Supplementary Data3

Abbreviation

BD: bulk density
SOC: soil organic carbon
TN: total N
Clay: Clay content
TEMP: daily temperature for growth duration
PRECIP: total precipitation for growth
EVAP: total potential evapotranspiration for growth
NFR: N fertilizer rate

Database of N_2O

	Coordinates		Crop type	BD	Soil pH	SOC	TN	Clay	TEMP	PRECIP	EVAP	NFR	N_2O emissions	Reference
Num	Lat	Long		(g cm^{-3})		(g kg^{-1})	(%)	(%)	(℃)	(mm)	(mm)	(kg N ha^{-1})	(kg N_2O-N ha^{-1})	
1	29.92	115.50	rice	1.29	5.39	19.37	2.54	34.07	26.60	691.50	792.00	0.00	0.44	Zhang J. et al.(2011). Emissions of N_2O and NH_3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1): 164-173
2	29.92	115.50	rice	1.29	5.39	29.37	2.54	34.07	26.60	691.50	792.00	210.00	4.28	Zhang J. et al.(2011). Emissions of N_2O and NH_3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1): 164-173
3	29.92	115.50	rice	1.29	5.85	15.66	2.48	34.07	26.60	691.50	792.00	0.00	0.28	Zhang J. et al.(2011). Emissions of N_2O and NH_3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1): 164-173
4	29.92	115.50	rice	1.29	5.85	15.66	2.48	34.07	26.60	691.50	792.00	210.00	3.24	Zhang J. et al.(2011). Emissions of N_2O and NH_3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1): 164-173
5	29.92	115.50	rice	1.29	5.39	19.37	2.54	34.07	26.60	682.50	768.00	0.00	0.03	Zhang J. et al.(2011). Emissions of N_2O and NH_3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1): 164-173
6	29.92	115.50	rice	1.29	5.39	19.37	2.54	34.07	26.60	682.50	768.00	210.00	3.40	Zhang J. et al.(2011). Emissions of N_2O and NH_3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1): 164-173
7	29.92	115.50	rice	1.29	5.85	15.66	2.48	34.07	26.60	682.50	768.00	0.00	0.45	Zhang J. et al.(2011). Emissions of N_2O and NH_3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1): 164-173
8	29.92	115.50	rice	1.29	5.85	15.66	2.48	34.07	26.60	682.50	768.00	210.00	2.32	Zhang J. et al.(2011). Emissions of N_2O and NH_3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1): 164-173
9	31.53	120.70	rice	1.42	6.40	34.00	0.88	40.00	25.88	766.50	883.50	0.00	0.40	Zhen J. et al.(2010). Characteristics of CH_4 and N_2O Emissions and Greenhouse Effects for Mechanical Transplanting Rice in RicewheatRotation System. Journal of Agro-Environment Science
10	31.53	120.70	rice	1.42	6.40	34.00	0.88	40.00	25.88	766.50	883.50	240.00	2.48	Zhen J. et al.(2010). Characteristics of CH_4 and N_2O Emissions and Greenhouse Effects for Mechanical Transplanting Rice in RicewheatRotation System. Journal of Agro-Environment Science
11	31.53	120.70	rice	1.42	6.40	34.00	0.88	40.00	25.88	766.50	883.50	240.00	2.21	Zhen J. et al.(2010). Characteristics of CH_4 and N_2O Emissions and Greenhouse Effects for Mechanical Transplanting Rice in RicewheatRotation System. Journal of Agro-Environment Science
12	31.53	120.68	rice	1.42	6.40	34.00	0.88	40.00	25.88	766.50	883.50	0.00	0.40	Zhang Y. et al. (2009). Effects of wheat straw returning and soil tillage on CH_4 and N_2O emissions in paddy season.(in Chinese with English abstract). Ecology and Environmental Sciences. 18(6): 2334-2338
13	31.53	120.68	rice	1.42	6.40	34.00	0.88	40.00	25.88	766.50	883.50	240.00	2.21	Zhang Y. et al. (2009). Effects of wheat straw returning and soil tillage on CH_4 and N_2O emissions in paddy season.(in Chinese with English abstract). Ecology and Environmental Sciences. 18(6): 2334-2338
14	31.53	120.68	rice	1.42	6.40	34.00	0.88	40.00	25.88	766.50	883.50	240.00	2.64	Zhang Y. et al. (2009). Effects of wheat straw returning and soil tillage on CH_4 and N_2O emissions in paddy season.(in Chinese with English abstract). Ecology and Environmental Sciences. 18(6): 2334-2338
15	31.25	120.95	rice	1.40	7.40	12.69	1.03	37.00	25.46	700.50	804.00	0.00	0.78	Hou H. et al. (2012). Seasonal variations of CH_4 and N_2O emissions in response to water management of paddy fields located in Southeast China. Chemosphere. 89(7): 884-892
16	31.25	120.95	rice	1.40	7.40	12.69	1.03	37.00	25.46	700.50	804.00	250.00	2.43	Hou H. et al. (2012). Seasonal variations of CH_4 and N_2O emissions in response to water management of paddy fields located in Southeast China. Chemosphere. 89(7): 884-892
17	31.25	120.95	rice	1.40	7.40	12.69	1.03	37.00	25.46	700.50	804.00	250.00	1.00	Hou H. et al. (2012). Seasonal variations of CH_4 and N_2O emissions in response to water management of paddy fields located in Southeast China. Chemosphere. 89(7): 884-892
18	31.25	120.95	rice	1.40	7.40	12.69	1.03	37.00	25.17	636.00	732.00	300.00	1.48	Hou H. et al. (2012). Seasonal variations of CH_4 and N_2O emissions in response to water management of paddy fields located in Southeast China. Chemosphere. 89(7): 884-892
19	31.25	120.95	rice	1.40	7.40	12.69	1.03	37.00	26.03	711.00	826.50	0.00	0.10	Peng S. et al. (2011). Field experiments on greenhouse gas emissions and nitrogen and phosphorus losses from rice paddy with efficient irrigation and drainage management. Science China Technological Sciences volume. 54: 1581–1587
20	31.25	120.95	rice	1.40	7.40	12.69	1.03	37.00	26.03	711.00	826.50	337.26	0.66	Peng S. et al. (2011). Field experiments on greenhouse gas emissions and nitrogen and phosphorus losses from rice paddy with efficient irrigation and drainage management. Science China Technological Sciences volume. 54: 1581–1587
21	31.25	120.95	rice	1.40	7.40	12.69	1.03	37.00	26.03	711.00	826.50	337.26	0.57	Peng S. et al. (2011). Field experiments on greenhouse gas emissions and nitrogen and phosphorus losses from rice paddy with efficient irrigation and drainage management. Science China Technological Sciences volume. 54: 1581–1587
22	31.40	119.68	rice	1.40	6.50	24.00	1.80	37.00	25.81	747.00	859.50	0.00	0.76	Zhang A. et al. (2010). Effect of biochar amendment on yield and methane and nitrous oxide emissions from a rice paddy from Tai Lake plain, China. Agriculture, Ecosystems & Environment. 139: 4, 469-475
23	31.40	119.68	rice	1.40	6.50	24.00	1.80	37.00	25.81	747.00	859.50	300.00	1.99	Zhang A. et al. (2010). Effect of biochar amendment on yield and methane and nitrous oxide emissions from a rice paddy from Tai Lake plain, China. Agriculture, Ecosystems & Environment. 139: 4, 469-475
24	31.37	119.82	rice	1.40	6.23	32.60	2.30	14.50	25.14	750.00	709.50	0.00	0.60	Li X. et al. (2011). Effect of timing and duration of midseason aeration on CH_4 and N_2O emissions from irrigated lowland rice paddies in China. Nutrient Cycling in Agroecosystems. 91: 293-305
25	31.37	119.82	rice	1.40	6.23	32.60	2.30	14.50	25.14	750.00	709.50	225.00	6.30	Li X. et al. (2011). Effect of timing and duration of midseason aeration on CH_4 and N_2O emissions from irrigated lowland rice paddies in China. Nutrient Cycling in Agroecosystems. 91: 293-305
26	31.37	119.82	rice	1.40	6.23	32.60	2.30	24.50	25.14	750.00	709.50	225.00	5.29	Li X. et al. (2011). Effect of timing and duration of midseason aeration on CH_4 and N_2O emissions from irrigated lowland rice paddies in China. Nutrient Cycling in Agroecosystems. 91: 293-305
27	31.37	119.82	rice	1.40	6.23	32.60	2.30	24.50	25.14	750.00	709.50	225.00	4.93	Li X. et al. (2011). Effect of timing and duration of midseason aeration on CH_4 and N_2O emissions from irrigated lowland rice paddies in China. Nutrient Cycling in Agroecosystems. 91: 293-305
28	31.37	119.82	rice	1.40	6.91	11.90	1.50	24.50	25.14	750.00	709.50	225.00	2.31	Li X. et al. (2011). Effect of timing and duration of midseason aeration on CH_4 and N_2O emissions from irrigated lowland rice paddies in China. Nutrient Cycling in Agroecosystems. 91: 293-305
29	31.37	119.82	rice	1.40	6.91	11.90	1.50	24.50	25.14	750.00	709.50	225.00	1.71	Li X. et al. (2011). Effect of timing and duration of midseason aeration on CH_4 and N_2O emissions from irrigated lowland rice paddies in China. Nutrient Cycling in Agroecosystems. 91: 293-305
30	31.37	119.82	rice	1.40	6.91	11.90	1.50	24.50	25.14	750.00	709.50	225.00	2.51	Li X. et al. (2011). Effect of timing and duration of midseason aeration on CH_4 and N_2O emissions from irrigated lowland rice paddies in China. Nutrient Cycling in Agroecosystems. 91: 293-305
31	31.87	118.83	rice	1.23	6.50	15.30	1.50	32.33	26.10	747.00	810.00	0.00	0.03	Liu S et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
32	31.87	118.83	rice	1.23	6.50	15.30	1.50	32.33	26.10	747.00	810.00	100.00	0.05	Liu S et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
33	31.87	118.83	rice	1.23	6.50	15.30	1.50	32.33	26.10	747.00	810.00	0.00	0.60	Liu S et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
34	31.87	118.83	rice	1.23	6.50	15.30	1.50	32.33	26.10	747.00	810.00	100.00	0.90	Liu S et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
35	31.87	118.83	rice	1.23	6.50	15.30	1.50	32.33	25.14	750.00	709.50	0.00	0.76	Liu S et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
36	31.87	118.83	rice	1.23	6.50	15.30	1.50	32.33	25.14	750.00	709.50	100.00	1.30	Liu S et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
37	31.87	118.83	rice	1.40	6.50	15.30	1.50	37.00	25.14	750.00	709.50	0.00	0.03	Qin Y. et al. (2010). Methane and nitrous oxide emissions from organic and conventional rice cropping systems in Southeast China. Biology and Fertility of Soils. 46: 825–834
38	31.87	118.83	rice	1.40	6.50	15.30	1.50	37.00	25.14	750.00	709.50	100.00	0.18	Qin Y. et al. (2010). Methane and nitrous oxide emissions from organic and conventional rice cropping systems in Southeast China. Biology and Fertility of Soils. 46: 825–834
39	31.87	118.83	rice	1.40	6.50	15.30	1.50	37.00	25.14	750.00	709.50	100.00	0.31	Qin Y. et al. (2010). Methane and nitrous oxide emissions from organic and conventional rice cropping systems in Southeast China. Biology and Fertility of Soils. 46: 825–834
40	31.87	118.83	rice	1.40	6.50	15.30	1.50	37.00	25.14	750.00	709.50	100.00	0.39	Qin Y. et al. (2010). Methane and nitrous oxide emissions from organic and conventional rice cropping systems in Southeast China. Biology and Fertility of Soils. 46: 825–834
41	31.87	118.83	rice	1.40	6.50	15.30	1.50	37.00	25.14	750.00	709.50	100.00	0.05	Qin Y. et al. (2010). Methane and nitrous oxide emissions from organic and conventional rice cropping systems in Southeast China. Biology and Fertility of Soils. 46: 825–834
42	31.87	118.83	rice	1.40	6.50	15.30	1.50	37.00	25.14	750.00	709.50	100.00	0.90	Qin Y. et al. (2010). Methane and nitrous oxide emissions from organic and conventional rice cropping systems in Southeast China. Biology and Fertility of Soils. 46: 825–834
43	31.87	118.83	rice	1.40	6.50	15.30	1.50	37.00	25.14	750.00	709.50	100.00	1.30	Qin Y. et al. (2010). Methane and nitrous oxide emissions from organic and conventional rice cropping systems in Southeast China. Biology and Fertility of Soils. 46: 825–834
44	31.87	118.83	rice	1.23	7.99	10.73	1.16	32.33	25.10	672.00	780.00	0.00	0.14	Cai Z. et al (1997). Methane and nitrous oxide emissions from rice paddy fields as affected by nitrogen fertilizers and water management. Plant and Soil. 196: 7–14
45	31.87	118.83	rice	1.23	7.99	10.73	1.16	32.33	25.10	672.00	780.00	100.00	0.17	Cai Z. et al (1997). Methane and nitrous oxide emissions from rice paddy fields as affected by nitrogen fertilizers and water management. Plant and Soil. 196: 7–14
46	31.87	118.83	rice	1.23	7.99	10.73	1.16	32.33	25.10	672.00	780.00	100.00	0.16	Cai Z. et al (1997). Methane and nitrous oxide emissions from rice paddy fields as affected by nitrogen fertilizers and water management. Plant and Soil. 196: 7–14
47	31.87	118.83	rice	1.23	7.99	10.73	1.16	32.33	25.10	672.00	780.00	300.00	0.98	Cai Z. et al (1997). Methane and nitrous oxide emissions from rice paddy fields as affected by nitrogen fertilizers and water management. Plant and Soil. 196: 7–14
48	31.87	118.83	rice	1.23	7.99	10.73	1.16	32.33	25.10	672.00	780.00	300.00	0.62	Cai Z. et al (1997). Methane and nitrous oxide emissions from rice paddy fields as affected by nitrogen fertilizers and water management. Plant and Soil. 196: 7–14
49	31.87	118.83	rice	1.23	6.30	15.20	1.70	32.33	26.10	747.00	810.00	0.00	0.30	Zou J. et al. (2009). Sewage irrigation increased methane and nitrous oxide emissions from rice paddies in southeast China. Agriculture, Ecosystems & Environment. 129(4): 516-522
50	31.87	118.83	rice	1.23	6.30	15.20	1.70	32.33	26.10	747.00	810.00	200.00	1.33	Zou J. et al. (2009). Sewage irrigation increased methane and nitrous oxide emissions from rice paddies in southeast China. Agriculture, Ecosystems & Environment. 129(4): 516-522
51	31.87	118.83	rice	1.23	6.30	15.20	1.70	32.33	26.10	747.00	810.00	0.00	0.81	Zou J. et al. (2009). Sewage irrigation increased methane and nitrous oxide emissions from rice paddies in southeast China. Agriculture, Ecosystems & Environment. 129(4): 516-522
52	31.87	118.83	rice	1.23	6.30	15.20	1.70	32.33	26.10	747.00	810.00	200.00	2.24	Zou J. et al. (2009). Sewage irrigation increased methane and nitrous oxide emissions from rice paddies in southeast China. Agriculture, Ecosystems & Environment. 129(4): 516-522
53	31.87	118.83	rice	1.23	5.70	14.70	1.32	32.33	25.77	732.00	837.00	0.00	0.22	Wang J. et al.(2011). Water regime–nitrogen fertilizer–straw incorporation interaction. Agriculture, Ecosystems & Environment. 141(3): 437-446
54	31.87	118.83	rice	1.23	5.70	14.70	1.32	32.33	25.77	732.00	837.00	220.00	0.68	Wang J. et al.(2011). Water regime–nitrogen fertilizer–straw incorporation interaction. Agriculture, Ecosystems & Environment. 141(3): 437-446
55	31.87	118.83	rice	1.23	5.70	14.70	1.32	32.33	25.77	732.00	837.00	300.00	0.73	Wang J. et al.(2011). Water regime–nitrogen fertilizer–straw incorporation interaction. Agriculture, Ecosystems & Environment. 141(3): 437-446
56	31.87	118.83	rice	1.23	5.70	14.70	1.32	32.33	25.77	732.00	837.00	0.00	0.22	Wang J. et al.(2011). Water regime–nitrogen fertilizer–straw incorporation interaction. Agriculture, Ecosystems & Environment. 141(3): 437-446
57	31.87	118.83	rice	1.23	5.70	14.70	1.32	32.33	25.77	732.00	837.00	220.00	0.28	Wang J. et al.(2011). Water regime–nitrogen fertilizer–straw incorporation interaction. Agriculture, Ecosystems & Environment. 141(3): 437-446
58	31.87	118.83	rice	1.23	5.70	14.70	1.32	32.33	25.77	732.00	837.00	300.00	0.34	Wang J. et al.(2011). Water regime–nitrogen fertilizer–straw incorporation interaction. Agriculture, Ecosystems & Environment. 141(3): 437-446
59	31.87	118.83	rice	1.23	5.70	14.70	1.32	32.33	25.77	732.00	837.00	0.00	0.31	Wang J. et al.(2011). Water regime–nitrogen fertilizer–straw incorporation interaction. Agriculture, Ecosystems & Environment. 141(3): 437-446
60	31.87	118.83	rice	1.23	5.70	14.70	1.32	32.33	25.77	732.00	837.00	220.00	0.37	Wang J. et al.(2011). Water regime–nitrogen fertilizer–straw incorporation interaction. Agriculture, Ecosystems & Environment. 141(3): 437-446
61	31.87	118.83	rice	1.23	5.70	14.70	1.32	32.33	25.77	732.00	837.00	300.00	0.40	Wang J. et al.(2011). Water regime–nitrogen fertilizer–straw incorporation interaction. Agriculture, Ecosystems & Environment. 141(3): 437-446
62	31.28	119.90	rice	1.40	6.23	12.60	1.30	37.00	26.03	520.50	816.00	0.00	0.05	Ma J. et al. (2009). Wheat straw management affects CH_4 and N_2O emissions from rice fields. Soil Biology and Biochemistry. 41(5): 1022-1028
63	31.28	119.90	rice	1.40	6.23	12.60	1.30	37.00	26.03	520.50	816.00	270.00	0.44	Ma J. et al. (2009). Wheat straw management affects CH_4 and N_2O emissions from rice fields. Soil Biology and Biochemistry. 41(5): 1022-1028
64	31.28	119.90	rice	1.40	6.23	12.60	1.30	37.00	26.03	520.50	816.00	270.00	0.18	Ma J. et al. (2009). Wheat straw management affects CH_4 and N_2O emissions from rice fields. Soil Biology and Biochemistry. 41(5): 1022-1028
65	31.28	119.90	rice	1.40	5.90	8.20	1.10	37.00	26.07	544.50	888.00	300.00	1.13	Ma J. et al. (2009). Wheat straw management affects CH_4 and N_2O emissions from rice fields. Soil Biology and Biochemistry. 41(5): 1022-1028
66	30.87	121.75	rice	1.36	8.00	10.90	1.24	44.54	25.80	535.50	801.00	0.00	0.30	Xiao Y. (2005). The value of gas exchange as a service by rice paddies in suburban Shanghai. PR China. Agriculture, Ecosystems & Environment. 109: 3-4
67	30.87	121.75	rice	1.36	8.00	10.90	1.24	44.54	25.80	535.50	801.00	225.00	0.42	Xiao Y. (2005). The value of gas exchange as a service by rice paddies in suburban Shanghai. PR China. Agriculture, Ecosystems & Environment. 109: 3-4
68	30.87	121.75	rice	1.36	8.00	10.90	1.24	44.54	25.80	535.50	801.00	375.00	0.60	Xiao Y. (2005). The value of gas exchange as a service by rice paddies in suburban Shanghai. PR China. Agriculture, Ecosystems & Environment. 109: 3-4
69	30.87	121.75	rice	1.36	8.00	10.90	1.24	44.54	25.80	535.50	801.00	525.00	1.35	Xiao Y. (2005). The value of gas exchange as a service by rice paddies in suburban Shanghai. PR China. Agriculture, Ecosystems & Environment. 109: 3-4
70	30.87	121.75	rice	1.36	7.90	7.54	1.47	44.54	25.80	535.50	801.00	0.00	0.06	Xiao Y. et al. (2005). Economic values of nitrogen transformation in rice field ecosystems. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9): 1745-1750
71	30.87	121.75	rice	1.36	7.90	7.54	1.47	44.54	25.80	535.50	801.00	225.00	0.13	Xiao Y. et al. (2005). Economic values of nitrogen transformation in rice field ecosystems. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9): 1745-1750
72	30.87	121.75	rice	1.36	7.90	7.54	1.47	44.54	25.80	535.50	801.00	375.00	0.19	Xiao Y. et al. (2005). Economic values of nitrogen transformation in rice field ecosystems. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9): 1745-1750
73	30.87	121.75	rice	1.36	7.90	7.54	1.47	44.54	25.80	535.50	801.00	525.00	0.43	Xiao Y. et al. (2005). Economic values of nitrogen transformation in rice field ecosystems. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9): 1745-1750
74	30.62	114.35	rice	1.18	6.80	9.72	1.09	40.00	27.04	640.50	906.00	0.00	0.57	Li C. et al. (2008). Nitrogen losses from integrated rice–duck and rice–fish ecosystems in southern China. European Spine Journal. 307: 207-217
75	30.62	114.35	rice	1.18	6.80	9.72	1.09	40.00	27.04	640.50	906.00	225.00	1.94	Li C. et al. (2008). Nitrogen losses from integrated rice–duck and rice–fish ecosystems in southern China. European Spine Journal. 307: 207-217
76	30.62	114.35	rice	1.18	6.80	9.72	1.09	40.00	27.04	640.50	906.00	225.00	2.19	Li C. et al. (2008). Nitrogen losses from integrated rice–duck and rice–fish ecosystems in southern China. European Spine Journal. 307: 207-217
77	30.62	114.35	rice	1.18	6.80	9.72	1.09	40.00	27.04	640.50	906.00	225.00	1.91	Li C. et al. (2008). Nitrogen losses from integrated rice–duck and rice–fish ecosystems in southern China. European Spine Journal. 307: 207-217
78	29.92	115.50	rice	1.29	6.58	18.27	1.57	34.07	26.60	691.50	792.00	0.00	0.31	Dai G. et al. (2009). Effects of no-tillage fertilization on paddy soil CH_4 and N_2O emissions and their greenhouse effect in central China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 20 (9): 2166- 2172
79	29.92	115.50	rice	1.29	6.58	18.27	1.57	34.07	26.60	691.50	792.00	0.00	0.67	Dai G. et al. (2009). Effects of no-tillage fertilization on paddy soil CH_4 and N_2O emissions and their greenhouse effect in central China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 20 (9): 2166- 2172
80	29.92	115.50	rice	1.29	6.58	18.27	1.57	34.07	26.60	691.50	792.00	210.00	2.95	Dai G. et al. (2009). Effects of no-tillage fertilization on paddy soil CH_4 and N_2O emissions and their greenhouse effect in central China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 20 (9): 2166- 2172
81	29.92	115.50	rice	1.29	6.58	18.27	1.57	34.07	26.60	691.50	792.00	210.00	2.91	Dai G. et al. (2009). Effects of no-tillage fertilization on paddy soil CH_4 and N_2O emissions and their greenhouse effect in central China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 20 (9): 2166- 2172
82	31.27	105.45	rice	1.49	5.13	12.20	1.22	31.00	24.65	108.36	245.52	0.00	0.40	Jiang C. et al. (2006). Methane and nitrous oxide emissions from three paddy rice based cultivation systems in southwest china. Scientific Reports. 23: 415–424
83	31.27	105.45	rice	1.49	5.13	12.20	1.22	31.00	24.65	108.36	245.52	150.00	2.60	Jiang C. et al. (2006). Methane and nitrous oxide emissions from three paddy rice based cultivation systems in southwest china. Scientific Reports. 23: 415–424
84	31.27	105.45	rice	1.49	5.13	22.20	1.22	31.00	24.65	108.36	245.52	150.00	5.00	Jiang C. et al. (2006). Methane and nitrous oxide emissions from three paddy rice based cultivation systems in southwest china. Scientific Reports. 23: 415–424
85	31.27	105.45	rice	1.49	5.13	12.20	1.22	31.00	24.65	108.36	245.52	150.00	2.50	Jiang C. et al. (2006). Methane and nitrous oxide emissions from three paddy rice based cultivation systems in southwest china. Scientific Reports. 23: 415–424
86	31.27	105.45	rice	1.49	5.13	12.20	1.22	31.00	24.65	108.36	245.52	150.00	2.80	Jiang C. et al. (2006). Methane and nitrous oxide emissions from three paddy rice based cultivation systems in southwest china. Scientific Reports. 23: 415–424
87	31.27	105.45	rice	1.49	5.13	12.20	1.22	31.00	24.65	108.36	245.52	150.00	3.20	Jiang C. et al. (2006). Methane and nitrous oxide emissions from three paddy rice based cultivation systems in southwest china. Scientific Reports. 23: 415–424
88	28.92	111.55	rice	1.39	5.06	16.53	2.70	34.69	25.85	793.50	763.50	0.00	0.04	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
89	28.92	111.55	rice	1.39	5.15	16.01	2.90	34.69	25.85	793.50	763.50	83.12	0.13	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
90	28.92	111.55	rice	1.39	5.13	16.47	2.90	34.69	25.85	793.50	763.50	83.12	0.13	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)

91	28.92	111.55	rice	1.39	4.90	18.04	1.20	34.69	25.85	793.50	763.50	83.12	0.13	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
92	28.92	111.55	rice	1.39	5.60	18.94	1.85	34.69	25.85	793.50	763.50	0.00	0.03	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
93	28.92	111.55	rice	1.39	5.60	18.94	1.85	34.69	25.85	793.50	763.50	103.91	0.21	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
94	28.92	111.55	rice	1.39	5.60	18.94	1.85	34.69	25.85	793.50	763.50	103.91	0.26	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
95	28.92	111.55	rice	1.39	5.60	18.94	1.85	34.69	25.85	793.50	763.50	103.91	0.11	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
96	28.92	111.55	rice	1.39	5.60	18.94	1.85	34.69	25.85	793.50	763.50	66.24	0.22	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
97	28.92	111.55	rice	1.39	5.60	18.94	1.85	34.69	25.85	793.50	763.50	42.96	0.05	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
98	28.92	111.55	rice	1.39	5.60	18.94	1.85	34.69	25.85	793.50	763.50	66.24	0.27	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
99	28.92	111.55	rice	1.39	5.60	18.94	1.85	34.69	25.85	793.50	763.50	42.96	0.22	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
100	28.92	111.55	rice	1.39	5.60	18.94	1.85	34.69	25.85	793.50	763.50	120.52	0.52	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
101	28.92	111.55	rice	1.39	5.60	18.94	1.85	34.69	25.85	793.50	763.50	81.74	0.27	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
102	28.92	111.55	rice	1.39	5.60	18.94	1.85	34.69	25.85	793.50	763.50	120.52	0.29	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
103	28.92	111.55	rice	1.39	5.60	18.94	1.85	34.69	25.85	793.50	763.50	81.74	0.16	Yang X. (2010). Study on methane and nitrous oxide emission in double-crop rice fiflds at red paddy soil under long-term different fertilizer systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
104	28.30	112.80	rice	1.37	5.30	20.60	2.05	41.80	27.67	1002.00	556.50	0.00	0.48	Yang X.et al. (2006). Methane and nitrous oxide emission from paddy field under different fertilization treatments. (in Chinese with English abstract). Transactions of the CSAE. 143: 22-7
105	28.30	112.80	rice	1.37	5.30	20.60	2.05	41.80	27.67	1002.00	556.50	150.00	0.94	Yang X.et al. (2006). Methane and nitrous oxide emission from paddy field under different fertilization treatments. (in Chinese with English abstract). Transactions of the CSAE. 143: 22-7
106	28.30	112.80	rice	1.37	5.30	20.60	2.05	41.80	27.67	1002.00	556.50	0.00	0.10	Yang X.et al. (2006). Methane and nitrous oxide emission from paddy field under different fertilization treatments. (in Chinese with English abstract). Transactions of the CSAE. 143: 22-7
107	28.30	112.80	rice	1.37	5.30	20.60	2.05	41.80	27.67	1002.00	556.50	180.00	0.53	Yang X.et al. (2006). Methane and nitrous oxide emission from paddy field under different fertilization treatments. (in Chinese with English abstract). Transactions of the CSAE. 143: 22-7
108	28.30	112.80	rice	1.37	5.30	20.60	2.05	41.80	27.67	1002.00	556.50	150.00	0.66	Yang X.et al. (2006). Methane and nitrous oxide emission from paddy field under different fertilization treatments. (in Chinese with English abstract). Transactions of the CSAE. 143: 22-7
109	28.30	112.80	rice	1.37	5.30	20.60	2.05	41.80	27.67	1002.00	556.50	150.00	0.67	Yang X.et al. (2006). Methane and nitrous oxide emission from paddy field under different fertilization treatments. (in Chinese with English abstract). Transactions of the CSAE. 143: 22-7
110	28.30	112.80	rice	1.37	5.30	20.60	2.05	41.80	27.67	1002.00	556.50	180.00	0.89	Yang X.et al. (2006). Methane and nitrous oxide emission from paddy field under different fertilization treatments. (in Chinese with English abstract). Transactions of the CSAE. 143: 22-7
111	28.30	112.80	rice	1.37	5.30	20.60	2.05	41.80	27.67	1002.00	556.50	180.00	0.45	Yang X.et al. (2006). Methane and nitrous oxide emission from paddy field under different fertilization treatments. (in Chinese with English abstract). Transactions of the CSAE. 143: 22-7
112	28.92	111.50	rice	1.40	5.06	14.36	2.73	37.00	23.80	638.40	583.20	0.00	0.04	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
113	28.92	111.50	rice	1.40	5.06	14.36	2.73	37.00	23.80	638.40	583.20	81.30	0.14	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
114	28.92	111.50	rice	1.40	5.15	14.36	2.87	37.00	23.80	638.40	583.20	81.30	0.10	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
115	28.92	111.50	rice	1.40	5.13	14.36	2.87	37.00	23.80	638.40	583.20	81.30	0.04	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
116	28.92	111.50	rice	1.40	4.90	14.36	1.20	37.00	24.42	584.40	556.80	101.70	0.24	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
117	28.92	111.50	rice	1.40	4.95	14.36	1.01	37.00	24.42	584.40	556.80	101.70	0.32	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
118	28.92	111.50	rice	1.40	4.87	14.36	1.71	37.00	24.42	584.40	556.80	101.70	0.15	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
119	28.92	111.50	rice	1.40	4.79	14.36	2.41	37.00	24.42	584.40	556.80	101.70	0.44	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
120	28.92	111.50	rice	1.40	4.71	14.36	3.11	37.00	24.42	584.40	556.80	81.30	0.25	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
121	28.92	111.50	rice	1.40	4.63	14.36	3.81	37.00	24.42	584.40	556.80	79.30	0.29	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
122	28.92	111.50	rice	1.40	4.55	14.36	4.51	37.00	24.42	584.40	556.80	42.10	0.05	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
123	28.92	111.50	rice	1.40	4.47	14.36	5.21	37.00	24.42	584.40	556.80	101.70	0.59	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
124	28.92	111.50	rice	1.40	4.39	14.36	5.91	37.00	24.42	584.40	556.80	81.30	0.39	Wu P. (2008). Ammonia volatilization and nitrous oxide emission from double rice system in red paddy soil under different fertilizing systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
125	21.92	101.20	rice	1.34	5.38	11.17	1.28	21.83	24.00	1371.00	663.00	0.00	1.11	Wu W. et al. (2008). Impact of nitrogen fertilizer on N_2O flux from a paddy soil in Xishuangbanna, Southwest China. (in Chinese with English abstract). Journal of Agro-Environment Science. 27(5): 1876-1881
126	21.92	101.20	rice	1.34	5.38	11.17	1.28	21.83	24.00	1371.00	663.00	150.00	2.34	Wu W. et al. (2008). Impact of nitrogen fertilizer on N_2O flux from a paddy soil in Xishuangbanna, Southwest China. (in Chinese with English abstract). Journal of Agro-Environment Science. 27(5): 1876-1881
127	21.92	101.20	rice	1.34	5.38	11.17	1.28	21.83	24.00	1371.00	663.00	300.00	1.97	Wu W. et al. (2008). Impact of nitrogen fertilizer on N_2O flux from a paddy soil in Xishuangbanna, Southwest China. (in Chinese with English abstract). Journal of Agro-Environment Science. 27(5): 1876-1881
128	21.92	101.20	rice	1.34	5.38	11.17	1.28	21.83	24.00	1371.00	663.00	150.00	2.34	Wu W. et al. (2008). Impact of nitrogen fertilizer on N_2O flux from a paddy soil in Xishuangbanna, Southwest China. (in Chinese with English abstract). Journal of Agro-Environment Science. 27(5): 1876-1881
129	21.92	101.20	rice	1.34	5.38	11.17	1.28	21.83	24.00	1371.00	663.00	300.00	1.97	Wu W. et al. (2008). Impact of nitrogen fertilizer on N_2O flux from a paddy soil in Xishuangbanna, Southwest China. (in Chinese with English abstract). Journal of Agro-Environment Science. 27(5): 1876-1881
130	30.98	104.28	rice	1.45	6.50	18.82	1.73	39.80	19.53	351.00	469.50	0.00	0.11	Liu X. (2012). Can biochar amendment be an ecological engineering technology to depress N_2O emission in rice paddies. (in Chinese with English abstract). Ecological Engineering. 42: 168-173
131	30.98	104.28	rice	1.45	6.50	18.82	1.73	39.80	19.53	351.00	469.50	240.00	1.88	Liu X. (2012). Can biochar amendment be an ecological engineering technology to depress N_2O emission in rice paddies. (in Chinese with English abstract). Ecological Engineering. 42: 168-173
132	30.98	104.28	rice	1.45	6.50	18.82	1.73	39.80	19.53	351.00	469.50	0.00	0.17	Liu X. (2012). Can biochar amendment be an ecological engineering technology to depress N_2O emission in rice paddies. (in Chinese with English abstract). Ecological Engineering. 42: 168-173
133	28.23	112.94	rice	1.37	5.70	19.25	1.91	41.80	27.67	1002.00	556.50	240.00	1.46	Liu X. (2012). Can biochar amendment be an ecological engineering technology to depress N_2O emission in rice paddies. (in Chinese with English abstract). Ecological Engineering. 42: 168-173
134	28.23	112.94	rice	1.37	5.70	19.25	1.91	41.80	27.67	1002.00	556.50	0.00	0.29	Liu X. (2012). Can biochar amendment be an ecological engineering technology to depress N_2O emission in rice paddies. (in Chinese with English abstract). Ecological Engineering. 42: 168-173
135	28.38	116.24	rice	1.25	5.00	14.63	1.38	35.50	21.64	1731.00	505.50	240.00	1.47	Liu X. (2012). Can biochar amendment be an ecological engineering technology to depress N_2O emission in rice paddies. (in Chinese with English abstract). Ecological Engineering. 42: 168-173
136	31.49	120.31	rice	1.34	6.00	20.68	1.81	29.83	26.00	805.50	955.50	0.00	0.80	Xue L. et al. (2011). Nitrogen balance and environmental impact of paddy field under different N management methods in Taihu lake region. (in Chinese with English abstract). Environmental Science. 32(4)
137	31.49	120.31	rice	1.34	6.00	20.68	1.81	29.83	26.00	805.50	955.50	270.00	2.80	Xue L. et al. (2011). Nitrogen balance and environmental impact of paddy field under different N management methods in Taihu lake region. (in Chinese with English abstract). Environmental Science. 32(4)
138	31.49	120.31	rice	1.34	6.00	20.68	1.81	29.83	26.00	805.50	955.50	210.00	2.30	Xue L. et al. (2011). Nitrogen balance and environmental impact of paddy field under different N management methods in Taihu lake region. (in Chinese with English abstract). Environmental Science. 32(4)
139	31.49	120.31	rice	1.34	6.00	20.68	1.81	29.83	26.00	805.50	955.50	153.00	1.90	Xue L. et al. (2011). Nitrogen balance and environmental impact of paddy field under different N management methods in Taihu lake region. (in Chinese with English abstract). Environmental Science. 32(4)
140	31.54	120.11	rice	1.40	6.30	20.68	1.81	37.00	26.00	805.50	955.50	210.00	2.30	Xue L. et al. (2011). Nitrogen balance and environmental impact of paddy field under different N management methods in Taihu lake region. (in Chinese with English abstract). Environmental Science. 32(4)
141	31.54	120.11	rice	1.40	6.30	20.68	1.81	37.00	26.00	805.50	955.50	180.00	2.10	Xue L. et al. (2011). Nitrogen balance and environmental impact of paddy field under different N management methods in Taihu lake region. (in Chinese with English abstract). Environmental Science. 32(4)
142	30.43	112.25	rice	1.40	6.10	18.91	2.00	37.00	27.80	405.00	459.60	0.00	0.46	Guo C. et al. (2016). Effects of slow /controlled release urea on annual CH_4 and N_2O emissions in paddy field. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(5): 1489-1495
143	30.43	112.25	rice	1.40	6.10	18.91	2.00	37.00	27.80	405.00	459.60	210.00	1.02	Guo C. et al. (2016). Effects of slow /controlled release urea on annual CH_4 and N_2O emissions in paddy field. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(5): 1489-1495
144	30.43	112.25	rice	1.40	6.10	18.91	2.00	37.00	27.80	405.00	459.60	165.00	0.89	Guo C. et al. (2016). Effects of slow /controlled release urea on annual CH_4 and N_2O emissions in paddy field. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(5): 1489-1495
145	31.55	120.70	rice	1.12	7.60	22.16	2.17	33.91	26.77	571.50	883.50	0.00	0.04	Hu Y. et al. (2016). Effects of different rotation systems on greenhouse gas (CH_4 and N_2O) emissions in the Taihu lake region，China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(1): 99-106
146	31.55	120.70	rice	1.12	7.60	22.16	2.17	33.91	26.77	571.50	883.50	120.00	0.14	Hu Y. et al. (2016). Effects of different rotation systems on greenhouse gas (CH_4 and N_2O) emissions in the Taihu lake region，China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(1): 99-106
147	31.55	120.70	rice	1.12	7.60	22.16	2.17	33.91	26.77	571.50	883.50	240.00	0.15	Hu Y. et al. (2016). Effects of different rotation systems on greenhouse gas (CH_4 and N_2O) emissions in the Taihu lake region，China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(1): 99-106
148	31.55	120.70	rice	1.12	7.60	22.16	2.17	33.91	26.77	571.50	883.50	300.00	0.34	Hu Y. et al. (2016). Effects of different rotation systems on greenhouse gas (CH_4 and N_2O) emissions in the Taihu lake region，China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(1): 99-106
149	31.55	120.70	rice	1.12	7.60	22.16	2.17	33.91	26.77	571.50	883.50	240.00	0.17	Hu Y. et al. (2016). Effects of different rotation systems on greenhouse gas (CH_4 and N_2O) emissions in the Taihu lake region，China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(1): 99-106
150	31.55	120.70	rice	1.12	7.60	22.16	2.17	33.91	26.77	571.50	883.50	240.00	0.15	Hu Y. et al. (2016). Effects of different rotation systems on greenhouse gas (CH_4 and N_2O) emissions in the Taihu lake region，China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(1): 99-106
151	42.08	123.35	rice	1.40	6.20	15.49	1.50	38.00	19.50	637.00	861.00	0.00	0.12	Zhu X. et al. (2016). Effects of increased planting density with reduced nitrogen fertilizer application on rice yield，N use efficiency and greenhouse gas emission in Northeast China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(2): 453-461
152	42.08	123.35	rice	1.40	6.20	15.49	1.50	38.00	19.50	637.00	861.00	270.00	0.66	Zhu X. et al. (2016). Effects of increased planting density with reduced nitrogen fertilizer application on rice yield，N use efficiency and greenhouse gas emission in Northeast China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(2): 453-461
153	42.08	123.35	rice	1.40	6.20	15.49	1.50	38.00	19.50	637.00	861.00	189.00	0.55	Zhu X. et al. (2016). Effects of increased planting density with reduced nitrogen fertilizer application on rice yield，N use efficiency and greenhouse gas emission in Northeast China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(2): 453-461
154	42.08	123.35	rice	1.40	6.20	15.49	1.50	38.00	19.50	637.00	861.00	108.00	0.45	Zhu X. et al. (2016). Effects of increased planting density with reduced nitrogen fertilizer application on rice yield，N use efficiency and greenhouse gas emission in Northeast China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(2): 453-461
155	42.08	123.35	rice	1.40	6.20	15.49	1.50	38.00	19.50	637.00	861.00	270.00	0.55	Zhu X. et al. (2016). Effects of increased planting density with reduced nitrogen fertilizer application on rice yield，N use efficiency and greenhouse gas emission in Northeast China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(2): 453-461
156	42.08	123.35	rice	1.40	6.20	15.49	1.50	38.00	19.50	637.00	861.00	229.50	0.52	Zhu X. et al. (2016). Effects of increased planting density with reduced nitrogen fertilizer application on rice yield，N use efficiency and greenhouse gas emission in Northeast China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(2): 453-461
157	42.08	123.35	rice	1.40	6.20	15.49	1.50	38.00	19.50	637.00	861.00	189.00	0.37	Zhu X. et al. (2016). Effects of increased planting density with reduced nitrogen fertilizer application on rice yield，N use efficiency and greenhouse gas emission in Northeast China. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(2): 453-461
158	31.97	118.07	rice	1.23	5.70	26.77	1.32	32.33	25.60	564.00	718.50	0.00	0.66	Li L. et al. (2015). Effects of biochar application on N_2O and CH_4 in rice field at different periods. Acta Peddlogica Sinica. 52(4)
159	31.97	118.07	rice	1.23	5.70	26.77	1.32	32.33	25.60	564.00	718.50	250.00	3.91	Li L. et al. (2015). Effects of biochar application on N_2O and CH_4 in rice field at different periods. Acta Peddlogica Sinica. 52(4)
160	29.85	115.55	rice	1.29	5.80	23.86	2.39	34.07	25.70	1036.50	792.00	0.00	0.15	Zhang X. (2015). Effects of nitrogen fertilizer types on NH3 volatilization, N2O emission and nitrogen utilization in no-tillage paddy fields of central China. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
161	29.85	115.55	rice	1.29	5.80	23.86	2.39	34.07	25.70	1036.50	792.00	180.00	0.74	Zhang X. (2015). Effects of nitrogen fertilizer types on NH3 volatilization, N2O emission and nitrogen utilization in no-tillage paddy fields of central China. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
162	29.85	115.55	rice	1.29	5.80	23.86	2.39	34.07	25.70	1036.50	792.00	0.00	0.18	Zhang X. (2015). Effects of nitrogen fertilizer types on NH3 volatilization, N2O emission and nitrogen utilization in no-tillage paddy fields of central China. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
163	29.85	115.55	rice	1.29	5.80	23.86	2.39	34.07	25.70	1036.50	792.00	180.00	0.85	Zhang X. (2015). Effects of nitrogen fertilizer types on NH3 volatilization, N2O emission and nitrogen utilization in no-tillage paddy fields of central China. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
164	29.85	115.55	rice	1.29	5.80	23.86	2.39	34.07	25.70	1036.50	792.00	180.00	0.74	Zhang X. (2015). Effects of nitrogen fertilizer types on NH3 volatilization, N2O emission and nitrogen utilization in no-tillage paddy fields of central China. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
165	29.85	115.55	rice	1.29	5.80	23.86	2.39	34.07	25.70	1036.50	792.00	180.00	1.13	Zhang X. (2015). Effects of nitrogen fertilizer types on NH3 volatilization, N2O emission and nitrogen utilization in no-tillage paddy fields of central China. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
166	29.85	115.55	rice	1.29	5.80	23.86	2.39	34.07	25.70	1036.50	792.00	180.00	0.85	Zhang X. (2015). Effects of nitrogen fertilizer types on NH3 volatilization, N2O emission and nitrogen utilization in no-tillage paddy fields of central China. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
167	29.85	115.55	rice	1.29	5.80	23.86	2.39	34.07	25.70	1036.50	792.00	180.00	1.30	Zhang X. (2015). Effects of nitrogen fertilizer types on NH3 volatilization, N2O emission and nitrogen utilization in no-tillage paddy fields of central China. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
168	29.18	112.30	rice	1.23	6.30	20.24	1.29	37.00	24.10	420.90	638.40	0.00	0.10	Xue F. (2015). Effect of tillage on soil carbon and nitrogen in double paddy cropping system of southern China. (in Chinese with English abstract). Doctoral dissertation of China Agricultual University (Beijing, China)
169	29.18	112.30	rice	1.23	6.30	20.24	1.29	37.00	24.10	420.90	638.40	217.50	0.14	Xue F. (2015). Effect of tillage on soil carbon and nitrogen in double paddy cropping system of southern China. (in Chinese with English abstract). Doctoral dissertation of China Agricultual University (Beijing, China)
170	29.18	112.30	rice	1.23	6.30	20.24	1.29	37.00	25.76	383.40	668.40	124.50	0.13	Xue F. (2015). Effect of tillage on soil carbon and nitrogen in double paddy cropping system of southern China. (in Chinese with English abstract). Doctoral dissertation of China Agricultual University (Beijing, China)
171	28.13	113.20	rice	1.40	6.10	15.37	1.55	37.00	25.77	465.60	374.40	0.00	0.10	Fu Z. et al. (2015). Effects of deep water irrigation with no-tillage and straw mulching on greenhouse gases emissions and yield of late rice. (in Chinese with English abstract). Chinese Journal of Ecology. 34(5): 1263-1269
172	28.13	113.20	rice	1.40	6.10	15.37	1.55	37.00	25.77	465.60	374.40	140.00	0.39	Fu Z. et al. (2015). Effects of deep water irrigation with no-tillage and straw mulching on greenhouse gases emissions and yield of late rice. (in Chinese with English abstract). Chinese Journal of Ecology. 34(5): 1263-1269
173	28.13	113.20	rice	1.40	6.10	15.37	1.55	37.00	25.77	465.60	374.40	140.00	0.31	Fu Z. et al. (2015). Effects of deep water irrigation with no-tillage and straw mulching on greenhouse gases emissions and yield of late rice. (in Chinese with English abstract). Chinese Journal of Ecology. 34(5): 1263-1269
174	28.13	113.20	rice	1.40	6.10	15.37	1.55	37.00	25.77	465.60	374.40	140.00	0.23	Fu Z. et al. (2015). Effects of deep water irrigation with no-tillage and straw mulching on greenhouse gases emissions and yield of late rice. (in Chinese with English abstract). Chinese Journal of Ecology. 34(5): 1263-1269
175	28.13	113.20	rice	1.40	6.10	15.37	1.55	37.00	25.77	465.60	374.40	140.00	0.28	Fu Z. et al. (2015). Effects of deep water irrigation with no-tillage and straw mulching on greenhouse gases emissions and yield of late rice. (in Chinese with English abstract). Chinese Journal of Ecology. 34(5): 1263-1269
176	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	0.00	0.01	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
177	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.58	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
178	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.45	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
179	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.79	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
180	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.41	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
181	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.24	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
182	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.14	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
183	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.20	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
184	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.02	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
185	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.15	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
186	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.11	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602

187	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.64	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
188	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.03	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
189	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.02	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
190	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.01	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
191	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.08	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
192	30.88	121.38	rice	1.40	7.60	13.70	1.40	37.00	26.10	492.10	646.80	225.00	0.15	Sun H. et al. (2015). Effects of rice cultivars on CH_4 and N_2O Emissions from rice fields. (in Chinese with English abstract). Journal of Agro-Environment Science. 34(8): 1595-1602
193	31.97	118.07	rice	1.23	5.70	26.77	1.32	32.33	25.60	564.00	718.50	0.00	0.66	Li L. et al. (2015). Effects of biochar application on N_2O and CH_4 in rice field at different periods. Acta Peddlogica Sinica. 52(4)
194	31.97	118.07	rice	1.23	5.70	26.77	1.32	32.33	25.60	564.00	718.50	250.00	3.91	Li L. et al. (2015). Effects of biochar application on N_2O and CH_4 in rice field at different periods. Acta Peddlogica Sinica. 52(4)
195	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	0.00	0.12	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
196	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	283.50	1.18	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
197	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	283.50	1.34	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
198	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	283.50	1.17	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
199	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	283.50	1.09	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
200	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	283.50	0.80	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
201	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	283.50	0.95	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
202	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	19.50	637.00	861.00	0.00	0.06	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
203	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	19.50	637.00	861.00	270.00	0.36	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
204	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	19.50	637.00	861.00	230.00	0.29	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
205	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	19.50	637.00	861.00	189.00	0.31	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
206	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	19.50	637.00	861.00	149.00	0.15	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
207	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	19.50	637.00	861.00	108.00	0.20	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
208	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	19.50	637.00	861.00	270.00	0.16	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
209	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	19.50	637.00	861.00	230.00	0.14	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
210	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	19.50	637.00	861.00	189.00	0.12	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
211	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	19.50	637.00	861.00	149.00	0.13	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
212	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	19.50	637.00	861.00	108.00	0.10	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
213	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	21.73	735.00	988.50	270.00	0.66	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
214	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	21.73	735.00	988.50	230.00	0.54	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
215	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	21.73	735.00	988.50	189.00	0.51	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
216	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	21.73	735.00	988.50	149.00	0.43	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
217	42.08	123.35	rice	1.40	6.20	15.49	1.50	37.00	21.73	735.00	988.50	108.00	0.37	Zhu X. (2015). Effects of dense planting with less basal nitrogen on rice yield, nitrogen use efficiency and greenhouse gas emissions in Northeast China. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
218	31.45	120.42	rice	1.40	6.12	33.00	1.70	37.00	26.03	711.00	826.50	0.00	0.30	Wang H. et al. (2014). Effect of patterns of straw returning to field on methane and nitrous oxide emissions during rice-growing season in a rice-wheat double cropping system. (in Chinese with English abstract). Jiangsu Journal of Agriculture. 30(4): 758-763
219	31.45	120.42	rice	1.40	6.12	33.00	1.70	37.00	26.03	711.00	826.50	225.00	0.68	Wang H. et al. (2014). Effect of patterns of straw returning to field on methane and nitrous oxide emissions during rice-growing season in a rice-wheat double cropping system. (in Chinese with English abstract). Jiangsu Journal of Agriculture. 30(4): 758-763
220	28.13	113.18	rice	1.40	5.30	18.97	2.14	37.00	24.98	504.00	591.60	0.00	0.10	Qin H. et al. (2014). Effect of tillage and rice residue return on CH4 and N2O emission from double rice field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(11): 216-224
221	28.13	113.18	rice	1.40	5.30	18.97	2.14	37.00	24.98	504.00	591.60	150.00	0.23	Qin H. et al. (2014). Effect of tillage and rice residue return on CH4 and N2O emission from double rice field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(11): 216-224
222	28.13	113.18	rice	1.40	5.30	18.97	2.14	37.00	24.98	504.00	591.60	150.00	0.29	Qin H. et al. (2014). Effect of tillage and rice residue return on CH4 and N2O emission from double rice field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(11): 216-224
223	28.13	113.18	rice	1.40	5.30	18.97	2.14	37.00	26.21	422.40	618.00	180.00	0.81	Qin H. et al. (2014). Effect of tillage and rice residue return on CH4 and N2O emission from double rice field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(11): 216-224
224	28.13	113.18	rice	1.40	5.30	18.97	2.14	37.00	26.21	422.40	618.00	180.00	1.04	Qin H. et al. (2014). Effect of tillage and rice residue return on CH4 and N2O emission from double rice field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(11): 216-224
225	28.13	113.18	rice	1.40	5.30	18.97	2.14	37.00	24.98	504.00	591.60	150.00	0.14	Qin H. et al. (2014). Effect of tillage and rice residue return on CH4 and N2O emission from double rice field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(11): 216-224
226	28.13	113.18	rice	1.40	5.30	18.97	2.14	37.00	24.98	504.00	591.60	150.00	0.29	Qin H. et al. (2014). Effect of tillage and rice residue return on CH4 and N2O emission from double rice field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(11): 216-224
227	28.13	113.18	rice	1.40	5.30	18.97	2.14	37.00	26.21	422.40	618.00	180.00	0.27	Qin H. et al. (2014). Effect of tillage and rice residue return on CH4 and N2O emission from double rice field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(11): 216-224
228	28.13	113.18	rice	1.40	5.30	18.97	2.14	37.00	26.21	422.40	618.00	180.00	0.41	Qin H. et al. (2014). Effect of tillage and rice residue return on CH4 and N2O emission from double rice field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(11): 216-224
229	23.39	113.40	rice	1.40	5.30	14.04	1.40	37.00	25.78	1239.00	574.50	0.00	0.02	Yi Q. et al. (2014). Emissions of CH_4 and N_2O from paddy soil in South China under different fertilization patterns. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(12): 2478-2484
230	23.39	113.40	rice	1.40	5.30	14.04	1.40	37.00	25.78	1239.00	574.50	150.00	0.14	Yi Q. et al. (2014). Emissions of CH_4 and N_2O from paddy soil in South China under different fertilization patterns. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(12): 2478-2484
231	23.39	113.40	rice	1.40	5.30	14.04	1.40	37.00	25.78	1239.00	574.50	150.00	0.38	Yi Q. et al. (2014). Emissions of CH_4 and N_2O from paddy soil in South China under different fertilization patterns. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(12): 2478-2484
232	23.39	113.40	rice	1.40	5.30	14.04	1.40	37.00	25.78	1239.00	574.50	150.00	0.35	Yi Q. et al. (2014). Emissions of CH_4 and N_2O from paddy soil in South China under different fertilization patterns. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(12): 2478-2484
233	23.39	113.40	rice	1.40	5.30	14.04	1.40	37.00	25.78	1239.00	574.50	150.00	0.20	Yi Q. et al. (2014). Emissions of CH_4 and N_2O from paddy soil in South China under different fertilization patterns. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(12): 2478-2484
234	32.39	119.43	rice	1.40	6.30	14.36	1.40	37.00	23.88	720.00	784.50	0.00	0.18	Jiang F. (2014). Effects of straw returning and irrigation condition on yield formation of super japonica rice and emissions greenhouse gases from paddy field. (in Chinese with English abstract). Master dissertation of Yangzhou University (Yangzhou, China)
235	32.39	119.43	rice	1.40	6.30	14.36	1.40	37.00	23.88	720.00	784.50	300.00	0.19	Jiang F. (2014). Effects of straw returning and irrigation condition on yield formation of super japonica rice and emissions greenhouse gases from paddy field. (in Chinese with English abstract). Master dissertation of Yangzhou University (Yangzhou, China)
236	32.39	119.43	rice	1.40	6.30	14.36	1.40	37.00	23.88	720.00	784.50	300.00	0.33	Jiang F. (2014). Effects of straw returning and irrigation condition on yield formation of super japonica rice and emissions greenhouse gases from paddy field. (in Chinese with English abstract). Master dissertation of Yangzhou University (Yangzhou, China)
237	30.35	112.15	rice	1.44	7.80	14.36	1.09	37.00	26.72	483.30	299.70	0.00	0.14	Wang B. et al. (2014). Effect and assessment of controlled release fertilizer and additive treatments on greenhouse gases emission from a double rice field. (in Chinese with English abstract). Scientia Agricultura Sinica. 47(2): 314-323
238	30.35	112.15	rice	1.44	7.80	14.36	1.09	37.00	26.72	483.30	299.70	165.00	0.17	Wang B. et al. (2014). Effect and assessment of controlled release fertilizer and additive treatments on greenhouse gases emission from a double rice field. (in Chinese with English abstract). Scientia Agricultura Sinica. 47(2): 314-323
239	30.35	112.15	rice	1.44	7.80	14.36	1.09	37.00	26.72	483.30	299.70	165.00	0.29	Wang B. et al. (2014). Effect and assessment of controlled release fertilizer and additive treatments on greenhouse gases emission from a double rice field. (in Chinese with English abstract). Scientia Agricultura Sinica. 47(2): 314-323
240	30.35	112.15	rice	1.44	7.80	14.36	1.09	37.00	26.72	351.90	403.20	180.00	1.27	Wang B. et al. (2014). Effect and assessment of controlled release fertilizer and additive treatments on greenhouse gases emission from a double rice field. (in Chinese with English abstract). Scientia Agricultura Sinica. 47(2): 314-323
241	30.35	112.15	rice	1.44	7.80	14.36	1.09	37.00	26.72	351.90	403.20	180.00	0.27	Wang B. et al. (2014). Effect and assessment of controlled release fertilizer and additive treatments on greenhouse gases emission from a double rice field. (in Chinese with English abstract). Scientia Agricultura Sinica. 47(2): 314-323
242	30.20	112.15	rice	1.42	7.80	26.88	1.09	40.00	26.58	461.70	296.10	0.00	0.14	Wang B. (2014). Research on GHGs reduction of different innovative nitrogen fertilizer from a double rice field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
243	30.20	112.15	rice	1.42	7.80	26.88	1.09	40.00	26.58	461.70	296.10	165.00	0.17	Wang B. (2014). Research on GHGs reduction of different innovative nitrogen fertilizer from a double rice field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
244	30.20	112.15	rice	1.42	7.80	26.88	1.09	40.00	26.58	461.70	296.10	165.00	0.24	Wang B. (2014). Research on GHGs reduction of different innovative nitrogen fertilizer from a double rice field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
245	30.20	112.15	rice	1.42	7.80	26.88	1.09	40.00	26.58	461.70	296.10	180.00	1.27	Wang B. (2014). Research on GHGs reduction of different innovative nitrogen fertilizer from a double rice field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
246	30.20	112.15	rice	1.42	7.80	26.88	1.09	40.00	26.58	461.70	296.10	180.00	0.56	Wang B. (2014). Research on GHGs reduction of different innovative nitrogen fertilizer from a double rice field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
247	30.20	112.15	rice	1.42	7.80	26.88	1.09	40.00	25.25	444.00	420.00	165.00	1.73	Wang B. (2014). Research on GHGs reduction of different innovative nitrogen fertilizer from a double rice field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
248	30.20	112.15	rice	1.42	7.80	26.88	1.09	40.00	25.25	444.00	420.00	165.00	0.80	Wang B. (2014). Research on GHGs reduction of different innovative nitrogen fertilizer from a double rice field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
249	30.20	112.15	rice	1.42	7.80	26.88	1.09	40.00	25.25	444.00	420.00	180.00	2.64	Wang B. (2014). Research on GHGs reduction of different innovative nitrogen fertilizer from a double rice field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
250	30.20	112.15	rice	1.42	7.80	26.88	1.09	40.00	25.25	444.00	420.00	180.00	1.42	Wang B. (2014). Research on GHGs reduction of different innovative nitrogen fertilizer from a double rice field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
251	31.97	118.80	rice	1.23	6.70	12.24	1.04	32.33	25.94	660.00	670.50	0.00	0.08	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
252	31.97	118.80	rice	1.23	6.70	12.24	1.04	32.33	25.94	693.00	726.00	250.00	0.20	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
253	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	0.00	0.02	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
254	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	200.00	0.09	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
255	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	0.00	0.01	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
256	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	200.00	0.12	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
257	31.97	118.80	rice	1.23	6.70	12.24	1.04	32.33	25.94	693.00	726.00	0.00	0.05	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
258	31.97	118.80	rice	1.23	6.70	12.24	1.04	32.33	25.94	693.00	726.00	250.00	0.23	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
259	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	0.00	0.00	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
260	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	200.00	0.44	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
261	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	0.00	0.03	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
262	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	200.00	0.20	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
263	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	250.00	0.17	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
264	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	250.00	0.13	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
265	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	200.00	0.15	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
266	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	200.00	0.25	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
267	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	200.00	0.19	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
268	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	200.00	0.12	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
269	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	250.00	0.27	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
270	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	250.00	0.15	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
271	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	200.00	0.59	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
272	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	200.00	1.22	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
273	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	200.00	0.15	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
274	31.97	118.80	rice	1.23	6.40	12.53	1.07	32.33	25.94	693.00	726.00	200.00	0.28	Zhang X. (2013). Greenhouse gased emission and greenhouse gas intensity from different rice-based cropping systems. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
275	28.17	113.65	rice	1.36	6.30	18.49	1.09	31.67	25.90	1104.00	496.50	0.00	0.08	Sun X. (2013). Net global warming potentials of double-rice cropping rice croppong system under different cultivation patteans with different grain yield and nitrogen use efficiency targets in hunan province. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
276	28.17	113.65	rice	1.36	6.30	18.49	1.09	31.67	25.90	1104.00	496.50	150.00	0.20	Sun X. (2013). Net global warming potentials of double-rice cropping rice croppong system under different cultivation patteans with different grain yield and nitrogen use efficiency targets in hunan province. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
277	28.17	113.65	rice	1.36	6.30	18.49	1.09	31.67	25.90	1104.00	496.50	120.00	0.18	Sun X. (2013). Net global warming potentials of double-rice cropping rice croppong system under different cultivation patteans with different grain yield and nitrogen use efficiency targets in hunan province. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
278	28.17	113.65	rice	1.36	6.30	18.49	1.09	31.67	25.90	1104.00	496.50	160.00	0.22	Sun X. (2013). Net global warming potentials of double-rice cropping rice croppong system under different cultivation patteans with different grain yield and nitrogen use efficiency targets in hunan province. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
279	28.17	113.65	rice	1.36	6.30	18.49	1.09	31.67	25.90	1104.00	496.50	130.00	0.21	Sun X. (2013). Net global warming potentials of double-rice cropping rice croppong system under different cultivation patteans with different grain yield and nitrogen use efficiency targets in hunan province. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
280	28.17	113.65	rice	1.36	6.30	18.49	1.09	31.67	25.90	1104.00	496.50	0.00	0.11	Sun X. (2013). Net global warming potentials of double-rice cropping rice croppong system under different cultivation patteans with different grain yield and nitrogen use efficiency targets in hunan province. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
281	28.17	113.65	rice	1.36	6.30	18.49	1.09	31.67	25.90	1104.00	496.50	160.00	0.22	Sun X. (2013). Net global warming potentials of double-rice cropping rice croppong system under different cultivation patteans with different grain yield and nitrogen use efficiency targets in hunan province. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
282	28.17	113.65	rice	1.36	6.30	18.49	1.09	31.67	25.90	1104.00	496.50	135.00	0.22	Sun X. (2013). Net global warming potentials of double-rice cropping rice croppong system under different cultivation patteans with different grain yield and nitrogen use efficiency targets in hunan province. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)

283	28.17	113.65	rice	1.36	6.30	18.49	1.09	31.67	25.90	1104.00	496.50	175.00	0.33	Sun X. (2013). Net global warming potentials of double-rice cropping rice croppong system under different cultivation patteans with different grain yield and nitrogen use efficiency targets in hunan province. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
284	28.17	113.65	rice	1.36	6.30	18.49	1.09	31.67	25.90	1104.00	496.50	165.00	0.30	Sun X. (2013). Net global warming potentials of double-rice cropping rice croppong system under different cultivation patteans with different grain yield and nitrogen use efficiency targets in hunan province. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
285	33.51	119.15	rice	1.46	7.50	14.07	1.77	34.20	24.90	600.00	777.00	0.00	0.10	Li B. (2013). Effects of combined application with organic and inorganic fertilizers on rice growth and greenhouse gas emission from double-cropping paddy field. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
286	33.51	119.15	rice	1.46	7.50	14.07	1.92	34.20	24.90	600.00	777.00	127.50	0.24	Li B. (2013). Effects of combined application with organic and inorganic fertilizers on rice growth and greenhouse gas emission from double-cropping paddy field. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
287	33.51	119.15	rice	1.46	7.50	14.07	1.93	34.20	24.90	600.00	777.00	150.00	0.34	Li B. (2013). Effects of combined application with organic and inorganic fertilizers on rice growth and greenhouse gas emission from double-cropping paddy field. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
288	33.51	119.15	rice	1.46	7.50	14.07	1.93	34.20	24.90	600.00	777.00	0.00	0.08	Li B. (2013). Effects of combined application with organic and inorganic fertilizers on rice growth and greenhouse gas emission from double-cropping paddy field. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
289	33.51	119.15	rice	1.46	7.50	14.07	1.84	34.20	24.90	600.00	777.00	127.50	0.21	Li B. (2013). Effects of combined application with organic and inorganic fertilizers on rice growth and greenhouse gas emission from double-cropping paddy field. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
290	33.51	119.15	rice	1.46	7.50	14.07	1.57	34.20	24.90	600.00	777.00	150.00	0.35	Li B. (2013). Effects of combined application with organic and inorganic fertilizers on rice growth and greenhouse gas emission from double-cropping paddy field. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
291	33.51	119.15	rice	1.46	7.50	14.07	1.88	34.20	24.90	600.00	777.00	0.00	0.04	Li B. (2013). Effects of combined application with organic and inorganic fertilizers on rice growth and greenhouse gas emission from double-cropping paddy field. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
292	33.51	119.15	rice	1.46	7.50	14.07	1.75	34.20	24.90	600.00	777.00	127.50	0.32	Li B. (2013). Effects of combined application with organic and inorganic fertilizers on rice growth and greenhouse gas emission from double-cropping paddy field. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
293	33.51	119.15	rice	1.46	7.50	14.07	1.48	34.20	24.90	600.00	777.00	150.00	0.49	Li B. (2013). Effects of combined application with organic and inorganic fertilizers on rice growth and greenhouse gas emission from double-cropping paddy field. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
294	33.51	119.15	rice	1.46	7.50	14.07	2.02	34.20	24.90	600.00	777.00	0.00	0.06	Li B. (2013). Effects of combined application with organic and inorganic fertilizers on rice growth and greenhouse gas emission from double-cropping paddy field. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
295	33.51	119.15	rice	1.46	7.50	14.07	1.66	34.20	24.90	600.00	777.00	127.50	0.22	Li B. (2013). Effects of combined application with organic and inorganic fertilizers on rice growth and greenhouse gas emission from double-cropping paddy field. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
296	33.51	119.15	rice	1.46	7.50	14.07	1.39	34.20	24.90	600.00	777.00	150.00	0.33	Li B. (2013). Effects of combined application with organic and inorganic fertilizers on rice growth and greenhouse gas emission from double-cropping paddy field. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
297	31.61	121.62	rice	1.42	7.90	9.43	0.88	40.00	23.78	727.20	894.60	0.00	0.10	Zhang X.et al. (2013). Greenhouse gases emission patterns in paddy fields under different fertilization conditions in Chongming Island, Shanghai. (in Chinese with English abstract). Journal of Shanghai Jiao Tong University. 31(2)
298	31.61	121.62	rice	1.42	7.90	9.43	0.88	40.00	23.78	727.20	894.60	150.00	0.14	Zhang X.et al. (2013). Greenhouse gases emission patterns in paddy fields under different fertilization conditions in Chongming Island, Shanghai. (in Chinese with English abstract). Journal of Shanghai Jiao Tong University. 31(2)
299	31.61	121.62	rice	1.42	7.90	9.43	0.88	40.00	23.78	727.20	894.60	210.00	0.25	Zhang X.et al. (2013). Greenhouse gases emission patterns in paddy fields under different fertilization conditions in Chongming Island, Shanghai. (in Chinese with English abstract). Journal of Shanghai Jiao Tong University. 31(2)
300	31.61	121.62	rice	1.42	7.90	9.43	0.88	40.00	23.78	727.20	894.60	300.00	0.44	Zhang X.et al. (2013). Greenhouse gases emission patterns in paddy fields under different fertilization conditions in Chongming Island, Shanghai. (in Chinese with English abstract). Journal of Shanghai Jiao Tong University. 31(2)
301	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	0.00	0.12	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
302	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	283.50	1.18	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
303	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	283.50	1.34	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
304	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	283.50	1.17	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
305	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	283.50	1.09	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
306	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	283.50	0.80	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
307	41.90	123.43	rice	1.48	6.20	19.54	1.70	46.00	21.25	817.50	820.50	283.50	0.95	Li Z. et al. (2013). Differences in productivity and Ch4 emission among the leading rice varieties released during 1950-2010 in shenyang. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
308	30.43	120.40	rice	1.37	6.27	7.19	0.75	46.25	25.90	837.00	724.50	0.00	0.15	Liu Y. et al. (2013). Effects of biochar application on greenhouse gas emission from paddy soil and its physical and chemical properties. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 24(8): 2166-2172
309	30.43	120.40	rice	1.37	6.27	7.19	0.75	46.25	25.90	837.00	724.50	180.00	0.24	Liu Y. et al. (2013). Effects of biochar application on greenhouse gas emission from paddy soil and its physical and chemical properties. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 24(8): 2166-2172
310	30.43	120.40	rice	1.37	6.27	7.19	0.75	46.25	25.90	837.00	724.50	180.00	0.24	Liu Y. et al. (2013). Effects of biochar application on greenhouse gas emission from paddy soil and its physical and chemical properties. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 24(8): 2166-2172
311	30.43	120.40	rice	1.37	6.27	7.19	0.75	46.25	25.90	837.00	724.50	180.00	0.19	Liu Y. et al. (2013). Effects of biochar application on greenhouse gas emission from paddy soil and its physical and chemical properties. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 24(8): 2166-2172
312	30.43	120.40	rice	1.37	6.27	7.19	0.75	46.25	25.90	837.00	724.50	126.00	0.18	Liu Y. et al. (2013). Effects of biochar application on greenhouse gas emission from paddy soil and its physical and chemical properties. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 24(8): 2166-2172
313	31.55	120.62	rice	1.20	6.40	19.03	1.90	37.00	25.14	750.00	709.50	0.00	0.30	Zhang Y. et al. (2013). Methane and nitrous oxide emission under different paddy-upland crop rotation systems during rice growth season in Taihu lake region. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 21(3): 290-296
314	31.55	120.62	rice	1.20	6.40	19.03	1.90	37.00	25.14	750.00	709.50	240.00	0.34	Zhang Y. et al. (2013). Methane and nitrous oxide emission under different paddy-upland crop rotation systems during rice growth season in Taihu lake region. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 21(3): 290-296
315	31.55	120.62	rice	1.20	6.40	19.03	1.90	37.00	25.14	750.00	709.50	240.00	0.67	Zhang Y. et al. (2013). Methane and nitrous oxide emission under different paddy-upland crop rotation systems during rice growth season in Taihu lake region. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 21(3): 290-296
316	31.55	120.62	rice	1.20	6.40	19.03	1.90	37.00	25.14	750.00	709.50	240.00	0.46	Zhang Y. et al. (2013). Methane and nitrous oxide emission under different paddy-upland crop rotation systems during rice growth season in Taihu lake region. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 21(3): 290-296
317	31.55	120.62	rice	1.20	6.40	19.03	1.90	37.00	25.14	750.00	709.50	240.00	0.52	Zhang Y. et al. (2013). Methane and nitrous oxide emission under different paddy-upland crop rotation systems during rice growth season in Taihu lake region. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 21(3): 290-296
318	31.55	120.62	rice	1.20	6.40	19.03	1.90	37.00	25.14	750.00	709.50	240.00	0.55	Zhang Y. et al. (2013). Methane and nitrous oxide emission under different paddy-upland crop rotation systems during rice growth season in Taihu lake region. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 21(3): 290-296
319	33.51	119.15	rice	1.46	7.50	12.12	0.93	33.55	25.40	720.00	834.00	0.00	0.04	Li B. et al. (2013). Effect of combined application of organic and inorganic fertilizers on Greenhouse gases exchange and comprehensive global warming potential in paddy fields. Journal of soil and water conservation. 27(6)
320	33.51	119.15	rice	1.46	7.50	12.44	0.93	33.55	25.40	720.00	834.00	127.50	0.24	Li B. et al. (2013). Effect of combined application of organic and inorganic fertilizers on Greenhouse gases exchange and comprehensive global warming potential in paddy fields. Journal of soil and water conservation. 27(6)
321	33.51	119.15	rice	1.46	7.50	12.94	0.93	33.55	25.40	720.00	834.00	150.00	0.34	Li B. et al. (2013). Effect of combined application of organic and inorganic fertilizers on Greenhouse gases exchange and comprehensive global warming potential in paddy fields. Journal of soil and water conservation. 27(6)
322	32.02	118.87	rice	1.20	5.50	15.60	1.90	30.10	16.97	1104.60	1810.00	0.00	0.06	Li B. et al. (2014). Effects of nitrogen fertilizer and biochar on net global warmming potential of intensively managed vegetable fields. (in Chinese with English abstract). China Sciencepaper. 9(9)
323	32.02	118.87	rice	1.20	5.50	15.60	1.90	30.10	16.97	1104.60	1810.00	127.50	0.21	Li B. et al. (2014). Effects of nitrogen fertilizer and biochar on net global warmming potential of intensively managed vegetable fields. (in Chinese with English abstract). China Sciencepaper. 9(9)
324	32.02	118.87	rice	1.20	5.50	15.60	1.90	30.10	16.97	1104.60	1810.00	127.50	0.32	Li B. et al. (2014). Effects of nitrogen fertilizer and biochar on net global warmming potential of intensively managed vegetable fields. (in Chinese with English abstract). China Sciencepaper. 9(9)
325	32.02	118.87	rice	1.20	5.50	15.60	1.90	30.10	16.97	1104.60	1810.00	127.50	0.22	Li B. et al. (2014). Effects of nitrogen fertilizer and biochar on net global warmming potential of intensively managed vegetable fields. (in Chinese with English abstract). China Sciencepaper. 9(9)
326	32.02	118.87	rice	1.20	5.50	15.60	1.90	30.10	16.97	1104.60	1810.00	150.00	0.35	Li B. et al. (2014). Effects of nitrogen fertilizer and biochar on net global warmming potential of intensively managed vegetable fields. (in Chinese with English abstract). China Sciencepaper. 9(9)
327	32.02	118.87	rice	1.20	5.50	15.60	1.90	30.10	16.97	1104.60	1810.00	150.00	0.49	Li B. et al. (2014). Effects of nitrogen fertilizer and biochar on net global warmming potential of intensively managed vegetable fields. (in Chinese with English abstract). China Sciencepaper. 9(9)
328	32.02	118.87	rice	1.20	5.50	15.60	1.90	30.10	16.97	1104.60	1810.00	150.00	0.33	Li B. et al. (2014). Effects of nitrogen fertilizer and biochar on net global warmming potential of intensively managed vegetable fields. (in Chinese with English abstract). China Sciencepaper. 9(9)
329	32.38	119.40	rice	1.47	6.80	11.25	1.13	34.18	24.55	532.50	727.50	0.00	0.18	Ma Y. et al. (2013). Effects of the corn organic fertilizer made from maize straw on grain yield of rice and rmission of greenhouse gases from paddy fields. (in Chinese with English abstract). Rice Science in China. 27(5): 520-528
330	32.38	119.40	rice	1.47	6.80	11.89	1.13	34.18	24.55	532.50	727.50	270.00	0.20	Ma Y. et al. (2013). Effects of the corn organic fertilizer made from maize straw on grain yield of rice and rmission of greenhouse gases from paddy fields. (in Chinese with English abstract). Rice Science in China. 27(5): 520-528
331	32.38	119.40	rice	1.47	6.80	11.25	1.13	34.18	24.55	532.50	727.50	0.00	0.18	Ma Y. et al. (2013). Effects of the corn organic fertilizer made from maize straw on grain yield of rice and rmission of greenhouse gases from paddy fields. (in Chinese with English abstract). Rice Science in China. 27(5): 520-528
332	32.38	119.40	rice	1.47	6.80	11.89	1.13	34.18	24.55	532.50	727.50	110.00	0.23	Ma Y. et al. (2013). Effects of the corn organic fertilizer made from maize straw on grain yield of rice and rmission of greenhouse gases from paddy fields. (in Chinese with English abstract). Rice Science in China. 27(5): 520-528
333	32.38	119.40	rice	1.47	6.80	11.25	1.13	34.18	24.55	532.50	727.50	220.00	0.22	Ma Y. et al. (2013). Effects of the corn organic fertilizer made from maize straw on grain yield of rice and rmission of greenhouse gases from paddy fields. (in Chinese with English abstract). Rice Science in China. 27(5): 520-528
334	32.38	119.40	rice	1.47	6.80	11.89	1.13	34.18	24.55	532.50	727.50	180.00	0.24	Ma Y. et al. (2013). Effects of the corn organic fertilizer made from maize straw on grain yield of rice and rmission of greenhouse gases from paddy fields. (in Chinese with English abstract). Rice Science in China. 27(5): 520-528
335	31.50	119.67	rice	1.38	6.70	19.54	1.78	50.00	25.70	637.50	766.50	0.00	0.40	Wang W. (2013). Effects of planting density and N application deceease on greenhouse gas emission and rice yield. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
336	31.50	119.67	rice	1.38	6.70	19.54	1.78	50.00	25.70	637.50	766.50	37.50	0.64	Wang W. (2013). Effects of planting density and N application deceease on greenhouse gas emission and rice yield. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
337	31.50	119.67	rice	1.38	6.70	19.54	1.78	50.00	25.70	637.50	766.50	75.00	1.60	Wang W. (2013). Effects of planting density and N application deceease on greenhouse gas emission and rice yield. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
338	31.50	119.67	rice	1.38	6.70	19.54	1.78	50.00	25.70	637.50	766.50	112.50	0.87	Wang W. (2013). Effects of planting density and N application deceease on greenhouse gas emission and rice yield. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
339	31.50	119.67	rice	1.38	6.70	19.54	1.78	50.00	25.70	637.50	766.50	150.00	1.26	Wang W. (2013). Effects of planting density and N application deceease on greenhouse gas emission and rice yield. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
340	31.50	119.67	rice	1.38	6.70	19.54	1.78	50.00	25.70	637.50	766.50	0.00	0.40	Wang W. (2013). Effects of planting density and N application deceease on greenhouse gas emission and rice yield. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
341	31.50	119.67	rice	1.38	6.70	19.54	1.78	50.00	25.70	637.50	766.50	52.50	0.57	Wang W. (2013). Effects of planting density and N application deceease on greenhouse gas emission and rice yield. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
342	31.50	119.67	rice	1.38	6.70	19.54	1.78	50.00	25.70	637.50	766.50	105.00	0.54	Wang W. (2013). Effects of planting density and N application deceease on greenhouse gas emission and rice yield. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
343	31.50	119.67	rice	1.38	6.70	19.54	1.78	50.00	25.70	637.50	766.50	157.50	0.75	Wang W. (2013). Effects of planting density and N application deceease on greenhouse gas emission and rice yield. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
344	31.50	119.67	rice	1.38	6.70	19.54	1.78	50.00	25.70	637.50	766.50	210.00	0.86	Wang W. (2013). Effects of planting density and N application deceease on greenhouse gas emission and rice yield. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
345	28.13	113.20	rice	1.07	5.20	10.73	1.13	19.00	25.84	712.80	293.40	0.00	0.10	Hou X. et al. (2012). Greenhouse gases emission from paddy fields under different rice straw treatments. (in Chinese with English abstract). China Environmental Science. 32(5): 803-809
346	28.13	113.20	rice	1.07	5.20	10.73	1.13	19.00	25.84	712.80	293.40	165.00	0.18	Hou X. et al. (2012). Greenhouse gases emission from paddy fields under different rice straw treatments. (in Chinese with English abstract). China Environmental Science. 32(5): 803-809
347	28.13	113.20	rice	1.07	5.20	10.73	1.13	19.00	25.93	477.60	465.60	180.00	0.82	Hou X. et al. (2012). Greenhouse gases emission from paddy fields under different rice straw treatments. (in Chinese with English abstract). China Environmental Science. 32(5): 803-809
348	28.17	113.65	rice	1.36	5.70	32.08	1.13	31.67	25.90	1104.00	496.50	0.00	0.05	Shi Y. (2012). Study on Ammonia volatilization and greenhouse gas emission in different cultivation modes of double-harvest rice system. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
349	28.17	113.65	rice	1.36	5.70	32.08	1.13	31.67	25.90	1104.00	496.50	150.00	0.13	Shi Y. (2012). Study on Ammonia volatilization and greenhouse gas emission in different cultivation modes of double-harvest rice system. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
350	28.17	113.65	rice	1.36	5.70	32.08	1.13	31.67	25.90	1104.00	496.50	120.00	0.12	Shi Y. (2012). Study on Ammonia volatilization and greenhouse gas emission in different cultivation modes of double-harvest rice system. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
351	28.17	113.65	rice	1.36	5.70	32.08	1.13	31.67	25.90	1104.00	496.50	180.00	0.10	Shi Y. (2012). Study on Ammonia volatilization and greenhouse gas emission in different cultivation modes of double-harvest rice system. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
352	28.17	113.65	rice	1.36	5.70	32.08	1.13	31.67	25.90	1104.00	496.50	150.00	0.13	Shi Y. (2012). Study on Ammonia volatilization and greenhouse gas emission in different cultivation modes of double-harvest rice system. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
353	28.17	113.65	rice	1.36	5.70	32.08	1.13	31.67	25.90	1104.00	496.50	0.00	0.07	Shi Y. (2012). Study on Ammonia volatilization and greenhouse gas emission in different cultivation modes of double-harvest rice system. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
354	28.17	113.65	rice	1.36	5.70	32.08	1.13	31.67	25.90	1104.00	496.50	165.00	0.11	Shi Y. (2012). Study on Ammonia volatilization and greenhouse gas emission in different cultivation modes of double-harvest rice system. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
355	28.17	113.65	rice	1.36	5.70	32.08	1.13	31.67	25.90	1104.00	496.50	135.00	0.15	Shi Y. (2012). Study on Ammonia volatilization and greenhouse gas emission in different cultivation modes of double-harvest rice system. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
356	28.17	113.65	rice	1.36	5.70	32.08	1.13	31.67	25.90	1104.00	496.50	195.00	0.15	Shi Y. (2012). Study on Ammonia volatilization and greenhouse gas emission in different cultivation modes of double-harvest rice system. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
357	28.17	113.65	rice	1.36	5.70	32.08	1.13	31.67	25.90	1104.00	496.50	165.00	0.14	Shi Y. (2012). Study on Ammonia volatilization and greenhouse gas emission in different cultivation modes of double-harvest rice system. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
358	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	23.35	921.60	349.20	0.00	0.01	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
359	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	23.35	921.60	349.20	184.00	0.09	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
360	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	23.35	921.60	349.20	184.00	0.05	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
361	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	23.35	921.60	349.20	184.00	0.03	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
362	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	23.35	921.60	349.20	184.00	0.02	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
363	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	23.35	921.60	349.20	184.00	0.04	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
364	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	23.35	921.60	349.20	184.00	0.06	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
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366	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	25.93	477.60	465.60	184.00	0.12	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
367	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	25.93	477.60	465.60	184.00	0.11	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
368	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	25.93	477.60	465.60	184.00	0.17	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
369	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	25.93	477.60	465.60	184.00	0.15	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
370	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	25.93	477.60	465.60	184.00	0.17	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
371	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	25.93	477.60	465.60	184.00	0.10	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
372	28.13	113.20	rice	1.07	6.10	19.32	1.79	19.00	25.93	477.60	465.60	184.00	0.12	Fu Z. et al. (2012). Characterization of CH_4， N_2O emission and selection of rice cultivars in double cropping rice fields. (in Chinese with English abstract). Environmental Science. 33(7)
373	26.10	119.30	rice	1.07	5.20	15.70	0.76	19.00	19.38	477.60	541.20	0.00	0.02	Ma Y. et al. (2013). Fuzhou plain two kinds of rice varieties of paddy fields CH_4 and N_2O emission flux dynamics. (in Chinese with English abstract). Wetland Science. 11(2)
374	26.10	119.30	rice	1.07	5.20	15.70	0.76	19.00	19.38	477.60	541.20	148.00	0.11	Ma Y. et al. (2013). Fuzhou plain two kinds of rice varieties of paddy fields CH_4 and N_2O emission flux dynamics. (in Chinese with English abstract). Wetland Science. 11(2)
375	26.10	119.30	rice	1.07	5.20	15.70	0.76	19.00	19.38	477.60	541.20	148.00	0.27	Ma Y. et al. (2013). Fuzhou plain two kinds of rice varieties of paddy fields CH_4 and N_2O emission flux dynamics. (in Chinese with English abstract). Wetland Science. 11(2)
376	28.36	112.82	rice	1.37	6.60	20.60	2.05	40.23	27.67	1002.00	556.50	0.00	0.07	Liu X. (2010). Effects of soil organic amendment on productivity and greenhouse gas mitigation of croplands: field studies and synthetic analysis. (in Chinese with English abstract). Doctor dissertation of Nanjing Agricultral University (Nanjing, China)
377	28.36	112.82	rice	1.37	6.60	20.60	2.05	40.23	27.67	1002.00	556.50	330.00	1.20	Liu X. (2010). Effects of soil organic amendment on productivity and greenhouse gas mitigation of croplands: field studies and synthetic analysis. (in Chinese with English abstract). Doctor dissertation of Nanjing Agricultral University (Nanjing, China)
378	28.38	116.23	rice	1.25	6.90	16.30	1.49	35.50	21.64	1731.00	505.50	0.00	0.27	Liu X. (2010). Effects of soil organic amendment on productivity and greenhouse gas mitigation of croplands: field studies and synthetic analysis. (in Chinese with English abstract). Doctor dissertation of Nanjing Agricultral University (Nanjing, China)

379	28.38	116.23	rice	1.25	6.90	16.30	1.49	35.50	21.64	1731.00	505.50	180.00	0.52	Liu X. (2010). Effects of soil organic amendment on productivity and greenhouse gas mitigation of croplands: field studies and synthetic analysis. (in Chinese with English abstract). Doctor dissertation of Nanjing Agricultral University (Nanjing, China)
380	28.33	116.08	rice	1.22	5.10	18.89	2.80	30.00	27.51	190.80	366.00	0.00	0.29	Shang Q. et al. (2015). Effects of water regime on yield-scaled global warming potential under double rice-cropping system with straw returning. (in Chinese with English abstract). Rice Science in China. 29(2): 181-190
381	28.33	116.08	rice	1.22	5.10	18.89	2.80	30.00	27.51	190.80	366.00	150.00	0.49	Shang Q. et al. (2015). Effects of water regime on yield-scaled global warming potential under double rice-cropping system with straw returning. (in Chinese with English abstract). Rice Science in China. 29(2): 181-190
382	28.33	116.08	rice	1.22	5.10	18.89	2.80	30.00	27.51	190.80	366.00	150.00	0.65	Shang Q. et al. (2015). Effects of water regime on yield-scaled global warming potential under double rice-cropping system with straw returning. (in Chinese with English abstract). Rice Science in China. 29(2): 181-190
383	28.33	116.08	rice	1.22	5.10	18.89	2.80	30.00	27.51	190.80	366.00	150.00	1.69	Shang Q. et al. (2015). Effects of water regime on yield-scaled global warming potential under double rice-cropping system with straw returning. (in Chinese with English abstract). Rice Science in China. 29(2): 181-190
384	28.33	116.08	rice	1.22	5.10	18.89	2.80	30.00	27.51	190.80	366.00	180.00	0.67	Shang Q. et al. (2015). Effects of water regime on yield-scaled global warming potential under double rice-cropping system with straw returning. (in Chinese with English abstract). Rice Science in China. 29(2): 181-190
385	28.33	116.08	rice	1.22	5.10	18.89	2.80	30.00	27.51	190.80	366.00	180.00	0.60	Shang Q. et al. (2015). Effects of water regime on yield-scaled global warming potential under double rice-cropping system with straw returning. (in Chinese with English abstract). Rice Science in China. 29(2): 181-190
386	28.33	116.08	rice	1.22	5.10	18.89	2.80	30.00	27.51	190.80	366.00	180.00	1.45	Shang Q. et al. (2015). Effects of water regime on yield-scaled global warming potential under double rice-cropping system with straw returning. (in Chinese with English abstract). Rice Science in China. 29(2): 181-190
387	31.27	105.47	rice	1.45	7.30	8.60	1.20	30.93	25.70	460.50	895.50	0.00	0.03	Ming H. et al. (2015). Nitrous oxide and methane emissions from a subtropical rice–rapeseed rotation system in China: A 3-year field case study. Agriculture, Ecosystems & Environment. 212(20): 297-309
388	31.27	105.47	rice	1.45	7.30	8.60	1.20	30.93	25.70	460.50	895.50	150.00	1.17	Ming H. et al. (2015). Nitrous oxide and methane emissions from a subtropical rice–rapeseed rotation system in China: A 3-year field case study. Agriculture, Ecosystems & Environment. 212(20): 297-309
389	31.27	105.47	rice	1.45	7.30	8.60	1.20	30.93	25.70	460.50	895.50	250.00	2.34	Ming H. et al. (2015). Nitrous oxide and methane emissions from a subtropical rice–rapeseed rotation system in China: A 3-year field case study. Agriculture, Ecosystems & Environment. 212(20): 297-309
390	31.27	105.47	rice	1.45	7.30	8.60	1.20	30.93	25.00	727.50	766.50	0.00	0.20	Ming H. et al. (2015). Nitrous oxide and methane emissions from a subtropical rice–rapeseed rotation system in China: A 3-year field case study. Agriculture, Ecosystems & Environment. 212(20): 297-309
391	31.27	105.47	rice	1.45	7.30	8.60	1.20	30.93	25.00	727.50	766.50	150.00	0.48	Ming H. et al. (2015). Nitrous oxide and methane emissions from a subtropical rice–rapeseed rotation system in China: A 3-year field case study. Agriculture, Ecosystems & Environment. 212(20): 297-309
392	31.27	105.47	rice	1.45	7.30	8.60	1.20	30.93	25.00	727.50	766.50	250.00	1.03	Ming H. et al. (2015). Nitrous oxide and methane emissions from a subtropical rice–rapeseed rotation system in China: A 3-year field case study. Agriculture, Ecosystems & Environment. 212(20): 297-309
393	30.12	120.13	rice	1.40	5.40	13.20	1.45	25.00	24.81	961.50	793.50	0.00	0.05	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture, Ecosystems & Environment. 209(1): 26-33
394	30.12	120.13	rice	1.40	5.40	13.20	1.45	25.00	24.81	961.50	793.50	200.00	0.46	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture, Ecosystems & Environment. 209(1): 26-33
395	30.12	120.13	rice	1.40	5.40	13.20	1.45	25.00	24.81	961.50	793.50	200.00	0.43	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture, Ecosystems & Environment. 209(1): 26-33
396	30.12	120.13	rice	1.40	5.40	13.20	1.45	25.00	24.81	961.50	793.50	200.00	0.42	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture, Ecosystems & Environment. 209(1): 26-33
397	30.12	120.13	rice	1.40	5.40	13.20	1.45	25.00	25.13	649.50	718.50	200.00	0.37	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture, Ecosystems & Environment. 209(1): 26-33
398	30.12	120.13	rice	1.40	5.40	13.20	1.45	25.00	25.13	649.50	718.50	200.00	0.35	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture, Ecosystems & Environment. 209(1): 26-33
399	30.12	120.13	rice	1.40	5.40	13.20	1.45	25.00	25.13	649.50	718.50	200.00	0.35	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture, Ecosystems & Environment. 209(1): 26-33
400	31.20	121.13	rice	1.36	7.06	14.36	1.20	44.54	25.66	675.00	666.00	0.00	0.06	Zhao Z. et al. (2015). Assessing impacts of alternative fertilizer management practices on both nitrogen loading and greenhouse gas emissions in rice cultivation. Atmospheric Environment. 119: 393-401
401	31.20	121.13	rice	1.36	7.18	14.36	1.15	44.54	25.66	675.00	666.00	300.00	0.97	Zhao Z. et al. (2015). Assessing impacts of alternative fertilizer management practices on both nitrogen loading and greenhouse gas emissions in rice cultivation. Atmospheric Environment. 119: 393-401
402	31.20	121.13	rice	1.36	7.06	14.36	1.20	44.54	26.65	598.50	804.00	0.00	0.05	Zhao Z. et al. (2015). Assessing impacts of alternative fertilizer management practices on both nitrogen loading and greenhouse gas emissions in rice cultivation. Atmospheric Environment. 119: 393-401
403	31.20	121.13	rice	1.36	7.18	14.36	1.15	44.54	26.65	598.50	804.00	300.00	1.34	Zhao Z. et al. (2015). Assessing impacts of alternative fertilizer management practices on both nitrogen loading and greenhouse gas emissions in rice cultivation. Atmospheric Environment. 119: 393-401
404	31.20	121.13	rice	1.36	7.06	14.36	1.20	44.54	26.65	598.50	804.00	300.00	0.81	Zhao Z. et al. (2015). Assessing impacts of alternative fertilizer management practices on both nitrogen loading and greenhouse gas emissions in rice cultivation. Atmospheric Environment. 119: 393-401
405	31.20	121.13	rice	1.36	7.18	14.36	1.15	44.54	26.65	598.50	804.00	300.00	0.48	Zhao Z. et al. (2015). Assessing impacts of alternative fertilizer management practices on both nitrogen loading and greenhouse gas emissions in rice cultivation. Atmospheric Environment. 119: 393-401
406	31.20	121.13	rice	1.36	7.06	14.36	1.20	44.54	26.65	598.50	804.00	300.00	0.84	Zhao Z. et al. (2015). Assessing impacts of alternative fertilizer management practices on both nitrogen loading and greenhouse gas emissions in rice cultivation. Atmospheric Environment. 119: 393-401
407	31.20	121.13	rice	1.36	7.18	14.36	1.15	44.54	26.65	598.50	804.00	300.00	0.22	Zhao Z. et al. (2015). Assessing impacts of alternative fertilizer management practices on both nitrogen loading and greenhouse gas emissions in rice cultivation. Atmospheric Environment. 119: 393-401
408	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.70	744.00	624.00	0.00	0.13	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-101
409	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.70	744.00	624.00	150.00	0.25	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-102
410	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.70	744.00	624.00	120.00	0.21	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-103
411	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.70	744.00	624.00	150.00	0.21	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-104
412	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.70	744.00	624.00	180.00	0.30	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-105
413	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.90	1050.00	438.00	0.00	0.08	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-106
414	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.90	1050.00	438.00	150.00	0.14	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-107
415	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.90	1050.00	438.00	120.00	0.15	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-108
416	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.90	1050.00	438.00	150.00	0.19	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-109
417	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.90	1050.00	438.00	180.00	0.21	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-110
418	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	26.76	832.50	624.00	0.00	0.10	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-111
419	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.41	832.50	624.00	150.00	0.16	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-112
420	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.41	832.50	624.00	120.00	0.17	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-113
421	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.41	832.50	624.00	150.00	0.22	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-114
422	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.41	832.50	624.00	180.00	0.22	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-115
423	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	24.60	744.00	624.00	0.00	0.18	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-116
424	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	24.60	744.00	624.00	165.00	0.44	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-117
425	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	24.60	744.00	624.00	135.00	0.34	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-118
426	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	24.60	744.00	624.00	165.00	0.64	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-119
427	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	24.60	744.00	624.00	195.00	0.67	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-120
428	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.90	1050.00	438.00	0.00	0.16	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-121
429	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.90	1050.00	438.00	165.00	0.44	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-122
430	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.90	1050.00	438.00	135.00	0.37	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-123
431	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.90	1050.00	438.00	165.00	0.63	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-124
432	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	25.90	1050.00	438.00	195.00	0.72	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-125
433	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	26.76	832.50	624.00	0.00	0.09	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-126
434	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	26.76	832.50	624.00	165.00	0.37	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-127
435	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	26.76	832.50	624.00	135.00	0.14	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-128
436	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	26.76	832.50	624.00	165.00	0.39	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-129
437	28.15	113.62	rice	1.14	6.30	18.40	1.09	31.67	26.76	832.50	624.00	195.00	0.40	Liu Y. et al. (2015). Net global warming potential and greenhouse gas intensity from the double rice system with integrated soil–crop system management A three-year field study. Atmospheric Environment. 116:92-130
438	31.97	119.30	rice	1.40	6.90	11.50	1.30	25.00	25.63	642.00	793.50	0.00	0.06	Liu G. et al. (2015). Effects of straw incorporation along with microbial inoculant on methane and nitrous oxide emissions from rice fields. Science of The Total Environment. 518(15): 209-216.
439	31.97	119.30	rice	1.40	6.90	11.50	1.30	25.00	25.63	642.00	793.50	240.00	0.20	Liu G. et al. (2015). Effects of straw incorporation along with microbial inoculant on methane and nitrous oxide emissions from rice fields. Science of The Total Environment. 518(15): 209-216.
440	31.97	119.30	rice	1.40	6.90	11.50	1.30	25.00	24.26	707.00	793.50	240.00	0.86	Liu G. et al. (2015). Effects of straw incorporation along with microbial inoculant on methane and nitrous oxide emissions from rice fields. Science of The Total Environment. 518(15): 209-216.
441	31.97	119.30	rice	1.40	6.90	11.50	1.30	25.00	24.26	707.00	793.50	240.00	0.63	Liu G. et al. (2015). Effects of straw incorporation along with microbial inoculant on methane and nitrous oxide emissions from rice fields. Science of The Total Environment. 518(15): 209-216.
442	31.53	120.70	rice	1.12	7.60	35.00	2.12	33.91	25.90	822.00	952.50	0.00	0.13	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203(1): 36-45
443	31.53	120.70	rice	1.12	7.60	35.00	2.12	33.91	25.90	822.00	952.50	300.00	0.27	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203(1): 36-45
444	31.53	120.70	rice	1.12	7.60	35.00	2.12	33.91	25.90	822.00	952.50	225.00	0.45	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203(1): 36-45
445	31.53	120.70	rice	1.12	7.60	35.00	2.12	33.91	25.90	822.00	952.50	365.00	1.07	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203(1): 36-45
446	31.53	120.70	rice	1.12	7.60	35.00	2.12	33.91	26.15	651.00	774.00	0.00	0.44	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203(1): 36-45
447	31.53	120.70	rice	1.12	7.60	35.00	2.12	33.91	26.15	651.00	774.00	300.00	0.55	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203(1): 36-45
448	31.53	120.70	rice	1.12	7.60	35.00	2.12	33.91	26.15	651.00	774.00	225.00	0.62	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203(1): 36-45
449	31.53	120.70	rice	1.12	7.60	35.00	2.12	33.91	26.15	651.00	774.00	365.00	0.98	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203(1): 36-45
450	31.55	120.70	rice	1.40	5.60	15.40	1.79	41.50	25.81	747.00	859.50	0.00	0.05	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202(1): 79-89
451	31.55	120.70	rice	1.40	5.60	15.40	1.79	41.50	25.81	747.00	859.50	240.00	0.18	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202(1): 79-89
452	31.55	120.70	rice	1.40	5.60	15.40	1.79	41.50	25.81	747.00	859.50	240.00	0.30	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202(1): 79-89
453	31.55	120.70	rice	1.40	5.60	15.40	1.79	41.50	25.81	747.00	859.50	240.00	0.27	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202(1): 79-89
454	31.55	120.70	rice	1.40	5.60	15.40	1.79	41.50	25.44	643.50	771.00	240.00	0.12	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202(1): 79-89
455	31.55	120.70	rice	1.40	5.60	15.40	1.79	41.50	25.44	643.50	771.00	240.00	0.22	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202(1): 79-89
456	31.55	120.70	rice	1.40	5.60	15.40	1.79	41.50	25.44	643.50	771.00	240.00	0.32	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202(1): 79-89
457	31.55	120.70	rice	1.40	5.60	15.40	1.79	41.50	25.13	649.50	718.50	240.00	1.57	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202(1): 79-89
458	31.55	120.70	rice	1.40	5.60	15.40	1.79	41.50	24.81	961.50	793.50	240.00	0.57	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202(1): 79-89
459	31.55	120.70	rice	1.40	5.60	15.40	1.79	41.50	24.81	961.50	793.50	240.00	0.31	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202(1): 79-89
460	31.45	120.42	rice	1.40	6.50	19.50	1.82	37.00	24.84	1015.50	840.00	0.00	0.80	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
461	31.45	120.42	rice	1.40	6.50	19.50	1.82	37.00	24.84	1015.50	840.00	225.00	1.88	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
462	31.45	120.42	rice	1.40	6.50	19.50	1.82	37.00	24.84	1015.50	840.00	225.00	1.01	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
463	31.45	120.42	rice	1.40	6.50	19.50	1.82	37.00	24.84	1015.50	840.00	225.00	2.38	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
464	31.45	120.42	rice	1.40	6.50	19.50	1.82	37.00	24.84	1015.50	840.00	225.00	1.38	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
465	26.10	119.30	rice	1.07	5.20	15.70	0.76	19.00	19.38	477.60	541.20	0.00	0.22	Wang W. et al. (2015). Effects of steel slag application on greenhouse gas emissions and crop yield over multiple growing seasons in a subtropical paddy field in China. Field Crops Research. 171(1): 146-156
466	26.10	119.30	rice	1.07	5.20	15.70	0.76	19.00	19.38	477.60	541.20	95.00	2.01	Wang W. et al. (2015). Effects of steel slag application on greenhouse gas emissions and crop yield over multiple growing seasons in a subtropical paddy field in China. Field Crops Research. 171(1): 146-156
467	26.10	119.30	rice	1.07	5.20	15.70	0.76	19.00	19.38	477.60	541.20	95.00	1.59	Wang W. et al. (2015). Effects of steel slag application on greenhouse gas emissions and crop yield over multiple growing seasons in a subtropical paddy field in China. Field Crops Research. 171(1): 146-156
468	26.10	119.30	rice	1.07	5.20	15.70	0.76	19.00	19.38	477.60	541.20	95.00	1.50	Wang W. et al. (2015). Effects of steel slag application on greenhouse gas emissions and crop yield over multiple growing seasons in a subtropical paddy field in China. Field Crops Research. 171(1): 146-156
469	26.10	119.30	rice	1.07	5.20	15.70	0.76	19.00	19.38	477.60	541.20	95.00	0.68	Wang W. et al. (2015). Effects of steel slag application on greenhouse gas emissions and crop yield over multiple growing seasons in a subtropical paddy field in China. Field Crops Research. 171(1): 146-156
470	26.10	119.30	rice	1.07	5.20	15.70	0.76	19.00	19.38	477.60	541.20	95.00	0.43	Wang W. et al. (2015). Effects of steel slag application on greenhouse gas emissions and crop yield over multiple growing seasons in a subtropical paddy field in China. Field Crops Research. 171(1): 146-156
471	26.10	119.30	rice	1.07	5.20	15.70	0.76	19.00	19.38	477.60	541.20	95.00	1.77	Wang W. et al. (2015). Effects of steel slag application on greenhouse gas emissions and crop yield over multiple growing seasons in a subtropical paddy field in China. Field Crops Research. 171(1): 146-156
472	26.10	119.30	rice	1.07	5.20	15.70	0.76	19.00	19.38	477.60	541.20	95.00	0.24	Wang W. et al. (2015). Effects of steel slag application on greenhouse gas emissions and crop yield over multiple growing seasons in a subtropical paddy field in China. Field Crops Research. 171(1): 146-156
473	26.10	119.30	rice	1.07	5.20	15.70	0.76	19.00	19.38	477.60	541.20	95.00	0.36	Wang W. et al. (2015). Effects of steel slag application on greenhouse gas emissions and crop yield over multiple growing seasons in a subtropical paddy field in China. Field Crops Research. 171(1): 146-156
474	31.27	119.95	rice	1.40	6.25	14.50	1.56	25.00	25.13	649.50	718.50	0.00	0.05	Sun H. et al. (2015). Rice production, nitrous oxide emission and ammonia volatilizationas impacted by the nitrification inhibitor2-chloro-6-(trichloromethyl)-pyridine. Field Crops Research. 173(1): 1-7

475	31.27	119.95	rice	1.40	6.25	14.50	1.56	25.00	25.13	649.50	718.50	180.00	1.02	Sun H. et al. (2015). Rice production, nitrous oxide emission and ammonia volatilizationas impacted by the nitrification inhibitor2-chloro-6-(trichloromethyl)-pyridine. Field Crops Research. 173(1): 1-7
476	31.27	119.95	rice	1.40	6.25	14.50	1.56	25.00	25.13	649.50	718.50	240.00	1.19	Sun H. et al. (2015). Rice production, nitrous oxide emission and ammonia volatilizationas impacted by the nitrification inhibitor2-chloro-6-(trichloromethyl)-pyridine. Field Crops Research. 173(1): 1-7
477	31.27	119.95	rice	1.40	6.25	14.50	1.56	25.00	25.98	636.00	793.50	180.00	0.44	Sun H. et al. (2015). Rice production, nitrous oxide emission and ammonia volatilizationas impacted by the nitrification inhibitor2-chloro-6-(trichloromethyl)-pyridine. Field Crops Research. 173(1): 1-7
478	31.27	119.95	rice	1.40	6.25	14.50	1.56	25.00	25.98	636.00	793.50	240.00	0.59	Sun H. et al. (2015). Rice production, nitrous oxide emission and ammonia volatilizationas impacted by the nitrification inhibitor2-chloro-6-(trichloromethyl)-pyridine. Field Crops Research. 173(1): 1-7
479	31.61	121.62	rice	1.40	7.90	15.65	1.28	21.00	25.20	681.00	781.50	0.00	0.10	Zhang X et al. (2014). Comparison of greenhouse gas emissions from rice paddy fieldsunder different nitrogen fertilization loads in Chongming Island,Eastern China. Science of The Total Environment. 472(15): 381-388
480	31.61	121.62	rice	1.40	7.90	15.65	1.28	21.00	25.20	681.00	781.50	150.00	0.15	Zhang X et al. (2014). Comparison of greenhouse gas emissions from rice paddy fieldsunder different nitrogen fertilization loads in Chongming Island,Eastern China. Science of The Total Environment. 472(15): 381-388
481	31.61	121.62	rice	1.40	7.90	15.65	1.28	21.00	25.20	681.00	781.50	210.00	0.25	Zhang X et al. (2014). Comparison of greenhouse gas emissions from rice paddy fieldsunder different nitrogen fertilization loads in Chongming Island,Eastern China. Science of The Total Environment. 472(15): 381-388
482	31.61	121.62	rice	1.40	7.90	15.65	1.28	21.00	25.20	681.00	781.50	300.00	0.45	Zhang X et al. (2014). Comparison of greenhouse gas emissions from rice paddy fieldsunder different nitrogen fertilization loads in Chongming Island,Eastern China. Science of The Total Environment. 472(15): 381-388
483	31.53	120.70	rice	1.12	5.09	19.72	1.98	33.91	25.90	822.00	952.50	0.00	0.78	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
484	31.53	120.70	rice	1.12	5.09	19.72	1.98	23.91	25.90	822.00	952.50	180.00	8.69	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
485	31.53	120.70	rice	1.12	5.09	19.72	1.98	33.91	26.15	651.00	774.00	0.00	0.12	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
486	31.53	120.70	rice	1.12	5.09	19.72	1.98	23.91	26.15	651.00	774.00	180.00	9.80	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
487	31.53	120.70	rice	1.12	5.09	19.72	1.98	33.91	26.15	651.00	774.00	180.00	6.86	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
488	31.53	120.70	rice	1.12	5.09	19.72	1.98	23.91	26.15	651.00	774.00	180.00	7.18	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
489	31.53	120.70	rice	1.12	5.09	19.72	1.98	33.91	26.15	651.00	774.00	180.00	1.12	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
490	31.53	120.70	rice	1.12	5.09	19.72	1.98	23.91	26.15	651.00	774.00	180.00	1.00	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
491	28.55	113.32	rice	1.07	5.31	18.40	1.98	19.00	24.70	547.20	591.60	0.00	0.10	Shen J. et al. (2014). Contrasting effects of straw and straw-derived biochar amendments on greenhouse gas emissions within double rice cropping systems. Agriculture, Ecosystems & Environment. 188(15): 264-274
492	28.55	113.32	rice	1.07	5.31	18.40	1.98	19.00	24.70	547.20	591.60	150.00	0.45	Shen J. et al. (2014). Contrasting effects of straw and straw-derived biochar amendments on greenhouse gas emissions within double rice cropping systems. Agriculture, Ecosystems & Environment. 188(15): 264-274
493	28.55	113.32	rice	1.07	5.31	18.40	1.98	19.00	25.09	954.00	412.80	120.00	1.11	Shen J. et al. (2014). Contrasting effects of straw and straw-derived biochar amendments on greenhouse gas emissions within double rice cropping systems. Agriculture, Ecosystems & Environment. 188(15): 264-274
494	31.87	118.83	rice	1.23	6.70	14.80	1.50	54.00	25.10	783.00	841.50	0.00	0.65	Liu S.et al.(2014). Methane and nitrous oxide emissions from direct-seeded and seedling-transplanted rice paddies in southeast China.Plant and Soil. 374: 285–297
495	31.87	118.83	rice	1.23	6.70	14.80	1.50	54.00	25.10	783.00	841.50	250.00	1.79	Liu S.et al.(2014). Methane and nitrous oxide emissions from direct-seeded and seedling-transplanted rice paddies in southeast China.Plant and Soil. 374: 285–297
496	31.87	118.83	rice	1.23	6.70	14.80	1.50	54.00	25.10	783.00	841.50	0.00	0.95	Liu S.et al.(2014). Methane and nitrous oxide emissions from direct-seeded and seedling-transplanted rice paddies in southeast China.Plant and Soil. 374: 285–297
497	31.87	118.83	rice	1.23	6.70	14.80	1.50	54.00	25.10	783.00	841.50	250.00	2.69	Liu S.et al.(2014). Methane and nitrous oxide emissions from direct-seeded and seedling-transplanted rice paddies in southeast China.Plant and Soil. 374: 285–297
498	31.98	119.26	rice	1.58	6.91	11.59	1.50	16.00	25.94	760.50	804.00	150.00	2.48	Liu S.et al.(2014). Methane and nitrous oxide emissions from direct-seeded and seedling-transplanted rice paddies in southeast China.Plant and Soil. 374: 285–297
499	31.98	119.26	rice	1.58	6.91	11.59	1.50	16.00	25.94	760.50	804.00	150.00	1.47	Liu S.et al.(2014). Methane and nitrous oxide emissions from direct-seeded and seedling-transplanted rice paddies in southeast China.Plant and Soil. 374: 285–297
500	31.98	119.26	rice	1.58	6.91	11.59	1.50	16.00	25.57	688.50	855.00	150.00	2.25	Liu S.et al.(2014). Methane and nitrous oxide emissions from direct-seeded and seedling-transplanted rice paddies in southeast China.Plant and Soil. 374: 285–297
501	31.98	119.26	rice	1.58	6.91	11.59	1.50	16.00	25.57	688.50	855.00	150.00	1.96	Liu S.et al.(2014). Methane and nitrous oxide emissions from direct-seeded and seedling-transplanted rice paddies in southeast China.Plant and Soil. 374: 285–297
502	31.98	119.26	rice	1.58	6.91	11.59	1.50	16.00	25.57	688.50	855.00	150.00	2.27	Liu S.et al.(2014). Methane and nitrous oxide emissions from direct-seeded and seedling-transplanted rice paddies in southeast China.Plant and Soil. 374: 285–297
503	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.79	600.00	819.00	0.00	0.10	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
504	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.79	600.00	819.00	300.00	1.47	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
505	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.79	600.00	819.00	300.00	1.32	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
506	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.79	600.00	819.00	300.00	0.77	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
507	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.79	600.00	819.00	300.00	1.26	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
508	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.79	600.00	819.00	300.00	0.85	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
509	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.79	600.00	819.00	300.00	0.83	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
510	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.31	750.00	880.50	300.00	1.60	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
511	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.31	750.00	880.50	300.00	1.31	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
512	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.31	750.00	880.50	300.00	1.62	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
513	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.31	750.00	880.50	300.00	1.55	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
514	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.31	750.00	880.50	300.00	1.84	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
515	34.20	119.92	rice	1.37	7.90	9.98	0.91	26.00	25.31	750.00	880.50	300.00	1.45	Hang X.et al.(2014). Differences in rice yield and CH_4 and N_2O emissions among mechanical planting methods with straw incorporation in Jianghuai area, China. Soil and Tillage Research. 144: 205-210
516	32.63	110.80	rice	1.30	6.20	3.60	1.18	33.82	22.90	661.50	724.50	0.00	0.09	Yao Z.et al.(2014). Water-saving ground cover rice production system reduces net greenhouse gas fluxes in an annual rice-based cropping system. Biogeosciences. 11: 6221–6236
517	32.63	110.80	rice	1.30	6.20	3.60	1.18	33.82	22.90	661.50	724.50	150.00	0.21	Yao Z.et al.(2014). Water-saving ground cover rice production system reduces net greenhouse gas fluxes in an annual rice-based cropping system. Biogeosciences. 11: 6221–6236
518	32.63	110.80	rice	1.30	6.20	3.60	1.18	33.82	22.90	661.50	724.50	0.00	0.12	Yao Z.et al.(2014). Water-saving ground cover rice production system reduces net greenhouse gas fluxes in an annual rice-based cropping system. Biogeosciences. 11: 6221–6236
519	32.63	110.80	rice	1.30	6.20	3.60	1.18	33.82	22.90	661.50	724.50	150.00	0.15	Yao Z.et al.(2014). Water-saving ground cover rice production system reduces net greenhouse gas fluxes in an annual rice-based cropping system. Biogeosciences. 11: 6221–6236
520	32.63	110.80	rice	1.30	6.20	3.60	1.18	33.82	22.90	661.50	724.50	150.00	0.33	Yao Z.et al.(2014). Water-saving ground cover rice production system reduces net greenhouse gas fluxes in an annual rice-based cropping system. Biogeosciences. 11: 6221–6236
521	31.97	119.30	rice	1.39	6.91	4.01	1.70	44.00	25.57	688.50	855.00	0.00	0.10	Ji Y.et al.(2013). Effect of controlled-release fertilizer on mitigation of N_2O emission from paddy field in South China: a multi-year field observation. Plant and Soil. 371: 473–486
522	31.97	119.30	rice	1.39	6.91	4.01	1.70	44.00	25.57	688.50	855.00	240.00	0.33	Ji Y.et al.(2013). Effect of controlled-release fertilizer on mitigation of N_2O emission from paddy field in South China: a multi-year field observation. Plant and Soil. 371: 473–486
523	31.97	119.30	rice	1.39	6.91	4.01	1.70	44.00	25.73	781.50	907.50	0.00	0.05	Ji Y.et al.(2013). Effect of controlled-release fertilizer on mitigation of N_2O emission from paddy field in South China: a multi-year field observation. Plant and Soil. 371: 473–486
524	31.97	119.30	rice	1.39	6.91	4.01	1.70	44.00	25.73	781.50	907.50	240.00	0.23	Ji Y.et al.(2013). Effect of controlled-release fertilizer on mitigation of N_2O emission from paddy field in South China: a multi-year field observation. Plant and Soil. 371: 473–486
525	31.97	119.30	rice	1.39	6.91	4.01	1.70	44.00	25.63	642.00	793.50	0.00	0.19	Ji Y.et al.(2013). Effect of controlled-release fertilizer on mitigation of N_2O emission from paddy field in South China: a multi-year field observation. Plant and Soil. 371: 473–486
526	31.97	119.30	rice	1.39	6.91	4.01	1.70	44.00	25.63	642.00	793.50	240.00	1.68	Ji Y.et al.(2013). Effect of controlled-release fertilizer on mitigation of N_2O emission from paddy field in South China: a multi-year field observation. Plant and Soil. 371: 473–486
527	31.97	119.30	rice	1.40	6.91	14.36	1.70	26.00	24.87	823.50	837.00	0.00	0.05	Ji Y.et al.(2013). Effect of controlled-release fertilizer on mitigation of N_2O emission from paddy field in South China: a multi-year field observation. Plant and Soil. 371: 473–486
528	31.97	119.30	rice	1.40	6.91	14.36	1.70	26.00	24.87	823.50	837.00	240.00	0.65	Ji Y.et al.(2013). Effect of controlled-release fertilizer on mitigation of N_2O emission from paddy field in South China: a multi-year field observation. Plant and Soil. 371: 473–486
529	31.97	119.30	rice	1.39	6.91	11.05	1.70	14.00	24.87	823.50	837.00	0.00	0.05	Ji Y.et al.(2013). Effect of controlled-release fertilizer on mitigation of N_2O emission from paddy field in South China: a multi-year field observation. Plant and Soil. 371: 473–486
530	31.97	119.30	rice	1.39	6.91	11.05	1.70	14.00	24.87	823.50	837.00	240.00	0.50	Ji Y.et al.(2013). Effect of controlled-release fertilizer on mitigation of N_2O emission from paddy field in South China: a multi-year field observation. Plant and Soil. 371: 473–486
531	47.58	133.52	rice	1.51	6.50	26.00	1.75	22.00	18.56	457.50	865.50	0.00	0.53	Chen W.et al.(2013). The effect of planting density on carbon dioxide, methane and nitrous oxide emissions from a cold paddy field in the Sanjiang Plain, northeast China. Agriculture, Ecosystems & Environment. 178: 64-70
532	47.58	133.52	rice	1.51	6.50	26.00	1.75	22.00	18.56	457.50	865.50	150.00	1.30	Chen W.et al.(2013). The effect of planting density on carbon dioxide, methane and nitrous oxide emissions from a cold paddy field in the Sanjiang Plain, northeast China. Agriculture, Ecosystems & Environment. 178: 64-70
533	47.58	133.52	rice	1.51	6.50	26.00	1.75	22.00	18.56	457.50	865.50	150.00	1.50	Chen W.et al.(2013). The effect of planting density on carbon dioxide, methane and nitrous oxide emissions from a cold paddy field in the Sanjiang Plain, northeast China. Agriculture, Ecosystems & Environment. 178: 64-70
534	47.58	133.52	rice	1.51	6.50	26.00	1.75	22.00	18.56	457.50	865.50	150.00	1.70	Chen W.et al.(2013). The effect of planting density on carbon dioxide, methane and nitrous oxide emissions from a cold paddy field in the Sanjiang Plain, northeast China. Agriculture, Ecosystems & Environment. 178: 64-70
535	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.10	505.50	879.00	0.00	0.06	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
536	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.10	505.50	879.00	90.00	0.09	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
537	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.10	505.50	879.00	180.00	0.12	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
538	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.10	505.50	879.00	270.00	0.21	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
539	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.10	505.50	879.00	0.00	0.09	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
540	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.10	505.50	879.00	90.00	0.11	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
541	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.10	505.50	879.00	180.00	0.17	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
542	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.10	505.50	879.00	270.00	0.21	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
543	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.81	550.50	901.50	0.00	0.09	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
544	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.81	550.50	901.50	90.00	0.10	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
545	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.81	550.50	901.50	180.00	0.15	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
546	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.81	550.50	901.50	270.00	0.23	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
547	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.34	916.50	874.50	0.00	0.05	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
548	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.34	916.50	874.50	90.00	0.11	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
549	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.34	916.50	874.50	180.00	0.21	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
550	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.34	916.50	874.50	270.00	0.28	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
551	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.50	697.50	940.50	0.00	0.06	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
552	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.50	697.50	940.50	90.00	0.10	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
553	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.50	697.50	940.50	180.00	0.15	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
554	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.50	697.50	940.50	270.00	0.21	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
555	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.10	675.00	775.50	0.00	0.06	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
556	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.10	675.00	775.50	90.00	0.09	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
557	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.10	675.00	775.50	180.00	0.12	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
558	30.83	120.67	rice	1.33	6.90	18.28	2.65	42.40	26.10	675.00	775.50	270.00	0.21	Liang X.et al.(2013). Nitrogen management to reduce yield-scaled global warming potential in rice. Field Crops Research. 146: 66-74
559	31.53	120.70	rice	1.12	7.35	20.39	2.10	33.91	25.90	822.00	952.50	0.00	0.11	Ma Y.et al.(2013). Net global warming potential and greenhouse gas intensity of annual rice–wheat rotations with integrated soil–crop system management. Agriculture, Ecosystems & Environment. 164: 209-219
560	31.53	120.70	rice	1.12	7.35	20.39	2.10	33.91	25.90	822.00	952.50	300.00	0.43	Ma Y.et al.(2013). Net global warming potential and greenhouse gas intensity of annual rice–wheat rotations with integrated soil–crop system management. Agriculture, Ecosystems & Environment. 164: 209-219
561	31.53	120.70	rice	1.12	7.35	20.39	2.10	33.91	25.90	822.00	952.50	225.00	0.25	Ma Y.et al.(2013). Net global warming potential and greenhouse gas intensity of annual rice–wheat rotations with integrated soil–crop system management. Agriculture, Ecosystems & Environment. 164: 209-219
562	31.53	120.70	rice	1.12	7.35	20.39	2.10	33.91	25.90	822.00	952.50	270.00	0.28	Ma Y.et al.(2013). Net global warming potential and greenhouse gas intensity of annual rice–wheat rotations with integrated soil–crop system management. Agriculture, Ecosystems & Environment. 164: 209-219
563	31.53	120.70	rice	1.12	7.35	20.39	2.10	33.91	25.90	822.00	952.50	0.00	0.48	Ma Y.et al.(2013). Net global warming potential and greenhouse gas intensity of annual rice–wheat rotations with integrated soil–crop system management. Agriculture, Ecosystems & Environment. 164: 209-219
564	31.53	120.70	rice	1.12	7.35	20.39	2.10	33.91	25.90	822.00	952.50	300.00	0.61	Ma Y.et al.(2013). Net global warming potential and greenhouse gas intensity of annual rice–wheat rotations with integrated soil–crop system management. Agriculture, Ecosystems & Environment. 164: 209-219
565	31.53	120.70	rice	1.12	7.35	20.39	2.10	33.91	25.90	822.00	952.50	225.00	0.56	Ma Y.et al.(2013). Net global warming potential and greenhouse gas intensity of annual rice–wheat rotations with integrated soil–crop system management. Agriculture, Ecosystems & Environment. 164: 209-219
566	31.53	120.70	rice	1.12	7.35	20.39	2.10	33.91	25.90	822.00	952.50	270.00	0.66	Ma Y.et al.(2013). Net global warming potential and greenhouse gas intensity of annual rice–wheat rotations with integrated soil–crop system management. Agriculture, Ecosystems & Environment. 164: 209-219
567	31.55	120.72	rice	1.20	7.90	11.30	1.96	33.91	25.50	835.50	883.50	0.00	0.18	Wang J.et al.(2013). Methane and nitrous oxide emissions as affected by organic–inorganic mixed fertilizer from a rice paddy in southeast China. Journal of Soils and Sediments. 13: 1408-1417
568	31.55	120.72	rice	1.20	7.90	11.30	1.96	33.91	25.50	835.50	883.50	180.00	0.23	Wang J.et al.(2013). Methane and nitrous oxide emissions as affected by organic–inorganic mixed fertilizer from a rice paddy in southeast China. Journal of Soils and Sediments. 13: 1408-1417
569	31.55	120.72	rice	1.20	7.90	11.30	1.96	33.91	25.50	835.50	883.50	180.00	0.24	Wang J.et al.(2013). Methane and nitrous oxide emissions as affected by organic–inorganic mixed fertilizer from a rice paddy in southeast China. Journal of Soils and Sediments. 13: 1408-1417
570	31.25	120.95	rice	1.40	7.40	12.70	1.03	25.00	25.73	781.50	907.50	0.00	0.18	Xu J.et al.(2013). Gaseous losses of nitrogen by ammonia volatilization and nitrous oxide emissions from rice paddies with different irrigation management. Irrigation Science. 31: 983-994

571	31.25	120.95	rice	1.40	7.40	12.70	1.03	25.00	25.73	781.50	907.50	324.60	1.00	Xu J.et al.(2013). Gaseous losses of nitrogen by ammonia volatilization and nitrous oxide emissions from rice paddies with different irrigation management. Irrigation Science. 31: 983-994
572	31.25	120.95	rice	1.40	7.40	12.70	1.03	25.00	25.73	781.50	907.50	324.60	2.43	Xu J.et al.(2013). Gaseous losses of nitrogen by ammonia volatilization and nitrous oxide emissions from rice paddies with different irrigation management. Irrigation Science. 31: 983-994
573	31.25	120.95	rice	1.40	7.40	12.70	1.03	25.00	25.63	642.00	793.50	302.70	1.48	Xu J.et al.(2013). Gaseous losses of nitrogen by ammonia volatilization and nitrous oxide emissions from rice paddies with different irrigation management. Irrigation Science. 31: 983-994
574	32.58	119.70	rice	1.43	6.90	18.40	1.45	41.21	25.50	697.50	892.50	0.00	0.34	Yao Z.et al.(2013). Greenhouse gas fluxes and NO release from a Chinese subtropical rice-winter wheat rotation system under nitrogen fertilizer management. Biogeosciences. 118, 2: 623-638
575	32.58	119.70	rice	1.43	6.90	18.40	1.45	41.21	25.50	697.50	892.50	150.00	0.65	Yao Z.et al.(2013). Greenhouse gas fluxes and NO release from a Chinese subtropical rice-winter wheat rotation system under nitrogen fertilizer management. Biogeosciences. 118, 2: 623-638
576	32.58	119.70	rice	1.43	6.90	18.40	1.45	41.21	25.50	697.50	892.50	250.00	1.08	Yao Z.et al.(2013). Greenhouse gas fluxes and NO release from a Chinese subtropical rice-winter wheat rotation system under nitrogen fertilizer management. Biogeosciences. 118, 2: 623-638
577	32.58	119.70	rice	1.43	6.90	18.40	1.45	41.21	25.50	697.50	892.50	0.00	0.40	Yao Z.et al.(2013). Greenhouse gas fluxes and NO release from a Chinese subtropical rice-winter wheat rotation system under nitrogen fertilizer management. Biogeosciences. 118, 2: 623-638
578	32.58	119.70	rice	1.43	6.90	18.40	1.45	41.21	25.50	697.50	892.50	150.00	1.16	Yao Z.et al.(2013). Greenhouse gas fluxes and NO release from a Chinese subtropical rice-winter wheat rotation system under nitrogen fertilizer management. Biogeosciences. 118, 2: 623-638
579	32.58	119.70	rice	1.43	6.90	18.40	1.45	41.21	25.50	697.50	892.50	250.00	2.34	Yao Z.et al.(2013). Greenhouse gas fluxes and NO release from a Chinese subtropical rice-winter wheat rotation system under nitrogen fertilizer management. Biogeosciences. 118, 2: 623-638
580	32.58	119.70	rice	1.43	6.90	18.40	1.45	41.21	25.50	697.50	892.50	0.00	0.42	Yao Z.et al.(2013). Greenhouse gas fluxes and NO release from a Chinese subtropical rice-winter wheat rotation system under nitrogen fertilizer management. Biogeosciences. 118, 2: 623-638
581	32.58	119.70	rice	1.43	6.90	18.40	1.45	41.21	25.50	697.50	892.50	150.00	1.00	Yao Z.et al.(2013). Greenhouse gas fluxes and NO release from a Chinese subtropical rice-winter wheat rotation system under nitrogen fertilizer management. Biogeosciences. 118, 2: 623-638
582	32.58	119.70	rice	1.43	6.90	18.40	1.45	41.21	25.50	697.50	892.50	250.00	2.28	Yao Z.et al.(2013). Greenhouse gas fluxes and NO release from a Chinese subtropical rice-winter wheat rotation system under nitrogen fertilizer management. Biogeosciences. 118, 2: 623-638
583	32.58	119.70	rice	1.43	6.90	18.40	1.45	41.21	25.90	775.50	831.00	0.00	0.33	Yao Z.et al.(2013). Greenhouse gas fluxes and NO release from a Chinese subtropical rice-winter wheat rotation system under nitrogen fertilizer management. Biogeosciences. 118, 2: 623-638
584	32.58	119.70	rice	1.43	6.90	18.40	1.45	41.21	25.90	775.50	831.00	150.00	1.83	Yao Z.et al.(2013). Greenhouse gas fluxes and NO release from a Chinese subtropical rice-winter wheat rotation system under nitrogen fertilizer management. Biogeosciences. 118, 2: 623-638
585	32.58	119.70	rice	1.42	8.00	15.40	0.78	15.00	11.66	358.07	727.55	225.00	3.91	Yao Z.et al.(2013). Nitrous oxide and methane fluxes from a ricewheat crop rotation under wheat residue incorporation and no-tillage practices. Atmospheric Environment. 79: 641-649
586	32.58	119.70	rice	1.42	8.00	15.40	0.78	15.00	11.66	358.07	727.55	225.00	2.24	Yao Z.et al.(2013). Nitrous oxide and methane fluxes from a ricewheat crop rotation under wheat residue incorporation and no-tillage practices. Atmospheric Environment. 79: 641-649
587	31.87	118.83	rice	1.08	6.70	14.36	1.65	25.00	24.27	775.50	792.00	0.00	0.03	Jiang J.et al.(2015). Application of herbicides is likely to reduce greenhouse gas (N2O and CH_4) emissions from ricewheat cropping systems.Atmospheric Environment. 107: 62-69
588	31.87	118.83	rice	1.08	6.70	14.36	1.65	25.00	24.27	775.50	792.00	300.00	2.68	Jiang J.et al.(2015). Application of herbicides is likely to reduce greenhouse gas (N2O and CH_4) emissions from ricewheat cropping systems.Atmospheric Environment. 107: 62-69
589	31.87	118.83	rice	1.08	6.70	14.36	1.65	25.00	24.27	775.50	792.00	300.00	2.74	Jiang J.et al.(2015). Application of herbicides is likely to reduce greenhouse gas (N2O and CH_4) emissions from ricewheat cropping systems.Atmospheric Environment. 107: 62-69
590	31.87	118.83	rice	1.08	6.70	14.36	1.65	25.00	24.27	775.50	792.00	300.00	1.95	Jiang J.et al.(2015). Application of herbicides is likely to reduce greenhouse gas (N2O and CH_4) emissions from ricewheat cropping systems.Atmospheric Environment. 107: 62-69
591	31.87	118.83	rice	1.08	6.70	14.36	1.65	25.00	24.27	775.50	792.00	300.00	2.07	Jiang J.et al.(2015). Application of herbicides is likely to reduce greenhouse gas (N2O and CH_4) emissions from ricewheat cropping systems.Atmospheric Environment. 107: 62-69
592	30.08	113.75	rice	1.27	7.84	18.25	1.97	40.58	26.10	853.50	862.50	0.00	0.46	Liu W.et al.(2016). Greenhouse gas emissions, soil quality, and crop productivity from a mono-rice cultivation system as influenced by fallow season straw management.Environmental Science and Pollution Research. 23: 315–328
593	30.08	113.75	rice	1.27	7.84	18.25	1.97	40.58	26.10	853.50	862.50	165.00	0.63	Liu W.et al.(2016). Greenhouse gas emissions, soil quality, and crop productivity from a mono-rice cultivation system as influenced by fallow season straw management.Environmental Science and Pollution Research. 23: 315–328
594	30.08	113.75	rice	1.27	7.84	18.25	1.97	40.58	26.62	757.50	562.50	0.00	0.14	Liu W.et al.(2016). Greenhouse gas emissions, soil quality, and crop productivity from a mono-rice cultivation system as influenced by fallow season straw management.Environmental Science and Pollution Research. 23: 315–328
595	30.08	113.75	rice	1.27	7.84	18.25	1.97	40.58	26.62	757.50	562.50	165.00	0.17	Liu W.et al.(2016). Greenhouse gas emissions, soil quality, and crop productivity from a mono-rice cultivation system as influenced by fallow season straw management.Environmental Science and Pollution Research. 23: 315–328
596	29.85	115.55	rice	1.21	4.79	16.86	2.20	40.00	26.38	904.50	727.50	180.00	1.65	Zhang Z.et al.(2015). Effects of tillage practices and straw returning methods on greenhouse gas emissions and net ecosystem economic budget in ricewheat cropping systems in central China. Atmospheric Environment. 122: 636-644
597	29.85	115.55	rice	1.21	4.79	16.86	2.20	40.00	26.38	904.50	727.50	180.00	1.37	Zhang Z.et al.(2015). Effects of tillage practices and straw returning methods on greenhouse gas emissions and net ecosystem economic budget in ricewheat cropping systems in central China. Atmospheric Environment. 122: 636-644
598	42.08	123.35	rice	1.48	6.20	15.49	1.50	26.00	19.50	637.00	861.00	0.00	0.12	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
599	42.08	123.35	rice	1.48	6.20	15.49	1.50	26.00	19.50	637.00	861.00	270.00	0.56	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
600	42.08	123.35	rice	1.48	6.20	15.49	1.50	26.00	19.50	637.00	861.00	229.50	0.46	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
601	42.08	123.35	rice	1.48	6.20	15.49	1.50	26.00	19.50	637.00	861.00	189.00	0.50	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
602	42.08	123.35	rice	1.48	6.20	15.49	1.50	26.00	19.50	637.00	861.00	148.50	0.24	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
603	42.08	123.35	rice	1.48	6.20	15.49	1.50	26.00	19.50	637.00	861.00	108.00	0.30	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
604	42.08	123.35	rice	1.48	6.20	15.49	1.50	26.00	19.50	637.00	861.00	270.00	0.25	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
605	42.08	123.35	rice	1.48	6.20	15.49	1.50	26.00	19.50	637.00	861.00	229.50	0.22	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
606	42.08	123.35	rice	1.48	6.20	15.49	1.50	26.00	19.50	637.00	861.00	189.00	0.19	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
607	42.08	123.35	rice	1.48	6.20	15.49	1.50	26.00	19.50	637.00	861.00	148.50	0.20	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
608	42.08	123.35	rice	1.48	6.20	15.49	1.50	26.00	19.50	637.00	861.00	108.00	0.14	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
609	31.99	119.58	rice	1.52	6.00	19.49	1.78	21.00	25.70	637.50	766.50	150.00	1.97	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
610	31.99	119.58	rice	1.52	6.00	19.49	1.78	21.00	25.70	637.50	766.50	127.50	1.37	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
611	31.99	119.58	rice	1.52	6.00	19.49	1.78	21.00	25.70	637.50	766.50	105.00	1.05	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
612	31.99	119.58	rice	1.52	6.00	19.49	1.78	21.00	25.70	637.50	766.50	82.50	1.01	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
613	31.99	119.58	rice	1.52	6.00	19.49	1.78	21.00	25.70	637.50	766.50	60.00	0.61	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
614	31.99	119.58	rice	1.52	6.00	19.49	1.78	21.00	25.70	637.50	766.50	210.00	1.30	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
615	31.99	119.58	rice	1.52	6.00	19.49	1.78	21.00	25.70	637.50	766.50	178.50	1.17	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
616	31.99	119.58	rice	1.52	6.00	19.49	1.78	21.00	25.70	637.50	766.50	147.00	1.00	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
617	31.99	119.58	rice	1.52	6.00	19.49	1.78	21.00	25.70	637.50	766.50	115.50	0.88	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
618	31.99	119.58	rice	1.52	6.00	19.49	1.78	21.00	25.70	637.50	766.50	84.00	0.64	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
619	28.62	116.43	rice	1.07	5.20	11.89	1.42	19.00	22.70	1285.50	418.50	180.00	1.44	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
620	28.62	116.43	rice	1.07	5.20	11.89	1.42	19.00	22.70	1285.50	418.50	144.00	1.30	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
621	28.62	116.43	rice	1.07	5.20	11.89	1.42	19.00	22.70	1285.50	418.50	108.00	0.97	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
622	28.62	116.43	rice	1.07	5.20	11.89	1.42	19.00	22.70	1285.50	418.50	72.00	0.60	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
623	28.62	116.43	rice	1.07	5.20	11.89	1.42	19.00	22.70	1285.50	418.50	36.00	0.63	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
624	28.62	116.43	rice	1.07	5.20	11.89	1.42	19.00	26.70	567.60	493.20	225.00	1.26	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
625	28.62	116.43	rice	1.07	5.20	11.89	1.42	19.00	26.70	567.60	493.20	180.00	0.98	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
626	28.62	116.43	rice	1.07	5.20	11.89	1.42	19.00	26.70	567.60	493.20	135.00	0.85	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
627	28.62	116.43	rice	1.07	5.20	11.89	1.42	19.00	26.70	567.60	493.20	90.00	0.89	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
628	28.62	116.43	rice	1.07	5.20	11.89	1.42	19.00	26.70	567.60	493.20	45.00	0.73	Zhu X.et al.(2015). Effects of Dense Planting with less basal N fertilization on rice yield，N use efficiency. International Journal of Agriculture and Biology 17, 6: 1814–9596
629	32.58	119.70	rice	1.47	6.90	18.40	1.45	41.21	25.50	697.50	892.50	0.00	0.40	Yao Z.et al.(2012). A 3-year record of N2O and CH_4 emissions from a sandy loam paddy during rice seasons as affected by different nitrogen application rates. Agriculture, Ecosystems & Environment. 152: 1-9
630	32.58	119.70	rice	1.47	6.90	18.40	1.45	41.21	25.50	697.50	892.50	150.00	1.16	Yao Z.et al.(2012). A 3-year record of N2O and CH_4 emissions from a sandy loam paddy during rice seasons as affected by different nitrogen application rates. Agriculture, Ecosystems & Environment. 152: 1-9
631	32.58	119.70	rice	1.47	6.90	18.40	1.45	41.21	25.50	697.50	892.50	250.00	2.34	Yao Z.et al.(2012). A 3-year record of N2O and CH_4 emissions from a sandy loam paddy during rice seasons as affected by different nitrogen application rates. Agriculture, Ecosystems & Environment. 152: 1-9
632	32.58	119.70	rice	1.47	6.90	18.40	1.45	41.21	25.50	697.50	892.50	0.00	0.42	Yao Z.et al.(2012). A 3-year record of N2O and CH_4 emissions from a sandy loam paddy during rice seasons as affected by different nitrogen application rates. Agriculture, Ecosystems & Environment. 152: 1-9
633	32.58	119.70	rice	1.47	6.90	18.40	1.45	41.21	25.50	697.50	892.50	150.00	1.00	Yao Z.et al.(2012). A 3-year record of N2O and CH_4 emissions from a sandy loam paddy during rice seasons as affected by different nitrogen application rates. Agriculture, Ecosystems & Environment. 152: 1-9
634	32.58	119.70	rice	1.47	6.90	18.40	1.45	41.21	25.50	697.50	892.50	250.00	2.28	Yao Z.et al.(2012). A 3-year record of N2O and CH_4 emissions from a sandy loam paddy during rice seasons as affected by different nitrogen application rates. Agriculture, Ecosystems & Environment. 152: 1-9
635	32.58	119.70	rice	1.47	6.90	18.40	1.45	41.21	25.90	775.50	831.00	0.00	0.33	Yao Z.et al.(2012). A 3-year record of N2O and CH_4 emissions from a sandy loam paddy during rice seasons as affected by different nitrogen application rates. Agriculture, Ecosystems & Environment. 152: 1-9
636	32.58	119.70	rice	1.47	6.90	18.40	1.45	41.21	25.90	775.50	831.00	150.00	1.83	Yao Z.et al.(2012). A 3-year record of N2O and CH_4 emissions from a sandy loam paddy during rice seasons as affected by different nitrogen application rates. Agriculture, Ecosystems & Environment. 152: 1-9
637	28.36	112.82	rice	1.37	6.60	20.60	2.05	40.23	27.67	1002.00	556.50	0.00	0.07	Liu X. (2010). Effects of soil organic amendment on productivity and greenhouse gas mitigation of croplands: field studies and synthetic analysis. (in Chinese with English abstract). Doctor dissertation of Nanjing Agricultral University (Nanjing, China)
638	28.36	112.82	rice	1.37	6.60	20.60	2.05	40.23	27.67	1002.00	556.50	330.00	1.20	Liu X. (2010). Effects of soil organic amendment on productivity and greenhouse gas mitigation of croplands: field studies and synthetic analysis. (in Chinese with English abstract). Doctor dissertation of Nanjing Agricultral University (Nanjing, China)
639	28.38	116.23	rice	1.25	6.90	16.30	1.49	35.50	21.64	1731.00	505.50	0.00	0.27	Liu X. (2010). Effects of soil organic amendment on productivity and greenhouse gas mitigation of croplands: field studies and synthetic analysis. (in Chinese with English abstract). Doctor dissertation of Nanjing Agricultral University (Nanjing, China)
640	28.38	116.23	rice	1.25	6.90	16.30	1.49	35.50	21.64	1731.00	505.50	180.00	0.52	Liu X. (2010). Effects of soil organic amendment on productivity and greenhouse gas mitigation of croplands: field studies and synthetic analysis. (in Chinese with English abstract). Doctor dissertation of Nanjing Agricultral University (Nanjing, China)
641	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.80	638.40	583.20	0.00	0.04	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
642	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.80	638.40	583.20	81.30	0.13	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
643	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.80	638.40	583.20	81.30	0.13	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
644	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.80	638.40	583.20	81.30	0.20	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
645	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.80	638.40	583.20	79.30	0.22	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
646	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.80	638.40	583.20	42.10	0.05	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
647	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	24.58	643.20	572.40	0.00	0.03	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
648	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	24.58	643.20	572.40	101.70	0.21	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
649	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	24.58	643.20	572.40	101.70	0.26	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
650	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	24.58	643.20	572.40	101.70	0.11	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
651	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.56	669.60	430.80	0.00	0.06	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
652	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.56	669.60	430.80	81.30	0.21	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
653	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.56	669.60	430.80	81.30	0.20	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
654	28.92	111.50	rice	1.39	5.60	14.36	1.40	34.69	23.56	669.60	430.80	81.30	0.13	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
655	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.56	669.60	430.80	79.30	0.30	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
656	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.56	669.60	430.80	42.10	0.27	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
657	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	24.42	584.40	556.80	0.00	0.11	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
658	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	24.42	584.40	556.80	101.70	0.31	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
659	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	24.42	584.40	556.80	101.70	0.34	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
660	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	24.42	584.40	556.80	101.70	0.30	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
661	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.84	579.60	552.00	0.00	0.14	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
662	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.84	579.60	552.00	81.30	0.21	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
663	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.84	579.60	552.00	81.30	0.21	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
664	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.84	579.60	552.00	81.30	0.21	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
665	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.84	579.60	552.00	79.30	0.20	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
666	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	23.84	579.60	552.00	42.10	0.25	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210

667	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	25.59	262.80	510.00	0.00	0.09	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
668	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	25.59	262.80	510.00	101.70	0.38	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
669	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	25.59	262.80	510.00	101.70	0.31	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
670	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	25.59	262.80	510.00	101.70	0.30	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
671	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	25.59	262.80	510.00	103.70	0.52	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
672	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	25.59	262.80	510.00	80.00	0.27	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
673	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	25.59	262.80	510.00	103.70	0.29	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
674	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	25.59	262.80	510.00	80.00	0.16	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
675	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	25.59	262.80	510.00	103.70	0.41	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
676	28.92	111.50	rice	1.39	5.60	18.94	1.40	34.69	25.59	262.80	510.00	80.00	0.22	Shang Q. et al.(2011). Net annual global warming potential and greenhouse gas intensity in Chinese double rice-cropping systems: a 3-year field measurement in long-term fertilizer experiments. Global Change Biology. 17, 6: 2196-2210
677	28.13	113.20	rice	1.37	5.88	21.87	1.92	33.55	25.97	735.00	852.00	0.00	0.27	Shi S.et al. (2011). Observation for CH_4 and N_2O emissions under different rates of nitrogen and phosphate fertilization in double rice fields. (in Chinese with English abstract). Environmental science. 32(7)
678	28.13	113.20	rice	1.37	5.88	21.87	1.92	33.55	25.97	735.00	852.00	150.00	0.57	Shi S.et al. (2011). Observation for CH_4 and N_2O emissions under different rates of nitrogen and phosphate fertilization in double rice fields. (in Chinese with English abstract). Environmental science. 32(7)
679	28.13	113.20	rice	1.37	5.88	21.87	1.92	33.55	25.97	735.00	852.00	105.00	0.34	Shi S.et al. (2011). Observation for CH_4 and N_2O emissions under different rates of nitrogen and phosphate fertilization in double rice fields. (in Chinese with English abstract). Environmental science. 32(7)
680	28.13	113.20	rice	1.37	5.88	21.87	1.92	33.55	25.97	735.00	852.00	52.50	0.53	Shi S.et al. (2011). Observation for CH_4 and N_2O emissions under different rates of nitrogen and phosphate fertilization in double rice fields. (in Chinese with English abstract). Environmental science. 32(7)
681	28.13	113.20	rice	1.37	5.88	21.87	1.92	33.55	25.97	735.00	852.00	178.00	0.53	Shi S.et al. (2011). Observation for CH_4 and N_2O emissions under different rates of nitrogen and phosphate fertilization in double rice fields. (in Chinese with English abstract). Environmental science. 32(7)
682	28.13	113.20	rice	1.37	5.88	21.87	1.92	33.55	25.97	735.00	852.00	0.00	0.13	Shi S.et al. (2011). Observation for CH_4 and N_2O emissions under different rates of nitrogen and phosphate fertilization in double rice fields. (in Chinese with English abstract). Environmental science. 32(7)
683	28.13	113.20	rice	1.37	5.88	21.87	1.92	33.55	25.97	735.00	852.00	180.00	0.27	Shi S.et al. (2011). Observation for CH_4 and N_2O emissions under different rates of nitrogen and phosphate fertilization in double rice fields. (in Chinese with English abstract). Environmental science. 32(7)
684	28.13	113.20	rice	1.37	5.88	21.87	1.92	33.55	25.97	735.00	852.00	135.00	0.37	Shi S.et al. (2011). Observation for CH_4 and N_2O emissions under different rates of nitrogen and phosphate fertilization in double rice fields. (in Chinese with English abstract). Environmental science. 32(7)
685	28.13	113.20	rice	1.37	5.88	21.87	1.92	33.55	25.97	735.00	852.00	67.50	0.18	Shi S.et al. (2011). Observation for CH_4 and N_2O emissions under different rates of nitrogen and phosphate fertilization in double rice fields. (in Chinese with English abstract). Environmental science. 32(7)
686	28.13	113.20	rice	1.37	5.88	21.87	1.92	33.55	25.97	735.00	852.00	210.00	0.55	Shi S.et al. (2011). Observation for CH_4 and N_2O emissions under different rates of nitrogen and phosphate fertilization in double rice fields. (in Chinese with English abstract). Environmental science. 32(7)
687	30.50	114.35	rice	1.34	6.30	12.01	0.86	34.59	27.00	646.50	894.00	0.00	0.57	Xia W. et al. (2011). Nitrogen cyclein rice-wheat rotation under optimized nitrogen management. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
688	30.50	114.35	rice	1.34	6.30	12.01	0.86	34.59	27.00	646.50	894.00	210.00	1.56	Xia W. et al. (2011). Nitrogen cyclein rice-wheat rotation under optimized nitrogen management. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
689	30.50	114.35	rice	1.34	6.30	12.01	0.86	34.59	27.00	646.50	894.00	147.00	1.18	Xia W. et al. (2011). Nitrogen cyclein rice-wheat rotation under optimized nitrogen management. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
690	30.50	114.35	rice	1.34	6.30	12.01	0.86	34.59	27.00	646.50	894.00	147.00	1.13	Xia W. et al. (2011). Nitrogen cyclein rice-wheat rotation under optimized nitrogen management. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
691	47.58	133.56	rice	1.39	6.53	16.82	1.75	36.09	16.10	465.00	816.00	0.00	0.53	Chen W. et al. (2017). Study on N_2O emission from paddy field ecosystem in Sanjiang plain. (in Chinese with English abstract). Master dissertation of Jilin Agriculture and Forestry University (Jilin, China).
692	47.58	133.56	rice	1.39	6.53	16.82	1.75	36.09	16.10	465.00	816.00	60.00	0.53	Chen W. et al. (2017). Study on N_2O emission from paddy field ecosystem in Sanjiang plain. (in Chinese with English abstract). Master dissertation of Jilin Agriculture and Forestry University (Jilin, China).
693	47.58	133.56	rice	1.39	6.53	16.82	1.75	36.09	16.10	465.00	816.00	150.00	0.74	Chen W. et al. (2017). Study on N_2O emission from paddy field ecosystem in Sanjiang plain. (in Chinese with English abstract). Master dissertation of Jilin Agriculture and Forestry University (Jilin, China).
694	47.58	133.56	rice	1.39	6.53	16.82	1.75	36.09	16.10	465.00	816.00	0.00	0.69	Chen W. et al. (2017). Study on N_2O emission from paddy field ecosystem in Sanjiang plain. (in Chinese with English abstract). Master dissertation of Jilin Agriculture and Forestry University (Jilin, China).
695	47.58	133.56	rice	1.39	6.53	16.82	1.75	36.09	16.10	465.00	816.00	150.00	1.18	Chen W. et al. (2017). Study on N_2O emission from paddy field ecosystem in Sanjiang plain. (in Chinese with English abstract). Master dissertation of Jilin Agriculture and Forestry University (Jilin, China).
696	47.58	133.56	rice	1.39	6.53	16.82	1.75	36.09	16.10	465.00	816.00	250.00	1.24	Chen W. et al. (2017). Study on N_2O emission from paddy field ecosystem in Sanjiang plain. (in Chinese with English abstract). Master dissertation of Jilin Agriculture and Forestry University (Jilin, China).
697	47.58	133.56	rice	1.39	6.53	16.82	1.75	36.09	16.10	465.00	816.00	0.00	0.84	Chen W. et al. (2017). Study on N_2O emission from paddy field ecosystem in Sanjiang plain. (in Chinese with English abstract). Master dissertation of Jilin Agriculture and Forestry University (Jilin, China).
698	47.58	133.56	rice	1.39	6.53	16.82	1.75	36.09	16.10	465.00	816.00	150.00	1.83	Chen W. et al. (2017). Study on N_2O emission from paddy field ecosystem in Sanjiang plain. (in Chinese with English abstract). Master dissertation of Jilin Agriculture and Forestry University (Jilin, China).
699	47.58	133.56	rice	1.39	6.53	16.82	1.75	36.09	16.10	465.00	816.00	250.00	2.88	Chen W. et al. (2017). Study on N_2O emission from paddy field ecosystem in Sanjiang plain. (in Chinese with English abstract). Master dissertation of Jilin Agriculture and Forestry University (Jilin, China).
700	46.05	125.25	rice	1.40	6.05	28.77	1.88	28.00	18.69	419.00	469.00	0.00	0.13	Zhu S. et al. (2012). Experiment for water-saving and greenhouse effects of irrigation modes in cold rice area. (in Chinese with English abstract). Master dissertation of Dongbei Agriculture and Forestry University (Dongbei, China)
701	46.05	125.25	rice	1.40	6.05	28.77	1.88	28.00	18.69	419.00	469.00	180.00	0.23	Zhu S. et al. (2012). Experiment for water-saving and greenhouse effects of irrigation modes in cold rice area. (in Chinese with English abstract). Master dissertation of Dongbei Agriculture and Forestry University (Dongbei, China)
702	46.05	125.25	rice	1.40	6.05	28.77	1.88	28.00	18.69	419.00	469.00	180.00	0.49	Zhu S. et al. (2012). Experiment for water-saving and greenhouse effects of irrigation modes in cold rice area. (in Chinese with English abstract). Master dissertation of Dongbei Agriculture and Forestry University (Dongbei, China)
703	46.05	125.25	rice	1.40	6.05	28.77	1.88	28.00	18.69	419.00	469.00	180.00	0.44	Zhu S. et al. (2012). Experiment for water-saving and greenhouse effects of irrigation modes in cold rice area. (in Chinese with English abstract). Master dissertation of Dongbei Agriculture and Forestry University (Dongbei, China)
704	46.05	125.25	rice	1.40	6.05	28.77	1.88	28.00	18.69	419.00	469.00	180.00	0.43	Zhu S. et al. (2012). Experiment for water-saving and greenhouse effects of irrigation modes in cold rice area. (in Chinese with English abstract). Master dissertation of Dongbei Agriculture and Forestry University (Dongbei, China)
705	47.43	126.63	rice	1.40	7.02	27.96	2.20	26.00	14.95	410.00	549.60	0.00	0.02	Yue J. et al. (2003). CH_4 and N_2O emissions from phaeozem rice field and their mitigative measures. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 14(11): 2015-2018
706	47.43	126.63	rice	1.40	7.02	27.96	2.20	26.00	14.95	410.00	549.60	43.88	0.13	Yue J. et al. (2003). CH_4 and N_2O emissions from phaeozem rice field and their mitigative measures. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 14(11): 2015-2018
707	47.43	126.63	rice	1.40	7.02	27.96	2.20	26.00	14.95	410.00	549.60	43.88	0.38	Yue J. et al. (2003). CH_4 and N_2O emissions from phaeozem rice field and their mitigative measures. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 14(11): 2015-2018
708	47.43	126.63	rice	1.40	7.02	27.96	2.20	26.00	14.95	410.00	549.60	43.88	0.51	Yue J. et al. (2003). CH_4 and N_2O emissions from phaeozem rice field and their mitigative measures. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 14(11): 2015-2018
709	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	0.00	0.05	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
710	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	200.00	0.29	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
711	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	270.00	0.55	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
712	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	0.00	0.05	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
713	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	200.00	0.31	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
714	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	270.00	0.46	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
715	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	0.00	0.05	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
716	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	200.00	0.11	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
717	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	270.00	0.20	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
718	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	0.00	0.04	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
719	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	200.00	0.19	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
720	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	270.00	0.44	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
721	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	0.00	0.03	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
722	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	200.00	0.18	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
723	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	270.00	0.45	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
724	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	0.00	0.02	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
725	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	200.00	0.06	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
726	31.28	119.90	rice	1.28	6.23	12.60	1.30	36.06	26.03	520.50	816.00	270.00	0.08	Ma J.et al.(2007). Effects of nitrogen fertiliser and wheat straw application on CH_4 and N_2O emissions from a paddy rice field. Soil Research. 45: 359-367
727	30.50	114.33	rice	1.30	7.80	9.72	0.35	20.00	26.96	612.00	945.00	0.00	0.02	Yuan W.et al.(2009). Methane and nitrous oxide emissions from rice—duck and rice-fish complex ecosystems and the evaluation of their economic significance. Agricultural Sciences in China. 8,10: 1246-1255
728	30.50	114.33	rice	1.30	7.80	9.72	0.35	20.00	26.96	612.00	945.00	225.00	0.15	Yuan W.et al.(2009). Methane and nitrous oxide emissions from rice—duck and rice-fish complex ecosystems and the evaluation of their economic significance. Agricultural Sciences in China. 8,10: 1246-1255
729	30.50	114.33	rice	1.30	7.80	9.72	0.35	20.00	26.96	612.00	945.00	225.00	0.16	Yuan W.et al.(2009). Methane and nitrous oxide emissions from rice—duck and rice-fish complex ecosystems and the evaluation of their economic significance. Agricultural Sciences in China. 8,10: 1246-1255
730	30.50	114.33	rice	1.30	7.80	9.72	0.35	20.00	26.96	612.00	945.00	225.00	0.14	Yuan W.et al.(2009). Methane and nitrous oxide emissions from rice—duck and rice-fish complex ecosystems and the evaluation of their economic significance. Agricultural Sciences in China. 8,10: 1246-1255
731	30.50	114.33	rice	1.30	7.80	9.72	0.35	20.00	26.96	612.00	945.00	225.00	0.12	Yuan W.et al.(2009). Methane and nitrous oxide emissions from rice—duck and rice-fish complex ecosystems and the evaluation of their economic significance. Agricultural Sciences in China. 8,10: 1246-1255
732	30.50	114.33	rice	1.30	7.80	9.72	0.35	20.00	26.96	612.00	945.00	225.00	0.14	Yuan W.et al.(2009). Methane and nitrous oxide emissions from rice—duck and rice-fish complex ecosystems and the evaluation of their economic significance. Agricultural Sciences in China. 8,10: 1246-1255
733	30.50	114.33	rice	1.30	7.80	9.72	0.35	20.00	26.96	612.00	945.00	225.00	0.13	Yuan W.et al.(2009). Methane and nitrous oxide emissions from rice—duck and rice-fish complex ecosystems and the evaluation of their economic significance. Agricultural Sciences in China. 8,10: 1246-1255
734	31.53	120.70	rice	1.52	6.40	16.82	1.30	21.00	25.88	766.50	883.50	0.00	0.40	Zhang Y. et al. (2010). Characteristics of CH_4 and N_2O emissions and greenhouse effects for mechanical transplanting rice in rice wheat rotation system. (in Chinese with English abstract). Journal of Agro-Environment Science. 29(7):1403-1409
735	31.53	120.70	rice	1.52	6.40	16.82	1.30	21.00	25.88	766.50	883.50	240.00	2.48	Zhang Y. et al. (2010). Characteristics of CH_4 and N_2O emissions and greenhouse effects for mechanical transplanting rice in rice wheat rotation system. (in Chinese with English abstract). Journal of Agro-Environment Science. 29(7):1403-1409
736	31.53	120.70	rice	1.52	6.40	16.82	1.30	21.00	25.88	766.50	883.50	240.00	2.21	Zhang Y. et al. (2010). Characteristics of CH_4 and N_2O emissions and greenhouse effects for mechanical transplanting rice in rice wheat rotation system. (in Chinese with English abstract). Journal of Agro-Environment Science. 29(7):1403-1409
737	31.53	120.92	rice	0.45	7.60	11.65	2.30	14.32	25.59	745.50	922.50	0.00	0.26	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
738	31.53	120.92	rice	0.45	7.60	11.65	2.30	14.32	25.59	745.50	922.50	240.00	0.55	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
739	31.53	120.92	rice	0.45	7.60	11.65	2.30	14.32	25.59	745.50	922.50	219.60	0.74	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
740	31.53	120.92	rice	0.45	7.60	11.65	2.30	14.32	25.59	745.50	922.50	219.60	0.87	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
741	31.53	120.92	rice	0.45	7.60	11.65	2.30	14.32	25.59	745.50	922.50	120.00	0.66	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
742	31.53	120.92	rice	0.45	7.60	11.65	2.30	14.32	25.59	745.50	922.50	99.60	0.79	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
743	32.90	119.00	rice	1.40	7.47	26.02	0.87	37.00	25.69	673.50	792.00	280.00	0.57	Hu N. et al. (2016). Effects of different straw returning modes on greenhouse gas emissions and crop yields in a rice–wheat rotation system. Agriculture, Ecosystems & Environment. 223(1): 115-122
744	32.90	119.00	rice	1.40	7.47	26.02	0.87	37.00	25.69	673.50	792.00	280.00	3.47	Hu N. et al. (2016). Effects of different straw returning modes on greenhouse gas emissions and crop yields in a rice–wheat rotation system. Agriculture, Ecosystems & Environment. 223(1): 115-122
745	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	0.00	0.11	Zheng J M. et al. (2016). Greenhouse gas emission from paddy field under different nitrogen fertilization rates. (in Chinese with English abstract). Journal of Nuclear Agricultural Sciences. 30(10):2020-2025.
746	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	75.00	0.30	Zheng J M. et al. (2016). Greenhouse gas emission from paddy field under different nitrogen fertilization rates. (in Chinese with English abstract). Journal of Nuclear Agricultural Sciences. 30(10):2020-2025.
747	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	150.00	0.36	Zheng J M. et al. (2016). Greenhouse gas emission from paddy field under different nitrogen fertilization rates. (in Chinese with English abstract). Journal of Nuclear Agricultural Sciences. 30(10):2020-2025.
748	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	225.00	0.34	Zheng J M. et al. (2016). Greenhouse gas emission from paddy field under different nitrogen fertilization rates. (in Chinese with English abstract). Journal of Nuclear Agricultural Sciences. 30(10):2020-2025.
749	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	300.00	0.57	Zheng J M. et al. (2016). Greenhouse gas emission from paddy field under different nitrogen fertilization rates. (in Chinese with English abstract). Journal of Nuclear Agricultural Sciences. 30(10):2020-2025.
750	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	375.00	0.63	Zheng J M. et al. (2016). Greenhouse gas emission from paddy field under different nitrogen fertilization rates. (in Chinese with English abstract). Journal of Nuclear Agricultural Sciences. 30(10):2020-2025.
751	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	24.60	744.00	624.00	0.00	0.13	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
752	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	24.60	744.00	624.00	150.00	0.25	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
753	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	24.60	744.00	624.00	120.00	0.21	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
754	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	24.60	744.00	624.00	150.00	0.21	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
755	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	24.60	744.00	624.00	180.00	0.30	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
756	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	24.60	744.00	624.00	0.00	0.18	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
757	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	24.60	744.00	624.00	165.00	0.44	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
758	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	24.60	744.00	624.00	135.00	0.34	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
759	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	24.60	744.00	624.00	165.00	0.64	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
760	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	24.60	744.00	624.00	195.00	0.63	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
761	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	25.90	1050.00	438.00	0.00	0.08	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
762	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	25.90	1050.00	438.00	150.00	0.14	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)

763	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	25.90	1050.00	438.00	120.00	0.15	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
764	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	25.90	1050.00	438.00	150.00	0.19	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
765	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	25.90	1050.00	438.00	180.00	0.21	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
766	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	25.90	1050.00	438.00	0.00	0.16	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
767	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	25.90	1050.00	438.00	165.00	0.44	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
768	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	25.90	1050.00	438.00	135.00	0.37	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
769	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	25.90	1050.00	438.00	165.00	0.63	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
770	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	25.90	1050.00	438.00	195.00	0.72	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
771	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	26.76	832.50	624.00	0.00	0.10	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
772	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	26.76	832.50	624.00	150.00	0.16	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
773	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	26.76	832.50	624.00	120.00	0.17	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
774	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	26.76	832.50	624.00	150.00	0.22	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
775	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	26.76	832.50	624.00	180.00	0.22	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
776	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	26.76	832.50	624.00	0.00	0.09	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
777	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	26.76	832.50	624.00	165.00	0.37	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
778	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	26.76	832.50	624.00	135.00	0.14	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
779	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	26.76	832.50	624.00	165.00	0.39	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
780	28.00	113.37	rice	1.14	6.30	18.49	1.09	31.67	26.76	832.50	624.00	195.00	0.40	Liu Y L. (2016). Field studies on balance of greenhouse gases in annual double rice cropping systems under intensified cultivation patterns at different nitrogen rates. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
781	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	0.00	0.17	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
782	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	180.00	0.79	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
783	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	180.00	1.21	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
784	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	180.00	0.69	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
785	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	180.00	0.75	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
786	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	0.00	0.59	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
787	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	180.00	1.22	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
788	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	180.00	1.46	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
789	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	180.00	1.01	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
790	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	180.00	1.13	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
791	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	180.00	0.62	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
792	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	180.00	0.80	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
793	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	180.00	0.85	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
794	29.85	115.55	rice	1.29	5.18	24.18	2.39	34.07	25.70	1036.50	792.00	180.00	0.95	Chen J. (2016). Effects of different fertilizer sources and tillage practices on GHG emissions and soil carbon pool in paddy fields. (in Chinese with English abstract). Huazhong Agricultural University. (Wuhan, China)
795	30.40	112.73	rice	1.40	7.12	15.33	2.40	25.00	26.25	406.80	696.00	0.00	0.17	Xu X Y. et al. (2017). Effect of rice crayfish co-culture on greenhouse gases emission in straw-puddled paddy fields. (in Chinese with English abstract). Chinese journal of eco-agriculture. 25(11):1591-1603.
796	30.40	112.73	rice	1.40	7.12	15.33	2.40	25.00	26.25	406.80	696.00	180.00	2.85	Xu X Y. et al. (2017). Effect of rice crayfish co-culture on greenhouse gases emission in straw-puddled paddy fields. (in Chinese with English abstract). Chinese journal of eco-agriculture. 25(11):1591-1603.
797	30.40	112.73	rice	1.40	7.12	15.33	2.40	25.00	26.25	406.80	696.00	180.00	2.73	Xu X Y. et al. (2017). Effect of rice crayfish co-culture on greenhouse gases emission in straw-puddled paddy fields. (in Chinese with English abstract). Chinese journal of eco-agriculture. 25(11):1591-1603.
798	30.40	112.73	rice	1.40	7.12	15.33	2.40	25.00	26.25	406.80	696.00	180.00	3.08	Xu X Y. et al. (2017). Effect of rice crayfish co-culture on greenhouse gases emission in straw-puddled paddy fields. (in Chinese with English abstract). Chinese journal of eco-agriculture. 25(11):1591-1603.
799	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	0.00	0.10	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
800	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	150.00	2.78	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
801	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	150.00	1.43	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
802	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	150.00	0.11	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
803	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	150.00	2.13	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
804	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	150.00	1.39	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
805	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	150.00	0.10	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
806	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	150.00	2.22	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
807	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	150.00	2.27	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
808	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	150.00	2.00	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
809	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	150.00	2.60	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
810	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	150.00	2.23	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
811	29.99	115.62	rice	1.40	5.07	12.18	1.70	25.00	25.77	1008.00	793.50	150.00	1.93	Tao Y. (2016). Comparison among different rice establishment methods: grain yield， water and nitrogen utilization efficiencies and greenhouse gas emissions． (in Chinese with English abstract). Hua zhong Agricultural University. (Wuhan, China)
812	30.35	112.15	rice	1.42	8.11	9.57	1.40	36.40	25.85	762.00	843.00	0.00	0.30	Su R R. et al. (2016). Effect of different nitrogen fertilizer level on CH4 and N2O emission from single cropping rice field in Jianghan plain. (in Chinese with English abstract). Journal of Agricultural Science and Technology. 18(5): 118-125.
813	30.35	112.15	rice	1.42	8.11	9.57	1.40	36.40	25.85	762.00	843.00	90.00	0.37	Su R R. et al. (2016). Effect of different nitrogen fertilizer level on CH4 and N2O emission from single cropping rice field in Jianghan plain. (in Chinese with English abstract). Journal of Agricultural Science and Technology. 18(5): 118-125.
814	30.35	112.15	rice	1.42	8.11	9.57	1.40	36.40	25.85	762.00	843.00	150.00	0.40	Su R R. et al. (2016). Effect of different nitrogen fertilizer level on CH4 and N2O emission from single cropping rice field in Jianghan plain. (in Chinese with English abstract). Journal of Agricultural Science and Technology. 18(5): 118-125.
815	30.35	112.15	rice	1.42	8.11	9.57	1.40	36.40	25.85	762.00	843.00	210.00	0.40	Su R R. et al. (2016). Effect of different nitrogen fertilizer level on CH4 and N2O emission from single cropping rice field in Jianghan plain. (in Chinese with English abstract). Journal of Agricultural Science and Technology. 18(5): 118-125.
816	30.88	121.38	rice	1.40	7.60	13.75	1.40	25.00	27.30	491.00	654.00	0.00	0.07	Sun H F. et al. (2016). Effects of high temperature and low precipitation on CH4 and N2O emission and yield of different rice varieties. (in Chinese with English abstract). China Environmental Science. 36(12):3540-3547.
817	30.88	121.38	rice	1.40	7.60	13.75	1.40	25.00	27.30	491.00	654.00	225.00	0.19	Sun H F. et al. (2016). Effects of high temperature and low precipitation on CH4 and N2O emission and yield of different rice varieties. (in Chinese with English abstract). China Environmental Science. 36(12):3540-3547.
818	30.88	121.38	rice	1.40	7.60	13.75	1.40	25.00	27.30	491.00	654.00	225.00	0.38	Sun H F. et al. (2016). Effects of high temperature and low precipitation on CH4 and N2O emission and yield of different rice varieties. (in Chinese with English abstract). China Environmental Science. 36(12):3540-3547.
819	30.88	121.38	rice	1.40	7.60	13.75	1.40	25.00	27.30	491.00	654.00	225.00	0.13	Sun H F. et al. (2016). Effects of high temperature and low precipitation on CH4 and N2O emission and yield of different rice varieties. (in Chinese with English abstract). China Environmental Science. 36(12):3540-3547.
820	30.88	121.38	rice	1.40	7.60	13.75	1.40	25.00	27.30	491.00	654.00	225.00	0.25	Sun H F. et al. (2016). Effects of high temperature and low precipitation on CH4 and N2O emission and yield of different rice varieties. (in Chinese with English abstract). China Environmental Science. 36(12):3540-3547.
821	30.88	121.38	rice	1.40	7.60	13.75	1.40	25.00	24.70	763.00	781.50	225.00	0.32	Sun H F. et al. (2016). Effects of high temperature and low precipitation on CH4 and N2O emission and yield of different rice varieties. (in Chinese with English abstract). China Environmental Science. 36(12):3540-3547.
822	30.88	121.38	rice	1.40	7.60	13.75	1.40	25.00	24.70	763.00	781.50	225.00	0.89	Sun H F. et al. (2016). Effects of high temperature and low precipitation on CH4 and N2O emission and yield of different rice varieties. (in Chinese with English abstract). China Environmental Science. 36(12):3540-3547.
823	30.88	121.38	rice	1.40	7.60	13.75	1.40	25.00	24.70	763.00	781.50	225.00	0.25	Sun H F. et al. (2016). Effects of high temperature and low precipitation on CH4 and N2O emission and yield of different rice varieties. (in Chinese with English abstract). China Environmental Science. 36(12):3540-3547.
824	30.88	121.38	rice	1.40	7.60	13.75	1.40	25.00	24.70	763.00	781.50	225.00	0.25	Sun H F. et al. (2016). Effects of high temperature and low precipitation on CH4 and N2O emission and yield of different rice varieties. (in Chinese with English abstract). China Environmental Science. 36(12):3540-3547.
825	30.88	121.38	rice	1.40	7.60	13.75	1.40	25.00	24.70	763.00	781.50	225.00	0.13	Sun H F. et al. (2016). Effects of high temperature and low precipitation on CH4 and N2O emission and yield of different rice varieties. (in Chinese with English abstract). China Environmental Science. 36(12):3540-3547.
826	30.88	121.38	rice	1.40	7.60	13.75	1.40	25.00	24.70	763.00	781.50	225.00	0.76	Sun H F. et al. (2016). Effects of high temperature and low precipitation on CH4 and N2O emission and yield of different rice varieties. (in Chinese with English abstract). China Environmental Science. 36(12):3540-3547.
827	45.63	125.75	rice	1.00	6.40	24.01	1.50	38.38	18.50	360.00	715.50	0.00	0.15	Wang M X. et al. (2016). Greenhouse gases emissions from rice paddy field under different water and nitrogenous interaction in cold region of northeast china. (in Chinese with English abstract). Northeast Agricultural University. (Harbin, China)
828	45.63	125.75	rice	1.00	6.40	24.01	1.50	38.38	18.50	360.00	715.50	135.00	0.24	Wang M X. et al. (2016). Greenhouse gases emissions from rice paddy field under different water and nitrogenous interaction in cold region of northeast china. (in Chinese with English abstract). Northeast Agricultural University. (Harbin, China)
829	45.63	125.75	rice	1.00	6.40	24.01	1.50	38.38	18.50	360.00	715.50	105.00	0.22	Wang M X. et al. (2016). Greenhouse gases emissions from rice paddy field under different water and nitrogenous interaction in cold region of northeast china. (in Chinese with English abstract). Northeast Agricultural University. (Harbin, China)
830	45.63	125.75	rice	1.00	6.40	24.01	1.50	38.38	18.50	360.00	715.50	75.00	0.16	Wang M X. et al. (2016). Greenhouse gases emissions from rice paddy field under different water and nitrogenous interaction in cold region of northeast china. (in Chinese with English abstract). Northeast Agricultural University. (Harbin, China)
831	45.63	125.75	rice	1.00	6.40	24.01	1.50	38.38	18.50	360.00	715.50	0.00	0.12	Wang M X. et al. (2016). Greenhouse gases emissions from rice paddy field under different water and nitrogenous interaction in cold region of northeast china. (in Chinese with English abstract). Northeast Agricultural University. (Harbin, China)
832	45.63	125.75	rice	1.00	6.40	24.01	1.50	38.38	18.50	360.00	715.50	135.00	0.26	Wang M X. et al. (2016). Greenhouse gases emissions from rice paddy field under different water and nitrogenous interaction in cold region of northeast china. (in Chinese with English abstract). Northeast Agricultural University. (Harbin, China)
833	45.63	125.75	rice	1.00	6.40	24.01	1.50	38.38	18.50	360.00	715.50	105.00	0.17	Wang M X. et al. (2016). Greenhouse gases emissions from rice paddy field under different water and nitrogenous interaction in cold region of northeast china. (in Chinese with English abstract). Northeast Agricultural University. (Harbin, China)
834	45.63	125.75	rice	1.00	6.40	24.01	1.50	38.38	18.50	360.00	715.50	75.00	0.13	Wang M X. et al. (2016). Greenhouse gases emissions from rice paddy field under different water and nitrogenous interaction in cold region of northeast china. (in Chinese with English abstract). Northeast Agricultural University. (Harbin, China)
835	45.63	125.75	rice	1.00	6.40	24.01	1.50	38.38	18.50	360.00	715.50	0.00	0.09	Wang M X. et al. (2016). Greenhouse gases emissions from rice paddy field under different water and nitrogenous interaction in cold region of northeast china. (in Chinese with English abstract). Northeast Agricultural University. (Harbin, China)
836	45.63	125.75	rice	1.00	6.40	24.01	1.50	38.38	18.50	360.00	715.50	135.00	0.15	Wang M X. et al. (2016). Greenhouse gases emissions from rice paddy field under different water and nitrogenous interaction in cold region of northeast china. (in Chinese with English abstract). Northeast Agricultural University. (Harbin, China)
837	45.63	125.75	rice	1.00	6.40	24.01	1.50	38.38	18.50	360.00	715.50	105.00	0.09	Wang M X. et al. (2016). Greenhouse gases emissions from rice paddy field under different water and nitrogenous interaction in cold region of northeast china. (in Chinese with English abstract). Northeast Agricultural University. (Harbin, China)
838	45.63	125.75	rice	1.00	6.40	24.01	1.50	38.38	18.50	360.00	715.50	75.00	0.11	Wang M X. et al. (2016). Greenhouse gases emissions from rice paddy field under different water and nitrogenous interaction in cold region of northeast china. (in Chinese with English abstract). Northeast Agricultural University. (Harbin, China)
839	31.65	117.67	rice	1.40	6.18	13.71	1.30	25.00	25.32	799.50	885.00	0.00	0.07	Chen X L. (2016). Effects of different tillage methods on the emission of methane and nitrous oxide from the rice-wheat rotation cropland of polder. (in Chinese with English abstract). Anhui Agricultural University. (Anhui, China)
840	31.65	117.67	rice	1.40	6.18	13.71	1.30	25.00	25.32	799.50	885.00	142.50	0.32	Chen X L. (2016). Effects of different tillage methods on the emission of methane and nitrous oxide from the rice-wheat rotation cropland of polder. (in Chinese with English abstract). Anhui Agricultural University. (Anhui, China)
841	31.65	117.67	rice	1.40	6.18	13.71	1.30	25.00	25.32	799.50	885.00	225.00	0.39	Chen X L. (2016). Effects of different tillage methods on the emission of methane and nitrous oxide from the rice-wheat rotation cropland of polder. (in Chinese with English abstract). Anhui Agricultural University. (Anhui, China)
842	31.65	117.67	rice	1.40	6.18	13.71	1.30	25.00	25.32	799.50	885.00	225.00	0.35	Chen X L. (2016). Effects of different tillage methods on the emission of methane and nitrous oxide from the rice-wheat rotation cropland of polder. (in Chinese with English abstract). Anhui Agricultural University. (Anhui, China)
843	31.65	117.67	rice	1.40	6.18	13.71	1.30	25.00	25.32	799.50	885.00	182.50	0.30	Chen X L. (2016). Effects of different tillage methods on the emission of methane and nitrous oxide from the rice-wheat rotation cropland of polder. (in Chinese with English abstract). Anhui Agricultural University. (Anhui, China)
844	28.29	113.89	rice	1.29	5.80	8.10	1.21	34.07	25.70	1036.50	792.00	0.00	0.03	Li X. (2016). Effects of reduction application of controlled-release nitrogen fertilizer on yield, nitrogen use efficiency and nitrogen loss in paddy soil. (in Chinese with English abstract). Hunan Agricultural University. (Changsha, China)
845	28.29	113.89	rice	1.29	5.80	8.10	1.21	34.07	25.70	1036.50	792.00	150.00	0.10	Li X. (2016). Effects of reduction application of controlled-release nitrogen fertilizer on yield, nitrogen use efficiency and nitrogen loss in paddy soil. (in Chinese with English abstract). Hunan Agricultural University. (Changsha, China)
846	28.29	113.89	rice	1.29	5.80	8.10	1.21	34.07	25.70	1036.50	792.00	0.00	0.02	Li X. (2016). Effects of reduction application of controlled-release nitrogen fertilizer on yield, nitrogen use efficiency and nitrogen loss in paddy soil. (in Chinese with English abstract). Hunan Agricultural University. (Changsha, China)
847	28.29	113.89	rice	1.29	5.80	8.10	1.21	34.07	25.70	1036.50	792.00	150.00	0.20	Li X. (2016). Effects of reduction application of controlled-release nitrogen fertilizer on yield, nitrogen use efficiency and nitrogen loss in paddy soil. (in Chinese with English abstract). Hunan Agricultural University. (Changsha, China)
848	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	0.00	0.10	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH4 and N2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
849	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	2.02	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH4 and N2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
850	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	1.74	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH4 and N2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
851	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	1.42	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH4 and N2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
852	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	1.53	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH4 and N2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
853	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	182.60	2.04	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH4 and N2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
854	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	182.60	2.01	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH4 and N2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
855	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	2.18	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH4 and N2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
856	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	1.64	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH4 and N2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
857	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	1.39	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH4 and N2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
858	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	1.67	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH4 and N2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)

859	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	182.60	2.76	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
860	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	182.60	2.27	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
861	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	0.65	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
862	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	0.62	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
863	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	0.50	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
864	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	0.41	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
865	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	182.60	0.47	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
866	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	182.60	0.43	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
867	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	1.02	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
868	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	1.11	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
869	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	1.10	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
870	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	232.20	0.75	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
871	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	182.60	1.27	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
872	23.30	114.60	rice	1.40	7.00	31.20	1.87	26.00	27.88	870.00	620.40	182.60	1.29	Zhang W H. (2016). The impact of different straw returning forms and rice varieties on CH_4 and N_2O emission in a double rice field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences Dissertation. (Beijing, China)
873	30.73	114.02	rice	1.40	6.94	21.95	1.40	38.00	26.20	841.50	891.00	0.00	0.31	Feng X Y. et al. (2016). Effects of straw returning combined with nitrogen fertilizer on paddy soil carbon sequestration and green-house-gas emission in central south region of China． (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 33(6):508－517.
874	30.73	114.02	rice	1.40	6.94	21.95	1.40	38.00	26.20	841.50	891.00	150.00	0.52	Feng X Y. et al. (2016). Effects of straw returning combined with nitrogen fertilizer on paddy soil carbon sequestration and green-house-gas emission in central south region of China． (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 33(6):508－517.
875	30.73	114.02	rice	1.40	6.94	21.95	1.40	38.00	26.20	841.50	891.00	225.00	0.99	Feng X Y. et al. (2016). Effects of straw returning combined with nitrogen fertilizer on paddy soil carbon sequestration and green-house-gas emission in central south region of China． (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 33(6):508－517.
876	30.73	114.02	rice	1.40	6.94	21.95	1.40	38.00	26.20	841.50	891.00	300.00	2.25	Feng X Y. et al. (2016). Effects of straw returning combined with nitrogen fertilizer on paddy soil carbon sequestration and green-house-gas emission in central south region of China． (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 33(6):508－517.
877	30.73	114.02	rice	1.40	6.94	21.95	1.40	38.00	26.20	841.50	891.00	375.00	1.01	Feng X Y. et al. (2016). Effects of straw returning combined with nitrogen fertilizer on paddy soil carbon sequestration and green-house-gas emission in central south region of China． (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 33(6):508－517.
878	31.53	120.68	rice	1.12	7.35	20.30	2.01	33.91	24.86	1167.00	883.50	0.00	0.08	Ma Y C. et al. (2017). Effects of straw decomposing inoculants on methane and nitrous oxide emissions in paddy fields incorporated with straw. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 33(2):159-165.
879	31.53	120.68	rice	1.12	7.35	20.30	2.01	33.91	24.86	1167.00	883.50	180.00	0.23	Ma Y C. et al. (2017). Effects of straw decomposing inoculants on methane and nitrous oxide emissions in paddy fields incorporated with straw. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 33(2):159-165.
880	31.53	120.68	rice	1.12	7.35	20.30	2.01	33.91	24.86	1167.00	883.50	180.00	0.17	Ma Y C. et al. (2017). Effects of straw decomposing inoculants on methane and nitrous oxide emissions in paddy fields incorporated with straw. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 33(2):159-165.
881	31.53	120.68	rice	1.12	7.35	20.30	2.01	33.91	24.86	1167.00	883.50	180.00	0.11	Ma Y C. et al. (2017). Effects of straw decomposing inoculants on methane and nitrous oxide emissions in paddy fields incorporated with straw. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 33(2):159-165.
882	31.53	120.68	rice	1.12	7.35	20.30	2.01	33.91	24.86	1167.00	883.50	180.00	0.13	Ma Y C. et al. (2017). Effects of straw decomposing inoculants on methane and nitrous oxide emissions in paddy fields incorporated with straw. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 33(2):159-165.
883	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	24.75	830.40	447.60	0.00	0.20	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
884	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	25.55	456.00	435.60	100.00	0.52	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
885	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	25.17	735.60	672.00	200.00	0.59	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
886	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.80	318.00	678.00	0.00	0.31	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
887	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	25.10	609.60	678.00	100.00	0.55	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
888	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	25.31	388.80	678.00	200.00	0.81	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
889	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	23.73	804.00	672.00	0.00	0.18	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
890	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	23.77	1117.20	672.00	100.00	0.42	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
891	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	25.31	388.80	678.00	200.00	0.62	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
892	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	25.31	388.80	678.00	0.00	0.22	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
893	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	25.31	388.80	678.00	100.00	0.53	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
894	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	25.31	388.80	678.00	200.00	0.67	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
895	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	25.31	388.80	678.00	0.00	0.15	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
896	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	25.31	388.80	678.00	100.00	0.39	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
897	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	25.31	388.80	678.00	200.00	0.61	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
898	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	0.00	0.35	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
899	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	100.00	0.69	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
900	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	200.00	0.77	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
901	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	0.00	0.22	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
902	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	100.00	1.01	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
903	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	200.00	1.50	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
904	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	0.00	0.32	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
905	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	100.00	0.68	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
906	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	200.00	1.20	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
907	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	0.00	0.22	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
908	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	100.00	0.67	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
909	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	200.00	0.94	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
910	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	0.00	0.20	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
911	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	100.00	0.47	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
912	29.55	112.50	rice	1.27	7.70	29.20	2.95	42.65	26.70	700.50	768.00	200.00	0.83	Xu H S. (2017). Investigation on soil carbon sequestration and mitigation of greenhouse gas emission by the integrated rice-azolla cropping system in double rice cropped region. (in Chinese with English abstract). master thesis of China Agricultural University. (Beijing, China)
913	30.88	121.38	rice	1.40	7.60	13.70	1.41	25.00	24.40	492.00	781.50	0.00	0.06	Sun H. et al. (2016). A two-year field measurement of methane and nitrous oxide fluxes from rice paddies under contrasting climate conditions. Scientific reports. 6(1): 1-11.
914	30.88	121.38	rice	1.40	7.60	13.70	1.41	25.00	24.40	492.00	781.50	225.00	0.38	Sun H. et al. (2016). A two-year field measurement of methane and nitrous oxide fluxes from rice paddies under contrasting climate conditions. Scientific reports. 6(1): 1-11.
915	30.88	121.38	rice	1.40	7.60	13.70	1.41	25.00	24.40	492.00	781.50	225.00	0.95	Sun H. et al. (2016). A two-year field measurement of methane and nitrous oxide fluxes from rice paddies under contrasting climate conditions. Scientific reports. 6(1): 1-11.
916	30.88	121.38	rice	1.40	7.60	13.70	1.41	25.00	24.40	492.00	781.50	225.00	0.51	Sun H. et al. (2016). A two-year field measurement of methane and nitrous oxide fluxes from rice paddies under contrasting climate conditions. Scientific reports. 6(1): 1-11.
917	30.88	121.38	rice	1.40	7.60	13.70	1.41	25.00	24.40	492.00	781.50	225.00	0.13	Sun H. et al. (2016). A two-year field measurement of methane and nitrous oxide fluxes from rice paddies under contrasting climate conditions. Scientific reports. 6(1): 1-11.
918	30.88	121.38	rice	1.40	7.60	13.70	1.41	25.00	24.40	492.00	781.50	225.00	0.25	Sun H. et al. (2016). A two-year field measurement of methane and nitrous oxide fluxes from rice paddies under contrasting climate conditions. Scientific reports. 6(1): 1-11.
919	30.88	121.38	rice	1.40	7.60	13.70	1.41	25.00	24.40	492.00	781.50	225.00	0.32	Sun H. et al. (2016). A two-year field measurement of methane and nitrous oxide fluxes from rice paddies under contrasting climate conditions. Scientific reports. 6(1): 1-11.
920	30.88	121.38	rice	1.40	7.60	13.70	1.41	25.00	24.70	762.00	781.50	225.00	1.15	Sun H. et al. (2016). A two-year field measurement of methane and nitrous oxide fluxes from rice paddies under contrasting climate conditions. Scientific reports. 6(1): 1-11.
921	30.88	121.38	rice	1.40	7.60	13.70	1.41	25.00	24.70	762.00	781.50	225.00	1.40	Sun H. et al. (2016). A two-year field measurement of methane and nitrous oxide fluxes from rice paddies under contrasting climate conditions. Scientific reports. 6(1): 1-11.
922	30.88	121.38	rice	1.40	7.60	13.70	1.41	25.00	24.70	762.00	781.50	225.00	1.72	Sun H. et al. (2016). A two-year field measurement of methane and nitrous oxide fluxes from rice paddies under contrasting climate conditions. Scientific reports. 6(1): 1-11.
923	30.88	121.38	rice	1.40	7.60	13.70	1.41	25.00	24.70	762.00	781.50	225.00	1.27	Sun H. et al. (2016). A two-year field measurement of methane and nitrous oxide fluxes from rice paddies under contrasting climate conditions. Scientific reports. 6(1): 1-11.
924	30.88	121.38	rice	1.40	7.60	13.70	1.41	25.00	24.70	762.00	781.50	225.00	1.65	Sun H. et al. (2016). A two-year field measurement of methane and nitrous oxide fluxes from rice paddies under contrasting climate conditions. Scientific reports. 6(1): 1-11.
925	32.32	110.80	rice	1.36	6.00	11.90	1.31	19.80	22.20	571.50	700.50	0.00	0.19	Yao Z. et al. (2017). Urea deep placement reduces yield-scaled greenhouse gas (CH_4 and N_2O) and NO emissions from a ground cover rice production system. Scientific Reports. 7(1):1-11.
926	32.32	110.80	rice	1.36	6.00	11.90	1.31	19.80	22.20	571.50	700.50	150.00	1.97	Yao Z. et al. (2017). Urea deep placement reduces yield-scaled greenhouse gas (CH_4 and N_2O) and NO emissions from a ground cover rice production system. Scientific Reports. 7(1):1-11.
927	32.32	110.80	rice	1.36	6.00	11.90	1.31	19.80	22.20	571.50	700.50	150.00	2.18	Yao Z. et al. (2017). Urea deep placement reduces yield-scaled greenhouse gas (CH_4 and N_2O) and NO emissions from a ground cover rice production system. Scientific Reports. 7(1):1-11.
928	32.32	110.80	rice	1.36	6.00	21.90	2.31	19.80	22.20	571.50	700.50	150.00	3.77	Yao Z. et al. (2017). Urea deep placement reduces yield-scaled greenhouse gas (CH_4 and N_2O) and NO emissions from a ground cover rice production system. Scientific Reports. 7(1):1-11.
929	32.32	110.80	rice	1.36	6.00	11.90	1.31	19.80	22.20	571.50	700.50	150.00	1.63	Yao Z. et al. (2017). Urea deep placement reduces yield-scaled greenhouse gas (CH_4 and N_2O) and NO emissions from a ground cover rice production system. Scientific Reports. 7(1):1-11.
930	32.32	110.80	rice	1.36	6.00	11.90	1.31	19.80	20.46	703.50	700.50	0.00	0.10	Yao Z. et al. (2017). Urea deep placement reduces yield-scaled greenhouse gas (CH_4 and N_2O) and NO emissions from a ground cover rice production system. Scientific Reports. 7(1):1-11.
931	32.32	110.80	rice	1.36	6.00	11.90	1.31	19.80	20.46	703.50	700.50	150.00	1.85	Yao Z. et al. (2017). Urea deep placement reduces yield-scaled greenhouse gas (CH_4 and N_2O) and NO emissions from a ground cover rice production system. Scientific Reports. 7(1):1-11.
932	32.32	110.80	rice	1.36	6.00	11.90	1.31	19.80	20.46	703.50	700.50	150.00	2.11	Yao Z. et al. (2017). Urea deep placement reduces yield-scaled greenhouse gas (CH_4 and N_2O) and NO emissions from a ground cover rice production system. Scientific Reports. 7(1):1-11.
933	32.32	110.80	rice	1.36	6.00	31.90	2.31	9.80	20.46	703.50	700.50	150.00	6.41	Yao Z. et al. (2017). Urea deep placement reduces yield-scaled greenhouse gas (CH_4 and N_2O) and NO emissions from a ground cover rice production system. Scientific Reports. 7(1):1-11.
934	32.32	110.80	rice	1.36	6.00	21.90	2.31	19.80	20.46	703.50	700.50	150.00	3.79	Yao Z. et al. (2017). Urea deep placement reduces yield-scaled greenhouse gas (CH_4 and N_2O) and NO emissions from a ground cover rice production system. Scientific Reports. 7(1):1-11.
935	31.96	119.30	rice	1.40	6.90	11.50	1.30	14.20	24.26	707.00	837.00	0.00	0.06	Liu G. et al. (2016). Combination of wet irrigation and nitrification inhibitor reduced nitrous oxide and methane emissions from a rice cropping system. Environmental Science and Pollution Research. 23(17): 17426-17436.
936	31.96	119.30	rice	1.40	6.90	11.50	1.30	14.20	24.26	707.00	837.00	240.00	0.86	Liu G. et al. (2016). Combination of wet irrigation and nitrification inhibitor reduced nitrous oxide and methane emissions from a rice cropping system. Environmental Science and Pollution Research. 23(17): 17426-17436.
937	31.96	119.30	rice	1.40	6.90	11.50	1.30	14.20	24.26	707.00	837.00	240.00	1.14	Liu G. et al. (2016). Combination of wet irrigation and nitrification inhibitor reduced nitrous oxide and methane emissions from a rice cropping system. Environmental Science and Pollution Research. 23(17): 17426-17436.
938	31.96	119.30	rice	1.40	6.90	11.50	1.30	14.20	24.26	707.00	837.00	240.00	0.63	Liu G. et al. (2016). Combination of wet irrigation and nitrification inhibitor reduced nitrous oxide and methane emissions from a rice cropping system. Environmental Science and Pollution Research. 23(17): 17426-17436.
939	31.96	119.30	rice	1.40	6.90	11.50	1.30	14.20	24.26	707.00	837.00	240.00	1.08	Liu G. et al. (2016). Combination of wet irrigation and nitrification inhibitor reduced nitrous oxide and methane emissions from a rice cropping system. Environmental Science and Pollution Research. 23(17): 17426-17436.
940	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	0.00	0.06	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
941	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	165.00	0.15	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
942	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	135.00	0.14	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
943	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	105.00	0.12	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
944	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	165.00	0.18	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
945	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	135.00	0.15	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
946	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	105.00	0.15	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
947	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	225.00	0.27	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
948	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	180.00	0.24	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
949	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	135.00	0.22	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
950	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	225.00	0.35	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
951	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	180.00	0.31	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
952	28.11	112.30	rice	1.29	6.11	25.94	2.55	25.00	25.77	465.60	374.40	135.00	0.29	Chen Z. et al. (2016). Effects of nitrogen application rates on net annual global warming potential and greenhouse gas intensity in double-rice cropping systems of the Southern China[J]. Environmental Science and Pollution Research. 23(24):24781-24795.
953	23.13	113.30	rice	1.42	6.00	23.96	1.62	37.00	25.80	832.50	624.00	0.00	0.21	Liang K. et al. (2017). Nitrogen losses and greenhouse gas emissions under different N and water management in a subtropical double-season rice cropping system. Science of the Total Environment. 609: 46-57.
954	23.13	113.30	rice	1.42	6.00	23.96	1.62	37.00	25.80	832.50	624.00	180.00	1.42	Liang K. et al. (2017). Nitrogen losses and greenhouse gas emissions under different N and water management in a subtropical double-season rice cropping system. Science of the Total Environment. 609: 46-57.

955	23.13	113.30	rice	1.42	6.00	23.96	1.62	37.00	25.80	832.50	624.00	150.00	0.97	Liang K. et al. (2017). Nitrogen losses and greenhouse gas emissions under different N and water management in a subtropical double-season rice cropping system. Science of the Total Environment. 609: 46-57.
956	23.13	113.30	rice	1.42	6.00	23.96	1.62	37.00	26.80	832.50	624.00	150.00	1.05	Liang K. et al. (2017). Nitrogen losses and greenhouse gas emissions under different N and water management in a subtropical double-season rice cropping system. Science of the Total Environment. 609: 46-57.
957	23.13	113.30	rice	1.42	6.00	23.96	1.62	37.00	27.80	832.50	624.00	210.00	2.42	Liang K. et al. (2017). Nitrogen losses and greenhouse gas emissions under different N and water management in a subtropical double-season rice cropping system. Science of the Total Environment. 609: 46-57.
958	23.13	113.30	rice	1.42	6.00	23.96	1.62	37.00	28.80	832.50	624.00	180.00	1.68	Liang K. et al. (2017). Nitrogen losses and greenhouse gas emissions under different N and water management in a subtropical double-season rice cropping system. Science of the Total Environment. 609: 46-57.
959	23.13	113.30	rice	1.42	6.00	23.96	1.62	37.00	29.80	832.50	624.00	180.00	1.89	Liang K. et al. (2017). Nitrogen losses and greenhouse gas emissions under different N and water management in a subtropical double-season rice cropping system. Science of the Total Environment. 609: 46-57.
960	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	0.00	0.05	Mcswiney P. et al. (2005). Nonlinear response of N2O flux to incremental fertilizer addition in a continuous maize (Zea mays L.) cropping system. Global Change Biology. 11: 1712-1719
961	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	75.00	0.13	Mcswiney P. et al. (2005). Nonlinear response of N2O flux to incremental fertilizer addition in a continuous maize (Zea mays L.) cropping system. Global Change Biology. 11: 1712-1719
962	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	150.00	0.19	Mcswiney P. et al. (2005). Nonlinear response of N2O flux to incremental fertilizer addition in a continuous maize (Zea mays L.) cropping system. Global Change Biology. 11: 1712-1719
963	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	225.00	0.20	Mcswiney P. et al. (2005). Nonlinear response of N2O flux to incremental fertilizer addition in a continuous maize (Zea mays L.) cropping system. Global Change Biology. 11: 1712-1719
964	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	300.00	0.36	Mcswiney P. et al. (2005). Nonlinear response of N2O flux to incremental fertilizer addition in a continuous maize (Zea mays L.) cropping system. Global Change Biology. 11: 1712-1719
965	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	375.00	0.36	Mcswiney P. et al. (2005). Nonlinear response of N2O flux to incremental fertilizer addition in a continuous maize (Zea mays L.) cropping system. Global Change Biology. 11: 1712-1719
966	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	0.00	0.20	Mcswiney P. et al. (2005). Nonlinear response of N2O flux to incremental fertilizer addition in a continuous maize (Zea mays L.) cropping system. Global Change Biology. 11: 1712-1719
967	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	75.00	0.23	Mcswiney P. et al. (2005). Nonlinear response of N2O flux to incremental fertilizer addition in a continuous maize (Zea mays L.) cropping system. Global Change Biology. 11: 1712-1719
968	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	150.00	0.76	Mcswiney P. et al. (2005). Nonlinear response of N2O flux to incremental fertilizer addition in a continuous maize (Zea mays L.) cropping system. Global Change Biology. 11: 1712-1719
969	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	225.00	0.44	Mcswiney P. et al. (2005). Nonlinear response of N2O flux to incremental fertilizer addition in a continuous maize (Zea mays L.) cropping system. Global Change Biology. 11: 1712-1719
970	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	300.00	1.07	Mcswiney P. et al. (2005). Nonlinear response of N2O flux to incremental fertilizer addition in a continuous maize (Zea mays L.) cropping system. Global Change Biology. 11: 1712-1719
971	30.13	120.16	rice	1.22	5.57	12.22	2.05	27.92	25.70	714.00	781.50	375.00	1.13	Mcswiney P. et al. (2005). Nonlinear response of N2O flux to incremental fertilizer addition in a continuous maize (Zea mays L.) cropping system. Global Change Biology. 11: 1712-1719
972	28.58	113.33	rice	1.19	4.50	11.10	0.86	24.50	24.64	1066.65	495.45	0.00	7.10	Zou J. et al. (2005). Direct emission factor for N2O from rice–winter wheat rotation systems in southeast China. Atmospheric Environment. 39: 4755-4765
973	28.58	113.33	rice	1.19	4.50	11.10	0.86	24.50	24.64	1066.65	495.45	450.00	17.20	Zou J. et al. (2005). Direct emission factor for N2O from rice–winter wheat rotation systems in southeast China. Atmospheric Environment. 39: 4755-4765
974	28.58	113.33	rice	1.19	4.50	11.10	0.86	24.50	24.64	1066.65	495.45	450.00	16.70	Zou J. et al. (2005). Direct emission factor for N2O from rice–winter wheat rotation systems in southeast China. Atmospheric Environment. 39: 4755-4765
975	36.15	117.15	rice	1.75	7.30	4.76	1.75	22.00	22.47	666.00	1072.80	0.00	0.03	Ding W. et al. (2007). Nitrous oxide emissions from an intensively cultivated maize–wheat rotation soil in the North China Plain. Science of The Total Environment. 373(2-3): 501-511
976	36.15	117.15	rice	1.75	7.30	4.76	1.75	22.00	22.47	666.00	1072.80	100.00	0.18	Ding W. et al. (2007). Nitrous oxide emissions from an intensively cultivated maize–wheat rotation soil in the North China Plain. Science of The Total Environment. 373(2-3): 501-511
977	36.15	117.15	rice	1.75	7.30	4.76	1.75	22.00	22.47	666.00	1072.80	200.00	0.26	Ding W. et al. (2007). Nitrous oxide emissions from an intensively cultivated maize–wheat rotation soil in the North China Plain. Science of The Total Environment. 373(2-3): 501-511
978	36.15	117.15	rice	1.75	7.30	4.76	1.75	22.00	22.47	666.00	1072.80	300.00	0.34	Ding W. et al. (2007). Nitrous oxide emissions from an intensively cultivated maize–wheat rotation soil in the North China Plain. Science of The Total Environment. 373(2-3): 501-511
979	36.15	117.15	rice	1.75	7.30	4.76	1.75	22.00	22.47	666.00	1072.80	0.00	0.03	Ding W. et al. (2007). Nitrous oxide emissions from an intensively cultivated maize–wheat rotation soil in the North China Plain. Science of The Total Environment. 373(2-3): 501-511
980	36.15	117.15	rice	1.75	7.30	4.76	1.75	22.00	22.47	666.00	1072.80	100.00	0.11	Ding W. et al. (2007). Nitrous oxide emissions from an intensively cultivated maize–wheat rotation soil in the North China Plain. Science of The Total Environment. 373(2-3): 501-511
981	36.15	117.15	rice	1.75	7.30	4.76	1.75	22.00	22.47	666.00	1072.80	200.00	0.26	Ding W. et al. (2007). Nitrous oxide emissions from an intensively cultivated maize–wheat rotation soil in the North China Plain. Science of The Total Environment. 373(2-3): 501-511
982	36.15	117.15	rice	1.75	7.30	4.76	1.75	22.00	22.47	666.00	1072.80	300.00	0.33	Ding W. et al. (2007). Nitrous oxide emissions from an intensively cultivated maize–wheat rotation soil in the North China Plain. Science of The Total Environment. 373(2-3): 501-511
983	25.99	119.63	rice	1.10	6.50	6.84	1.10	25.00	19.38	477.60	541.20	0.00	0.10	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
984	25.99	119.63	rice	1.10	6.50	6.84	1.10	25.00	19.38	477.60	541.20	95.00	0.48	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
985	25.99	119.63	rice	1.10	6.50	6.84	1.10	25.00	19.38	477.60	541.20	95.00	0.11	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
986	31.98	118.80	wheat	1.40	5.70	14.70	1.32	32.33	11.50	510.50	791.31	0.00	0.68	Li L. et al. (2015). Effects of biochar application on N_2O and CH_4 in rice field at different periods. Acta Peddlogica Sinica. 52(4)
987	31.98	118.80	wheat	1.40	5.70	14.70	1.32	32.33	11.50	510.50	791.31	250.00	4.45	Li L. et al. (2015). Effects of biochar application on N_2O and CH_4 in rice field at different periods. Acta Peddlogica Sinica. 52(4)
988	31.45	120.42	wheat	1.40	6.30	19.50	1.82	25.00	12.16	527.96	927.71	0.00	0.54	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
989	31.45	120.42	wheat	1.40	6.30	19.50	1.82	25.00	12.16	527.96	927.71	225.00	0.74	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
990	31.45	120.42	wheat	1.40	6.30	19.50	1.82	25.00	12.16	527.96	927.71	225.00	0.66	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
991	31.45	120.42	wheat	1.40	6.30	19.50	1.82	25.00	12.16	527.96	927.71	225.00	0.82	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
992	31.45	120.42	wheat	1.40	6.30	19.50	1.82	25.00	12.16	527.96	927.71	225.00	0.76	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
993	31.45	120.42	wheat	1.40	6.30	19.50	1.82	25.00	11.78	614.20	992.04	225.00	1.29	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
994	31.45	120.42	wheat	1.40	6.30	19.50	1.82	25.00	11.78	614.20	992.04	225.00	1.41	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
995	31.45	120.42	wheat	1.40	6.30	19.50	1.82	25.00	11.78	614.20	992.04	225.00	1.23	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
996	31.45	120.42	wheat	1.40	6.30	19.50	1.82	25.00	11.78	614.20	992.04	225.00	1.11	Zhang L. et al. (2015). Integrative effects of soil tillage and straw management on crop yields and greenhouse gas emissions in a rice–wheat cropping system. European Journal of Agronomy. 63: 47-54
997	31.53	120.68	wheat	1.12	6.40	11.28	1.84	33.91	10.17	588.99	530.86	0.00	0.26	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
998	31.53	120.68	wheat	1.12	6.40	11.28	1.84	33.91	10.17	588.99	530.86	180.00	1.34	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
999	31.53	120.68	wheat	1.12	6.40	11.28	1.84	33.91	10.58	191.78	876.23	0.00	0.18	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
1000	31.53	120.68	wheat	1.12	6.40	11.28	1.84	33.91	10.58	191.78	876.23	180.00	0.67	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
1001	31.53	120.68	wheat	1.12	6.40	11.28	1.84	33.91	10.17	588.99	530.86	180.00	1.22	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
1002	31.53	120.68	wheat	1.12	6.40	11.28	1.84	33.91	10.58	191.78	876.23	180.00	1.02	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
1003	31.53	120.68	wheat	1.12	6.40	11.28	1.84	33.91	10.17	588.99	530.86	180.00	0.51	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
1004	31.53	120.68	wheat	1.12	6.40	11.28	1.84	33.91	10.58	191.78	876.23	180.00	0.37	Xia L. et al. (2014). Effects of long-term straw incorporation on the net global warmingpotential and the net economic benefit in a rice–wheat cropping system in China. Agriculture, Ecosystems & Environment. 197(1): 118-127
1005	29.85	115.55	wheat	1.21	4.79	16.89	2.20	21.00	11.93	874.77	699.77	0.00	0.46	Zhang Z.et al.(2015). Effects of tillage practices and straw returning methods on greenhouse gas emissions and net ecosystem economic budget in riceewheat cropping systems in central China. Atmospheric Environment. 122: 636-644
1006	29.85	115.55	wheat	1.21	4.79	16.89	2.20	21.00	11.93	874.77	699.77	144.00	2.24	Zhang Z.et al.(2015). Effects of tillage practices and straw returning methods on greenhouse gas emissions and net ecosystem economic budget in riceewheat cropping systems in central China. Atmospheric Environment. 122: 636-644
1007	29.85	115.55	wheat	1.21	4.79	16.89	2.20	21.00	11.93	874.77	699.77	144.00	2.04	Zhang Z.et al.(2015). Effects of tillage practices and straw returning methods on greenhouse gas emissions and net ecosystem economic budget in riceewheat cropping systems in central China. Atmospheric Environment. 122: 636-644
1008	29.85	115.55	wheat	1.21	4.79	16.89	2.20	21.00	11.93	874.77	699.77	144.00	1.67	Zhang Z.et al.(2015). Effects of tillage practices and straw returning methods on greenhouse gas emissions and net ecosystem economic budget in riceewheat cropping systems in central China. Atmospheric Environment. 122: 636-644
1009	29.85	115.55	wheat	1.21	4.79	16.89	2.20	21.00	11.93	874.77	699.77	144.00	2.01	Zhang Z.et al.(2015). Effects of tillage practices and straw returning methods on greenhouse gas emissions and net ecosystem economic budget in riceewheat cropping systems in central China. Atmospheric Environment. 122: 636-644
1010	31.53	120.92	wheat	1.20	7.60	11.60	2.30	14.32	11.14	445.44	801.35	0.00	1.16	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
1011	31.53	120.92	wheat	1.20	7.60	11.60	2.30	14.32	11.14	445.44	801.35	240.00	1.87	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
1012	31.53	120.92	wheat	1.20	7.60	11.60	2.30	14.32	11.14	445.44	801.35	120.00	2.40	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
1013	31.53	120.92	wheat	1.20	7.60	11.60	2.30	14.32	11.14	445.44	801.35	81.60	2.10	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
1014	33.00	119.00	wheat	1.40	7.47	14.36	0.87	25.00	12.27	644.49	904.92	0.00	0.10	Hu N. et al. (2016). Effects of different straw returning modes on greenhouse gas emissions and crop yields in a rice–wheat rotation system. Agriculture, Ecosystems & Environment. 223(1): 115-122
1015	33.00	119.00	wheat	1.40	7.47	14.36	0.87	25.00	12.27	644.49	904.92	270.00	0.38	Hu N. et al. (2016). Effects of different straw returning modes on greenhouse gas emissions and crop yields in a rice–wheat rotation system. Agriculture, Ecosystems & Environment. 223(1): 115-122
1016	33.00	119.00	wheat	1.40	7.47	14.36	0.87	25.00	12.27	644.49	904.92	270.00	0.65	Hu N. et al. (2016). Effects of different straw returning modes on greenhouse gas emissions and crop yields in a rice–wheat rotation system. Agriculture, Ecosystems & Environment. 223(1): 115-122
1017	36.97	117.98	wheat	1.42	8.29	10.54	1.05	29.50	10.90	317.12	1240.97	0.00	0.30	Cui F. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from a wheat–maize cropping system on a silt loam calcareous soil in the north China plain. Soil Biology & Biochemistry. 48: 10-19
1018	36.97	117.98	wheat	1.42	8.29	10.54	1.05	29.50	10.90	317.12	1240.97	270.00	2.40	Cui F. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from a wheat–maize cropping system on a silt loam calcareous soil in the north China plain. Soil Biology & Biochemistry. 48: 10-19
1019	34.92	110.70	wheat	1.17	8.70	7.27	1.12	34.09	11.68	175.31	1243.84	0.00	0.48	Liu C. et al. (2012). Responses of N_2O and CH_4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9(2): 839–850
1020	34.92	110.70	wheat	1.17	8.70	7.27	1.12	34.09	11.68	175.31	1243.84	60.00	0.48	Liu C. et al. (2012). Responses of N_2O and CH_4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9(2): 839–850
1021	34.92	110.70	wheat	1.17	8.70	7.27	1.12	34.09	11.68	175.31	1243.84	120.00	0.59	Liu C. et al. (2012). Responses of N_2O and CH_4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9(2): 839–850
1022	34.92	110.70	wheat	1.17	8.70	7.27	1.12	34.09	11.68	175.31	1243.84	180.00	0.79	Liu C. et al. (2012). Responses of N_2O and CH_4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9(2): 839–850
1023	34.92	110.70	wheat	1.17	8.70	7.27	1.12	34.09	11.68	175.31	1243.84	400.00	1.08	Liu C. et al. (2012). Responses of N_2O and CH_4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9(2): 839–850
1024	34.92	110.70	wheat	1.17	8.70	7.27	1.12	34.09	11.68	175.31	1243.84	300.00	0.90	Liu C. et al. (2012). Responses of N_2O and CH_4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9(2): 839–850
1025	35.20	107.67	wheat	1.40	8.20	19.25	2.30	44.00	11.45	211.42	1033.25	0.00	1.67	Wei X. et al. (2010). Nitrous oxide emission from highland winter wheat field after long-term fertilization. Biogeosciences. 7(10): 3301-3310
1026	35.20	107.67	wheat	1.40	8.20	19.25	2.40	44.00	11.45	211.42	1033.25	120.00	3.40	Wei X. et al. (2010). Nitrous oxide emission from highland winter wheat field after long-term fertilization. Biogeosciences. 7(10): 3301-3310
1027	35.20	107.67	wheat	1.40	8.20	19.25	2.30	44.00	11.45	211.42	1033.25	120.00	2.89	Wei X. et al. (2010). Nitrous oxide emission from highland winter wheat field after long-term fertilization. Biogeosciences. 7(10): 3301-3310
1028	35.20	107.67	wheat	1.40	8.20	19.25	2.30	44.00	9.94	256.97	848.95	0.00	1.49	Wei X. et al. (2010). Nitrous oxide emission from highland winter wheat field after long-term fertilization. Biogeosciences. 7(10): 3301-3310
1029	35.20	107.67	wheat	1.40	8.20	19.25	2.30	44.00	9.94	256.97	848.95	120.00	4.80	Wei X. et al. (2010). Nitrous oxide emission from highland winter wheat field after long-term fertilization. Biogeosciences. 7(10): 3301-3310
1030	35.20	107.67	wheat	1.40	8.20	19.25	2.30	44.00	9.94	256.97	848.95	120.00	3.54	Wei X. et al. (2010). Nitrous oxide emission from highland winter wheat field after long-term fertilization. Biogeosciences. 7(10): 3301-3310
1031	35.20	107.67	wheat	1.40	8.20	19.25	2.30	44.00	9.94	256.97	848.95	0.00	2.12	Wei X. et al. (2010). Nitrous oxide emission from highland winter wheat field after long-term fertilization. Biogeosciences. 7(10): 3301-3310
1032	35.20	107.67	wheat	1.40	8.20	19.25	2.30	44.00	9.94	256.97	848.95	120.00	2.95	Wei X. et al. (2010). Nitrous oxide emission from highland winter wheat field after long-term fertilization. Biogeosciences. 7(10): 3301-3310
1033	35.20	107.67	wheat	1.40	8.20	19.25	2.30	44.00	9.94	256.97	848.95	0.00	2.00	Wei X. et al. (2010). Nitrous oxide emission from highland winter wheat field after long-term fertilization. Biogeosciences. 7(10): 3301-3310
1034	35.20	107.67	wheat	1.40	8.20	19.25	2.30	44.00	9.94	256.97	848.95	120.00	3.75	Wei X. et al. (2010). Nitrous oxide emission from highland winter wheat field after long-term fertilization. Biogeosciences. 7(10): 3301-3310
1035	36.87	115.02	wheat	1.37	7.72	6.26	0.70	32.29	9.30	140.78	1063.57	0.00	0.22	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1036	36.87	115.02	wheat	1.37	7.72	6.26	0.70	32.29	9.30	140.78	1063.57	300.00	0.73	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1037	36.87	115.02	wheat	1.37	7.72	6.26	0.70	32.29	7.15	104.64	830.17	100.00	0.79	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1038	36.87	115.02	wheat	1.37	7.72	6.26	0.70	32.29	7.15	104.64	830.17	100.00	0.72	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1039	36.87	115.02	wheat	1.37	7.72	6.26	0.70	32.29	7.15	104.64	830.17	100.00	0.74	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1040	36.87	115.02	wheat	1.37	7.72	6.26	0.70	32.29	8.29	69.38	873.75	300.00	1.42	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1041	36.87	115.02	wheat	1.37	7.72	6.26	0.70	32.29	8.29	69.38	873.75	139.00	1.20	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1042	39.50	116.30	wheat	1.33	8.00	9.06	1.18	33.26	7.03	118.90	892.01	0.00	0.01	Gao Z. (2004). N2O flue and ch4 uptake of soil in winter wheat and summer maize rotation system. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1043	39.50	116.30	wheat	1.33	8.00	9.06	1.18	33.26	7.03	118.90	892.01	95.00	0.11	Gao Z. (2004). N_2O flue and ch4 uptake of soil in winter wheat and summer maize rotation system. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1044	39.50	116.30	wheat	1.33	8.00	9.06	1.18	33.26	7.03	118.90	892.01	95.00	0.14	Gao Z. (2004). N_2O flue and ch4 uptake of soil in winter wheat and summer maize rotation system. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1045	39.50	116.30	wheat	1.33	8.00	9.06	1.18	33.26	7.03	118.90	892.01	150.00	0.11	Gao Z. (2004). N_2O flue and ch4 uptake of soil in winter wheat and summer maize rotation system. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1046	39.50	116.30	wheat	1.33	8.00	9.06	1.18	33.26	7.03	118.90	892.01	52.00	0.26	Gao Z. (2004). N_2O flue and ch4 uptake of soil in winter wheat and summer maize rotation system. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1047	39.50	116.30	wheat	1.33	8.00	9.06	1.18	33.26	7.03	118.90	892.01	300.00	0.41	Gao Z. (2004). N_2O flue and ch4 uptake of soil in winter wheat and summer maize rotation system. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1048	36.87	115.17	wheat	1.32	8.24	9.06	0.90	32.29	9.30	140.78	1063.57	0.00	0.22	Hu X. et al. (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1049	36.87	115.17	wheat	1.32	8.24	9.06	0.90	32.29	9.30	140.78	1063.57	200.00	0.45	Hu X. et al. (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1050	36.87	115.17	wheat	1.32	8.24	9.06	0.90	32.29	9.30	140.78	1063.57	200.00	0.48	Hu X. et al. (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128

1051	36.87	115.17	wheat	1.32	8.24	9.06	0.90	32.29	9.30	140.78	1063.57	200.00	0.83	Hu X. et al. (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1052	36.87	115.17	wheat	1.32	8.24	9.06	0.90	32.29	9.30	140.78	1063.57	200.00	0.85	Hu X. et al. (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1053	36.87	115.17	wheat	1.32	8.24	9.06	0.90	32.29	9.30	140.78	1063.57	200.00	1.06	Hu X. et al. (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1054	36.87	115.17	wheat	1.32	8.24	9.06	0.90	32.29	9.30	140.78	1063.57	200.00	0.44	Hu X. et al. (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1055	35.20	107.67	wheat	1.40	8.20	19.25	0.97	44.00	9.82	144.46	809.21	0.00	0.75	Liang D. (2003). Nitrous oxide losses of nitrogen fertilizer and influential factors on loess soil. (in Chinese with English abstract). Doctor dissertation of Northwest Agriculture & Forestry University (Shanxi, China)
1056	35.20	107.67	wheat	1.40	8.20	19.25	1.18	44.00	9.82	144.46	809.21	165.00	2.90	Liang D. (2003). Nitrous oxide losses of nitrogen fertilizer and influential factors on loess soil. (in Chinese with English abstract). Doctor dissertation of Northwest Agriculture & Forestry University (Shanxi, China)
1057	35.20	107.67	wheat	1.40	8.20	19.25	1.39	44.00	9.82	144.46	809.21	74.30	4.10	Liang D. (2003). Nitrous oxide losses of nitrogen fertilizer and influential factors on loess soil. (in Chinese with English abstract). Doctor dissertation of Northwest Agriculture & Forestry University (Shanxi, China)
1058	38.13	115.07	wheat	1.30	8.60	16.89	1.00	11.00	9.85	219.21	1010.47	0.00	0.13	Ma L. et al. (2012). Ammonia volatilization in wheat-maize rotation system by nitrogen application level and nitrous oxide emissions. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(2): 225-230
1059	38.13	115.07	wheat	1.30	8.60	16.89	1.00	11.00	9.85	219.21	1010.47	75.00	0.14	Ma L. et al. (2012). Ammonia volatilization in wheat-maize rotation system by nitrogen application level and nitrous oxide emissions. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(2): 225-230
1060	38.13	115.07	wheat	1.30	8.60	16.89	1.00	11.00	9.85	219.21	1010.47	225.00	0.25	Ma L. et al. (2012). Ammonia volatilization in wheat-maize rotation system by nitrogen application level and nitrous oxide emissions. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(2): 225-230
1061	38.13	115.07	wheat	1.30	8.60	16.89	1.00	11.00	9.85	219.21	1010.47	150.00	0.16	Ma L. et al. (2012). Ammonia volatilization in wheat-maize rotation system by nitrogen application level and nitrous oxide emissions. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(2): 225-230
1062	36.87	118.17	wheat	1.51	8.10	16.89	1.52	29.50	11.58	223.35	1236.77	0.00	0.54	Pan Z. et al. (2004). Effects of different straw returning modes and nitrogen application rates on soil N_2O emission. (in Chinese with English abstract). Soil Fertilizer Science. 05: 0006-03
1063	36.87	118.17	wheat	1.51	8.10	16.89	1.52	29.50	11.58	223.35	1236.77	100.00	0.86	Pan Z. et al. (2004). Effects of different straw returning modes and nitrogen application rates on soil N_2O emission. (in Chinese with English abstract). Soil Fertilizer Science. 05: 0006-03
1064	36.87	118.17	wheat	1.51	8.10	16.89	1.52	29.50	11.58	223.35	1236.77	200.00	0.59	Pan Z. et al. (2004). Effects of different straw returning modes and nitrogen application rates on soil N_2O emission. (in Chinese with English abstract). Soil Fertilizer Science. 05: 0006-03
1065	36.87	118.17	wheat	1.51	8.10	16.89	1.52	29.50	11.58	223.35	1236.77	100.00	5.65	Pan Z. et al. (2004). Effects of different straw returning modes and nitrogen application rates on soil N_2O emission. (in Chinese with English abstract). Soil Fertilizer Science. 05: 0006-03
1066	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	7.34	226.94	662.15	0.00	0.19	Shi P et al. (2011). Effects of long-term application of fertilization on wheat yield and emission of the CO_2 and N_2O from soil in loess plateau. (in Chinese with English abstract). Doctor dissertation of Northwest Agriculture & Forestry University (Shanxi, China)
1067	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	7.34	226.94	662.15	120.00	0.46	Shi P et al. (2011). Effects of long-term application of fertilization on wheat yield and emission of the CO_2 and N_2O from soil in loess plateau. (in Chinese with English abstract). Doctor dissertation of Northwest Agriculture & Forestry University (Shanxi, China)
1068	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	7.34	226.94	662.15	120.00	0.52	Shi P et al. (2011). Effects of long-term application of fertilization on wheat yield and emission of the CO_2 and N_2O from soil in loess plateau. (in Chinese with English abstract). Doctor dissertation of Northwest Agriculture & Forestry University (Shanxi, China)
1069	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	7.34	226.94	662.15	0.00	0.21	Shi P et al. (2011). Effects of long-term application of fertilization on wheat yield and emission of the CO_2 and N_2O from soil in loess plateau. (in Chinese with English abstract). Doctor dissertation of Northwest Agriculture & Forestry University (Shanxi, China)
1070	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	7.34	226.94	662.15	120.00	0.61	Shi P et al. (2011). Effects of long-term application of fertilization on wheat yield and emission of the CO_2 and N_2O from soil in loess plateau. (in Chinese with English abstract). Doctor dissertation of Northwest Agriculture & Forestry University (Shanxi, China)
1071	38.02	115.53	wheat	1.40	8.00	9.06	0.94	47.67	10.12	290.97	1027.19	0.00	0.67	Wang X.et al. (2009). Effect of optimized nitrogen application on denitrification losses and N2O emissions from soil in winter wheat/summer corn rotation system in north China. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 15(1): 48-54
1072	38.02	115.53	wheat	1.40	8.00	9.06	0.94	47.67	10.12	290.97	1027.19	210.00	1.40	Wang X.et al. (2009). Effect of optimized nitrogen application on denitrification losses and N2O emissions from soil in winter wheat/summer corn rotation system in north China. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 15(1): 48-54
1073	38.02	115.53	wheat	1.40	8.00	9.06	0.94	47.67	10.12	290.97	1027.19	300.00	1.67	Wang X.et al. (2009). Effect of optimized nitrogen application on denitrification losses and N2O emissions from soil in winter wheat/summer corn rotation system in north China. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 15(1): 48-54
1074	38.02	115.53	wheat	1.40	8.00	9.06	0.94	47.67	10.12	290.97	1027.19	210.00	1.27	Wang X.et al. (2009). Effect of optimized nitrogen application on denitrification losses and N2O emissions from soil in winter wheat/summer corn rotation system in north China. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 15(1): 48-54
1075	31.97	119.30	wheat	1.39	6.00	14.36	1.70	44.00	13.31	510.04	910.96	0.00	0.95	Ji Y. et al. (2012). Effect of controlled release fertilizer on nitrous oxide emission from a winter wheat field. Original Article. 94: 111-122
1076	31.97	119.30	wheat	1.39	6.00	14.36	1.70	44.00	13.31	510.04	910.96	100.00	2.86	Ji Y. et al. (2012). Effect of controlled release fertilizer on nitrous oxide emission from a winter wheat field. Original Article. 94: 111-122
1077	31.97	119.30	wheat	1.39	6.00	14.36	1.70	44.00	13.31	510.04	910.96	200.00	3.93	Ji Y. et al. (2012). Effect of controlled release fertilizer on nitrous oxide emission from a winter wheat field. Original Article. 94: 111-122
1078	31.97	119.30	wheat	1.39	6.00	14.36	1.70	44.00	11.94	581.21	605.18	0.00	0.35	Ji Y. et al. (2012). Effect of controlled release fertilizer on nitrous oxide emission from a winter wheat field. Original Article. 94: 111-122
1079	31.97	119.30	wheat	1.39	6.00	14.36	1.70	44.00	11.94	581.21	605.18	100.00	0.93	Ji Y. et al. (2012). Effect of controlled release fertilizer on nitrous oxide emission from a winter wheat field. Original Article. 94: 111-122
1080	31.97	119.30	wheat	1.39	6.00	14.36	1.70	44.00	11.94	581.21	605.18	200.00	1.39	Ji Y. et al. (2012). Effect of controlled release fertilizer on nitrous oxide emission from a winter wheat field. Original Article. 94: 111-122
1081	31.97	119.30	wheat	1.39	6.00	14.36	1.70	44.00	11.94	581.21	605.18	270.00	2.17	Ji Y. et al. (2012). Effect of controlled release fertilizer on nitrous oxide emission from a winter wheat field. Original Article. 94: 111-122
1082	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	0.00	2.60	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1083	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	100.00	5.57	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1084	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	300.00	7.74	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1085	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	200.00	7.54	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1086	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	0.00	3.67	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1087	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	200.00	6.45	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1088	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	200.00	6.52	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1089	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	200.00	6.90	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1090	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	200.00	6.85	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1091	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	0.00	4.32	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1092	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	180.00	8.51	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1093	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	180.00	8.55	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1094	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	180.00	9.29	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1095	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	180.00	8.33	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1096	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	180.00	8.19	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1097	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	150.00	5.97	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1098	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	225.00	7.44	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1099	31.98	119.30	wheat	1.39	6.00	14.36	1.10	44.00	11.61	692.60	694.73	0.00	0.35	Ji Y. et al. (2012). Effect of controlled-release fertilizer (CRF) on nitrous oxide emission during the wheat growing period. (in Chinese with English abstract). Acta Pedologica Sinica. 49(3):526-534.
1100	31.98	119.30	wheat	1.39	6.00	14.36	1.10	44.00	11.61	692.60	694.73	100.00	0.93	Ji Y. et al. (2012). Effect of controlled-release fertilizer (CRF) on nitrous oxide emission during the wheat growing period. (in Chinese with English abstract). Acta Pedologica Sinica. 49(3):526-534.
1101	31.98	119.30	wheat	1.39	6.00	14.36	1.10	44.00	11.61	692.60	694.73	200.00	1.39	Ji Y. et al. (2012). Effect of controlled-release fertilizer (CRF) on nitrous oxide emission during the wheat growing period. (in Chinese with English abstract). Acta Pedologica Sinica. 49(3):526-534.
1102	31.98	119.30	wheat	1.39	6.00	14.36	1.10	44.00	11.61	692.60	694.73	270.00	2.18	Ji Y. et al. (2012). Effect of controlled-release fertilizer (CRF) on nitrous oxide emission during the wheat growing period. (in Chinese with English abstract). Acta Pedologica Sinica. 49(3):526-534.
1103	36.98	117.99	wheat	1.50	8.10	16.89	0.84	29.50	8.91	121.73	733.43	0.00	0.30	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1104	36.98	117.99	wheat	1.50	8.10	16.89	0.84	29.50	8.91	121.73	733.43	225.00	1.20	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1105	36.98	117.99	wheat	1.48	8.10	16.89	0.75	29.50	8.91	121.73	733.43	345.00	1.40	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1106	36.98	117.99	wheat	1.48	8.10	16.89	0.75	29.50	8.91	121.73	733.43	0.00	0.40	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1107	36.98	117.99	wheat	1.48	8.10	16.89	0.75	29.50	8.91	121.73	733.43	225.00	0.90	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1108	36.98	117.99	wheat	1.50	8.10	16.89	0.84	29.50	8.91	121.73	733.43	345.00	1.70	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1109	36.98	117.99	wheat	1.48	8.10	16.89	0.75	29.50	8.91	121.73	733.43	0.00	0.60	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1110	36.98	117.99	wheat	1.48	8.10	16.89	0.75	29.50	8.91	121.73	733.43	225.00	0.90	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1111	36.98	117.99	wheat	1.48	8.10	16.89	0.75	29.50	8.91	121.73	733.43	345.00	1.50	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1112	36.98	117.99	wheat	1.50	8.10	16.89	0.84	29.50	8.91	121.73	733.43	0.00	0.40	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1113	36.98	117.99	wheat	1.50	8.10	16.89	0.84	29.50	8.91	121.73	733.43	225.00	1.10	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1114	36.98	117.99	wheat	1.50	8.10	16.89	0.84	29.50	8.91	121.73	733.43	345.00	1.30	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1115	31.83	117.83	wheat	1.11	6.30	16.37	2.72	23.00	11.80	574.98	910.57	0.00	0.45	Zuo H F. (2014). Effects of different fertilizing techniques on the emissions of methane and nitrous oxide from rice-wheat rotation cropland of Chao Lake Basin. (in Chinese with English abstract). Anhui Agricultural University. (Hefei, China)
1116	31.83	117.83	wheat	1.11	6.30	16.37	2.72	23.00	11.80	574.98	910.57	205.00	0.65	Zuo H F. (2014). Effects of different fertilizing techniques on the emissions of methane and nitrous oxide from rice-wheat rotation cropland of Chao Lake Basin. (in Chinese with English abstract). Anhui Agricultural University. (Hefei, China)
1117	31.83	117.83	wheat	1.11	6.30	16.37	2.72	23.00	11.80	574.98	910.57	210.00	0.73	Zuo H F. (2014). Effects of different fertilizing techniques on the emissions of methane and nitrous oxide from rice-wheat rotation cropland of Chao Lake Basin. (in Chinese with English abstract). Anhui Agricultural University. (Hefei, China)
1118	38.13	115.07	wheat	1.60	7.70	16.89	0.89	11.00	7.56	249.28	876.75	0.00	0.27	Wang Y Q. et al. (2015). Effects of dicyandiamide combined with nitrogen fertilizer on N2O emission and economic benefit in winter wheat and summer maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(7):1999-2006.
1119	38.13	115.07	wheat	1.60	7.70	16.89	0.89	11.00	7.56	249.28	876.75	150.00	0.61	Wang Y Q. et al. (2015). Effects of dicyandiamide combined with nitrogen fertilizer on N2O emission and economic benefit in winter wheat and summer maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(7):1999-2006.
1120	38.13	115.07	wheat	1.60	7.70	16.89	0.89	11.00	7.56	249.28	876.75	300.00	0.73	Wang Y Q. et al. (2015). Effects of dicyandiamide combined with nitrogen fertilizer on N2O emission and economic benefit in winter wheat and summer maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(7):1999-2006.
1121	38.13	115.07	wheat	1.60	7.70	16.89	0.89	11.00	7.56	249.28	876.75	225.00	0.67	Wang Y Q. et al. (2015). Effects of dicyandiamide combined with nitrogen fertilizer on N2O emission and economic benefit in winter wheat and summer maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(7):1999-2006.
1122	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	9.17	292.57	1076.00	0.00	0.18	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1123	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	9.17	292.57	1076.00	120.00	0.37	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1124	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	7.92	380.64	970.96	0.00	0.16	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1125	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	9.17	292.57	1076.00	120.00	0.26	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1126	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	8.96	292.25	1026.46	0.00	0.23	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1127	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	7.92	380.64	970.96	120.00	0.42	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1128	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	7.92	380.64	970.96	120.00	0.73	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1129	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	8.96	292.25	1026.46	0.00	0.20	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1130	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	8.96	292.25	1026.46	120.00	0.31	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1131	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	8.96	292.25	1026.46	120.00	0.40	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1132	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	8.96	292.25	1026.46	120.00	0.39	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1133	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	8.96	292.25	1026.46	0.00	0.18	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1134	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	8.96	292.25	1026.46	120.00	0.62	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1135	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	8.96	292.25	1026.46	0.00	0.21	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1136	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	8.96	292.25	1026.46	120.00	0.35	Xue X H. (2010). Effects of Fertilization on Nitrogen Leaching and Greenhouse Gas Emissions in Typical Rainfed Areas. (in Chinese with English abstract). Graduate University of Chinese Academy of Sciences. (Yangling, China)
1137	31.21	105.38	wheat	1.34	8.20	6.95	0.81	30.93	12.48	167.96	624.10	0.00	0.04	Liu Y． et al. (2016). Effects of fertiliza tion on soil N2O emission from winter wheat-summer maize rotation. (in Chinese with English abstract). Acta Pedologica Sinica. 53(3):735－745.
1138	31.21	105.38	wheat	1.34	8.20	6.95	0.81	30.93	12.48	167.96	624.10	150.00	0.24	Liu Y． et al. (2016). Effects of fertiliza tion on soil N2O emission from winter wheat-summer maize rotation. (in Chinese with English abstract). Acta Pedologica Sinica. 53(3):735－745.
1139	31.21	105.38	wheat	1.34	8.20	6.95	0.81	30.93	12.48	167.96	624.10	150.00	0.18	Liu Y． et al. (2016). Effects of fertiliza tion on soil N2O emission from winter wheat-summer maize rotation. (in Chinese with English abstract). Acta Pedologica Sinica. 53(3):735－745.
1140	31.21	105.38	wheat	1.34	8.20	6.95	0.81	30.93	12.48	167.96	624.10	150.00	0.23	Liu Y． et al. (2016). Effects of fertiliza tion on soil N2O emission from winter wheat-summer maize rotation. (in Chinese with English abstract). Acta Pedologica Sinica. 53(3):735－745.
1141	31.21	105.38	wheat	1.34	8.20	6.95	0.81	30.93	12.48	167.96	624.10	150.00	0.21	Liu Y． et al. (2016). Effects of fertiliza tion on soil N2O emission from winter wheat-summer maize rotation. (in Chinese with English abstract). Acta Pedologica Sinica. 53(3):735－745.
1142	38.13	115.07	wheat	1.60	7.80	16.89	1.00	11.00	9.85	219.21	1010.47	0.00	0.13	Li X. (2007). Fate of fertilizer nitrogen and gaseous N loss in winter wheat summer maize rotation system in North China Plain. (in Chinese with English abstract). MS Thesis of Agricultural University of Hebei. (Baoding,China)
1143	38.13	115.07	wheat	1.60	7.80	16.89	1.00	11.00	9.85	219.21	1010.47	75.00	0.14	Li X. (2007). Fate of fertilizer nitrogen and gaseous N loss in winter wheat summer maize rotation system in North China Plain. (in Chinese with English abstract). MS Thesis of Agricultural University of Hebei. (Baoding,China)
1144	38.13	115.07	wheat	1.60	7.80	16.89	1.00	11.00	9.85	219.21	1010.47	300.00	0.24	Li X. (2007). Fate of fertilizer nitrogen and gaseous N loss in winter wheat summer maize rotation system in North China Plain. (in Chinese with English abstract). MS Thesis of Agricultural University of Hebei. (Baoding,China)
1145	38.13	115.07	wheat	1.60	7.80	16.89	1.00	11.00	9.85	219.21	1010.47	225.00	0.25	Li X. (2007). Fate of fertilizer nitrogen and gaseous N loss in winter wheat summer maize rotation system in North China Plain. (in Chinese with English abstract). MS Thesis of Agricultural University of Hebei. (Baoding,China)
1146	38.13	115.07	wheat	1.60	7.80	16.89	1.00	11.00	9.85	219.21	1010.47	150.00	0.16	Li X. (2007). Fate of fertilizer nitrogen and gaseous N loss in winter wheat summer maize rotation system in North China Plain. (in Chinese with English abstract). MS Thesis of Agricultural University of Hebei. (Baoding,China)

1147	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	9.17	292.57	1076.00	0.00	0.31	Chen L. (2007). Research on nitrrogen recycle and its effect on environment in dry-land of loess plateau. (in Chinese with English abstract). Northwest Agriculture and Forestry University. (Yangling, China)
1148	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	9.17	292.57	1076.00	120.00	0.60	Chen L. (2007). Research on nitrrogen recycle and its effect on environment in dry-land of loess plateau. (in Chinese with English abstract). Northwest Agriculture and Forestry University. (Yangling, China)
1149	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	9.17	292.57	1076.00	120.00	0.47	Chen L. (2007). Research on nitrrogen recycle and its effect on environment in dry-land of loess plateau. (in Chinese with English abstract). Northwest Agriculture and Forestry University. (Yangling, China)
1150	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	9.17	292.57	1076.00	0.00	0.33	Chen L. (2007). Research on nitrrogen recycle and its effect on environment in dry-land of loess plateau. (in Chinese with English abstract). Northwest Agriculture and Forestry University. (Yangling, China)
1151	35.20	107.67	wheat	1.38	8.30	19.25	0.57	38.80	9.17	292.57	1076.00	120.00	0.65	Chen L. (2007). Research on nitrrogen recycle and its effect on environment in dry-land of loess plateau. (in Chinese with English abstract). Northwest Agriculture and Forestry University. (Yangling, China)
1152	36.87	115.02	wheat	1.37	7.72	6.26	0.70	16.00	7.15	104.64	830.17	0.00	0.11	Bing G. et al. (2014). Nitrous oxide and methane emissions from optimized and alternative cereal cropping systems on the North China Plain: A two-year field study. Science of the Total Environment. 472(feb.15):112-124.
1153	36.87	115.02	wheat	1.37	7.72	6.26	0.70	16.00	7.15	104.64	830.17	300.00	0.73	Bing G. et al. (2014). Nitrous oxide and methane emissions from optimized and alternative cereal cropping systems on the North China Plain: A two-year field study. Science of the Total Environment. 472(feb.15):112-124.
1154	36.87	115.02	wheat	1.37	7.72	6.26	0.70	16.00	7.15	104.64	830.17	100.00	0.79	Bing G. et al. (2014). Nitrous oxide and methane emissions from optimized and alternative cereal cropping systems on the North China Plain: A two-year field study. Science of the Total Environment. 472(feb.15):112-124.
1155	36.87	115.02	wheat	1.37	7.72	6.26	0.70	16.00	7.15	104.64	830.17	140.00	0.72	Bing G. et al. (2014). Nitrous oxide and methane emissions from optimized and alternative cereal cropping systems on the North China Plain: A two-year field study. Science of the Total Environment. 472(feb.15):112-124.
1156	36.87	115.02	wheat	1.37	7.72	6.26	0.70	16.00	7.15	104.64	830.17	140.00	0.74	Bing G. et al. (2014). Nitrous oxide and methane emissions from optimized and alternative cereal cropping systems on the North China Plain: A two-year field study. Science of the Total Environment. 472(feb.15):112-124.
1157	36.87	115.02	wheat	1.37	7.72	6.26	0.70	16.00	8.29	69.38	873.75	300.00	1.42	Bing G. et al. (2014). Nitrous oxide and methane emissions from optimized and alternative cereal cropping systems on the North China Plain: A two-year field study. Science of the Total Environment. 472(feb.15):112-124.
1158	36.87	115.02	wheat	1.37	7.72	6.26	0.70	16.00	8.29	69.38	873.75	139.00	1.20	Bing G. et al. (2014). Nitrous oxide and methane emissions from optimized and alternative cereal cropping systems on the North China Plain: A two-year field study. Science of the Total Environment. 472(feb.15):112-124.
1159	36.87	115.17	wheat	1.47	8.24	9.06	0.90	32.29	9.30	140.78	1063.57	0.00	0.24	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1160	36.87	115.17	wheat	1.47	8.24	9.06	0.90	32.29	9.30	140.78	1063.57	200.00	0.49	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1161	36.87	115.17	wheat	1.47	8.24	9.06	0.90	32.29	10.36	101.23	1106.38	0.00	0.20	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1162	36.87	115.17	wheat	1.47	8.24	9.06	0.90	32.29	10.36	101.23	1106.38	200.00	0.76	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1163	36.87	115.17	wheat	1.47	8.24	9.06	0.90	32.29	10.36	101.23	1106.38	200.00	0.51	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1164	36.87	115.17	wheat	1.47	8.24	9.06	0.90	32.29	10.36	101.23	1106.38	200.00	0.86	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1165	36.87	115.17	wheat	1.47	8.24	9.06	0.90	32.29	10.36	101.23	1106.38	200.00	0.96	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1166	36.87	115.17	wheat	1.47	8.24	9.06	0.90	32.29	10.36	101.23	1106.38	200.00	1.18	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1167	36.98	117.99	wheat	1.42	8.29	10.28	1.52	29.50	10.90	317.12	1240.97	0.00	0.33	Yan G. et al. (2013). Two-year simultaneous records of N2O and NO fluxes from a farmed cropland in the northern China plain with a reduced nitrogen addition rate by one-third. Agriculture Ecosystems & Environment. 178:39-50.
1168	36.98	117.99	wheat	1.42	8.29	10.28	1.52	29.50	10.90	317.12	1240.97	180.00	1.18	Yan G. et al. (2013). Two-year simultaneous records of N2O and NO fluxes from a farmed cropland in the northern China plain with a reduced nitrogen addition rate by one-third. Agriculture Ecosystems & Environment. 178:39-50.
1169	36.98	117.99	wheat	1.42	8.29	10.28	1.52	29.50	10.90	317.12	1240.97	270.00	2.39	Yan G. et al. (2013). Two-year simultaneous records of N2O and NO fluxes from a farmed cropland in the northern China plain with a reduced nitrogen addition rate by one-third. Agriculture Ecosystems & Environment. 178:39-50.
1170	36.98	117.99	wheat	1.42	8.29	10.28	1.52	29.50	9.34	212.60	1146.30	0.00	0.15	Yan G. et al. (2013). Two-year simultaneous records of N2O and NO fluxes from a farmed cropland in the northern China plain with a reduced nitrogen addition rate by one-third. Agriculture Ecosystems & Environment. 178:39-50.
1171	36.98	117.99	wheat	1.42	8.29	10.28	1.52	29.50	9.34	212.60	1146.30	270.00	0.51	Yan G. et al. (2013). Two-year simultaneous records of N2O and NO fluxes from a farmed cropland in the northern China plain with a reduced nitrogen addition rate by one-third. Agriculture Ecosystems & Environment. 178:39-50.
1172	36.98	117.99	wheat	1.42	8.29	10.28	1.52	29.50	9.34	212.60	1146.30	180.00	0.54	Yan G. et al. (2013). Two-year simultaneous records of N2O and NO fluxes from a farmed cropland in the northern China plain with a reduced nitrogen addition rate by one-third. Agriculture Ecosystems & Environment. 178:39-50.
1173	37.00	118.00	wheat	1.51	8.10	16.89	1.52	29.50	10.78	291.60	1239.30	0.00	0.73	Liu D X. (2013). Effects of Fertilization on Greenhouse Gas Emissions from Winter Wheat-Summer Maize Rotation Ecosystem. (in Chinese with English abstract). Shandong Agricultural University. (Qingdao, China)
1174	37.00	118.00	wheat	1.51	8.10	16.89	1.52	29.50	10.78	291.60	1239.30	270.00	1.49	Liu D X. (2013). Effects of Fertilization on Greenhouse Gas Emissions from Winter Wheat-Summer Maize Rotation Ecosystem. (in Chinese with English abstract). Shandong Agricultural University. (Qingdao, China)
1175	37.00	118.00	wheat	1.51	8.10	16.89	1.52	29.50	10.78	291.60	1239.30	180.00	0.79	Liu D X. (2013). Effects of Fertilization on Greenhouse Gas Emissions from Winter Wheat-Summer Maize Rotation Ecosystem. (in Chinese with English abstract). Shandong Agricultural University. (Qingdao, China)
1176	37.00	118.00	wheat	1.51	8.10	16.89	1.52	29.50	10.78	291.60	1239.30	180.00	0.68	Liu D X. (2013). Effects of Fertilization on Greenhouse Gas Emissions from Winter Wheat-Summer Maize Rotation Ecosystem. (in Chinese with English abstract). Shandong Agricultural University. (Qingdao, China)
1177	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	10.36	99.90	1107.00	0.00	0.11	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1178	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	10.36	99.90	1107.00	300.00	0.73	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1179	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	10.36	99.90	1107.00	100.00	0.79	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1180	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	10.36	99.90	1107.00	140.00	0.74	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1181	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	10.39	191.70	931.50	300.00	1.42	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1182	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	10.39	191.70	931.50	140.00	0.72	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1183	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	10.39	191.70	931.50	139.00	1.20	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1184	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	9.34	189.00	1125.90	300.00	0.93	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1185	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	9.34	189.00	1125.90	130.00	0.80	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1186	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	9.34	189.00	1125.90	150.00	0.96	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1187	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	11.45	256.50	1042.20	300.00	0.68	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1188	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	11.04	256.50	1042.20	158.00	0.76	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1189	36.87	115.02	wheat	1.37	7.72	7.30	0.70	16.00	11.04	256.50	1042.20	221.00	0.69	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1190	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	10.71	189.00	877.50	0.00	0.17	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1191	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	10.71	189.00	877.50	190.00	0.74	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1192	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	10.71	189.00	877.50	190.00	1.12	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1193	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	10.71	189.00	877.50	190.00	0.97	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1194	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	10.71	189.00	877.50	150.00	0.95	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1195	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	10.71	189.00	877.50	230.00	1.41	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1196	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	10.71	189.00	877.50	270.00	1.71	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1197	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	10.71	189.00	877.50	190.00	1.11	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1198	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	11.61	135.00	777.00	0.00	0.20	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1199	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	11.61	135.00	777.00	190.00	1.07	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1200	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	11.61	135.00	777.00	190.00	1.64	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1201	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	11.61	135.00	777.00	190.00	1.30	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1202	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	11.61	135.00	777.00	150.00	0.94	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1203	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	11.61	135.00	777.00	230.00	1.91	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1204	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	11.61	135.00	777.00	270.00	2.13	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1205	35.00	114.40	wheat	1.51	8.28	9.06	0.60	32.14	11.61	135.00	777.00	190.00	1.72	Huang P. et al. (2015). Coupled water and nitrogen (N) management as a key strategy for the mitigation of gaseous N losses in the Huang-Huai-Hai Plain. Biology and Fertility of Soils. 51(3):333-342.
1206	34.93	110.72	wheat	1.44	8.30	7.27	0.95	34.09	10.29	207.90	1136.60	0.00	1.32	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
1207	34.93	110.72	wheat	1.44	8.30	7.27	0.95	34.09	10.29	207.90	1136.60	180.00	2.44	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
1208	34.93	110.72	wheat	1.44	8.30	7.27	0.95	34.09	10.85	302.40	1104.30	0.00	0.95	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
1209	34.93	110.72	wheat	1.44	8.30	7.27	0.95	34.09	10.85	302.40	1104.30	180.00	1.53	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
1210	47.43	126.63	wheat	1.40	6.00	20.60	1.23	39.08	15.65	417.60	549.60	0.00	0.14	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China. Field Crops Research, 161:98-106.
1211	47.43	126.63	wheat	1.40	6.00	20.60	1.23	39.08	15.65	417.60	549.60	113.00	0.41	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China. Field Crops Research, 161:98-106.
1212	47.43	126.63	wheat	1.40	6.00	20.60	1.23	39.08	15.65	417.60	549.60	113.00	0.22	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China. Field Crops Research, 161:98-106.
1213	47.43	126.63	wheat	1.40	6.00	20.60	1.23	39.08	15.65	417.60	549.60	113.00	0.20	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China. Field Crops Research, 161:98-106.
1214	47.43	126.63	wheat	1.40	6.00	20.60	1.23	39.08	15.65	417.60	549.60	149.00	0.52	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China. Field Crops Research, 161:98-106.
1215	31.27	105.47	wheat	1.32	8.30	6.35	0.55	30.93	13.00	400.80	585.60	0.00	0.03	Zhou M H. et al.(2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop-Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer. Ecosystems, 17(2):286-301.
1216	31.27	105.47	wheat	1.32	8.30	6.35	0.55	30.93	13.00	400.80	585.60	130.00	0.72	Zhou M H. et al.(2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop-Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer. Ecosystems, 17(2):286-301.
1217	31.27	105.47	wheat	1.32	8.30	6.35	0.55	30.93	13.00	400.80	585.60	130.00	1.03	Zhou M H. et al.(2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop-Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer. Ecosystems, 17(2):286-301.
1218	31.27	105.47	wheat	1.32	8.30	6.35	0.55	30.93	13.00	400.80	585.60	130.00	0.57	Zhou M H. et al.(2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop-Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer. Ecosystems, 17(2):286-301.
1219	39.80	116.47	wheat	1.31	8.10	7.27	0.80	33.26	8.53	229.50	1061.10	0.00	0.11	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1220	39.80	116.47	wheat	1.31	8.10	7.27	0.80	33.26	8.53	229.50	1061.10	300.00	0.89	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1221	39.80	116.47	wheat	1.31	8.10	7.27	0.80	33.26	8.53	229.50	1061.10	300.00	1.47	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1222	39.80	116.47	wheat	1.31	8.10	7.27	0.80	33.26	7.33	245.70	1123.20	0.00	0.30	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1223	39.80	116.47	wheat	1.31	8.10	7.27	0.80	33.26	7.33	245.70	1123.20	300.00	0.75	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1224	39.80	116.47	wheat	1.31	8.10	7.27	0.80	33.26	7.33	245.70	1123.20	300.00	1.50	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1225	31.40	120.42	wheat	1.20	5.95	11.40	0.51	33.00	12.70	720.00	1022.40	0.00	0.54	Xiang J. et al. (2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104(oct.1):52-58.
1226	31.40	120.42	wheat	1.20	5.95	11.40	0.51	33.00	12.70	720.00	1022.40	225.00	4.06	Xiang J. et al. (2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104(oct.1):52-58.
1227	31.40	120.42	wheat	1.20	5.95	11.40	0.51	33.00	12.70	720.00	1022.40	262.50	5.40	Xiang J. et al. (2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104(oct.1):52-58.
1228	34.07	108.03	wheat	1.40	7.40	10.54	0.90	44.00	10.73	278.10	947.70	0.00	0.24	Hu T. (2014). Study on GHG emission and mitigation in winter -summer fallow region of south loess plateau. (in Chinese with English abstract). Northwest Agriculture and Forestry University. (Yangling, China)
1229	34.07	108.03	wheat	1.40	7.40	10.54	0.90	44.00	10.73	278.10	947.70	220.00	0.44	Hu T. (2014). Study on GHG emission and mitigation in winter -summer fallow region of south loess plateau. (in Chinese with English abstract). Northwest Agriculture and Forestry University. (Yangling, China)
1230	34.07	108.03	wheat	1.40	7.40	10.54	0.90	44.00	10.73	278.10	947.70	150.00	0.31	Hu T. (2014). Study on GHG emission and mitigation in winter -summer fallow region of south loess plateau. (in Chinese with English abstract). Northwest Agriculture and Forestry University. (Yangling, China)
1231	39.00	115.50	wheat	1.54	7.76	16.89	1.44	19.63	9.64	164.70	823.50	0.00	0.16	Shen S Z. (2015). CO2 and N2O emission characteristics and impact factors in farmland under biogas slurry irrigation. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1232	39.00	115.50	wheat	1.54	7.76	16.89	1.44	19.63	9.64	164.70	823.50	300.00	0.90	Shen S Z. (2015). CO2 and N2O emission characteristics and impact factors in farmland under biogas slurry irrigation. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1233	39.00	115.50	wheat	1.54	7.76	16.89	1.44	19.63	9.64	164.70	823.50	105.00	0.46	Shen S Z. (2015). CO2 and N2O emission characteristics and impact factors in farmland under biogas slurry irrigation. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1234	39.00	115.50	wheat	1.54	7.76	16.89	1.44	19.63	9.64	164.70	823.50	210.00	0.66	Shen S Z. (2015). CO2 and N2O emission characteristics and impact factors in farmland under biogas slurry irrigation. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1235	39.00	115.50	wheat	1.54	7.76	16.89	1.44	19.63	9.64	164.70	823.50	317.00	1.01	Shen S Z. (2015). CO2 and N2O emission characteristics and impact factors in farmland under biogas slurry irrigation. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1236	39.60	116.00	wheat	1.36	8.30	9.06	0.09	33.26	9.51	178.20	1090.80	0.00	0.20	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1237	39.60	116.00	wheat	1.36	8.30	9.06	0.09	33.26	9.51	178.20	1090.80	50.00	0.32	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1238	39.60	116.00	wheat	1.36	8.30	9.06	0.09	33.26	9.51	178.20	1090.80	400.00	1.50	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1239	39.60	116.00	wheat	1.36	8.30	9.06	0.09	33.26	9.51	178.20	1090.80	300.00	1.15	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1240	39.60	116.00	wheat	1.36	8.30	9.06	0.09	33.26	9.51	178.20	1090.80	100.00	0.45	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1241	39.60	116.00	wheat	1.36	8.30	9.06	0.09	33.26	9.51	178.20	1090.80	250.00	0.87	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1242	39.60	116.00	wheat	1.36	8.30	9.06	0.09	33.26	9.51	178.20	1090.80	200.00	0.73	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)

1243	39.60	116.00	wheat	1.36	8.30	9.06	0.09	33.26	9.51	178.20	1090.80	150.00	0.58	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1244	34.33	108.40	wheat	1.37	7.90	18.36	1.37	18.00	10.51	432.00	861.30	0.00	0.07	Wang D L. et al. (2017). Effects of gravel mulching on greenhouse gas emissions intensity in wheat-maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(17):208-215.
1245	34.33	108.40	wheat	1.37	7.90	18.36	1.37	18.00	10.51	432.00	861.30	150.00	0.17	Wang D L. et al. (2017). Effects of gravel mulching on greenhouse gas emissions intensity in wheat-maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(17):208-215.
1246	34.33	108.40	wheat	1.37	7.90	18.36	1.37	18.00	10.51	432.00	861.30	150.00	0.16	Wang D L. et al. (2017). Effects of gravel mulching on greenhouse gas emissions intensity in wheat-maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(17):208-215.
1247	34.33	108.40	wheat	1.37	7.90	18.36	1.37	18.00	10.51	432.00	861.30	150.00	0.21	Wang D L. et al. (2017). Effects of gravel mulching on greenhouse gas emissions intensity in wheat-maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(17):208-215.
1248	34.33	108.40	wheat	1.37	7.90	18.36	1.37	18.00	10.51	432.00	861.30	150.00	0.20	Wang D L. et al. (2017). Effects of gravel mulching on greenhouse gas emissions intensity in wheat-maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(17):208-215.
1249	35.30	113.92	wheat	1.37	8.05	8.45	1.08	25.50	12.29	334.80	880.20	0.00	0.35	Han J M. et al. (2016). Contrasting effect of straw return and its biochar on changes in crop yield and integrated global warming effects under different nitrogen levels. (in Chinese with English abstract). Journal of Nanjing Agricultural University. 39(6):986-995.
1250	35.30	113.92	wheat	1.37	8.05	8.45	1.08	25.50	12.29	334.80	880.20	180.00	0.53	Han J M. et al. (2016). Contrasting effect of straw return and its biochar on changes in crop yield and integrated global warming effects under different nitrogen levels. (in Chinese with English abstract). Journal of Nanjing Agricultural University. 39(6):986-995.
1251	35.30	113.92	wheat	1.37	8.05	8.45	1.08	25.50	12.29	334.80	880.20	202.50	0.57	Han J M. et al. (2016). Contrasting effect of straw return and its biochar on changes in crop yield and integrated global warming effects under different nitrogen levels. (in Chinese with English abstract). Journal of Nanjing Agricultural University. 39(6):986-995.
1252	35.30	113.92	wheat	1.37	8.05	8.45	1.08	25.50	12.29	334.80	880.20	225.00	0.84	Han J M. et al. (2016). Contrasting effect of straw return and its biochar on changes in crop yield and integrated global warming effects under different nitrogen levels. (in Chinese with English abstract). Journal of Nanjing Agricultural University. 39(6):986-995.
1253	35.30	113.92	wheat	1.37	8.05	8.45	1.08	25.50	12.29	334.80	880.20	225.00	0.84	Han J M. et al. (2016). Contrasting effect of straw return and its biochar on changes in crop yield and integrated global warming effects under different nitrogen levels. (in Chinese with English abstract). Journal of Nanjing Agricultural University. 39(6):986-995.
1254	35.30	113.92	wheat	1.37	8.05	8.45	1.08	25.50	12.29	334.80	880.20	202.50	0.57	Han J M. et al. (2016). Contrasting effect of straw return and its biochar on changes in crop yield and integrated global warming effects under different nitrogen levels. (in Chinese with English abstract). Journal of Nanjing Agricultural University. 39(6):986-995.
1255	35.30	113.92	wheat	1.37	8.05	8.45	1.08	25.50	12.29	334.80	880.20	180.00	0.53	Han J M. et al. (2016). Contrasting effect of straw return and its biochar on changes in crop yield and integrated global warming effects under different nitrogen levels. (in Chinese with English abstract). Journal of Nanjing Agricultural University. 39(6):986-995.
1256	34.27	108.07	wheat	1.44	8.20	18.36	0.90	44.00	10.51	432.00	861.30	0.00	0.10	Cheng G. et al. (2017). Comparative analysis on effect of wheat straw and its biochar amendment on net global warming potential under wheat-maize rotation ecosystem in the Guanzhong Plain. (in Chinese with English abstract). Environmental Science. 38(2):792-801.
1257	34.27	108.07	wheat	1.44	8.20	18.36	0.90	44.00	10.51	432.00	861.30	150.00	0.47	Cheng G. et al. (2017). Comparative analysis on effect of wheat straw and its biochar amendment on net global warming potential under wheat-maize rotation ecosystem in the Guanzhong Plain. (in Chinese with English abstract). Environmental Science. 38(2):792-801.
1258	34.27	108.07	wheat	1.44	8.20	18.36	0.90	44.00	10.51	432.00	861.30	150.00	0.58	Cheng G. et al. (2017). Comparative analysis on effect of wheat straw and its biochar amendment on net global warming potential under wheat-maize rotation ecosystem in the Guanzhong Plain. (in Chinese with English abstract). Environmental Science. 38(2):792-801.
1259	39.75	116.14	wheat	1.36	8.20	10.54	0.81	33.26	7.33	245.70	1123.20	0.00	0.05	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1260	39.75	116.14	wheat	1.36	8.20	10.54	0.81	33.26	7.33	245.70	1123.20	50.00	0.06	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1261	39.75	116.14	wheat	1.36	8.20	10.54	0.81	33.26	7.33	245.70	1123.20	400.00	0.33	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1262	39.75	116.14	wheat	1.36	8.20	10.54	0.81	33.26	7.33	245.70	1123.20	300.00	0.29	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1263	39.75	116.14	wheat	1.36	8.20	10.54	0.81	33.26	7.33	245.70	1123.20	100.00	0.09	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1264	39.75	116.14	wheat	1.36	8.20	10.54	0.81	33.26	7.33	245.70	1123.20	250.00	0.17	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1265	39.75	116.14	wheat	1.36	8.20	10.54	0.81	33.26	7.33	245.70	1123.20	150.00	0.13	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1266	39.75	116.14	wheat	1.36	8.20	10.54	0.81	33.26	7.33	245.70	1123.20	200.00	0.14	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1267	38.87	115.45	wheat	1.60	8.50	16.89	0.89	11.00	9.25	167.40	764.10	0.00	0.56	Wei S S. et al. (2017). Nitrapyrin-urea application amount with less soil NO emission and highest profit in summer maize and winter wheat. (in Chinese with English abstract). Journal of plant nutrition and fertilizer. 23(01):231-237.
1268	38.87	115.45	wheat	1.60	8.50	16.89	0.89	11.00	9.25	167.40	764.10	180.00	1.05	Wei S S. et al. (2017). Nitrapyrin-urea application amount with less soil NO emission and highest profit in summer maize and winter wheat. (in Chinese with English abstract). Journal of plant nutrition and fertilizer. 23(01):231-237.
1269	38.87	115.45	wheat	1.60	8.50	16.89	0.89	11.00	9.25	167.40	764.10	360.00	1.98	Wei S S. et al. (2017). Nitrapyrin-urea application amount with less soil NO emission and highest profit in summer maize and winter wheat. (in Chinese with English abstract). Journal of plant nutrition and fertilizer. 23(01):231-237.
1270	38.87	115.45	wheat	1.60	8.50	16.89	0.89	11.00	9.25	167.40	764.10	270.00	1.55	Wei S S. et al. (2017). Nitrapyrin-urea application amount with less soil NO emission and highest profit in summer maize and winter wheat. (in Chinese with English abstract). Journal of plant nutrition and fertilizer. 23(01):231-237.
1271	34.25	108.10	wheat	1.40	8.20	18.36	0.90	44.00	10.51	432.00	861.30	0.00	0.19	Hou M M. et al. (2018). Effect of Organic Manure Substitution of Synthetic Nitrogen on Crop Yield and N_2O Emission in the Winter Wheat-Summer Maize Rotation System. (in Chinese with English abstract). Environmental Science. 39(1):321-330.
1272	34.25	108.10	wheat	1.40	8.20	18.36	0.90	44.00	10.51	432.00	861.30	165.00	0.71	Hou M M. et al. (2018). Effect of Organic Manure Substitution of Synthetic Nitrogen on Crop Yield and N_2O Emission in the Winter Wheat-Summer Maize Rotation System. (in Chinese with English abstract). Environmental Science. 39(1):321-330.
1273	34.25	108.10	wheat	1.40	8.20	18.36	0.90	44.00	10.51	432.00	861.30	210.00	0.64	Hou M M. et al. (2018). Effect of Organic Manure Substitution of Synthetic Nitrogen on Crop Yield and N_2O Emission in the Winter Wheat-Summer Maize Rotation System. (in Chinese with English abstract). Environmental Science. 39(1):321-330.
1274	34.25	108.10	wheat	1.40	8.20	18.36	0.90	44.00	10.51	432.00	861.30	255.00	0.53	Hou M M. et al. (2018). Effect of Organic Manure Substitution of Synthetic Nitrogen on Crop Yield and N_2O Emission in the Winter Wheat-Summer Maize Rotation System. (in Chinese with English abstract). Environmental Science. 39(1):321-330.
1275	34.25	108.10	wheat	1.40	8.20	18.36	0.90	44.00	10.51	432.00	861.30	300.00	0.46	Hou M M. et al. (2018). Effect of Organic Manure Substitution of Synthetic Nitrogen on Crop Yield and N_2O Emission in the Winter Wheat-Summer Maize Rotation System. (in Chinese with English abstract). Environmental Science. 39(1):321-330.
1276	34.25	108.10	wheat	1.40	8.20	18.36	0.90	44.00	10.51	432.00	861.30	345.00	0.36	Hou M M. et al. (2018). Effect of Organic Manure Substitution of Synthetic Nitrogen on Crop Yield and N_2O Emission in the Winter Wheat-Summer Maize Rotation System. (in Chinese with English abstract). Environmental Science. 39(1):321-330.
1277	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	0.00	0.24	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1278	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	150.00	0.50	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1279	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	300.00	1.14	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1280	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	0.00	0.10	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1281	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	150.00	0.88	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1282	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	300.00	1.48	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1283	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	0.00	0.34	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1284	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	150.00	0.76	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1285	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	300.00	1.52	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1286	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	0.00	0.33	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1287	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	150.00	0.98	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1288	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	300.00	1.83	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1289	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	0.00	0.65	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1290	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	150.00	1.45	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1291	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	300.00	1.99	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1292	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	0.00	0.24	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1293	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	150.00	0.71	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1294	39.80	116.30	wheat	1.31	8.10	7.10	0.80	28.00	9.55	189.00	1080.00	300.00	1.43	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
1295	35.00	114.40	wheat	1.51	8.30	9.06	0.88	15.80	12.29	334.80	880.20	0.00	0.22	Niu Y. et al. (2017). Yield-scaled N2O emissions were effectively reduced by biochar amendment of sandy loam soil under maize-wheat rotation in the North China Plain. Atmospheric environment. 170: 58-70.
1296	35.00	114.40	wheat	1.51	8.30	9.06	0.88	15.80	12.29	334.80	880.20	200.00	0.60	Niu Y. et al. (2017). Yield-scaled N2O emissions were effectively reduced by biochar amendment of sandy loam soil under maize-wheat rotation in the North China Plain. Atmospheric environment. 170: 58-70.
1297	31.65	117.79	wheat	1.08	6.18	14.36	1.30	27.29	13.92	734.40	1063.80	0.00	0.47	Chen X L. et al. (2016). Characteristic variations of N2O flux in winter wheat field under different tillage methods. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 34(3):221–227
1298	31.65	117.79	wheat	1.08	6.18	14.36	1.30	27.29	13.92	734.40	1063.80	210.00	1.04	Chen X L. et al. (2016). Characteristic variations of N2O flux in winter wheat field under different tillage methods. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 34(3):221–227
1299	31.65	117.79	wheat	1.08	6.18	14.36	1.30	27.29	13.92	734.40	1063.80	210.00	0.73	Chen X L. et al. (2016). Characteristic variations of N2O flux in winter wheat field under different tillage methods. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 34(3):221–227
1300	31.65	117.79	wheat	1.08	6.18	14.36	1.30	27.29	13.92	734.40	1063.80	210.00	1.12	Chen X L. et al. (2016). Characteristic variations of N2O flux in winter wheat field under different tillage methods. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 34(3):221–227
1301	34.33	108.40	wheat	1.37	7.90	18.36	1.37	22.00	10.59	378.00	861.30	0.00	0.07	Liu J J. et al. (2017). Influences of different irrigation amounts on carbon sequestration in wheat maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 28(1):169－179.
1302	34.33	108.40	wheat	1.37	7.90	18.36	1.37	22.00	10.59	378.00	861.30	150.00	0.35	Liu J J. et al. (2017). Influences of different irrigation amounts on carbon sequestration in wheat maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 28(1):169－179.
1303	34.33	108.40	wheat	1.37	7.90	18.36	1.37	22.00	10.59	378.00	861.30	150.00	0.38	Liu J J. et al. (2017). Influences of different irrigation amounts on carbon sequestration in wheat maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 28(1):169－179.
1304	34.33	108.40	wheat	1.37	7.90	18.36	1.37	22.00	10.59	378.00	861.30	150.00	0.59	Liu J J. et al. (2017). Influences of different irrigation amounts on carbon sequestration in wheat maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 28(1):169－179.
1305	34.33	108.40	wheat	1.37	7.90	18.36	1.37	22.00	10.59	378.00	861.30	150.00	0.51	Liu J J. et al. (2017). Influences of different irrigation amounts on carbon sequestration in wheat maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 28(1):169－179.
1306	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	0.00	0.44	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1307	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	450.00	1.23	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1308	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	225.00	0.76	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1309	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	225.00	1.54	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1310	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	225.00	0.99	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1311	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	225.00	1.81	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1312	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	225.00	0.95	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1313	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	225.00	1.63	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1314	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	225.00	1.27	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1315	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	225.00	2.07	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1316	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	225.00	1.04	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1317	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	450.00	2.60	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1318	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	450.00	2.66	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1319	36.93	116.63	wheat	1.42	7.60	6.07	0.83	38.10	11.12	221.40	1047.60	450.00	3.96	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1320	37.03	116.36	wheat	1.44	7.50	9.06	1.04	30.10	11.08	207.90	1077.30	0.00	0.24	LI X H. et al. (2016). Effects of reduced N fertilizer application on greenhouse gas emissions from wheat fields in Huang-huai -hai area. (in Chinese with English abstract). Soil and Crops. 5(4):215-222.
1321	37.03	116.36	wheat	1.44	7.50	9.06	1.04	30.10	11.08	207.90	1077.30	180.00	0.34	LI X H. et al. (2016). Effects of reduced N fertilizer application on greenhouse gas emissions from wheat fields in Huang-huai -hai area. (in Chinese with English abstract). Soil and Crops. 5(4):215-222.
1322	37.03	116.36	wheat	1.44	7.50	9.06	1.04	30.10	11.08	207.90	1077.30	240.00	0.49	LI X H. et al. (2016). Effects of reduced N fertilizer application on greenhouse gas emissions from wheat fields in Huang-huai -hai area. (in Chinese with English abstract). Soil and Crops. 5(4):215-222.
1323	37.03	116.36	wheat	1.44	7.50	9.06	1.04	30.10	11.08	207.90	1077.30	210.00	0.43	LI X H. et al. (2016). Effects of reduced N fertilizer application on greenhouse gas emissions from wheat fields in Huang-huai -hai area. (in Chinese with English abstract). Soil and Crops. 5(4):215-222.
1324	37.03	116.36	wheat	1.44	7.50	9.06	1.04	30.10	11.08	207.90	1077.30	300.00	0.73	LI X H. et al. (2016). Effects of reduced N fertilizer application on greenhouse gas emissions from wheat fields in Huang-huai -hai area. (in Chinese with English abstract). Soil and Crops. 5(4):215-222.
1325	37.03	116.36	wheat	1.44	7.50	9.06	1.04	30.10	11.08	207.90	1077.30	270.00	0.57	LI X H. et al. (2016). Effects of reduced N fertilizer application on greenhouse gas emissions from wheat fields in Huang-huai -hai area. (in Chinese with English abstract). Soil and Crops. 5(4):215-222.
1326	38.81	115.45	wheat	1.60	8.00	16.89	0.89	11.00	13.39	718.20	1047.60	0.00	0.54	Shu X X. et al. (2016). Effects of nitrogen fertilizer application on soil N2O emission and nitrogen use in wheat field. (in Chinese with English abstract). Journal of Agricultural University of Hebei. 39(5):30-36, 56.
1327	38.81	115.45	wheat	1.60	8.00	16.89	0.89	11.00	13.39	718.20	1047.60	285.00	2.08	Shu X X. et al. (2016). Effects of nitrogen fertilizer application on soil N2O emission and nitrogen use in wheat field. (in Chinese with English abstract). Journal of Agricultural University of Hebei. 39(5):30-36, 56.
1328	38.81	115.45	wheat	1.60	8.00	16.89	0.89	11.00	13.39	718.20	1047.60	225.00	1.47	Shu X X. et al. (2016). Effects of nitrogen fertilizer application on soil N2O emission and nitrogen use in wheat field. (in Chinese with English abstract). Journal of Agricultural University of Hebei. 39(5):30-36, 56.
1329	38.81	115.45	wheat	1.60	8.00	16.89	0.89	11.00	13.39	718.20	1047.60	225.00	1.10	Shu X X. et al. (2016). Effects of nitrogen fertilizer application on soil N2O emission and nitrogen use in wheat field. (in Chinese with English abstract). Journal of Agricultural University of Hebei. 39(5):30-36, 56.
1330	32.39	119.41	wheat	1.47	6.80	10.50	1.61	34.18	13.00	988.20	1061.10	0.00	0.10	Niu D. et al. (2016). Effect of nitrogen application ratio and straw returning on soil greenhouse gas emission during wheat growing period. (in Chinese with English abstract). Journal of Triticeae Crops. 36(12):1667-1673.
1331	32.39	119.41	wheat	1.47	6.80	10.50	1.61	34.18	13.00	988.20	1061.10	240.00	0.50	Niu D. et al. (2016). Effect of nitrogen application ratio and straw returning on soil greenhouse gas emission during wheat growing period. (in Chinese with English abstract). Journal of Triticeae Crops. 36(12):1667-1673.
1332	32.39	119.41	wheat	1.47	6.80	10.50	1.61	34.18	13.00	988.20	1061.10	240.00	0.31	Niu D. et al. (2016). Effect of nitrogen application ratio and straw returning on soil greenhouse gas emission during wheat growing period. (in Chinese with English abstract). Journal of Triticeae Crops. 36(12):1667-1673.
1333	32.39	119.41	wheat	1.47	6.80	10.50	1.61	34.18	13.00	988.20	1061.10	240.00	0.33	Niu D. et al. (2016). Effect of nitrogen application ratio and straw returning on soil greenhouse gas emission during wheat growing period. (in Chinese with English abstract). Journal of Triticeae Crops. 36(12):1667-1673.
1334	32.39	119.41	wheat	1.47	6.80	10.50	1.61	34.18	13.00	988.20	1061.10	240.00	0.65	Niu D. et al. (2016). Effect of nitrogen application ratio and straw returning on soil greenhouse gas emission during wheat growing period. (in Chinese with English abstract). Journal of Triticeae Crops. 36(12):1667-1673.
1335	36.15	117.15	wheat	1.43	7.40	16.89	1.23	30.71	9.72	305.10	1206.90	0.00	0.79	Cui Z Y. et al. (2016). Research on soil N2O emission from winter wheat and nitrogen residual effects of wheat on maize season. (in Chinese with English abstract). Shandong Agricultural University. (Taian, China)
1336	36.15	117.15	wheat	1.43	7.40	16.89	1.23	30.71	9.72	305.10	1206.90	120.00	1.53	Cui Z Y. et al. (2016). Research on soil N2O emission from winter wheat and nitrogen residual effects of wheat on maize season. (in Chinese with English abstract). Shandong Agricultural University. (Taian, China)
1337	36.15	117.15	wheat	1.43	7.40	16.89	1.23	30.71	9.72	305.10	1206.90	180.00	1.60	Cui Z Y. et al. (2016). Research on soil N2O emission from winter wheat and nitrogen residual effects of wheat on maize season. (in Chinese with English abstract). Shandong Agricultural University. (Taian, China)
1338	36.15	117.15	wheat	1.43	7.40	16.89	1.23	30.71	9.72	305.10	1206.90	240.00	1.69	Cui Z Y. et al. (2016). Research on soil N2O emission from winter wheat and nitrogen residual effects of wheat on maize season. (in Chinese with English abstract). Shandong Agricultural University. (Taian, China)

1339	36.15	117.15	wheat	1.43	7.40	16.89	1.23	30.71	9.72	305.10	1206.90	300.00	1.74	Cui Z Y. et al. (2016). Research on soil N2O emission from winter wheat and nitrogen residual effects of wheat on maize season. (in Chinese with English abstract). Shandong Agricultural University. (Taian, China)
1340	36.15	117.15	wheat	1.43	7.40	16.89	1.23	30.71	11.17	305.10	1082.70	0.00	0.92	Cui Z Y. et al. (2016). Research on soil N2O emission from winter wheat and nitrogen residual effects of wheat on maize season. (in Chinese with English abstract). Shandong Agricultural University. (Taian, China)
1341	36.15	117.15	wheat	1.43	7.40	16.89	1.23	30.71	11.17	305.10	1082.70	120.00	1.57	Cui Z Y. et al. (2016). Research on soil N2O emission from winter wheat and nitrogen residual effects of wheat on maize season. (in Chinese with English abstract). Shandong Agricultural University. (Taian, China)
1342	36.15	117.15	wheat	1.43	7.40	16.89	1.23	30.71	11.17	305.10	1082.70	180.00	1.63	Cui Z Y. et al. (2016). Research on soil N2O emission from winter wheat and nitrogen residual effects of wheat on maize season. (in Chinese with English abstract). Shandong Agricultural University. (Taian, China)
1343	36.15	117.15	wheat	1.43	7.40	16.89	1.23	30.71	11.17	305.10	1082.70	240.00	1.69	Cui Z Y. et al. (2016). Research on soil N2O emission from winter wheat and nitrogen residual effects of wheat on maize season. (in Chinese with English abstract). Shandong Agricultural University. (Taian, China)
1344	36.15	117.15	wheat	1.43	7.40	16.89	1.23	30.71	11.17	305.10	1082.70	300.00	1.76	Cui Z Y. et al. (2016). Research on soil N2O emission from winter wheat and nitrogen residual effects of wheat on maize season. (in Chinese with English abstract). Shandong Agricultural University. (Taian, China)
1345	36.65	117.12	wheat	1.45	7.80	10.54	0.08	29.90	9.81	175.50	1107.00	0.00	0.92	Tan D S. et al. (2016). Effect of controlled-release nitrogen fertilizer on group regulation and nutrient utilization of winter wheat. (in Chinese with English abstract). Journal of Triticeae Crops. 36(11):1523-1531.
1346	36.65	117.12	wheat	1.45	7.80	10.54	0.08	29.90	9.81	175.50	1107.00	210.00	1.64	Tan D S. et al. (2016). Effect of controlled-release nitrogen fertilizer on group regulation and nutrient utilization of winter wheat. (in Chinese with English abstract). Journal of Triticeae Crops. 36(11):1523-1531.
1347	36.65	117.12	wheat	1.45	7.80	10.54	0.08	29.90	9.81	175.50	1107.00	255.00	1.74	Tan D S. et al. (2016). Effect of controlled-release nitrogen fertilizer on group regulation and nutrient utilization of winter wheat. (in Chinese with English abstract). Journal of Triticeae Crops. 36(11):1523-1531.
1348	36.65	117.12	wheat	1.45	7.80	10.54	0.08	29.90	9.81	175.50	1107.00	210.00	1.55	Tan D S. et al. (2016). Effect of controlled-release nitrogen fertilizer on group regulation and nutrient utilization of winter wheat. (in Chinese with English abstract). Journal of Triticeae Crops. 36(11):1523-1531.
1349	31.55	120.62	wheat	1.48	5.40	11.28	0.75	12.00	13.43	686.40	1053.60	0.00	0.26	Zhou F. et al. (2017). Effect of biochar on CH4 and N2O emissions from Lou soil. (in Chinese with English abstract). Environmental Science. 38(9):3831–3839.
1350	31.55	120.62	wheat	1.48	5.40	11.28	0.75	12.00	13.43	686.40	1053.60	210.00	1.07	Zhou F. et al. (2017). Effect of biochar on CH4 and N2O emissions from Lou soil. (in Chinese with English abstract). Environmental Science. 38(9):3831–3839.
1351	31.55	120.62	wheat	1.48	5.40	11.28	0.75	12.00	13.43	686.40	1053.60	210.00	1.53	Zhou F. et al. (2017). Effect of biochar on CH4 and N2O emissions from Lou soil. (in Chinese with English abstract). Environmental Science. 38(9):3831–3839.
1352	31.28	119.90	wheat	1.28	6.25	14.36	1.56	36.06	13.00	708.00	964.80	0.00	0.54	Sun H J. et al. (2017). Effects of nitrification inhibitor application on wheat grain yield，N2O emission and NH3 volatilization. (in Chinese with English abstract). Chinese Journal of Soil Science. 49(5):876－881.
1353	31.28	119.90	wheat	1.28	6.25	14.36	1.56	36.06	13.00	708.00	964.80	140.00	2.37	Sun H J. et al. (2017). Effects of nitrification inhibitor application on wheat grain yield，N2O emission and NH3 volatilization. (in Chinese with English abstract). Chinese Journal of Soil Science. 49(5):876－881.
1354	31.28	119.90	wheat	1.28	6.25	14.36	1.56	36.06	13.00	708.00	964.80	180.00	3.64	Sun H J. et al. (2017). Effects of nitrification inhibitor application on wheat grain yield，N2O emission and NH3 volatilization. (in Chinese with English abstract). Chinese Journal of Soil Science. 49(5):876－881.
1355	38.15	115.31	wheat	1.51	7.70	9.06	1.44	19.63	9.57	129.60	899.10	0.00	0.52	Wang X F. et al. (2017). Effects of biogas slurry irrigation on CO2 and N2O emission from winter wheat-summer maize rotation farmland. (in Chinese with English abstract). Journal of Agro-Environment Science, 2017, 36(4):783-792.
1356	38.15	115.31	wheat	1.51	7.70	9.06	1.44	19.63	9.57	129.60	899.10	300.00	0.84	Wang X F. et al. (2017). Effects of biogas slurry irrigation on CO2 and N2O emission from winter wheat-summer maize rotation farmland. (in Chinese with English abstract). Journal of Agro-Environment Science, 2017, 36(4):783-792.
1357	38.15	115.31	wheat	1.51	7.70	9.06	1.44	19.63	9.57	129.60	899.10	105.00	0.84	Wang X F. et al. (2017). Effects of biogas slurry irrigation on CO2 and N2O emission from winter wheat-summer maize rotation farmland. (in Chinese with English abstract). Journal of Agro-Environment Science, 2017, 36(4):783-792.
1358	38.15	115.31	wheat	1.51	7.70	9.06	1.44	19.63	9.57	129.60	899.10	210.00	0.92	Wang X F. et al. (2017). Effects of biogas slurry irrigation on CO2 and N2O emission from winter wheat-summer maize rotation farmland. (in Chinese with English abstract). Journal of Agro-Environment Science, 2017, 36(4):783-792.
1359	38.15	115.31	wheat	1.51	7.70	9.06	1.44	19.63	9.57	129.60	899.10	317.00	0.88	Wang X F. et al. (2017). Effects of biogas slurry irrigation on CO2 and N2O emission from winter wheat-summer maize rotation farmland. (in Chinese with English abstract). Journal of Agro-Environment Science, 2017, 36(4):783-792.
1360	34.28	108.00	wheat	1.40	7.90	18.36	0.90	17.50	10.59	378.00	861.30	0.00	0.10	Hao Y X. et al. (2017). Effects of long-term organic amendments on soil N2O emissions from winter wheat-maize cropping systems in the Guanzhong Plain. (in Chinese with English abstract). Environmental Science. 38(6):2586-2593.
1361	34.28	108.00	wheat	1.40	7.90	18.36	0.90	17.50	10.59	378.00	861.30	165.00	0.60	Hao Y X. et al. (2017). Effects of long-term organic amendments on soil N2O emissions from winter wheat-maize cropping systems in the Guanzhong Plain. (in Chinese with English abstract). Environmental Science. 38(6):2586-2593.
1362	34.28	108.00	wheat	1.40	7.90	18.36	0.90	17.50	10.59	378.00	861.30	165.00	1.40	Hao Y X. et al. (2017). Effects of long-term organic amendments on soil N2O emissions from winter wheat-maize cropping systems in the Guanzhong Plain. (in Chinese with English abstract). Environmental Science. 38(6):2586-2593.
1363	34.28	108.00	wheat	1.40	7.90	18.36	0.90	17.50	10.59	378.00	861.30	165.00	0.40	Hao Y X. et al. (2017). Effects of long-term organic amendments on soil N2O emissions from winter wheat-maize cropping systems in the Guanzhong Plain. (in Chinese with English abstract). Environmental Science. 38(6):2586-2593.
1364	34.28	108.00	wheat	1.21	7.44	18.36	0.93	32.00	10.59	378.00	861.30	0.00	0.12	Htun Y M. et al. (2017). Coupled effects of straw and nitrogen management on N2O and CH4 emissions of rainfed agriculture in Northwest China. Atmospheric Environment. 157: 156-166.
1365	34.28	108.00	wheat	1.21	7.44	18.36	0.93	32.00	10.59	378.00	861.30	220.00	0.36	Htun Y M. et al. (2017). Coupled effects of straw and nitrogen management on N2O and CH4 emissions of rainfed agriculture in Northwest China. Atmospheric Environment. 157: 156-166.
1366	34.28	108.00	wheat	1.21	7.44	18.36	0.93	32.00	10.59	378.00	861.30	220.00	1.01	Htun Y M. et al. (2017). Coupled effects of straw and nitrogen management on N2O and CH4 emissions of rainfed agriculture in Northwest China. Atmospheric Environment. 157: 156-166.
1367	34.28	108.00	wheat	1.21	7.44	18.36	0.93	32.00	10.59	378.00	861.30	150.00	0.74	Htun Y M. et al. (2017). Coupled effects of straw and nitrogen management on N2O and CH4 emissions of rainfed agriculture in Northwest China. Atmospheric Environment. 157: 156-166.
1368	34.28	108.00	wheat	1.21	7.44	18.36	0.93	32.00	10.59	378.00	861.30	150.00	0.41	Htun Y M. et al. (2017). Coupled effects of straw and nitrogen management on N2O and CH4 emissions of rainfed agriculture in Northwest China. Atmospheric Environment. 157: 156-166.
1369	34.12	108.40	wheat	1.37	8.20	14.36	0.95	17.00	10.55	299.70	861.30	0.00	0.07	Chen H. et al. (2017). Effects of straw and plastic film mulching on greenhouse gas emissions in Loess Plateau, China: A field study of 2 consecutive wheat-maize rotation cycles. Science of The Total Environment. 579: 814-824.
1370	34.12	108.40	wheat	1.37	8.20	14.36	0.95	17.00	10.55	299.70	861.30	150.00	0.90	Chen H. et al. (2017). Effects of straw and plastic film mulching on greenhouse gas emissions in Loess Plateau, China: A field study of 2 consecutive wheat-maize rotation cycles. Science of The Total Environment. 579: 814-824.
1371	34.12	108.40	wheat	1.37	8.20	14.36	0.95	17.00	10.55	299.70	861.30	150.00	0.78	Chen H. et al. (2017). Effects of straw and plastic film mulching on greenhouse gas emissions in Loess Plateau, China: A field study of 2 consecutive wheat-maize rotation cycles. Science of The Total Environment. 579: 814-824.
1372	34.12	108.40	wheat	1.37	8.20	14.36	0.95	17.00	10.55	299.70	861.30	150.00	0.60	Chen H. et al. (2017). Effects of straw and plastic film mulching on greenhouse gas emissions in Loess Plateau, China: A field study of 2 consecutive wheat-maize rotation cycles. Science of The Total Environment. 579: 814-824.
1373	34.12	108.40	wheat	1.37	8.20	14.36	0.95	17.00	10.55	299.70	861.30	150.00	0.95	Chen H. et al. (2017). Effects of straw and plastic film mulching on greenhouse gas emissions in Loess Plateau, China: A field study of 2 consecutive wheat-maize rotation cycles. Science of The Total Environment. 579: 814-824.
1374	34.12	108.40	wheat	1.37	8.20	14.36	0.95	17.00	10.55	299.70	861.30	150.00	0.79	Chen H. et al. (2017). Effects of straw and plastic film mulching on greenhouse gas emissions in Loess Plateau, China: A field study of 2 consecutive wheat-maize rotation cycles. Science of The Total Environment. 579: 814-824.
1375	34.12	108.40	wheat	1.37	8.20	14.36	0.95	17.00	10.55	299.70	861.30	150.00	1.05	Chen H. et al. (2017). Effects of straw and plastic film mulching on greenhouse gas emissions in Loess Plateau, China: A field study of 2 consecutive wheat-maize rotation cycles. Science of The Total Environment. 579: 814-824.
1376	31.55	120.70	wheat	1.40	6.05	16.13	1.81	12.10	16.10	465.00	816.00	0.00	0.24	Zhao X. et al. (2009). Nitrogen fate and environmental consequence in paddy soil under rice-wheat rotation in the Taihu lake region, China. Plant and Soil. 319: 225-234
1377	31.55	120.70	wheat	1.40	6.05	16.13	1.81	12.10	10.58	191.78	876.23	100.00	0.40	Zhao X. et al. (2009). Nitrogen fate and environmental consequence in paddy soil under rice-wheat rotation in the Taihu lake region, China. Plant and Soil. 319: 225-234
1378	31.55	120.70	wheat	1.40	6.05	16.13	1.81	12.10	10.58	191.78	876.23	250.00	0.63	Zhao X. et al. (2009). Nitrogen fate and environmental consequence in paddy soil under rice-wheat rotation in the Taihu lake region, China. Plant and Soil. 319: 225-234
1379	34.93	110.72	wheat	1.17	8.70	11.30	1.10	31.80	10.08	226.80	985.50	0.00	0.10	Liu C. et al. (2012). Responses of N2O and CH4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9: 839-850
1380	34.93	110.72	wheat	1.17	8.70	11.30	1.10	31.80	10.08	226.80	985.50	60.00	0.48	Liu C. et al. (2012). Responses of N2O and CH4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9: 839-850
1381	34.93	110.72	wheat	1.17	8.70	11.30	1.10	31.80	10.08	226.80	985.50	120.00	0.59	Liu C. et al. (2012). Responses of N2O and CH4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9: 839-850
1382	34.93	110.72	wheat	1.17	8.70	11.30	1.10	31.80	10.08	226.80	985.50	180.00	0.79	Liu C. et al. (2012). Responses of N2O and CH4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9: 839-850
1383	34.93	110.72	wheat	1.17	8.70	11.30	1.10	31.80	10.08	226.80	985.50	300.00	0.91	Liu C. et al. (2012). Responses of N2O and CH4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9: 839-850
1384	34.93	110.72	wheat	1.17	8.70	11.30	1.10	31.80	10.08	226.80	985.50	400.00	1.08	Liu C. et al. (2012). Responses of N2O and CH4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9: 839-850
1385	47.45	126.92	wheat	0.98	6.30	27.96	2.60	42.00	18.20	468.00	885.00	0.00	0.50	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
1386	47.45	126.92	wheat	0.98	6.30	27.96	2.60	42.00	18.20	468.00	885.00	83.60	0.72	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
1387	26.75	111.88	wheat	1.30	5.56	7.54	0.74	41.40	14.20	609.00	600.00	0.00	0.10	Huang J. et al. (2011). CO2 and N2O emissions from red soil during wheat and corn growing seasons under different patterns of long-term fertilization. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 27: 7-13
1388	26.75	111.88	wheat	1.30	5.56	7.54	0.74	41.40	14.20	609.00	600.00	209.62	0.20	Huang J. et al. (2011). CO2 and N2O emissions from red soil during wheat and corn growing seasons under different patterns of long-term fertilization. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 27: 7-13
1389	26.75	111.88	wheat	1.30	5.56	7.54	0.74	41.40	14.20	609.00	600.00	209.62	0.11	Huang J. et al. (2011). CO2 and N2O emissions from red soil during wheat and corn growing seasons under different patterns of long-term fertilization. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 27: 7-13
1390	26.75	111.88	wheat	1.30	5.56	7.54	0.74	41.40	14.20	609.00	600.00	209.62	0.20	Huang J. et al. (2011). CO2 and N2O emissions from red soil during wheat and corn growing seasons under different patterns of long-term fertilization. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 27: 7-13
1391	31.87	118.83	wheat	1.15	6.70	13.10	1.10	51.00	12.05	407.79	663.66	0.00	2.84	Zou J. et al. (2005). Direct emission factor for N2O from rice–winter wheat rotation systems in southeast China. Atmospheric Environment. 39: 4755-4765
1392	31.87	118.83	wheat	1.15	6.70	13.10	1.10	51.00	12.05	407.79	663.66	100.00	4.83	Zou J. et al. (2005). Direct emission factor for N2O from rice–winter wheat rotation systems in southeast China. Atmospheric Environment. 39: 4755-4765
1393	31.87	118.83	wheat	1.15	6.70	13.10	1.10	51.00	12.05	407.79	663.66	200.00	6.44	Zou J. et al. (2005). Direct emission factor for N2O from rice–winter wheat rotation systems in southeast China. Atmospheric Environment. 39: 4755-4765
1394	31.87	118.83	wheat	1.15	6.70	13.10	1.10	51.00	12.05	407.79	663.66	300.00	6.27	Zou J. et al. (2005). Direct emission factor for N2O from rice–winter wheat rotation systems in southeast China. Atmospheric Environment. 39: 4755-4765
1395	31.87	118.83	wheat	1.15	6.70	13.10	1.10	51.00	12.05	407.79	663.66	150.00	5.41	Zou J. et al. (2005). Direct emission factor for N2O from rice–winter wheat rotation systems in southeast China. Atmospheric Environment. 39: 4755-4765
1396	31.87	118.83	wheat	1.15	6.70	13.10	1.10	51.00	12.05	407.79	663.66	225.00	6.60	Zou J. et al. (2005). Direct emission factor for N2O from rice–winter wheat rotation systems in southeast China. Atmospheric Environment. 39: 4755-4765
1397	31.40	120.42	wheat	1.20	5.95	11.40	0.51	21.00	13.00	708.00	964.80	0.00	0.54	Xiang J. et al.(2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58
1398	31.40	120.42	wheat	1.20	5.95	11.40	0.51	21.00	13.00	708.00	964.80	225.00	4.06	Xiang J. et al.(2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58
1399	31.40	120.42	wheat	1.20	5.95	11.40	0.51	21.00	13.00	708.00	964.80	262.50	5.40	Xiang J. et al.(2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58
1400	31.40	120.42	wheat	1.20	5.95	11.40	0.51	21.00	13.00	708.00	964.80	225.00	4.02	Xiang J. et al.(2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58
1401	31.40	120.42	wheat	1.20	5.95	11.40	0.51	21.00	13.00	708.00	964.80	225.00	3.80	Xiang J. et al.(2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58
1402	26.76	111.87	wheat	1.48	5.70	6.06	1.07	41.40	12.90	609.00	600.00	0.00	0.14	Zhai L. et al. (2011). Long-term application of organic manure and mineral fertilizer on N2O and CO2 Emissions in a red soil from cultivated maize—wheat rotation in China. Agricultrual Sciences in China. 10: 1748-1757
1403	26.76	111.87	wheat	1.48	5.70	6.06	1.07	41.40	12.90	609.00	600.00	90.00	0.18	Zhai L. et al. (2011). Long-term application of organic manure and mineral fertilizer on N2O and CO2 Emissions in a red soil from cultivated maize—wheat rotation in China. Agricultrual Sciences in China. 10: 1748-1757
1404	26.76	111.87	wheat	1.48	5.70	6.06	1.07	41.40	12.90	609.00	600.00	90.00	0.27	Zhai L. et al. (2011). Long-term application of organic manure and mineral fertilizer on N2O and CO2 Emissions in a red soil from cultivated maize—wheat rotation in China. Agricultrual Sciences in China. 10: 1748-1757
1405	26.76	111.87	wheat	1.48	5.70	6.06	1.07	41.40	12.90	609.00	600.00	90.00	0.37	Zhai L. et al. (2011). Long-term application of organic manure and mineral fertilizer on N2O and CO2 Emissions in a red soil from cultivated maize—wheat rotation in China. Agricultrual Sciences in China. 10: 1748-1757
1406	32.00	118.80	wheat	1.15	6.70	13.10	1.10	51.00	12.05	407.79	663.66	0.00	0.14	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
1407	32.00	118.80	wheat	1.15	6.70	13.10	1.10	51.00	12.05	407.79	663.66	250.00	0.43	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
1408	32.00	118.80	wheat	1.15	6.70	13.10	1.10	51.00	12.05	407.79	663.66	250.00	0.55	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
1409	32.00	118.80	wheat	1.15	6.70	13.10	1.10	51.00	12.05	407.79	663.66	250.00	0.68	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
1410	32.00	118.80	wheat	1.15	6.70	13.10	1.10	51.00	12.05	407.79	663.66	250.00	0.69	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
1411	30.35	105.47	wheat	1.47	8.29	6.67	0.89	9.77	13.00	400.80	585.60	0.00	0.20	Zeng Z. et al. (2012). N2O emission characteristics of different fertiliation treatments in wheat-maize rotation in hilly area of purple soil. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40: 13777-13780
1412	30.35	105.47	wheat	1.47	8.29	6.67	0.89	9.77	13.00	400.80	585.60	130.00	0.84	Zeng Z. et al. (2012). N2O emission characteristics of different fertiliation treatments in wheat-maize rotation in hilly area of purple soil. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40: 13777-13780
1413	30.35	105.47	wheat	1.47	8.29	6.67	0.89	9.77	13.00	400.80	585.60	130.00	0.80	Zeng Z. et al. (2012). N2O emission characteristics of different fertiliation treatments in wheat-maize rotation in hilly area of purple soil. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40: 13777-13780
1414	30.35	105.47	wheat	1.47	8.29	6.67	0.89	9.77	13.00	400.80	585.60	130.00	0.71	Zeng Z. et al. (2012). N2O emission characteristics of different fertiliation treatments in wheat-maize rotation in hilly area of purple soil. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40: 13777-13780
1415	30.35	105.47	wheat	1.47	8.29	6.67	0.89	9.77	13.00	400.80	585.60	0.00	0.08	Zeng Z. et al. (2012). N2O emission characteristics of different fertiliation treatments in wheat-maize rotation in hilly area of purple soil. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40: 13777-13780
1416	30.35	105.47	wheat	1.47	8.29	6.67	0.89	9.77	13.00	400.80	585.60	150.00	0.27	Zeng Z. et al. (2012). N2O emission characteristics of different fertiliation treatments in wheat-maize rotation in hilly area of purple soil. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40: 13777-13780
1417	30.35	105.47	wheat	1.47	8.29	6.67	0.89	9.77	13.00	400.80	585.60	150.00	0.25	Zeng Z. et al. (2012). N2O emission characteristics of different fertiliation treatments in wheat-maize rotation in hilly area of purple soil. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40: 13777-13780
1418	30.35	105.47	wheat	1.47	8.29	6.67	0.89	9.77	13.00	400.80	585.60	150.00	0.74	Zeng Z. et al. (2012). N2O emission characteristics of different fertiliation treatments in wheat-maize rotation in hilly area of purple soil. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40: 13777-13780
1419	30.35	105.47	wheat	1.47	8.29	6.67	0.89	9.77	13.00	400.80	585.60	150.00	0.22	Zeng Z. et al. (2012). N2O emission characteristics of different fertiliation treatments in wheat-maize rotation in hilly area of purple soil. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40: 13777-13780
1420	30.35	105.47	wheat	1.47	8.29	6.67	0.89	9.77	13.00	400.80	585.60	150.00	0.43	Zeng Z. et al. (2012). N2O emission characteristics of different fertiliation treatments in wheat-maize rotation in hilly area of purple soil. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40: 13777-13780
1421	32.58	119.70	wheat	1.16	8.00	18.40	1.05	13.60	10.50	232.57	817.34	0.00	0.88	Yao Z. et al. (2009). Tillage and crop residue management significantly affects N-trace gas emissions during the non-rice season of a subtropical rice-wheat rotation. Soil Biology and Biochemistry. 41: 2131-2140
1422	32.58	119.70	wheat	1.16	8.00	18.40	1.05	13.60	10.50	232.57	817.34	225.00	3.91	Yao Z. et al. (2009). Tillage and crop residue management significantly affects N-trace gas emissions during the non-rice season of a subtropical rice-wheat rotation. Soil Biology and Biochemistry. 41: 2131-2140
1423	32.58	119.70	wheat	1.16	8.00	18.40	1.05	13.60	10.50	232.57	817.34	225.00	2.15	Yao Z. et al. (2009). Tillage and crop residue management significantly affects N-trace gas emissions during the non-rice season of a subtropical rice-wheat rotation. Soil Biology and Biochemistry. 41: 2131-2140
1424	32.58	119.70	wheat	1.16	8.00	18.40	1.05	13.60	10.50	232.57	817.34	225.00	2.24	Yao Z. et al. (2009). Tillage and crop residue management significantly affects N-trace gas emissions during the non-rice season of a subtropical rice-wheat rotation. Soil Biology and Biochemistry. 41: 2131-2140
1425	32.58	119.70	wheat	1.16	8.00	18.40	1.05	13.60	10.50	232.57	817.34	225.00	1.53	Yao Z. et al. (2009). Tillage and crop residue management significantly affects N-trace gas emissions during the non-rice season of a subtropical rice-wheat rotation. Soil Biology and Biochemistry. 41: 2131-2140
1426	31.30	120.56	wheat	1.22	6.60	2.15	2.23	25.00	10.50	232.57	817.34	0.00	0.10	Yao Z. et al. (2010). Effects of tillage during the nonwaterlogged period on nitrous oxide and nitric oxide emissions in typical Chinese rice-wheat rotation ecosystems. Biogeosciences. 115(G1)
1427	31.30	120.56	wheat	1.22	6.60	2.15	2.23	25.00	10.50	232.57	817.34	191.00	0.53	Yao Z. et al. (2010). Effects of tillage during the nonwaterlogged period on nitrous oxide and nitric oxide emissions in typical Chinese rice-wheat rotation ecosystems. Biogeosciences. 115(G1)
1428	32.70	119.92	wheat	1.16	8.00	18.40	1.46	25.00	13.00	708.00	964.80	225.00	0.20	Yao Z. et al. (2010). Effects of tillage during the nonwaterlogged period on nitrous oxide and nitric oxide emissions in typical Chinese rice-wheat rotation ecosystems. Biogeosciences. 115(G1)
1429	32.70	119.92	wheat	1.16	8.00	18.40	1.46	25.00	13.00	708.00	964.80	225.00	0.11	Yao Z. et al. (2010). Effects of tillage during the nonwaterlogged period on nitrous oxide and nitric oxide emissions in typical Chinese rice-wheat rotation ecosystems. Biogeosciences. 115(G1)
1430	32.70	119.92	wheat	1.16	8.00	18.40	1.46	25.00	13.00	708.00	964.80	0.00	0.05	Yao Z. et al. (2010). Effects of tillage during the nonwaterlogged period on nitrous oxide and nitric oxide emissions in typical Chinese rice-wheat rotation ecosystems. Biogeosciences. 115(G1)
1431	32.70	119.92	wheat	1.16	8.00	18.40	1.46	25.00	13.00	708.00	964.80	225.00	0.11	Yao Z. et al. (2010). Effects of tillage during the nonwaterlogged period on nitrous oxide and nitric oxide emissions in typical Chinese rice-wheat rotation ecosystems. Biogeosciences. 115(G1)
1432	32.70	119.92	wheat	1.16	8.00	18.40	1.46	25.00	13.00	708.00	964.80	225.00	0.08	Yao Z. et al. (2010). Effects of tillage during the nonwaterlogged period on nitrous oxide and nitric oxide emissions in typical Chinese rice-wheat rotation ecosystems. Biogeosciences. 115(G1)
1433	31.40	120.41	wheat	1.20	5.95	11.40	0.51	25.00	13.00	708.00	964.80	0.00	0.54	Xiang J. et al. (2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58
1434	31.40	120.41	wheat	1.20	5.95	11.40	0.51	25.00	13.00	708.00	964.80	263.00	5.40	Xiang J. et al. (2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58

1435	31.40	120.41	wheat	1.20	5.95	11.40	0.51	25.00	13.00	708.00	964.80	225.00	4.06	Xiang J. et al. (2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58
1436	31.40	120.41	wheat	1.20	5.95	11.40	0.51	25.00	13.00	708.00	964.80	225.00	4.02	Xiang J. et al. (2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58
1437	31.40	120.41	wheat	1.20	5.95	11.40	0.51	25.00	13.00	708.00	964.80	225.00	3.80	Xiang J. et al. (2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58
1438	32.60	119.70	wheat	1.16	8.00	18.40	1.45	13.60	11.66	358.07	727.55	0.00	0.88	Yao Z. et al. (2009). Tillage and crop residue management significantly affects N-trace gas emissions during the non-rice season of a subtropical rice-wheat rotation. Soil Biology and Biochemistry. 41(10): 2131-2140
1439	32.60	119.70	wheat	1.16	8.00	18.40	1.45	13.60	11.66	358.07	727.55	225.00	2.24	Yao Z. et al. (2009). Tillage and crop residue management significantly affects N-trace gas emissions during the non-rice season of a subtropical rice-wheat rotation. Soil Biology and Biochemistry. 41(10): 2131-2140
1440	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	0.00	0.45	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1441	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	180.00	1.43	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1442	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	135.00	0.65	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1443	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	174.00	1.40	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1444	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	337.00	1.93	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1445	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	0.00	0.65	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1446	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	180.00	2.13	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1447	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	135.00	1.39	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1448	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	174.00	2.19	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1449	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	337.00	2.61	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1450	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	0.00	0.35	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1451	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	180.00	0.80	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1452	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	135.00	0.49	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1453	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	174.00	0.71	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1454	31.55	120.69	wheat	1.11	7.35	20.30	2.10	14.00	10.58	191.78	876.23	337.00	1.02	Zhang X. et al. (2016). Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. Biogeosciences. 13(9): 2701-2714
1455	34.9	110.7	wheat	1.20	8.00	11.30	1.10	37.60	11.68	175.31	1243.84	0.00	1.32	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
1456	34.9	110.7	wheat	1.20	8.00	11.30	1.10	37.60	11.68	175.31	1243.84	180.00	2.44	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
1457	34.9	110.7	wheat	1.20	8.00	11.30	1.10	37.60	11.68	175.31	1243.84	0.00	0.95	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
1458	34.9	110.7	wheat	1.20	8.00	11.30	1.10	37.60	11.68	175.31	1243.84	180.00	1.53	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
1459	34.9	110.7	wheat	1.20	8.00	11.30	1.10	37.60	11.68	175.31	1243.84	0.00	0.48	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
1460	34.9	110.7	wheat	1.20	8.00	11.30	1.10	37.60	11.68	175.31	1243.84	180.00	1.32	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
1461	31.53	120.92	wheat	1.20	7.90	11.60	2.30	20.00	11.14	445.44	801.35	0.00	0.74	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
1462	31.53	120.92	wheat	1.20	7.90	11.60	2.30	20.00	11.14	445.44	801.35	240.00	1.19	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
1463	31.53	120.92	wheat	1.20	7.90	11.60	2.30	20.00	11.14	445.44	801.35	240.00	1.53	Yang B. et al. (2015). Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. Ecological Engineering. 81: 289-297
1464	31.53	120.92	wheat	1.20	7.70	20.10	2.00	20.00	11.14	445.44	801.35	0.00	0.17	Xia L. et al. (2016). Integrating agronomic practices to reduce greenhouse gas emissions while increasing the economic return in a rice-based cropping system. Agriculture, Ecosystems & Environment. 231: 24-33
1465	31.53	120.92	wheat	1.20	7.70	20.10	2.00	20.00	11.14	445.44	801.35	90.00	0.93	Xia L. et al. (2016). Integrating agronomic practices to reduce greenhouse gas emissions while increasing the economic return in a rice-based cropping system. Agriculture, Ecosystems & Environment. 231: 24-33
1466	31.53	120.92	wheat	1.20	7.70	20.10	2.00	20.00	11.14	445.44	801.35	135.00	1.33	Xia L. et al. (2016). Integrating agronomic practices to reduce greenhouse gas emissions while increasing the economic return in a rice-based cropping system. Agriculture, Ecosystems & Environment. 231: 24-33
1467	31.53	120.92	wheat	1.20	7.70	20.10	2.00	20.00	11.14	445.44	801.35	180.00	2.09	Xia L. et al. (2016). Integrating agronomic practices to reduce greenhouse gas emissions while increasing the economic return in a rice-based cropping system. Agriculture, Ecosystems & Environment. 231: 24-33
1468	34.33	108.4	wheat	1.45	8.18	8.14	0.95	32.00	10.55	299.70	861.30	0.00	0.27	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
1469	34.33	108.4	wheat	1.45	8.18	8.14	0.95	32.00	10.55	299.70	861.30	270.00	0.80	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
1470	34.33	108.4	wheat	1.45	8.18	8.14	0.95	32.00	10.55	299.70	861.30	270.00	1.05	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
1471	34.33	108.4	wheat	1.45	8.18	8.14	0.95	32.00	10.55	299.70	861.30	0.00	0.22	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
1472	34.33	108.4	wheat	1.45	8.18	8.14	0.95	32.00	10.55	299.70	861.30	270.00	0.57	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
1473	34.33	108.4	wheat	1.45	8.18	8.14	0.95	32.00	10.55	299.70	861.30	270.00	0.57	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
1474	47.4	126.6	wheat	1.20	7.00	28.00	2.20	46.00	15.65	417.60	480.00	0.00	0.14	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China.Field Crops Research. 161: 98-106
1475	47.4	126.6	wheat	1.20	7.00	28.00	2.20	46.00	15.65	417.60	480.00	113.00	0.22	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China.Field Crops Research. 161: 98-106
1476	47.4	126.6	wheat	1.20	7.00	28.00	2.20	46.00	15.65	417.60	480.00	113.00	0.41	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China.Field Crops Research. 161: 98-106
1477	47.4	126.6	wheat	1.20	7.00	28.00	2.20	46.00	15.65	417.60	480.00	113.00	0.20	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China.Field Crops Research. 161: 98-106
1478	47.4	126.6	wheat	1.20	7.00	28.00	2.20	46.00	15.65	417.60	480.00	149.00	0.52	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China.Field Crops Research. 161: 98-106
1479	31.9	118.8	wheat	1.24	6.50	15.30	1.50	54.00	12.29	603.17	882.79	0.00	1.20	Liu S. et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
1480	31.9	118.8	wheat	1.24	6.50	15.30	1.50	54.00	12.29	603.17	882.79	75.00	3.92	Liu S. et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
1481	31.9	118.8	wheat	1.24	6.50	15.30	1.50	54.00	12.29	603.17	882.79	150.00	4.93	Liu S. et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
1482	31.9	118.8	wheat	1.24	6.50	15.30	1.50	54.00	12.29	603.17	882.79	250.00	6.07	Liu S. et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
1483	31.9	118.8	wheat	1.24	6.50	15.30	1.50	54.00	12.29	603.17	882.79	0.00	1.51	Liu S. et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
1484	31.9	118.8	wheat	1.24	6.50	15.30	1.50	54.00	12.29	603.17	882.79	75.00	2.78	Liu S. et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
1485	31.9	118.8	wheat	1.24	6.50	15.30	1.50	54.00	12.29	603.17	882.79	150.00	3.85	Liu S. et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
1486	31.9	118.8	wheat	1.24	6.50	15.30	1.50	54.00	12.29	603.17	882.79	250.00	5.78	Liu S. et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
1487	31.9	118.8	wheat	1.24	6.50	15.30	1.50	54.00	12.29	603.17	882.79	0.00	0.96	Liu S. et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
1488	31.9	118.8	wheat	1.24	6.50	15.30	1.50	54.00	12.29	603.17	882.79	75.00	1.81	Liu S. et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
1489	31.9	118.8	wheat	1.24	6.50	15.30	1.50	54.00	12.29	603.17	882.79	150.00	2.41	Liu S. et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
1490	31.9	118.8	wheat	1.24	6.50	15.30	1.50	54.00	12.29	603.17	882.79	250.00	3.88	Liu S. et al. (2010). Effects of water regime during rice-growing season on annual direct N_2O emission in a paddy rice–winter wheat rotation system in southeast China. Science of The Total Environment. 408(4): 906-913
1491	31.4	120.4	wheat	1.20	5.95	11.40	0.51	29.90	13.00	708.00	964.80	0.00	0.54	Xiang J. et al. (2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58
1492	31.4	120.4	wheat	1.20	5.95	11.40	0.51	29.90	13.00	708.00	964.80	262.50	5.40	Xiang J. et al. (2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58
1493	31.4	120.4	wheat	1.20	5.95	11.40	0.51	29.90	13.00	708.00	964.80	225.00	4.06	Xiang J. et al. (2015). Effects of biochar on nitrous oxide and nitric oxide emissions from paddy field during the wheat growth season. Journal of Cleaner Production. 104: 52-58
1494	31.3	105.5	wheat	1.32	8.30	8.47	1.01	6.50	13.00	400.80	585.60	0.00	1.29	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
1495	31.3	105.5	wheat	1.32	8.30	8.47	1.01	6.50	13.00	400.80	585.60	150.00	2.89	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
1496	31.3	105.5	wheat	1.32	8.30	8.47	1.01	6.50	13.00	400.80	585.60	250.00	3.95	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
1497	31.3	105.5	wheat	1.32	8.30	8.47	1.01	6.50	13.00	400.80	585.60	0.00	0.71	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
1498	31.3	105.5	wheat	1.32	8.30	8.47	1.01	6.50	13.00	400.80	585.60	150.00	2.30	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
1499	31.3	105.5	wheat	1.32	8.30	8.47	1.01	6.50	13.00	400.80	585.60	250.00	2.58	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
1500	31.3	105.5	wheat	1.32	8.30	8.47	1.01	6.50	13.00	400.80	585.60	0.00	0.41	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
1501	31.3	105.5	wheat	1.32	8.30	8.47	1.01	6.50	13.00	400.80	585.60	150.00	0.79	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
1502	31.3	105.5	wheat	1.32	8.30	8.47	1.01	6.50	13.00	400.80	585.60	250.00	1.10	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
1503	31.3	105.5	wheat	1.34	8.20	5.08	0.81	6.50	13.00	400.80	585.60	0.00	0.04	Liu Y. et al. (2016). Effect of Fertilization Regime on Soil N_2O Emission from Upland Field under Wheat-Maize Rotation System. (in Chinese with English abstract). Acta Pedologica Sinica. 53(03): 735-745
1504	31.3	105.5	wheat	1.34	8.20	5.08	0.81	6.50	13.00	400.80	585.60	130.00	0.24	Liu Y. et al. (2016). Effect of Fertilization Regime on Soil N_2O Emission from Upland Field under Wheat-Maize Rotation System. (in Chinese with English abstract). Acta Pedologica Sinica. 53(03): 735-745
1505	31.3	105.5	wheat	1.34	8.20	5.08	0.81	6.50	13.00	400.80	585.60	130.00	0.23	Liu Y. et al. (2016). Effect of Fertilization Regime on Soil N_2O Emission from Upland Field under Wheat-Maize Rotation System. (in Chinese with English abstract). Acta Pedologica Sinica. 53(03): 735-745
1506	31.3	105.5	wheat	1.34	8.20	5.08	0.81	6.50	13.00	400.80	585.60	130.00	0.18	Liu Y. et al. (2016). Effect of Fertilization Regime on Soil N_2O Emission from Upland Field under Wheat-Maize Rotation System. (in Chinese with English abstract). Acta Pedologica Sinica. 53(03): 735-745
1507	31.3	105.5	wheat	1.34	8.20	5.08	0.81	6.50	13.00	400.80	585.60	130.00	0.21	Liu Y. et al. (2016). Effect of Fertilization Regime on Soil N_2O Emission from Upland Field under Wheat-Maize Rotation System. (in Chinese with English abstract). Acta Pedologica Sinica. 53(03): 735-745
1508	35.5	104.7	wheat	1.41	8.36	6.96	0.76	36.00	14.36	260.84	1283.87	0.00	0.59	Wang X. et al. (2015). Emission characteristics of CH_4 and N_2O fluxes from dryland field under different nitrogen treatments. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 35(11): 3655-3661
1509	35.5	104.7	wheat	1.41	8.36	6.96	0.76	36.00	14.36	260.84	1283.87	52.50	0.65	Wang X. et al. (2015). Emission characteristics of CH_4 and N_2O fluxes from dryland field under different nitrogen treatments. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 35(11): 3655-3661
1510	35.5	104.7	wheat	1.41	8.36	6.96	0.76	36.00	14.36	260.84	1283.87	105.00	1.29	Wang X. et al. (2015). Emission characteristics of CH_4 and N_2O fluxes from dryland field under different nitrogen treatments. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 35(11): 3655-3661
1511	35.5	104.7	wheat	1.41	8.36	6.96	0.76	36.00	14.36	260.84	1283.87	157.50	1.94	Wang X. et al. (2015). Emission characteristics of CH_4 and N_2O fluxes from dryland field under different nitrogen treatments. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 35(11): 3655-3661
1512	35.5	104.7	wheat	1.41	8.36	6.96	0.76	36.00	14.36	260.84	1283.87	210.00	2.53	Wang X. et al. (2015). Emission characteristics of CH_4 and N_2O fluxes from dryland field under different nitrogen treatments. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 35(11): 3655-3661
1513	31.6	120.6	wheat	1.20	6.30	18.79	1.70	43.00	11.78	526.06	889.92	0.00	0.62	Zhang Y. et al. (2014). Effects of controlled release fertilizer on nitrous oxide emission during winter wheat growing season under no tillage condition. (in Chinese with English abstract). Jiangsu Journal of Agricultural Sciences. 30(05): 1037-1043
1514	31.6	120.6	wheat	1.20	6.30	18.79	1.70	43.00	11.78	526.06	889.92	210.00	1.27	Zhang Y. et al. (2014). Effects of controlled release fertilizer on nitrous oxide emission during winter wheat growing season under no tillage condition. (in Chinese with English abstract). Jiangsu Journal of Agricultural Sciences. 30(05): 1037-1043
1515	31.6	120.6	wheat	1.20	6.30	18.79	1.70	43.00	11.78	526.06	889.92	210.00	1.62	Zhang Y. et al. (2014). Effects of controlled release fertilizer on nitrous oxide emission during winter wheat growing season under no tillage condition. (in Chinese with English abstract). Jiangsu Journal of Agricultural Sciences. 30(05): 1037-1043
1516	31.6	120.6	wheat	1.20	6.30	18.79	1.70	43.00	11.78	526.06	889.92	210.00	1.52	Zhang Y. et al. (2014). Effects of controlled release fertilizer on nitrous oxide emission during winter wheat growing season under no tillage condition. (in Chinese with English abstract). Jiangsu Journal of Agricultural Sciences. 30(05): 1037-1043
1517	32	118.8	wheat	1.20	6.80	12.60	1.25	14.00	10.49	547.56	861.75	0.00	0.57	Zhou Z. et al. (2016). Soil concentration profiles and diffusion and emission of nitrous oxide influenced by the application of biochar in a rice-wheat annual rotation system. Environmental Science and Pollution Research. 23: 7949–7961
1518	32	118.8	wheat	1.20	6.80	12.60	1.25	14.00	10.49	547.56	861.75	250.00	5.85	Zhou Z. et al. (2016). Soil concentration profiles and diffusion and emission of nitrous oxide influenced by the application of biochar in a rice-wheat annual rotation system. Environmental Science and Pollution Research. 23: 7949–7961
1519	32	118.8	wheat	1.20	6.80	12.60	1.25	14.00	10.49	547.56	861.75	0.00	0.76	Zhou Z. et al. (2016). Soil concentration profiles and diffusion and emission of nitrous oxide influenced by the application of biochar in a rice-wheat annual rotation system. Environmental Science and Pollution Research. 23: 7949–7961
1520	32	118.8	wheat	1.20	6.80	12.60	1.25	14.00	10.49	547.56	861.75	250.00	3.89	Zhou Z. et al. (2016). Soil concentration profiles and diffusion and emission of nitrous oxide influenced by the application of biochar in a rice-wheat annual rotation system. Environmental Science and Pollution Research. 23: 7949–7961
1521	32	118.8	wheat	1.20	6.80	12.60	1.25	14.00	10.49	547.56	861.75	250.00	2.84	Zhou Z. et al. (2016). Soil concentration profiles and diffusion and emission of nitrous oxide influenced by the application of biochar in a rice-wheat annual rotation system. Environmental Science and Pollution Research. 23: 7949–7961
1522	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	0.00	2.60	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1523	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	100.00	5.57	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1524	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	300.00	7.74	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1525	32.00	118.80	wheat	1.23	6.10	10.50	1.10	32.33	12.05	407.79	663.66	200.00	7.54	Chen S. et al. (2008). Relationship between nitrous oxide emission and winter wheat production. Biology and Fertility of Soils. 44(7):985-989.
1526	31.97	119.3	wheat	1.31	6.30	11.00	1.70	14.00	11.94	581.21	605.18	0.00	0.95	Ji Y. et al. (2012). Effect of controlled-release fertilizer on nitrous oxide emission from a winter wheat field. Nutrient Cycling in Agroecosystems. 94: 111–122
1527	31.97	119.3	wheat	1.31	6.30	11.00	1.70	14.00	11.94	581.21	605.18	100.00	2.86	Ji Y. et al. (2012). Effect of controlled-release fertilizer on nitrous oxide emission from a winter wheat field. Nutrient Cycling in Agroecosystems. 94: 111–122
1528	31.97	119.3	wheat	1.31	6.30	11.00	1.70	14.00	11.94	581.21	605.18	200.00	3.93	Ji Y. et al. (2012). Effect of controlled-release fertilizer on nitrous oxide emission from a winter wheat field. Nutrient Cycling in Agroecosystems. 94: 111–122
1529	31.97	119.3	wheat	1.31	6.30	11.00	1.70	14.00	11.94	581.21	605.18	100.00	2.14	Ji Y. et al. (2012). Effect of controlled-release fertilizer on nitrous oxide emission from a winter wheat field. Nutrient Cycling in Agroecosystems. 94: 111–122
1530	31.97	119.3	wheat	1.31	6.30	11.00	1.70	14.00	11.94	581.21	605.18	200.00	2.89	Ji Y. et al. (2012). Effect of controlled-release fertilizer on nitrous oxide emission from a winter wheat field. Nutrient Cycling in Agroecosystems. 94: 111–122

1531	31.97	119.3	wheat	1.31	6.30	11.00	1.70	14.00	11.94	581.21	605.18	0.00	0.35	Ji Y. et al. (2012). Effect of controlled-release fertilizer on nitrous oxide emission from a winter wheat field. Nutrient Cycling in Agroecosystems. 94: 111–122
1532	31.97	119.3	wheat	1.31	6.30	11.00	1.70	14.00	11.94	581.21	605.18	100.00	0.93	Ji Y. et al. (2012). Effect of controlled-release fertilizer on nitrous oxide emission from a winter wheat field. Nutrient Cycling in Agroecosystems. 94: 111–122
1533	31.97	119.3	wheat	1.31	6.30	11.00	1.70	14.00	11.94	581.21	605.18	200.00	1.39	Ji Y. et al. (2012). Effect of controlled-release fertilizer on nitrous oxide emission from a winter wheat field. Nutrient Cycling in Agroecosystems. 94: 111–122
1534	31.97	119.3	wheat	1.31	6.30	11.00	1.70	14.00	11.94	581.21	605.18	270.00	2.18	Ji Y. et al. (2012). Effect of controlled-release fertilizer on nitrous oxide emission from a winter wheat field. Nutrient Cycling in Agroecosystems. 94: 111–122
1535	31.97	119.3	wheat	1.31	6.30	11.00	1.70	14.00	11.94	581.21	605.18	100.00	0.47	Ji Y. et al. (2012). Effect of controlled-release fertilizer on nitrous oxide emission from a winter wheat field. Nutrient Cycling in Agroecosystems. 94: 111–122
1536	31.97	119.3	wheat	1.31	6.30	11.00	1.70	14.00	11.94	581.21	605.18	200.00	0.63	Ji Y. et al. (2012). Effect of controlled-release fertilizer on nitrous oxide emission from a winter wheat field. Nutrient Cycling in Agroecosystems. 94: 111–122
1537	31.97	119.3	wheat	1.31	6.30	11.00	1.70	14.00	11.94	581.21	605.18	270.00	0.96	Ji Y. et al. (2012). Effect of controlled-release fertilizer on nitrous oxide emission from a winter wheat field. Nutrient Cycling in Agroecosystems. 94: 111–122
1538	36.58	117.59	maize	1.42	8.29	10.28	1.05	13.50	25.50	416.40	655.20	0.00	0.44	Cui F. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from a wheat–maize cropping system on a silt loam calcareous soil in the north China plain. Soil Biology & Biochemistry. 48: 10-19
1539	36.58	117.59	maize	1.42	8.29	10.28	1.05	13.50	25.50	416.40	655.20	150.00	2.01	Cui F. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from a wheat–maize cropping system on a silt loam calcareous soil in the north China plain. Soil Biology & Biochemistry. 48: 10-19
1540	36.58	117.59	maize	1.42	8.29	10.28	1.05	13.50	25.00	402.00	814.80	0.00	0.20	Cui F. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from a wheat–maize cropping system on a silt loam calcareous soil in the north China plain. Soil Biology & Biochemistry. 48: 10-19
1541	36.58	117.59	maize	1.42	8.29	10.28	1.05	13.50	25.00	402.00	814.80	330.00	1.60	Cui F. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from a wheat–maize cropping system on a silt loam calcareous soil in the north China plain. Soil Biology & Biochemistry. 48: 10-19
1542	36.87	115.02	maize	1.37	7.72	7.31	0.70	34.00	21.00	358.38	984.00	0.00	0.55	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1543	36.87	115.02	maize	1.37	7.72	7.31	0.70	34.00	21.00	358.38	984.00	250.00	1.67	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1544	36.87	115.02	maize	1.37	7.72	7.31	0.70	34.00	21.00	358.38	984.00	185.00	2.01	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1545	36.87	115.02	maize	1.37	7.72	7.31	0.70	34.00	21.00	358.38	984.00	185.00	1.72	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1546	36.87	115.02	maize	1.37	7.72	7.31	0.70	34.00	21.00	358.38	984.00	150.00	1.13	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1547	36.87	115.02	maize	1.37	7.72	7.31	0.70	34.00	21.00	358.38	984.00	250.00	1.76	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1548	36.87	115.02	maize	1.37	7.72	7.31	0.70	34.00	21.00	358.38	984.00	185.00	1.28	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1549	36.87	115.02	maize	1.37	7.72	7.31	0.70	34.00	21.00	358.38	984.00	162.00	1.29	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1550	36.87	115.02	maize	1.37	7.72	7.31	0.70	34.00	21.00	358.38	984.00	178.00	1.01	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1551	36.87	115.02	maize	1.37	7.72	7.31	0.70	34.00	21.00	358.38	984.00	150.00	1.11	Gao B. (2012). Greenhouse gases emissions and net global warming potential of different cropping systems and management practices on the north China plain. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1552	40.04	116.30	maize	1.33	8.00	12.41	1.18	19.76	23.40	421.20	622.80	0.00	0.09	Gao Z. (2004). N_2O flue and ch4 uptake of soil in winter wheat and summer maize rotation system. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1553	40.04	116.30	maize	1.33	8.00	12.41	1.18	19.76	23.40	421.20	622.80	300.00	1.85	Gao Z. (2004). N_2O flue and ch4 uptake of soil in winter wheat and summer maize rotation system. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1554	40.04	116.30	maize	1.33	8.00	12.41	1.18	19.76	23.40	421.20	622.80	300.00	0.84	Gao Z. (2004). N_2O flue and ch4 uptake of soil in winter wheat and summer maize rotation system. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1555	40.04	116.30	maize	1.33	8.00	12.41	1.18	19.76	23.40	421.20	622.80	80.00	0.62	Gao Z. (2004). N_2O flue and ch4 uptake of soil in winter wheat and summer maize rotation system. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1556	40.04	116.30	maize	1.33	8.00	12.41	1.18	19.76	23.40	421.20	622.80	80.00	0.10	Gao Z. (2004). N_2O flue and ch4 uptake of soil in winter wheat and summer maize rotation system. (in Chinese with English abstract). Master dissertation of China Agricultral University (Beijing, China)
1557	36.86	115.02	maize	1.32	8.24	8.53	0.90	16.00	25.00	378.00	896.40	0.00	0.55	Hu X. et al (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1558	36.86	115.02	maize	1.32	8.24	8.53	0.90	16.00	25.00	378.00	896.40	180.00	1.70	Hu X. et al (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1559	36.86	115.02	maize	1.32	8.24	8.53	0.90	16.00	25.40	424.80	720.00	0.00	0.34	Hu X. et al (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1560	36.86	115.02	maize	1.32	8.24	8.53	0.90	16.00	25.40	424.80	720.00	180.00	1.09	Hu X. et al (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1561	36.86	115.02	maize	1.32	8.24	8.53	0.90	16.00	25.40	424.80	720.00	180.00	1.76	Hu X. et al (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1562	36.86	115.02	maize	1.32	8.24	8.53	0.90	16.00	25.40	424.80	720.00	180.00	1.88	Hu X. et al (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1563	36.86	115.02	maize	1.32	8.24	8.53	0.90	16.00	25.40	424.80	720.00	180.00	1.31	Hu X. et al (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1564	36.86	115.02	maize	1.32	8.24	8.53	0.90	16.00	25.40	424.80	720.00	180.00	1.53	Hu X. et al (2011). Effects of nitrogen fertilizer management on CH4 and N2O emission from summer maize soil. (in Chinese with English abstract). Scientia Sinica(Chimica). 41(1): 117-128
1565	40.50	116.17	maize	1.33	8.00	12.41	1.18	19.76	23.30	648.00	656.40	0.00	0.59	Li X M. (2014). Study on greenhouse gas emissions and its influencing factors from the maize-wheat rotation field. (in Chinese with English abstract). Beijing Forestry University(Beijing, China)
1566	40.50	116.17	maize	1.33	8.00	12.41	1.18	19.76	23.30	648.00	656.40	260.00	6.31	Li X M. (2014). Study on greenhouse gas emissions and its influencing factors from the maize-wheat rotation field. (in Chinese with English abstract). Beijing Forestry University(Beijing, China)
1567	40.50	116.17	maize	1.33	8.00	12.41	1.18	19.76	23.30	648.00	656.40	260.00	2.83	Li X M. (2014). Study on greenhouse gas emissions and its influencing factors from the maize-wheat rotation field. (in Chinese with English abstract). Beijing Forestry University(Beijing, China)
1568	40.50	116.17	maize	1.47	7.79	2.81	0.03	19.76	23.50	480.00	792.00	0.00	0.49	Li X M. (2014). Study on greenhouse gas emissions and its influencing factors from the maize-wheat rotation field. (in Chinese with English abstract). Beijing Forestry University(Beijing, China)
1569	40.50	116.17	maize	1.47	7.79	2.81	0.03	19.76	23.50	480.00	792.00	260.00	2.71	Li X M. (2014). Study on greenhouse gas emissions and its influencing factors from the maize-wheat rotation field. (in Chinese with English abstract). Beijing Forestry University(Beijing, China)
1570	40.50	116.17	maize	1.47	7.79	2.81	0.03	19.76	23.50	480.00	792.00	260.00	1.50	Li X M. (2014). Study on greenhouse gas emissions and its influencing factors from the maize-wheat rotation field. (in Chinese with English abstract). Beijing Forestry University(Beijing, China)
1571	36.51	117.50	maize	1.48	8.10	10.09	0.75	13.50	26.20	627.60	764.40	0.00	0.60	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1572	36.51	117.50	maize	1.48	8.10	10.09	0.75	13.50	26.20	627.60	764.40	225.00	3.00	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1573	36.51	117.50	maize	1.51	8.10	10.09	0.84	13.50	26.20	627.60	764.40	345.00	4.70	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1574	36.51	117.50	maize	1.48	8.10	10.03	0.75	13.50	26.20	627.60	764.40	0.00	1.00	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1575	36.51	117.50	maize	1.51	8.10	10.03	0.84	13.50	26.20	627.60	764.40	225.00	2.50	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1576	36.51	117.50	maize	1.51	8.10	10.09	0.84	13.50	26.20	627.60	764.40	345.00	4.50	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1577	36.51	117.50	maize	1.51	8.10	10.09	0.84	13.50	26.20	627.60	764.40	0.00	0.60	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1578	36.51	117.50	maize	1.51	8.10	10.09	0.84	13.50	26.20	627.60	764.40	225.00	1.30	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1579	36.51	117.50	maize	1.51	8.10	10.09	0.84	13.50	26.20	627.60	764.40	345.00	3.80	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1580	36.51	117.50	maize	1.51	8.10	10.09	0.84	13.50	26.20	627.60	764.40	0.00	0.60	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1581	36.51	117.50	maize	1.51	8.10	10.09	0.84	13.50	26.20	627.60	764.40	225.00	0.80	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1582	36.51	117.50	maize	1.51	8.10	10.09	0.84	13.50	26.20	627.60	764.40	345.00	3.80	Tan Y C. et al. (2016). Effect of farmland management on N2O and CH4 emission from winter wheat-summer maize rotation system in North China Plain. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 36(7):2638-2649.
1583	38.80	115.47	maize	1.60	7.70	9.55	0.89	9.00	24.00	482.40	456.00	0.00	0.32	Wang Y Q. et al. (2015). Effects of dicyandiamide combined with nitrogen fertilizer on N2O emission and economic benefit in winter wheat and summer maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(7):1999-2006.
1584	38.80	115.47	maize	1.60	7.70	9.55	0.89	9.00	24.00	482.40	456.00	300.00	2.30	Wang Y Q. et al. (2015). Effects of dicyandiamide combined with nitrogen fertilizer on N2O emission and economic benefit in winter wheat and summer maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(7):1999-2006.
1585	38.80	115.47	maize	1.60	7.70	9.55	0.89	9.00	24.00	482.40	456.00	225.00	1.90	Wang Y Q. et al. (2015). Effects of dicyandiamide combined with nitrogen fertilizer on N2O emission and economic benefit in winter wheat and summer maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(7):1999-2006.
1586	38.80	115.47	maize	1.60	7.70	9.55	0.89	9.00	24.00	482.40	456.00	150.00	1.62	Wang Y Q. et al. (2015). Effects of dicyandiamide combined with nitrogen fertilizer on N2O emission and economic benefit in winter wheat and summer maize rotation system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(7):1999-2006.
1587	31.36	105.27	maize	1.34	8.20	5.08	0.81	58.90	23.80	817.20	565.20	0.00	0.08	Liu Y． et al. (2016). Effects of fertiliza tion on soil N2O emission from winter wheat-summer maize rotation. (in Chinese with English abstract). Acta Pedologica Sinica. 53(3):735－745.
1588	31.36	105.27	maize	1.34	8.20	5.08	0.81	58.90	23.80	817.20	565.20	150.00	0.99	Liu Y． et al. (2016). Effects of fertiliza tion on soil N2O emission from winter wheat-summer maize rotation. (in Chinese with English abstract). Acta Pedologica Sinica. 53(3):735－745.
1589	31.36	105.27	maize	1.34	8.20	5.08	0.81	58.90	23.80	817.20	565.20	150.00	0.71	Liu Y． et al. (2016). Effects of fertiliza tion on soil N2O emission from winter wheat-summer maize rotation. (in Chinese with English abstract). Acta Pedologica Sinica. 53(3):735－745.
1590	31.36	105.27	maize	1.34	8.20	5.08	0.81	58.90	23.80	817.20	565.20	150.00	1.25	Liu Y． et al. (2016). Effects of fertiliza tion on soil N2O emission from winter wheat-summer maize rotation. (in Chinese with English abstract). Acta Pedologica Sinica. 53(3):735－745.
1591	31.36	105.27	maize	1.34	8.20	5.08	0.81	58.90	23.80	817.20	565.20	150.00	0.95	Liu Y． et al. (2016). Effects of fertiliza tion on soil N2O emission from winter wheat-summer maize rotation. (in Chinese with English abstract). Acta Pedologica Sinica. 53(3):735－745.
1592	38.80	115.40	maize	1.30	7.80	11.19	1.00	14.90	24.60	298.80	685.20	0.00	0.16	Li X. (2007). Fate of fertilizer nitrogen and gaseous N loss in winter wheat summer maize rotation system in North China Plain. (in Chinese with English abstract). MS Thesis of Agricultural University of Hebei. (Baoding,China)
1593	38.80	115.40	maize	1.30	7.80	11.19	1.00	14.90	24.60	298.80	685.20	60.00	0.19	Li X. (2007). Fate of fertilizer nitrogen and gaseous N loss in winter wheat summer maize rotation system in North China Plain. (in Chinese with English abstract). MS Thesis of Agricultural University of Hebei. (Baoding,China)
1594	38.80	115.40	maize	1.30	7.80	11.19	1.00	14.90	24.60	298.80	685.20	120.00	0.47	Li X. (2007). Fate of fertilizer nitrogen and gaseous N loss in winter wheat summer maize rotation system in North China Plain. (in Chinese with English abstract). MS Thesis of Agricultural University of Hebei. (Baoding,China)
1595	38.80	115.40	maize	1.30	7.80	11.19	1.00	14.90	24.60	298.80	685.20	180.00	0.44	Li X. (2007). Fate of fertilizer nitrogen and gaseous N loss in winter wheat summer maize rotation system in North China Plain. (in Chinese with English abstract). MS Thesis of Agricultural University of Hebei. (Baoding,China)
1596	38.80	115.40	maize	1.30	7.80	11.19	1.00	14.90	24.60	298.80	685.20	240.00	0.65	Li X. (2007). Fate of fertilizer nitrogen and gaseous N loss in winter wheat summer maize rotation system in North China Plain. (in Chinese with English abstract). MS Thesis of Agricultural University of Hebei. (Baoding,China)
1597	36.52	115.10	maize	1.34	8.24	8.53	0.90	16.00	25.00	378.00	896.40	0.00	0.60	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1598	36.52	115.10	maize	1.34	8.24	8.53	0.90	16.00	25.00	378.00	896.40	180.00	1.89	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1599	36.52	115.10	maize	1.34	8.24	8.53	0.90	16.00	25.40	424.80	720.00	0.00	0.35	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1600	36.52	115.10	maize	1.34	8.24	8.53	0.90	16.00	25.40	424.80	720.00	180.00	1.18	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1601	36.52	115.10	maize	1.34	8.24	8.53	0.90	16.00	25.40	424.80	720.00	180.00	2.20	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1602	36.52	115.10	maize	1.34	8.24	8.53	0.90	16.00	25.40	424.80	720.00	180.00	1.53	Hu X K. et al. (2013). Greenhouse gas emissions from a wheat-maize double cropping system with different nitrogen fertilization regimes. Environmental Pollution, 176(may):198-207.
1603	36.51	117.50	maize	1.42	8.29	10.28	1.05	13.50	25.00	402.00	814.80	0.00	0.21	Yan G. et al. (2013). Two-year simultaneous records of N2O and NO fluxes from a farmed cropland in the northern China plain with a reduced nitrogen addition rate by one-third. Agriculture Ecosystems & Environment. 178:39-50.
1604	36.51	117.50	maize	1.42	8.29	10.28	1.05	13.50	25.00	402.00	814.80	330.00	1.73	Yan G. et al. (2013). Two-year simultaneous records of N2O and NO fluxes from a farmed cropland in the northern China plain with a reduced nitrogen addition rate by one-third. Agriculture Ecosystems & Environment. 178:39-50.
1605	36.51	117.50	maize	1.42	8.29	10.28	1.05	13.50	25.00	402.00	814.80	220.00	1.36	Yan G. et al. (2013). Two-year simultaneous records of N2O and NO fluxes from a farmed cropland in the northern China plain with a reduced nitrogen addition rate by one-third. Agriculture Ecosystems & Environment. 178:39-50.
1606	36.51	117.50	maize	1.42	8.29	10.28	1.05	13.50	25.50	462.00	774.00	0.00	0.33	Yan G. et al. (2013). Two-year simultaneous records of N2O and NO fluxes from a farmed cropland in the northern China plain with a reduced nitrogen addition rate by one-third. Agriculture Ecosystems & Environment. 178:39-50.
1607	36.51	117.50	maize	1.42	8.29	10.28	1.05	13.50	25.50	462.00	774.00	330.00	4.24	Yan G. et al. (2013). Two-year simultaneous records of N2O and NO fluxes from a farmed cropland in the northern China plain with a reduced nitrogen addition rate by one-third. Agriculture Ecosystems & Environment. 178:39-50.
1608	36.51	117.50	maize	1.42	8.29	10.28	1.05	13.50	25.50	462.00	774.00	220.00	4.24	Yan G. et al. (2013). Two-year simultaneous records of N2O and NO fluxes from a farmed cropland in the northern China plain with a reduced nitrogen addition rate by one-third. Agriculture Ecosystems & Environment. 178:39-50.
1609	36.51	117.50	maize	1.51	8.80	4.90	1.05	13.50	24.70	414.00	776.40	0.00	0.46	Liu D X. (2013). Effects of Fertilization on Greenhouse Gas Emissions from Winter Wheat-Summer Maize Rotation Ecosystem. (in Chinese with English abstract). Shandong Agricultural University. (Qingdao, China)
1610	36.51	117.50	maize	1.51	8.80	4.90	1.05	13.50	24.70	414.00	776.40	330.00	2.03	Liu D X. (2013). Effects of Fertilization on Greenhouse Gas Emissions from Winter Wheat-Summer Maize Rotation Ecosystem. (in Chinese with English abstract). Shandong Agricultural University. (Qingdao, China)
1611	36.51	117.50	maize	1.51	8.80	4.90	1.05	13.50	24.70	414.00	776.40	240.00	1.74	Liu D X. (2013). Effects of Fertilization on Greenhouse Gas Emissions from Winter Wheat-Summer Maize Rotation Ecosystem. (in Chinese with English abstract). Shandong Agricultural University. (Qingdao, China)
1612	36.51	117.50	maize	1.51	8.80	4.90	1.05	13.50	24.70	414.00	776.40	240.00	1.76	Liu D X. (2013). Effects of Fertilization on Greenhouse Gas Emissions from Winter Wheat-Summer Maize Rotation Ecosystem. (in Chinese with English abstract). Shandong Agricultural University. (Qingdao, China)
1613	34.32	115.30	maize	1.46	8.38	9.87	0.94	30.00	19.82	527.26	632.67	0.00	0.21	Liu X Y. et al. (2014). Sustainable biochar effects for low carbon crop production: A 5-crop season field experiment on a low fertility soil from Central China. Agricultural Systems, 129:22-29.
1614	34.32	115.30	maize	1.46	8.38	9.87	0.94	30.00	19.82	527.26	632.67	300.00	1.22	Liu X Y. et al. (2014). Sustainable biochar effects for low carbon crop production: A 5-crop season field experiment on a low fertility soil from Central China. Agricultural Systems, 129:22-29.
1615	34.32	115.30	maize	1.46	8.38	9.87	0.94	30.00	19.82	527.26	632.67	300.00	2.79	Liu X Y. et al. (2014). Sustainable biochar effects for low carbon crop production: A 5-crop season field experiment on a low fertility soil from Central China. Agricultural Systems, 129:22-29.
1616	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	0.00	0.09	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1617	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	250.00	2.03	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1618	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	185.00	2.57	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1619	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	135.00	1.35	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1620	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	210.00	1.56	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1621	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	95.00	1.12	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1622	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	250.00	1.67	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1623	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	185.00	2.01	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1624	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	185.00	1.72	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1625	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	45.00	0.72	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1626	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	150.00	1.13	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.

1627	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	250.00	1.76	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1628	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	185.00	1.28	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1629	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	162.00	1.29	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1630	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	178.00	1.01	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1631	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	150.00	1.11	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1632	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	250.00	1.66	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1633	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	185.00	1.42	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1634	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	185.00	1.29	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1635	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	45.00	0.90	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1636	36.87	115.02	maize	1.37	7.72	7.30	0.70	34.00	21.00	380.51	926.89	263.00	3.46	Gao B. et al. (2015). The impact of alternative cropping systems on global warming potential, grain yield and groundwater use. Agriculture Ecosystems & Environment. 203:46-54.
1637	34.93	110.72	maize	1.44	8.30	7.27	0.95	34.09	10.08	226.80	985.50	0.00	0.48	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
1638	34.93	110.72	maize	1.44	8.30	7.27	0.95	34.09	10.08	226.80	985.50	180.00	1.32	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
1639	34.55	110.42	maize	1.44	8.30	8.78	0.95	18.00	23.30	424.50	984.00	120.00	3.73	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
1640	34.55	110.42	maize	1.44	8.30	8.78	0.95	18.00	23.30	424.50	984.00	210.00	2.96	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
1641	34.55	110.42	maize	1.44	8.30	8.78	0.95	18.00	23.30	424.50	984.00	250.00	3.17	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
1642	47.26	126.38	maize	1.40	7.00	16.24	2.20	21.42	18.10	426.00	870.00	0.00	0.20	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China. Field Crops Research, 161:98-106.
1643	47.26	126.38	maize	1.40	7.00	16.24	2.20	21.42	18.10	426.00	870.00	113.00	0.73	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China. Field Crops Research, 161:98-106.
1644	47.26	126.38	maize	1.40	7.00	16.24	2.20	21.42	18.10	426.00	870.00	113.00	0.85	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China. Field Crops Research, 161:98-106.
1645	47.26	126.38	maize	1.40	7.00	16.24	2.20	21.42	18.10	426.00	870.00	113.00	0.75	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China. Field Crops Research, 161:98-106.
1646	47.26	126.38	maize	1.40	7.00	16.24	2.20	21.42	18.10	426.00	870.00	149.00	2.38	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China. Field Crops Research, 161:98-106.
1647	31.16	105.28	maize	1.32	8.30	6.35	0.55	18.20	22.70	474.00	427.20	0.00	0.12	Zhou M H. et al.(2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop-Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer. Ecosystems, 17(2):286-301.
1648	31.16	105.28	maize	1.32	8.30	6.35	0.55	18.20	22.70	474.00	427.20	150.00	1.00	Zhou M H. et al.(2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop-Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer. Ecosystems, 17(2):286-301.
1649	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.60	562.80	792.00	0.00	0.09	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1650	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.60	562.80	792.00	260.00	1.09	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1651	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.60	562.80	792.00	260.00	1.80	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1652	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.30	648.00	656.40	0.00	0.17	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1653	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.30	648.00	656.40	260.00	0.72	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1654	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.30	648.00	656.40	260.00	1.97	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1655	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.30	648.00	656.40	260.00	1.18	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1656	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.30	648.00	656.40	260.00	1.21	Huang T. et al. (2013). Net global warming potential and greenhouse gas intensity in a double-cropping cereal rotation as affected by nitrogen and straw management. Biogeosciences. 10(8):7897-7911
1657	38.09	115.19	maize	1.54	7.76	14.21	1.44	12.88	24.30	301.20	638.40	0.00	0.17	Shen S Z. (2015). CO2 and N2O emission characteristics and impact factors in farmland under biogas slurry irrigation. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1658	38.09	115.19	maize	1.54	7.76	14.21	1.44	12.88	24.30	301.20	638.40	120.00	0.37	Shen S Z. (2015). CO2 and N2O emission characteristics and impact factors in farmland under biogas slurry irrigation. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1659	38.09	115.19	maize	1.54	7.76	14.21	1.44	12.88	24.30	301.20	638.40	105.00	0.23	Shen S Z. (2015). CO2 and N2O emission characteristics and impact factors in farmland under biogas slurry irrigation. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1660	38.09	115.19	maize	1.54	7.76	14.21	1.44	12.88	24.30	301.20	638.40	105.00	0.23	Shen S Z. (2015). CO2 and N2O emission characteristics and impact factors in farmland under biogas slurry irrigation. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1661	38.09	115.19	maize	1.54	7.76	14.21	1.44	12.88	24.30	301.20	638.40	159.00	0.34	Shen S Z. (2015). CO2 and N2O emission characteristics and impact factors in farmland under biogas slurry irrigation. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1662	39.30	115.25	maize	1.36	8.30	9.22	1.01	19.76	22.60	506.40	795.60	0.00	0.71	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1663	39.30	115.25	maize	1.36	8.30	9.22	1.01	19.76	22.60	506.40	795.60	50.00	1.51	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1664	39.30	115.25	maize	1.36	8.30	9.22	1.01	19.76	22.60	506.40	795.60	100.00	2.45	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1665	39.30	115.25	maize	1.36	8.30	9.22	1.01	19.76	22.60	506.40	795.60	150.00	3.33	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1666	39.30	115.25	maize	1.36	8.30	9.22	1.01	19.76	22.60	506.40	795.60	200.00	4.51	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1667	39.30	115.25	maize	1.36	8.30	9.22	1.01	19.76	22.60	506.40	795.60	250.00	5.95	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1668	39.30	115.25	maize	1.36	8.30	9.22	1.01	19.76	22.60	506.40	795.60	300.00	7.17	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1669	39.30	115.25	maize	1.36	8.30	9.22	1.01	19.76	22.60	506.40	795.60	400.00	10.00	Shan N. (2014). Nitrogen utilization and loss in winter wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Agricultural University of Hebei. (Baoding, China)
1670	45.41	126.37	maize	1.05	7.12	16.20	1.29	34.00	19.30	376.50	1024.50	0.00	0.21	Ni K. et al. (2012). Nitrous oxide emissions from a rainfed-cultivated black soil in Northeast China: effect of fertilization and maize crop. Biology & Fertility of Soils. 48(8):973-979
1671	45.41	126.37	maize	1.05	7.12	16.20	1.29	34.00	19.30	376.50	1024.50	225.00	0.88	Ni K. et al. (2012). Nitrous oxide emissions from a rainfed-cultivated black soil in Northeast China: effect of fertilization and maize crop. Biology & Fertility of Soils. 48(8):973-979
1672	37.38	112.51	maize	1.33	8.40	16.90	1.02	19.90	18.87	501.00	996.00	0.00	0.21	Liu Y T. et al. (2011). Nitrous oxide emissions from irrigated and fertilized spring maize in semi-arid northern China. Agriculture Ecosystems & Environment. 141(3):287-295.
1673	37.38	112.51	maize	1.33	8.40	16.90	1.02	19.90	18.87	501.00	996.00	120.00	0.78	Liu Y T. et al. (2011). Nitrous oxide emissions from irrigated and fertilized spring maize in semi-arid northern China. Agriculture Ecosystems & Environment. 141(3):287-295.
1674	37.63	112.85	maize	1.33	8.40	16.90	1.02	19.90	18.87	501.00	996.00	330.00	1.49	Liu Y T. et al. (2011). Nitrous oxide emissions from irrigated and fertilized spring maize in semi-arid northern China. Agriculture Ecosystems & Environment. 141(3):287-295.
1675	41.32	122.23	maize	1.40	6.40	9.38	0.76	36.09	21.50	399.00	966.00	0.00	0.17	Huang G H. et al. (1998). N2O emission in maize field and its mitigation. (in Chinese with English abstract). Acta Scientiae Circum－stantiae. 18(4):345-349.
1676	41.32	122.23	maize	1.40	6.40	9.38	0.76	36.09	21.50	399.00	966.00	180.00	3.42	Huang G H. et al. (1998). N2O emission in maize field and its mitigation. (in Chinese with English abstract). Acta Scientiae Circum－stantiae. 18(4):345-349.
1677	41.32	122.23	maize	1.40	6.40	9.38	0.76	36.09	21.50	399.00	966.00	180.00	4.00	Huang G H. et al. (1998). N2O emission in maize field and its mitigation. (in Chinese with English abstract). Acta Scientiae Circum－stantiae. 18(4):345-349.
1678	41.32	122.23	maize	1.40	6.40	9.38	0.76	36.09	21.50	399.00	966.00	180.00	1.21	Huang G H. et al. (1998). N2O emission in maize field and its mitigation. (in Chinese with English abstract). Acta Scientiae Circum－stantiae. 18(4):345-349.
1679	37.38	112.51	maize	1.33	7.50	9.80	1.79	22.29	19.70	501.00	996.00	0.00	0.21	Liu Y T. et al. (2011). Nitrous Oxide emissions from spring-maize field under the application of different nitrogen and phosphorus fertilizers. (in Chinese with English abstract). Journal of Agro-Environment Science. 30:1468–1475.
1680	37.38	112.51	maize	1.33	7.50	9.80	1.79	22.29	19.70	501.00	996.00	180.00	1.19	Liu Y T. et al. (2011). Nitrous Oxide emissions from spring-maize field under the application of different nitrogen and phosphorus fertilizers. (in Chinese with English abstract). Journal of Agro-Environment Science. 30:1468–1475.
1681	37.38	112.51	maize	1.33	7.50	9.80	1.79	22.29	19.70	501.00	996.00	180.00	0.93	Liu Y T. et al. (2011). Nitrous Oxide emissions from spring-maize field under the application of different nitrogen and phosphorus fertilizers. (in Chinese with English abstract). Journal of Agro-Environment Science. 30:1468–1475.
1682	37.38	112.51	maize	1.33	7.50	9.80	1.79	22.29	19.70	501.00	996.00	180.00	0.69	Liu Y T. et al. (2011). Nitrous Oxide emissions from spring-maize field under the application of different nitrogen and phosphorus fertilizers. (in Chinese with English abstract). Journal of Agro-Environment Science. 30:1468–1475.
1683	35.00	114.24	maize	1.35	8.35	4.43	0.40	13.64	25.10	452.40	607.20	0.00	0.08	Cai Y. et al. (2010). Spatial variation of nitrous oxide emission between interrow soil and interrow plus row soil in a long-term maize cultivated sandy loam soil. Geoderma, 181-182(none):2-10.
1684	35.00	114.24	maize	1.35	8.35	9.91	0.40	13.64	25.10	452.40	607.20	150.00	1.22	Cai Y. et al. (2010). Spatial variation of nitrous oxide emission between interrow soil and interrow plus row soil in a long-term maize cultivated sandy loam soil. Geoderma, 181-182(none):2-10.
1685	35.00	114.24	maize	1.35	8.35	7.63	0.40	13.64	25.10	452.40	607.20	150.00	0.92	Cai Y. et al. (2010). Spatial variation of nitrous oxide emission between interrow soil and interrow plus row soil in a long-term maize cultivated sandy loam soil. Geoderma, 181-182(none):2-10.
1686	35.00	114.24	maize	1.35	8.35	4.71	0.40	13.64	25.10	452.40	607.20	0.00	0.06	Cai Y. et al. (2010). Spatial variation of nitrous oxide emission between interrow soil and interrow plus row soil in a long-term maize cultivated sandy loam soil. Geoderma, 181-182(none):2-10.
1687	35.00	114.24	maize	1.35	8.35	5.61	0.40	13.64	25.10	452.40	607.20	150.00	0.49	Cai Y. et al. (2010). Spatial variation of nitrous oxide emission between interrow soil and interrow plus row soil in a long-term maize cultivated sandy loam soil. Geoderma, 181-182(none):2-10.
1688	35.00	114.24	maize	1.35	8.35	6.51	0.40	13.64	25.10	452.40	607.20	0.00	0.06	Cai Y. et al. (2010). Spatial variation of nitrous oxide emission between interrow soil and interrow plus row soil in a long-term maize cultivated sandy loam soil. Geoderma, 181-182(none):2-10.
1689	35.00	114.24	maize	1.35	8.35	7.41	0.40	13.64	25.10	452.40	607.20	75.00	0.84	Cai Y. et al. (2010). Spatial variation of nitrous oxide emission between interrow soil and interrow plus row soil in a long-term maize cultivated sandy loam soil. Geoderma, 181-182(none):2-10.
1690	35.00	114.24	maize	1.35	8.35	8.31	0.40	13.64	25.10	452.40	607.20	0.00	0.30	Cai Y. et al. (2010). Spatial variation of nitrous oxide emission between interrow soil and interrow plus row soil in a long-term maize cultivated sandy loam soil. Geoderma, 181-182(none):2-10.
1691	35.00	114.24	maize	1.35	8.35	9.21	0.40	13.64	25.10	452.40	607.20	75.00	0.47	Cai Y. et al. (2010). Spatial variation of nitrous oxide emission between interrow soil and interrow plus row soil in a long-term maize cultivated sandy loam soil. Geoderma, 181-182(none):2-10.
1692	35.00	114.24	maize	1.51	8.60	5.74	0.60	13.64	25.50	416.40	655.20	0.00	0.18	Ding H. et al. (2005). Denitrification Losses and N2O Emissions from Different Nitrogen Fertilizers Applied to the Maize-Fluvo-Aquic Soil System. (in Chinese with English abstract). 4(005):382-388.
1693	35.00	114.24	maize	1.51	8.60	5.74	0.60	13.64	25.50	416.40	655.20	150.00	0.56	Ding H. et al. (2005). Denitrification Losses and N2O Emissions from Different Nitrogen Fertilizers Applied to the Maize-Fluvo-Aquic Soil System. (in Chinese with English abstract). 4(005):382-388.
1694	35.00	114.24	maize	1.51	8.60	5.74	0.60	13.64	25.50	416.40	655.20	150.00	0.85	Ding H. et al. (2005). Denitrification Losses and N2O Emissions from Different Nitrogen Fertilizers Applied to the Maize-Fluvo-Aquic Soil System. (in Chinese with English abstract). 4(005):382-388.
1695	35.00	114.24	maize	1.51	8.60	5.74	0.60	13.64	25.50	416.40	655.20	150.00	1.04	Ding H. et al. (2005). Denitrification Losses and N2O Emissions from Different Nitrogen Fertilizers Applied to the Maize-Fluvo-Aquic Soil System. (in Chinese with English abstract). 4(005):382-388.
1696	35.00	114.24	maize	1.51	8.60	5.74	0.60	13.64	25.50	416.40	655.20	150.00	0.24	Ding H. et al. (2005). Denitrification Losses and N2O Emissions from Different Nitrogen Fertilizers Applied to the Maize-Fluvo-Aquic Soil System. (in Chinese with English abstract). 4(005):382-388.
1697	35.00	114.24	maize	1.51	8.60	5.74	0.60	13.64	25.50	416.40	655.20	0.00	0.46	Ding H. et al. (2005). Denitrification Losses and N2O Emissions from Different Nitrogen Fertilizers Applied to the Maize-Fluvo-Aquic Soil System. (in Chinese with English abstract). 4(005):382-388.
1698	35.00	114.24	maize	1.51	8.60	5.74	0.60	13.64	25.50	416.40	655.20	150.00	0.67	Ding H. et al. (2005). Denitrification Losses and N2O Emissions from Different Nitrogen Fertilizers Applied to the Maize-Fluvo-Aquic Soil System. (in Chinese with English abstract). 4(005):382-388.
1699	35.00	114.24	maize	1.51	8.60	5.74	0.60	13.64	25.50	416.40	655.20	150.00	2.52	Ding H. et al. (2005). Denitrification Losses and N2O Emissions from Different Nitrogen Fertilizers Applied to the Maize-Fluvo-Aquic Soil System. (in Chinese with English abstract). 4(005):382-388.
1700	38.01	115.32	maize	1.40	8.00	6.79	0.94	17.83	25.40	296.40	727.20	0.00	0.86	Wang X B. (2009). Nitrogen cycling and balance in winter wheat-summer corn rotation system under optimized nitrogen management. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1701	38.01	115.32	maize	1.40	8.00	6.79	0.94	17.83	25.40	296.40	727.20	240.00	3.16	Wang X B. (2009). Nitrogen cycling and balance in winter wheat-summer corn rotation system under optimized nitrogen management. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1702	38.01	115.32	maize	1.40	8.00	6.79	0.94	17.83	25.40	296.40	727.20	168.00	2.61	Wang X B. (2009). Nitrogen cycling and balance in winter wheat-summer corn rotation system under optimized nitrogen management. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1703	38.01	115.32	maize	1.40	8.00	6.79	0.94	17.83	25.40	296.40	727.20	168.00	2.01	Wang X B. (2009). Nitrogen cycling and balance in winter wheat-summer corn rotation system under optimized nitrogen management. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1704	28.30	113.84	maize	1.36	5.75	8.45	3.51	31.71	23.60	1126.80	466.80	0.00	0.38	Xie Y. et al. (2016).Effects of reduced CRNF applications on N2O emissions and ammonia volatilization in spring maize soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(3):596-603.
1705	28.30	113.84	maize	1.36	5.75	8.45	3.51	31.71	23.60	1126.80	466.80	240.00	2.05	Xie Y. et al. (2016).Effects of reduced CRNF applications on N2O emissions and ammonia volatilization in spring maize soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(3):596-603.
1706	35.12	107.40	maize	1.38	8.40	6.50	0.80	24.00	20.70	439.50	493.50	0.00	0.55	Wu D F. et al. (2016). Effects of DCD addition on grain yield，N2 O amission and residual nitrate-N of spring maize in rain-fed agriculture. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 22(1):30-39.
1707	35.12	107.40	maize	1.38	8.40	6.50	0.80	24.00	20.70	439.50	493.50	200.00	1.25	Wu D F. et al. (2016). Effects of DCD addition on grain yield，N2 O amission and residual nitrate-N of spring maize in rain-fed agriculture. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 22(1):30-39.
1708	35.12	107.40	maize	1.38	8.40	6.50	0.80	24.00	20.70	439.50	493.50	160.00	0.91	Wu D F. et al. (2016). Effects of DCD addition on grain yield，N2 O amission and residual nitrate-N of spring maize in rain-fed agriculture. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 22(1):30-39.
1709	35.12	107.40	maize	1.38	8.40	3.77	0.80	24.00	19.70	436.50	493.50	0.00	0.46	Wu D F. et al. (2016). Effects of DCD addition on grain yield，N2 O amission and residual nitrate-N of spring maize in rain-fed agriculture. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 22(1):30-39.
1710	35.12	107.40	maize	1.38	8.40	3.77	0.80	24.00	19.70	436.50	493.50	200.00	1.20	Wu D F. et al. (2016). Effects of DCD addition on grain yield，N2 O amission and residual nitrate-N of spring maize in rain-fed agriculture. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 22(1):30-39.
1711	35.12	107.40	maize	1.38	8.40	3.77	0.80	24.00	19.70	436.50	493.50	160.00	0.87	Wu D F. et al. (2016). Effects of DCD addition on grain yield，N2 O amission and residual nitrate-N of spring maize in rain-fed agriculture. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 22(1):30-39.
1712	37.38	112.51	maize	1.33	8.50	9.45	1.79	16.15	19.90	504.00	987.00	0.00	0.25	Duan Z. et al. (2014). Emission of green house gases for spring maize on different fertilizer treatments. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(24):216-224.
1713	37.38	112.51	maize	1.33	8.50	9.45	1.79	16.15	19.90	504.00	987.00	180.00	1.24	Duan Z. et al. (2014). Emission of green house gases for spring maize on different fertilizer treatments. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(24):216-224.
1714	37.38	112.51	maize	1.33	8.50	8.72	1.79	16.15	20.40	321.00	490.50	0.00	0.25	Duan Z. et al. (2014). Emission of green house gases for spring maize on different fertilizer treatments. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(24):216-224.
1715	37.38	112.51	maize	1.33	8.50	8.72	1.79	16.15	20.40	321.00	490.50	180.00	1.20	Duan Z. et al. (2014). Emission of green house gases for spring maize on different fertilizer treatments. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(24):216-224.
1716	37.38	112.51	maize	1.33	8.50	9.80	1.79	16.15	19.20	450.00	459.00	0.00	0.34	Duan Z. et al. (2014). Emission of green house gases for spring maize on different fertilizer treatments. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(24):216-224.
1717	37.38	112.51	maize	1.33	8.50	9.80	1.79	16.15	19.20	450.00	459.00	180.00	1.70	Duan Z. et al. (2014). Emission of green house gases for spring maize on different fertilizer treatments. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(24):216-224.
1718	37.38	112.51	maize	1.33	8.50	8.72	1.79	16.15	19.60	445.50	357.00	0.00	0.51	Duan Z. et al. (2014). Emission of green house gases for spring maize on different fertilizer treatments. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(24):216-224.
1719	37.38	112.51	maize	1.33	8.50	8.72	1.79	16.15	19.60	445.50	357.00	180.00	1.77	Duan Z. et al. (2014). Emission of green house gases for spring maize on different fertilizer treatments. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(24):216-224.
1720	37.38	112.51	maize	1.33	8.50	8.72	1.79	16.15	20.30	510.00	460.50	0.00	0.33	Duan Z. et al. (2014). Emission of green house gases for spring maize on different fertilizer treatments. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(24):216-224.
1721	37.38	112.51	maize	1.33	8.50	8.72	1.79	16.15	20.30	510.00	460.50	180.00	1.40	Duan Z. et al. (2014). Emission of green house gases for spring maize on different fertilizer treatments. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 30(24):216-224.
1722	45.50	126.51	maize	1.26	6.85	12.59	1.14	23.31	19.80	558.00	964.50	0.00	0.27	Guo J M. (2015). Effects of Different Fertilization Modes on Nitrogen Use and Greenhouse Gas Emissions from Spring Maize in Northeast China. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)

1723	45.50	126.51	maize	1.26	6.85	12.59	1.14	23.31	19.80	558.00	964.50	210.00	1.04	Guo J M. (2015). Effects of Different Fertilization Modes on Nitrogen Use and Greenhouse Gas Emissions from Spring Maize in Northeast China. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1724	45.50	126.51	maize	1.26	6.85	12.59	1.14	23.31	19.80	558.00	964.50	165.00	0.82	Guo J M. (2015). Effects of Different Fertilization Modes on Nitrogen Use and Greenhouse Gas Emissions from Spring Maize in Northeast China. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1725	39.57	118.60	maize	1.42	7.23	8.82	0.96	19.79	23.00	537.60	849.60	0.00	0.40	Lu T, (2015). Effects of different carbon and nitrogen management practices on N_2O emissions from spring maize field. (in Chinese with English abstract). Shihezi University. (Shihezi, China)
1726	39.57	118.60	maize	1.42	7.23	8.82	0.96	19.79	23.00	537.60	849.60	180.00	1.37	Lu T, (2015). Effects of different carbon and nitrogen management practices on N_2O emissions from spring maize field. (in Chinese with English abstract). Shihezi University. (Shihezi, China)
1727	39.57	118.60	maize	1.42	7.23	8.82	0.96	19.79	23.00	537.60	849.60	108.00	0.69	Lu T, (2015). Effects of different carbon and nitrogen management practices on N_2O emissions from spring maize field. (in Chinese with English abstract). Shihezi University. (Shihezi, China)
1728	39.57	118.60	maize	1.42	7.23	8.82	0.96	19.79	23.00	537.60	849.60	180.00	1.72	Lu T, (2015). Effects of different carbon and nitrogen management practices on N_2O emissions from spring maize field. (in Chinese with English abstract). Shihezi University. (Shihezi, China)
1729	45.84	126.83	maize	1.26	7.10	18.68	1.90	23.31	19.80	558.00	964.50	0.00	0.32	Hao X Y. et al. (2015). Effects of nitrogen fertilizer management measures on greenhouse gas emissions from black soil corn fields. (in Chinese with English abstract). China Environmental Science. 35(11):3227-3238.
1730	45.84	126.83	maize	1.26	7.10	18.68	1.90	23.31	19.80	558.00	964.50	185.00	0.94	Hao X Y. et al. (2015). Effects of nitrogen fertilizer management measures on greenhouse gas emissions from black soil corn fields. (in Chinese with English abstract). China Environmental Science. 35(11):3227-3238.
1731	45.84	126.83	maize	1.26	7.10	18.68	1.90	23.31	19.80	558.00	964.50	148.00	0.77	Hao X Y. et al. (2015). Effects of nitrogen fertilizer management measures on greenhouse gas emissions from black soil corn fields. (in Chinese with English abstract). China Environmental Science. 35(11):3227-3238.
1732	45.84	126.83	maize	1.26	7.10	18.68	1.90	23.31	19.80	558.00	964.50	148.00	0.51	Hao X Y. et al. (2015). Effects of nitrogen fertilizer management measures on greenhouse gas emissions from black soil corn fields. (in Chinese with English abstract). China Environmental Science. 35(11):3227-3238.
1733	35.12	107.40	maize	1.30	8.40	6.48	0.62	24.00	20.70	439.50	493.50	0.00	0.52	Jiang J S. (2015). Effects of nitrogen fertilization and rotation on greenhouse gases emissions on arid-highland of the loess plateau. (in Chinese with English abstract). The University of Chinese Academy of Sciences. (Yangling, China)
1734	35.12	107.40	maize	1.30	8.40	6.48	0.62	24.00	20.70	439.50	493.50	200.00	1.42	Jiang J S. (2015). Effects of nitrogen fertilization and rotation on greenhouse gases emissions on arid-highland of the loess plateau. (in Chinese with English abstract). The University of Chinese Academy of Sciences. (Yangling, China)
1735	35.12	107.40	maize	1.30	8.40	6.48	0.62	24.00	20.70	439.50	493.50	160.00	1.01	Jiang J S. (2015). Effects of nitrogen fertilization and rotation on greenhouse gases emissions on arid-highland of the loess plateau. (in Chinese with English abstract). The University of Chinese Academy of Sciences. (Yangling, China)
1736	35.12	107.40	maize	1.30	8.40	6.48	0.62	24.00	19.70	436.50	493.50	0.00	0.39	Jiang J S. (2015). Effects of nitrogen fertilization and rotation on greenhouse gases emissions on arid-highland of the loess plateau. (in Chinese with English abstract). The University of Chinese Academy of Sciences. (Yangling, China)
1737	35.12	107.40	maize	1.30	8.40	6.48	0.62	24.00	19.70	436.50	493.50	200.00	1.28	Jiang J S. (2015). Effects of nitrogen fertilization and rotation on greenhouse gases emissions on arid-highland of the loess plateau. (in Chinese with English abstract). The University of Chinese Academy of Sciences. (Yangling, China)
1738	35.12	107.40	maize	1.30	8.40	6.48	0.62	24.00	19.70	436.50	493.50	160.00	0.90	Jiang J S. (2015). Effects of nitrogen fertilization and rotation on greenhouse gases emissions on arid-highland of the loess plateau. (in Chinese with English abstract). The University of Chinese Academy of Sciences. (Yangling, China)
1739	37.20	116.38	maize	1.40	8.00	4.93	0.60	20.54	24.90	558.00	838.80	0.00	0.20	LI Y Q. et al. (2015). Effect of organic and inorganic fertilizer on the emission of CO_2 and N_2O from the summer maize field in the North China plain. (in Chinese with English abstract). Scientia Agricultura Sinica. 48(21):4381-4389.
1740	37.20	116.38	maize	1.40	8.00	4.93	0.60	20.54	24.90	558.00	838.80	120.00	0.66	LI Y Q. et al. (2015). Effect of organic and inorganic fertilizer on the emission of CO_2 and N_2O from the summer maize field in the North China plain. (in Chinese with English abstract). Scientia Agricultura Sinica. 48(21):4381-4389.
1741	37.20	116.38	maize	1.40	8.00	4.93	0.60	20.54	24.90	558.00	838.80	240.00	0.86	LI Y Q. et al. (2015). Effect of organic and inorganic fertilizer on the emission of CO_2 and N_2O from the summer maize field in the North China plain. (in Chinese with English abstract). Scientia Agricultura Sinica. 48(21):4381-4389.
1742	37.20	116.38	maize	1.40	8.00	4.93	0.60	20.54	24.90	558.00	838.80	360.00	1.84	LI Y Q. et al. (2015). Effect of organic and inorganic fertilizer on the emission of CO_2 and N_2O from the summer maize field in the North China plain. (in Chinese with English abstract). Scientia Agricultura Sinica. 48(21):4381-4389.
1743	37.20	116.38	maize	1.40	8.00	4.93	0.60	20.54	24.90	558.00	838.80	500.00	1.93	LI Y Q. et al. (2015). Effect of organic and inorganic fertilizer on the emission of CO_2 and N_2O from the summer maize field in the North China plain. (in Chinese with English abstract). Scientia Agricultura Sinica. 48(21):4381-4389.
1744	37.20	116.38	maize	1.40	8.00	4.93	0.60	20.54	24.90	558.00	838.80	120.00	0.27	LI Y Q. et al. (2015). Effect of organic and inorganic fertilizer on the emission of CO_2 and N_2O from the summer maize field in the North China plain. (in Chinese with English abstract). Scientia Agricultura Sinica. 48(21):4381-4389.
1745	37.20	116.38	maize	1.40	8.00	4.93	0.60	20.54	24.90	558.00	838.80	240.00	0.38	LI Y Q. et al. (2015). Effect of organic and inorganic fertilizer on the emission of CO_2 and N_2O from the summer maize field in the North China plain. (in Chinese with English abstract). Scientia Agricultura Sinica. 48(21):4381-4389.
1746	37.20	116.38	maize	1.40	8.00	4.93	0.60	20.54	24.90	558.00	838.80	360.00	0.66	LI Y Q. et al. (2015). Effect of organic and inorganic fertilizer on the emission of CO_2 and N_2O from the summer maize field in the North China plain. (in Chinese with English abstract). Scientia Agricultura Sinica. 48(21):4381-4389.
1747	37.20	116.38	maize	1.40	8.00	4.93	0.60	20.54	24.90	558.00	838.80	500.00	0.96	LI Y Q. et al. (2015). Effect of organic and inorganic fertilizer on the emission of CO_2 and N_2O from the summer maize field in the North China plain. (in Chinese with English abstract). Scientia Agricultura Sinica. 48(21):4381-4389.
1748	35.12	107.40	maize	1.40	8.40	8.15	0.90	17.00	22.10	549.48	492.95	0.00	0.48	Huang H Z. (2014). Effect of Biochar on Greenhouse emissions from dryland spring maize on the loess plateau. (in Chinese with English abstract). Northwest A & F University. (Yanglin, China)
1749	35.12	107.40	maize	1.40	8.40	8.15	0.90	17.00	22.10	549.48	492.95	225.00	1.54	Huang H Z. (2014). Effect of Biochar on Greenhouse emissions from dryland spring maize on the loess plateau. (in Chinese with English abstract). Northwest A & F University. (Yanglin, China)
1750	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	24.70	416.40	699.60	0.00	1.39	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1751	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	24.70	416.40	699.60	225.00	3.12	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1752	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	24.70	416.40	699.60	225.00	2.81	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1753	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	24.70	416.40	699.60	0.00	2.31	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1754	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	24.70	416.40	699.60	225.00	3.63	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1755	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	24.70	416.40	699.60	225.00	3.38	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1756	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	25.50	616.80	730.80	0.00	2.00	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1757	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	25.50	616.80	730.80	225.00	10.42	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1758	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	25.50	616.80	730.80	225.00	5.27	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1759	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	25.50	616.80	730.80	225.00	6.71	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1760	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	25.50	616.80	730.80	225.00	5.89	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1761	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	25.50	616.80	730.80	0.00	0.70	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1762	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	25.50	616.80	730.80	225.00	6.86	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1763	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	25.50	616.80	730.80	225.00	3.76	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1764	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	25.50	616.80	730.80	225.00	2.61	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1765	36.18	117.12	maize	1.43	7.70	7.48	1.00	21.24	25.50	616.80	730.80	225.00	3.22	Li N. (2014). Effects of tillage practice and poly-coated urea on N_2O from summer maize field. Shandong Agricultural University. (Taian, China)
1766	35.09	113.51	maize	1.49	8.05	8.43	0.81	16.00	26.20	404.40	397.20	0.00	0.96	Xia Wenbin. et al. (2014). Effects of wheat straw return ways on integrated global warming effect from dryland soil in north China Plain. (in Chinese with English abstract). Soils. 46(6):1010-1016.
1767	35.09	113.51	maize	1.49	8.05	8.43	0.81	16.00	26.20	404.40	397.20	225.00	2.92	Xia Wenbin. et al. (2014). Effects of wheat straw return ways on integrated global warming effect from dryland soil in north China Plain. (in Chinese with English abstract). Soils. 46(6):1010-1016.
1768	35.09	113.51	maize	1.49	8.05	8.43	0.81	16.00	26.20	404.40	397.20	225.00	5.20	Xia Wenbin. et al. (2014). Effects of wheat straw return ways on integrated global warming effect from dryland soil in north China Plain. (in Chinese with English abstract). Soils. 46(6):1010-1016.
1769	28.30	113.84	maize	1.36	5.75	8.45	1.51	31.71	23.60	1126.80	466.80	0.00	0.04	Yan W. (2014). Effects of slow-controlled release fertilizer and reducing nitrogen application on loss and utilization of nitrogen and upland crop yield. (in Chinese with English abstract). Hunan Agricultural University. (Changsha, China)
1770	28.30	113.84	maize	1.36	5.75	8.45	1.51	31.71	23.60	1126.80	466.80	240.00	0.32	Yan W. (2014). Effects of slow-controlled release fertilizer and reducing nitrogen application on loss and utilization of nitrogen and upland crop yield. (in Chinese with English abstract). Hunan Agricultural University. (Changsha, China)
1771	41.15	121.35	maize	1.33	7.10	13.17	1.41	19.30	19.70	673.50	858.00	0.00	0.82	Yang L. et al. (2014). Modeling impacts of alternative farming management practices on carbon sequestration and mitigating N_2O emissions from spring maize fields. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 20(1):75-86 .
1772	41.15	121.35	maize	1.33	7.10	13.17	1.41	19.30	19.70	673.50	858.00	265.00	1.11	Yang L. et al. (2014). Modeling impacts of alternative farming management practices on carbon sequestration and mitigating N_2O emissions from spring maize fields. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 20(1):75-86 .
1773	41.15	121.35	maize	1.33	7.10	13.17	1.41	19.30	19.70	673.50	858.00	210.00	1.03	Yang L. et al. (2014). Modeling impacts of alternative farming management practices on carbon sequestration and mitigating N_2O emissions from spring maize fields. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 20(1):75-86 .
1774	41.15	121.35	maize	1.33	7.10	13.17	1.41	19.30	19.70	453.72	1019.25	265.00	1.07	Yang L. et al. (2014). Modeling impacts of alternative farming management practices on carbon sequestration and mitigating N_2O emissions from spring maize fields. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 20(1):75-86 .
1775	41.15	121.35	maize	1.33	7.10	13.17	1.41	19.30	19.70	453.72	1019.25	210.00	0.96	Yang L. et al. (2014). Modeling impacts of alternative farming management practices on carbon sequestration and mitigating N_2O emissions from spring maize fields. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 20(1):75-86 .
1776	41.15	121.35	maize	1.33	7.10	13.17	1.41	19.30	19.70	453.72	1019.25	210.00	0.84	Yang L. et al. (2014). Modeling impacts of alternative farming management practices on carbon sequestration and mitigating N_2O emissions from spring maize fields. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 20(1):75-86 .
1777	45.84	126.83	maize	1.12	6.54	19.20	1.62	23.31	19.80	558.00	964.50	0.00	0.86	Zheng Y. (2014). Effect of Nitrogen applocation methods on N_2O, CO_2 emissions and nitrogen balance in typical black soil farmland. (in Chinese with English abstract). Hainan University. (Hainan, China)
1778	45.84	126.83	maize	1.12	6.54	19.20	1.62	23.31	19.80	558.00	964.50	180.00	2.43	Zheng Y. (2014). Effect of Nitrogen applocation methods on N_2O, CO_2 emissions and nitrogen balance in typical black soil farmland. (in Chinese with English abstract). Hainan University. (Hainan, China)
1779	45.84	126.83	maize	1.12	6.54	19.20	1.62	23.31	19.80	558.00	964.50	180.00	2.38	Zheng Y. (2014). Effect of Nitrogen applocation methods on N_2O, CO_2 emissions and nitrogen balance in typical black soil farmland. (in Chinese with English abstract). Hainan University. (Hainan, China)
1780	45.84	126.83	maize	1.12	6.54	19.20	1.62	23.31	19.80	558.00	964.50	240.00	3.49	Zheng Y. (2014). Effect of Nitrogen applocation methods on N_2O, CO_2 emissions and nitrogen balance in typical black soil farmland. (in Chinese with English abstract). Hainan University. (Hainan, China)
1781	37.38	112.51	maize	1.33	7.50	9.80	1.79	22.29	19.70	501.00	996.00	0.00	0.21	Li Chao. (2013). Effects and Economic Benefits Analysis of Different Fertilizer Treatments on N_2O Emissions from Spring Corn Field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1782	37.38	112.51	maize	1.33	7.50	9.80	1.79	22.29	19.70	501.00	996.00	180.00	1.19	Li Chao. (2013). Effects and Economic Benefits Analysis of Different Fertilizer Treatments on N_2O Emissions from Spring Corn Field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1783	37.38	112.51	maize	1.33	7.50	9.80	1.79	22.29	20.10	336.00	496.50	0.00	0.18	Li Chao. (2013). Effects and Economic Benefits Analysis of Different Fertilizer Treatments on N_2O Emissions from Spring Corn Field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1784	37.38	112.51	maize	1.33	7.50	9.80	1.79	22.29	20.10	336.00	496.50	180.00	1.17	Li Chao. (2013). Effects and Economic Benefits Analysis of Different Fertilizer Treatments on N_2O Emissions from Spring Corn Field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1785	37.38	112.51	maize	1.33	7.50	9.80	1.79	22.29	18.90	471.00	468.00	0.00	0.26	Li Chao. (2013). Effects and Economic Benefits Analysis of Different Fertilizer Treatments on N_2O Emissions from Spring Corn Field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1786	37.38	112.51	maize	1.33	7.50	9.80	1.79	22.29	18.90	471.00	468.00	180.00	1.53	Li Chao. (2013). Effects and Economic Benefits Analysis of Different Fertilizer Treatments on N_2O Emissions from Spring Corn Field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1787	37.38	112.51	maize	1.33	7.50	9.80	1.79	22.29	18.90	471.00	468.00	0.00	0.33	Li Chao. (2013). Effects and Economic Benefits Analysis of Different Fertilizer Treatments on N_2O Emissions from Spring Corn Field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1788	37.38	112.51	maize	1.33	7.50	9.80	1.79	22.29	18.90	471.00	468.00	180.00	1.52	Li Chao. (2013). Effects and Economic Benefits Analysis of Different Fertilizer Treatments on N_2O Emissions from Spring Corn Field. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1789	36.10	117.09	maize	1.56	5.93	8.44	0.83	50.00	19.35	499.24	916.05	0.00	1.39	LI X. (2013). Effects of biochar and biochar-based fertilizer amendment on greenhouse gas emission, maize growth and soil properties. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
1790	36.10	117.09	maize	1.56	5.93	8.44	0.83	50.00	19.35	499.24	916.05	225.00	3.01	LI X. (2013). Effects of biochar and biochar-based fertilizer amendment on greenhouse gas emission, maize growth and soil properties. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
1791	36.10	117.09	maize	1.56	5.93	8.44	0.83	50.00	19.35	499.24	916.05	225.00	2.74	LI X. (2013). Effects of biochar and biochar-based fertilizer amendment on greenhouse gas emission, maize growth and soil properties. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
1792	36.10	117.09	maize	1.56	5.93	8.44	0.83	50.00	19.35	412.50	879.60	225.00	2.51	LI X. (2013). Effects of biochar and biochar-based fertilizer amendment on greenhouse gas emission, maize growth and soil properties. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
1793	36.10	117.09	maize	1.56	5.93	8.44	0.83	50.00	19.35	412.50	879.60	225.00	2.05	LI X. (2013). Effects of biochar and biochar-based fertilizer amendment on greenhouse gas emission, maize growth and soil properties. (in Chinese with English abstract). Nanjing Agricultural University. (Nanjing, China)
1794	40.12	118.18	maize	1.42	7.03	8.18	0.90	19.79	22.00	498.00	1042.50	0.00	0.24	Zhai Z. (2013). Studies on N_2O emissions and mitigation of spring maize field in North of China—A case study from Qianxi county, in Eastern Yanshan mountain. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing,China)
1795	40.12	118.18	maize	1.42	7.03	8.18	0.90	19.79	22.00	498.00	1042.50	108.00	0.52	Zhai Z. (2013). Studies on N_2O emissions and mitigation of spring maize field in North of China—A case study from Qianxi county, in Eastern Yanshan mountain. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing,China)
1796	40.12	118.18	maize	1.42	7.03	8.18	0.90	19.79	22.00	498.00	1042.50	180.00	0.88	Zhai Z. (2013). Studies on N_2O emissions and mitigation of spring maize field in North of China—A case study from Qianxi county, in Eastern Yanshan mountain. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing,China)
1797	35.28	107.88	maize	1.30	8.70	9.51	1.05	37.00	19.80	427.50	408.00	0.00	0.33	Nan W G. et al. (2016). Characteristics of N_2O production and transport within soil profiles subjected to different nitrogen application rates in China. Science of the Total Environment. 542:864-875.
1798	35.28	107.88	maize	1.30	8.70	9.51	1.05	37.00	19.80	427.50	408.00	380.00	2.78	Nan W G. et al. (2016). Characteristics of N_2O production and transport within soil profiles subjected to different nitrogen application rates in China. Science of the Total Environment. 542:864-875.
1799	35.28	107.88	maize	1.30	8.70	9.51	1.05	37.00	20.70	439.50	493.50	0.00	0.29	Nan W G. et al. (2016). Characteristics of N_2O production and transport within soil profiles subjected to different nitrogen application rates in China. Science of the Total Environment. 542:864-875.
1800	35.28	107.88	maize	1.30	8.70	9.51	1.05	37.00	20.70	439.50	493.50	380.00	2.79	Nan W G. et al. (2016). Characteristics of N_2O production and transport within soil profiles subjected to different nitrogen application rates in China. Science of the Total Environment. 542:864-875.
1801	35.28	107.88	maize	1.30	8.70	9.51	1.05	37.00	20.70	439.50	493.50	250.00	1.56	Nan W G. et al. (2016). Characteristics of N_2O production and transport within soil profiles subjected to different nitrogen application rates in China. Science of the Total Environment. 542:864-875.
1802	35.28	107.88	maize	1.30	8.70	9.51	1.05	37.00	20.70	439.50	493.50	250.00	1.91	Nan W G. et al. (2016). Characteristics of N_2O production and transport within soil profiles subjected to different nitrogen application rates in China. Science of the Total Environment. 542:864-875.
1803	36.16	117.15	maize	1.43	7.70	7.54	1.00	21.24	24.70	416.40	699.60	0.00	1.39	Li N. et al. (2015). N_2O emissions and yield in maize field fertilized with polymer-coated urea under subsoiling or rotary tillage. Nutrient cycling in agroecosystems. 102(3): 397-410.
1804	36.16	117.15	maize	1.43	7.70	7.54	1.00	21.24	24.70	416.40	699.60	225.00	3.12	Li N. et al. (2015). N_2O emissions and yield in maize field fertilized with polymer-coated urea under subsoiling or rotary tillage. Nutrient cycling in agroecosystems. 102(3): 397-410.
1805	36.16	117.15	maize	1.43	7.70	7.54	1.00	21.24	24.70	416.40	699.60	0.00	2.31	Li N. et al. (2015). N_2O emissions and yield in maize field fertilized with polymer-coated urea under subsoiling or rotary tillage. Nutrient cycling in agroecosystems. 102(3): 397-410.
1806	36.16	117.15	maize	1.43	7.70	7.54	1.00	21.24	24.70	416.40	699.60	225.00	3.63	Li N. et al. (2015). N_2O emissions and yield in maize field fertilized with polymer-coated urea under subsoiling or rotary tillage. Nutrient cycling in agroecosystems. 102(3): 397-410.
1807	36.16	117.15	maize	1.43	7.70	7.54	1.00	21.24	24.70	416.40	699.60	0.00	2.00	Li N. et al. (2015). N_2O emissions and yield in maize field fertilized with polymer-coated urea under subsoiling or rotary tillage. Nutrient cycling in agroecosystems. 102(3): 397-410.
1808	36.16	117.15	maize	1.43	7.70	7.54	1.00	21.24	24.70	416.40	699.60	225.00	10.43	Li N. et al. (2015). N_2O emissions and yield in maize field fertilized with polymer-coated urea under subsoiling or rotary tillage. Nutrient cycling in agroecosystems. 102(3): 397-410.
1809	36.16	117.15	maize	1.43	7.70	7.54	1.00	21.24	25.50	616.80	730.80	225.00	6.71	Li N. et al. (2015). N_2O emissions and yield in maize field fertilized with polymer-coated urea under subsoiling or rotary tillage. Nutrient cycling in agroecosystems. 102(3): 397-410.
1810	36.16	117.15	maize	1.43	7.70	7.54	1.00	21.24	25.50	616.80	730.80	0.00	0.70	Li N. et al. (2015). N_2O emissions and yield in maize field fertilized with polymer-coated urea under subsoiling or rotary tillage. Nutrient cycling in agroecosystems. 102(3): 397-410.
1811	36.16	117.15	maize	1.43	7.70	7.54	1.00	21.24	25.50	616.80	730.80	225.00	6.86	Li N. et al. (2015). N_2O emissions and yield in maize field fertilized with polymer-coated urea under subsoiling or rotary tillage. Nutrient cycling in agroecosystems. 102(3): 397-410.
1812	36.16	117.15	maize	1.43	7.70	7.54	1.00	21.24	25.50	616.80	730.80	225.00	2.61	Li N. et al. (2015). N_2O emissions and yield in maize field fertilized with polymer-coated urea under subsoiling or rotary tillage. Nutrient cycling in agroecosystems. 102(3): 397-410.
1813	35.28	107.88	maize	1.30	8.40	9.51	1.05	22.80	19.80	427.50	408.00	0.00	0.72	Liu J. et al. (2014). Response of nitrous oxide emission to soil mulching and nitrogen fertilization in semi-arid farmland. Agriculture, ecosystems & environment, 188: 20-28.
1814	35.28	107.88	maize	1.30	8.40	9.51	1.05	22.80	19.80	427.50	408.00	250.00	1.96	Liu J. et al. (2014). Response of nitrous oxide emission to soil mulching and nitrogen fertilization in semi-arid farmland. Agriculture, ecosystems & environment, 188: 20-28.
1815	35.28	107.88	maize	1.30	8.40	9.51	1.05	22.80	19.80	427.50	408.00	380.00	3.19	Liu J. et al. (2014). Response of nitrous oxide emission to soil mulching and nitrogen fertilization in semi-arid farmland. Agriculture, ecosystems & environment, 188: 20-28.
1816	35.28	107.88	maize	1.30	8.40	9.51	1.05	22.80	20.70	439.50	493.50	0.00	0.65	Liu J. et al. (2014). Response of nitrous oxide emission to soil mulching and nitrogen fertilization in semi-arid farmland. Agriculture, ecosystems & environment, 188: 20-28.
1817	35.28	107.88	maize	1.30	8.40	9.51	1.05	22.80	20.70	439.50	493.50	250.00	2.36	Liu J. et al. (2014). Response of nitrous oxide emission to soil mulching and nitrogen fertilization in semi-arid farmland. Agriculture, ecosystems & environment, 188: 20-28.
1818	35.28	107.88	maize	1.30	8.40	9.51	1.05	22.80	20.70	439.50	493.50	380.00	3.52	Liu J. et al. (2014). Response of nitrous oxide emission to soil mulching and nitrogen fertilization in semi-arid farmland. Agriculture, ecosystems & environment, 188: 20-28.

1819	34.32	115.30	maize	1.46	8.38	9.87	0.94	6.00	25.80	592.80	584.40	0.00	0.21	Zhang A. et al. (2012). Effect of biochar amendment on maize yield and greenhouse gas emissions from a soil organic carbon poor calcareous loamy soil from Central China Plain. Plant and Soil. 351(1-2):263-275.
1820	34.32	115.30	maize	1.46	8.38	9.87	0.94	6.00	25.80	592.80	584.40	300.00	1.22	Zhang A. et al. (2012). Effect of biochar amendment on maize yield and greenhouse gas emissions from a soil organic carbon poor calcareous loamy soil from Central China Plain. Plant and Soil. 351(1-2):263-275.
1821	34.92	110.73	maize	1.44	8.52	8.78	1.02	18.00	23.30	424.50	984.00	0.00	0.02	Bai D S. et al. (2008). Research of different fertilization management on N2O emission of the summer maize in the meadow-cinnamon soil area. (in Chinese with English abstract). Mod Agric Sci. 15(11):47 -49.
1822	34.92	110.73	maize	1.44	8.52	8.78	1.02	18.00	23.30	424.50	984.00	120.00	1.56	Bai D S. et al. (2008). Research of different fertilization management on N2O emission of the summer maize in the meadow-cinnamon soil area. (in Chinese with English abstract). Mod Agric Sci. 15(11):47 -49.
1823	34.92	110.73	maize	1.44	8.52	8.78	1.02	18.00	23.30	424.50	984.00	180.00	2.00	Bai D S. et al. (2008). Research of different fertilization management on N2O emission of the summer maize in the meadow-cinnamon soil area. (in Chinese with English abstract). Mod Agric Sci. 15(11):47 -49.
1824	40.26	106.34	maize	1.37	9.16	7.08	0.72	23.00	19.90	61.50	732.00	0.00	0.40	Bai X Y. (2017). Study on fertilization on farmland system of greenhouse gas emissions and ammonia volatilization in Hetao Irrigation District.(in Chinese with English abstract). Inner Mongolia Agricultural University. 2017:23-24.
1825	40.26	106.34	maize	1.37	9.16	7.08	0.72	23.00	19.90	61.50	732.00	487.50	5.26	Bai X Y. (2017). Study on fertilization on farmland system of greenhouse gas emissions and ammonia volatilization in Hetao Irrigation District.(in Chinese with English abstract). Inner Mongolia Agricultural University. 2017:23-24.
1826	40.26	106.34	maize	1.37	9.16	7.08	0.72	23.00	19.90	61.50	732.00	787.50	8.55	Bai X Y. (2017). Study on fertilization on farmland system of greenhouse gas emissions and ammonia volatilization in Hetao Irrigation District.(in Chinese with English abstract). Inner Mongolia Agricultural University. 2017:23-24.
1827	40.26	106.34	maize	1.37	9.16	7.08	0.72	23.00	19.90	61.50	732.00	388.80	2.40	Bai X Y. (2017). Study on fertilization on farmland system of greenhouse gas emissions and ammonia volatilization in Hetao Irrigation District.(in Chinese with English abstract). Inner Mongolia Agricultural University. 2017:23-24.
1828	41.82	123.57	maize	1.20	7.60	10.92	0.98	22.06	20.70	569.00	990.00	0.00	0.17	Cheng X Y. (2016). The Effects of Biochar on Nitrogen Utilization and Maize Growth on Brown Soil. (in Chinese with English abstract). Shenyang Agriculture University. (Shenyang, China)
1829	41.82	123.57	maize	1.20	7.60	10.92	0.98	22.06	20.70	569.00	990.00	160.00	0.36	Cheng X Y. (2016). The Effects of Biochar on Nitrogen Utilization and Maize Growth on Brown Soil. (in Chinese with English abstract). Shenyang Agriculture University. (Shenyang, China)
1830	37.30	103.50	maize	1.44	8.10	8.46	0.94	17.35	16.90	280.50	1216.50	0.00	0.27	Hu F L. (2017). The synergetic effect of N-fertilizer postponing application and maize-pea intercropping on the reduction of soil GHG emissions. (in Chinese with English abstract). Gansu Agricultural University. (Lanzhou, China)
1831	37.30	103.50	maize	1.44	8.10	8.46	0.94	17.35	16.90	280.50	1216.50	450.00	0.71	Hu F L. (2017). The synergetic effect of N-fertilizer postponing application and maize-pea intercropping on the reduction of soil GHG emissions. (in Chinese with English abstract). Gansu Agricultural University. (Lanzhou, China)
1832	37.30	103.50	maize	1.44	8.10	8.46	0.94	17.35	16.90	280.50	1216.50	450.00	0.88	Hu F L. (2017). The synergetic effect of N-fertilizer postponing application and maize-pea intercropping on the reduction of soil GHG emissions. (in Chinese with English abstract). Gansu Agricultural University. (Lanzhou, China)
1833	37.30	103.50	maize	1.44	8.10	8.46	0.94	17.35	16.90	280.50	1216.50	450.00	0.89	Hu F L. (2017). The synergetic effect of N-fertilizer postponing application and maize-pea intercropping on the reduction of soil GHG emissions. (in Chinese with English abstract). Gansu Agricultural University. (Lanzhou, China)
1834	37.30	103.50	maize	1.44	8.10	8.46	0.94	17.35	17.20	235.50	1216.50	0.00	0.30	Hu F L. (2017). The synergetic effect of N-fertilizer postponing application and maize-pea intercropping on the reduction of soil GHG emissions. (in Chinese with English abstract). Gansu Agricultural University. (Lanzhou, China)
1835	37.30	103.50	maize	1.44	8.10	8.46	0.94	17.35	17.20	235.50	1216.50	450.00	0.81	Hu F L. (2017). The synergetic effect of N-fertilizer postponing application and maize-pea intercropping on the reduction of soil GHG emissions. (in Chinese with English abstract). Gansu Agricultural University. (Lanzhou, China)
1836	37.30	103.50	maize	1.44	8.10	8.46	0.94	17.35	17.20	235.50	1216.50	450.00	0.92	Hu F L. (2017). The synergetic effect of N-fertilizer postponing application and maize-pea intercropping on the reduction of soil GHG emissions. (in Chinese with English abstract). Gansu Agricultural University. (Lanzhou, China)
1837	37.30	103.50	maize	1.44	8.10	8.46	0.94	17.35	17.20	235.50	1216.50	450.00	1.05	Hu F L. (2017). The synergetic effect of N-fertilizer postponing application and maize-pea intercropping on the reduction of soil GHG emissions. (in Chinese with English abstract). Gansu Agricultural University. (Lanzhou, China)
1838	37.30	103.50	maize	1.44	8.10	8.46	0.94	17.35	17.20	235.50	1216.50	0.00	0.24	Hu F L. (2017). The synergetic effect of N-fertilizer postponing application and maize-pea intercropping on the reduction of soil GHG emissions. (in Chinese with English abstract). Gansu Agricultural University. (Lanzhou, China)
1839	37.30	103.50	maize	1.44	8.10	8.46	0.94	17.35	17.20	235.50	1216.50	450.00	0.84	Hu F L. (2017). The synergetic effect of N-fertilizer postponing application and maize-pea intercropping on the reduction of soil GHG emissions. (in Chinese with English abstract). Gansu Agricultural University. (Lanzhou, China)
1840	37.30	103.50	maize	1.44	8.10	8.46	0.94	17.35	17.20	235.50	1216.50	450.00	0.90	Hu F L. (2017). The synergetic effect of N-fertilizer postponing application and maize-pea intercropping on the reduction of soil GHG emissions. (in Chinese with English abstract). Gansu Agricultural University. (Lanzhou, China)
1841	37.30	103.50	maize	1.44	8.10	8.46	0.94	17.35	17.20	235.50	1216.50	450.00	0.96	Hu F L. (2017). The synergetic effect of N-fertilizer postponing application and maize-pea intercropping on the reduction of soil GHG emissions. (in Chinese with English abstract). Gansu Agricultural University. (Lanzhou, China)
1842	29.03	106.11	maize	1.35	5.10	13.17	1.61	23.29	25.00	633.60	568.80	0.00	1.32	Kuang F H. (2016). Fate of N fertilizer and N balance in different cropping systems in purple soil areas of the upper reaches of Yangtze River. (in Chinese with English abstract). China Agricultural University. (Beijing, China)
1843	29.03	106.11	maize	1.35	5.10	13.17	1.61	23.29	25.00	633.60	568.80	225.00	3.54	Kuang F H. (2016). Fate of N fertilizer and N balance in different cropping systems in purple soil areas of the upper reaches of Yangtze River. (in Chinese with English abstract). China Agricultural University. (Beijing, China)
1844	29.03	106.11	maize	1.35	5.10	13.17	1.61	23.29	25.00	633.60	568.80	150.00	5.44	Kuang F H. (2016). Fate of N fertilizer and N balance in different cropping systems in purple soil areas of the upper reaches of Yangtze River. (in Chinese with English abstract). China Agricultural University. (Beijing, China)
1845	29.03	106.11	maize	1.35	5.10	13.17	1.61	23.29	22.90	513.60	570.00	0.00	1.84	Kuang F H. (2016). Fate of N fertilizer and N balance in different cropping systems in purple soil areas of the upper reaches of Yangtze River. (in Chinese with English abstract). China Agricultural University. (Beijing, China)
1846	29.03	106.11	maize	1.35	5.10	13.17	1.61	23.29	22.90	513.60	570.00	225.00	6.37	Kuang F H. (2016). Fate of N fertilizer and N balance in different cropping systems in purple soil areas of the upper reaches of Yangtze River. (in Chinese with English abstract). China Agricultural University. (Beijing, China)
1847	29.03	106.11	maize	1.35	5.10	13.17	1.61	23.29	22.90	513.60	570.00	150.00	11.98	Kuang F H. (2016). Fate of N fertilizer and N balance in different cropping systems in purple soil areas of the upper reaches of Yangtze River. (in Chinese with English abstract). China Agricultural University. (Beijing, China)
1848	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.70	436.50	493.50	0.00	0.08	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1849	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.70	436.50	493.50	100.00	0.16	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1850	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.70	436.50	493.50	250.00	0.42	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1851	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.70	436.50	493.50	400.00	0.61	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1852	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.70	436.50	493.50	0.00	0.07	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1853	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.70	436.50	493.50	100.00	0.16	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1854	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.70	436.50	493.50	250.00	0.43	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1855	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.70	436.50	493.50	400.00	0.69	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1856	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.60	294.00	493.50	0.00	0.13	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1857	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.60	294.00	493.50	100.00	0.35	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1858	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.60	294.00	493.50	250.00	0.63	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1859	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.60	294.00	493.50	400.00	0.83	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1860	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.60	294.00	493.50	0.00	0.11	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1861	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.60	294.00	493.50	100.00	0.28	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1862	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.60	294.00	493.50	250.00	0.51	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1863	35.12	107.40	maize	1.38	8.10	6.55	0.88	22.80	19.60	294.00	493.50	400.00	0.71	Li X S. (2016). Effect of plastic film mulching and nitrogen applying on greenhouse gases emissions in dryland maize field. (in Chinese with English abstract). Northwest A & F University. (Yangling, China)
1864	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	0.00	0.22	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1865	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	225.00	2.09	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1866	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	450.00	2.83	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1867	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	450.00	0.32	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1868	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	450.00	0.33	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1869	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	450.00	0.32	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1870	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	232.10	0.87	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1871	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	337.60	1.25	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1872	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	246.00	2.20	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1873	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	281.30	0.82	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1874	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	337.60	1.44	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1875	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	393.70	2.06	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1876	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	253.20	1.05	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1877	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	337.60	1.23	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1878	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	309.30	1.99	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1879	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	900.00	0.57	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1880	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	900.00	0.50	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1881	36.84	116.58	maize	1.42	8.69	7.00	0.73	20.40	25.30	418.80	734.40	900.00	0.44	LI Y Q. (2016). Study on agronomic and environmental effects of combined application of different organic manures with chemical fertilizer. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
1882	41.82	123.56	maize	1.41	6.90	10.61	0.80	22.06	21.60	559.50	988.50	0.00	2.30	Sun X. (2017). Effects of different fertilizer practices on greenhouse gas emissions and the corresponding econimic and comprehensive effects. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1883	41.82	123.56	maize	1.41	6.90	10.61	0.80	22.06	21.60	559.50	988.50	180.00	4.30	Sun X. (2017). Effects of different fertilizer practices on greenhouse gas emissions and the corresponding econimic and comprehensive effects. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1884	35.12	107.40	maize	1.30	8.40	8.10	1.00	17.00	24.20	370.50	774.00	0.00	0.12	Sun X. (2017). Effects of different fertilizer practices on greenhouse gas emissions and the corresponding econimic and comprehensive effects. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1885	35.12	107.40	maize	1.30	8.40	8.10	1.00	17.00	24.20	370.50	774.00	225.00	0.45	Sun X. (2017). Effects of different fertilizer practices on greenhouse gas emissions and the corresponding econimic and comprehensive effects. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1886	35.12	107.40	maize	1.30	8.40	8.10	1.00	17.00	24.20	370.50	774.00	225.00	0.51	Sun X. (2017). Effects of different fertilizer practices on greenhouse gas emissions and the corresponding econimic and comprehensive effects. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1887	35.12	107.40	maize	1.30	8.40	8.10	1.00	17.00	24.20	370.50	774.00	225.00	0.58	Sun X. (2017). Effects of different fertilizer practices on greenhouse gas emissions and the corresponding econimic and comprehensive effects. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1888	35.12	107.40	maize	1.30	8.40	8.10	1.00	17.00	24.20	370.50	774.00	0.00	0.13	Sun X. (2017). Effects of different fertilizer practices on greenhouse gas emissions and the corresponding econimic and comprehensive effects. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1889	35.12	107.40	maize	1.30	8.40	8.10	1.00	17.00	24.20	370.50	774.00	225.00	0.47	Sun X. (2017). Effects of different fertilizer practices on greenhouse gas emissions and the corresponding econimic and comprehensive effects. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1890	35.12	107.40	maize	1.30	8.40	8.10	1.00	17.00	24.20	370.50	774.00	225.00	0.44	Sun X. (2017). Effects of different fertilizer practices on greenhouse gas emissions and the corresponding econimic and comprehensive effects. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1891	35.12	107.40	maize	1.30	8.40	8.10	1.00	17.00	24.20	370.50	774.00	225.00	0.45	Sun X. (2017). Effects of different fertilizer practices on greenhouse gas emissions and the corresponding econimic and comprehensive effects. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1892	35.28	107.88	maize	1.30	8.40	3.77	0.80	24.00	20.70	439.50	493.50	0.00	0.52	Wu D F. (2016). Nitrogen utilization and GHG emissions under reduced nitrogen fertilization in the semiarid Loess Plateau. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1893	35.28	107.88	maize	1.30	8.40	3.77	0.80	24.00	20.70	439.50	493.50	200.00	1.42	Wu D F. (2016). Nitrogen utilization and GHG emissions under reduced nitrogen fertilization in the semiarid Loess Plateau. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1894	35.28	107.88	maize	1.30	8.40	3.77	0.80	24.00	20.70	439.50	493.50	150.00	1.01	Wu D F. (2016). Nitrogen utilization and GHG emissions under reduced nitrogen fertilization in the semiarid Loess Plateau. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1895	35.28	107.88	maize	1.30	8.40	3.77	0.80	24.00	19.70	436.50	493.50	0.00	0.39	Wu D F. (2016). Nitrogen utilization and GHG emissions under reduced nitrogen fertilization in the semiarid Loess Plateau. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1896	35.28	107.88	maize	1.30	8.40	3.77	0.80	24.00	19.70	436.50	493.50	200.00	1.20	Wu D F. (2016). Nitrogen utilization and GHG emissions under reduced nitrogen fertilization in the semiarid Loess Plateau. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1897	35.28	107.88	maize	1.30	8.40	3.77	0.80	24.00	19.70	436.50	493.50	150.00	0.90	Wu D F. (2016). Nitrogen utilization and GHG emissions under reduced nitrogen fertilization in the semiarid Loess Plateau. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1898	35.28	107.88	maize	1.30	8.40	3.77	0.80	24.00	19.60	294.00	493.50	0.00	0.40	Wu D F. (2016). Nitrogen utilization and GHG emissions under reduced nitrogen fertilization in the semiarid Loess Plateau. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1899	35.28	107.88	maize	1.30	8.40	3.77	0.80	24.00	19.60	294.00	493.50	200.00	1.20	Wu D F. (2016). Nitrogen utilization and GHG emissions under reduced nitrogen fertilization in the semiarid Loess Plateau. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1900	35.28	107.88	maize	1.30	8.40	3.77	0.80	24.00	19.60	294.00	493.50	150.00	1.02	Wu D F. (2016). Nitrogen utilization and GHG emissions under reduced nitrogen fertilization in the semiarid Loess Plateau. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1901	41.82	123.56	maize	1.48	5.50	11.60	1.94	46.00	21.60	559.50	988.50	0.00	2.10	Xu J. (2017). Effects of biochar on soil properties of maize and greenhouse gas emissions. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1902	41.82	123.56	maize	1.48	5.50	11.60	1.94	46.00	21.60	559.50	988.50	180.00	5.20	Xu J. (2017). Effects of biochar on soil properties of maize and greenhouse gas emissions. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1903	35.28	107.88	maize	1.38	8.10	8.25	0.80	22.80	19.70	436.50	493.50	0.00	0.06	Zhang H P. (2016). Effects of biochar on N2O emissions and soil nitrification in dryland farming ecosystem. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1904	35.28	107.88	maize	1.38	8.10	8.25	0.80	22.80	19.70	436.50	493.50	225.00	0.13	Zhang H P. (2016). Effects of biochar on N2O emissions and soil nitrification in dryland farming ecosystem. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1905	35.28	107.88	maize	1.38	8.10	8.25	0.80	22.80	19.70	436.50	493.50	225.00	0.63	Zhang H P. (2016). Effects of biochar on N2O emissions and soil nitrification in dryland farming ecosystem. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1906	35.28	107.88	maize	1.30	8.10	8.25	0.80	24.00	19.60	294.00	493.50	225.00	0.12	Zhang H P. (2016). Effects of biochar on N2O emissions and soil nitrification in dryland farming ecosystem. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1907	35.28	107.88	maize	1.38	8.10	8.25	0.80	22.80	19.60	294.00	493.50	225.00	0.52	Zhang H P. (2016). Effects of biochar on N2O emissions and soil nitrification in dryland farming ecosystem. (in Chinese with English abstract). Northwest A&F University. (Yangling, China)
1908	41.82	123.56	maize	1.41	6.80	10.61	0.60	22.06	21.30	394.50	988.50	0.00	4.60	Zhao X. (2016). Impacts of different farming measures on the emissions of greenhouse gases and carbon footprint for maize from brown soil. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1909	41.82	123.56	maize	1.41	6.80	10.61	0.60	22.06	21.30	394.50	988.50	150.00	8.30	Zhao X. (2016). Impacts of different farming measures on the emissions of greenhouse gases and carbon footprint for maize from brown soil. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1910	41.82	123.56	maize	1.41	6.80	11.66	0.60	22.06	21.60	559.50	988.50	0.00	4.20	Zhao X. (2016). Impacts of different farming measures on the emissions of greenhouse gases and carbon footprint for maize from brown soil. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1911	41.82	123.56	maize	1.41	6.80	11.66	0.60	22.06	21.60	559.50	988.50	120.00	6.40	Zhao X. (2016). Impacts of different farming measures on the emissions of greenhouse gases and carbon footprint for maize from brown soil. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1912	41.82	123.56	maize	1.41	6.80	11.66	0.60	22.06	21.60	559.50	988.50	150.00	7.50	Zhao X. (2016). Impacts of different farming measures on the emissions of greenhouse gases and carbon footprint for maize from brown soil. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1913	41.82	123.56	maize	1.41	6.80	11.66	0.60	22.06	21.60	559.50	988.50	120.00	6.00	Zhao X. (2016). Impacts of different farming measures on the emissions of greenhouse gases and carbon footprint for maize from brown soil. (in Chinese with English abstract). Shenyang Agricultural University. (Shenyang, China)
1914	34.20	108.24	maize	1.44	8.20	6.95	0.92	54.00	19.73	368.25	758.83	0.00	0.18	Wang D L. et al. (2017). Effects of gravel mulching on greenhouse gas emissions intensity in wheat-maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(17):208-215.

1915	34.20	108.24	maize	1.44	8.20	6.95	0.92	54.00	19.73	368.25	758.83	150.00	0.37	Wang D L. et al. (2017). Effects of gravel mulching on greenhouse gas emissions intensity in wheat-maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(17):208-215.
1916	34.20	108.24	maize	1.44	8.20	6.95	0.92	54.00	19.73	368.25	758.83	150.00	0.35	Wang D L. et al. (2017). Effects of gravel mulching on greenhouse gas emissions intensity in wheat-maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(17):208-215.
1917	34.20	108.24	maize	1.44	8.20	6.95	0.92	54.00	19.73	368.25	758.83	150.00	0.41	Wang D L. et al. (2017). Effects of gravel mulching on greenhouse gas emissions intensity in wheat-maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(17):208-215.
1918	34.20	108.24	maize	1.44	8.20	6.95	0.92	54.00	19.73	368.25	758.83	150.00	0.40	Wang D L. et al. (2017). Effects of gravel mulching on greenhouse gas emissions intensity in wheat-maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(17):208-215.
1919	35.28	107.88	maize	1.41	8.00	6.50	0.80	36.00	19.39	439.90	492.94	0.00	0.46	Wu D F. et al. (2016). Effect of reduced nitrogen fertilization on spring maize production and environmental impacts in rainfed areas. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(6):1202-1209
1920	35.28	107.88	maize	1.41	8.00	6.50	0.80	36.00	19.39	439.90	492.94	200.00	1.40	Wu D F. et al. (2016). Effect of reduced nitrogen fertilization on spring maize production and environmental impacts in rainfed areas. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(6):1202-1209
1921	35.28	107.88	maize	1.41	8.00	6.50	0.80	36.00	19.39	439.90	492.94	150.00	1.00	Wu D F. et al. (2016). Effect of reduced nitrogen fertilization on spring maize production and environmental impacts in rainfed areas. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(6):1202-1209
1922	35.28	107.88	maize	1.41	8.00	6.50	0.80	36.00	19.39	437.56	492.94	200.00	1.30	Wu D F. et al. (2016). Effect of reduced nitrogen fertilization on spring maize production and environmental impacts in rainfed areas. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(6):1202-1209
1923	35.28	107.88	maize	1.41	8.00	6.50	0.80	36.00	19.39	437.56	492.94	150.00	0.90	Wu D F. et al. (2016). Effect of reduced nitrogen fertilization on spring maize production and environmental impacts in rainfed areas. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(6):1202-1209
1924	35.28	107.88	maize	1.41	8.00	6.50	0.80	36.00	19.39	237.90	492.94	200.00	0.80	Wu D F. et al. (2016). Effect of reduced nitrogen fertilization on spring maize production and environmental impacts in rainfed areas. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(6):1202-1209
1925	35.28	107.88	maize	1.41	8.00	6.50	0.80	36.00	19.39	237.90	492.94	150.00	0.70	Wu D F. et al. (2016). Effect of reduced nitrogen fertilization on spring maize production and environmental impacts in rainfed areas. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(6):1202-1209
1926	34.20	108.24	maize	1.43	8.32	8.23	0.95	40.00	19.73	368.25	758.83	0.00	0.18	Feng H. et al. (2017). Effect of film mulching patterns on carbon sequestration in wheat maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society for Agricultural Machinery. 48(4):180-189.
1927	34.20	108.24	maize	1.43	8.32	8.23	0.95	40.00	19.73	368.25	758.83	225.00	0.25	Feng H. et al. (2017). Effect of film mulching patterns on carbon sequestration in wheat maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society for Agricultural Machinery. 48(4):180-189.
1928	34.20	108.24	maize	1.43	8.32	8.23	0.95	40.00	19.73	368.25	758.83	225.00	0.32	Feng H. et al. (2017). Effect of film mulching patterns on carbon sequestration in wheat maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society for Agricultural Machinery. 48(4):180-189.
1929	34.20	108.24	maize	1.43	8.32	8.23	0.95	40.00	19.73	368.25	758.83	225.00	0.47	Feng H. et al. (2017). Effect of film mulching patterns on carbon sequestration in wheat maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society for Agricultural Machinery. 48(4):180-189.
1930	34.20	108.24	maize	1.43	8.32	8.23	0.95	40.00	19.73	368.25	758.83	225.00	0.54	Feng H. et al. (2017). Effect of film mulching patterns on carbon sequestration in wheat maize rotation system. (in Chinese with English abstract). Transactions of the Chinese Society for Agricultural Machinery. 48(4):180-189.
1931	43.30	124.48	maize	1.41	7.60	13.23	1.40	21.72	20.20	529.50	730.50	0.00	0.45	Gao H J. et al. (2017). Emission characteristics of greenhouse gas from maize field of black soil region under long-term fertilization. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 34(5):422-430.
1932	43.30	124.48	maize	1.41	7.60	13.23	1.40	21.72	20.20	529.50	730.50	165.00	1.41	Gao H J. et al. (2017). Emission characteristics of greenhouse gas from maize field of black soil region under long-term fertilization. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 34(5):422-430.
1933	43.30	124.48	maize	1.41	7.60	13.23	1.40	21.72	20.20	529.50	730.50	165.00	1.55	Gao H J. et al. (2017). Emission characteristics of greenhouse gas from maize field of black soil region under long-term fertilization. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 34(5):422-430.
1934	43.30	124.48	maize	1.41	7.60	13.23	1.40	21.72	20.20	529.50	730.50	165.00	2.30	Gao H J. et al. (2017). Emission characteristics of greenhouse gas from maize field of black soil region under long-term fertilization. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 34(5):422-430.
1935	43.30	124.48	maize	1.41	7.60	13.23	1.40	21.72	20.20	529.50	730.50	215.00	1.33	Gao H J. et al. (2017). Emission characteristics of greenhouse gas from maize field of black soil region under long-term fertilization. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 34(5):422-430.
1936	45.49	126.48	maize	1.48	6.85	16.65	1.14	43.00	19.90	489.00	963.00	0.00	0.21	Jiang H M. et al. (2017). Effects of combined application of nitrogen from different source on nitrogen utilization of spring maize and sustainability of soil fertility in Northeast China. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 23(4):933-941.
1937	45.49	126.48	maize	1.48	6.85	16.65	1.14	43.00	19.90	489.00	963.00	165.00	0.82	Jiang H M. et al. (2017). Effects of combined application of nitrogen from different source on nitrogen utilization of spring maize and sustainability of soil fertility in Northeast China. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 23(4):933-941.
1938	45.49	126.48	maize	1.48	6.85	16.65	1.14	43.00	19.90	489.00	963.00	165.00	0.38	Jiang H M. et al. (2017). Effects of combined application of nitrogen from different source on nitrogen utilization of spring maize and sustainability of soil fertility in Northeast China. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 23(4):933-941.
1939	43.56	126.28	maize	1.36	6.57	11.37	1.21	45.00	17.17	847.98	844.35	0.00	0.46	Lu Y J. et al. (2016). Effects of soil straw return and nitrogen on spring maize yield, greenhouse gas emission and soil enzyme activity in black soils. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 24(11):1456−1463.
1940	43.56	126.28	maize	1.36	6.57	11.37	1.21	45.00	17.17	847.98	844.35	120.00	1.28	Lu Y J. et al. (2016). Effects of soil straw return and nitrogen on spring maize yield, greenhouse gas emission and soil enzyme activity in black soils. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 24(11):1456−1463.
1941	43.56	126.28	maize	1.36	6.57	11.37	1.21	45.00	17.17	847.98	844.35	240.00	3.20	Lu Y J. et al. (2016). Effects of soil straw return and nitrogen on spring maize yield, greenhouse gas emission and soil enzyme activity in black soils. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 24(11):1456−1463.
1942	43.56	126.28	maize	1.36	6.57	11.37	1.21	45.00	17.17	847.98	844.35	300.00	3.72	Lu Y J. et al. (2016). Effects of soil straw return and nitrogen on spring maize yield, greenhouse gas emission and soil enzyme activity in black soils. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 24(11):1456−1463.
1943	41.15	121.35	maize	1.40	7.12	13.17	1.41	21.29	21.40	508.50	979.50	0.00	0.82	Liu H Y. (2016). Quantitative assessment on effects of N application on maize with integrated evaluation index. (in Chinese with English abstract). Soil and Fertilizer Sciences in China. (6):106–110.
1944	41.15	121.35	maize	1.40	7.12	13.17	1.41	21.29	21.40	508.50	979.50	263.30	1.43	Liu H Y. (2016). Quantitative assessment on effects of N application on maize with integrated evaluation index. (in Chinese with English abstract). Soil and Fertilizer Sciences in China. (6):106–110.
1945	41.15	121.35	maize	1.40	7.12	13.17	1.41	21.29	21.40	508.50	979.50	210.00	1.29	Liu H Y. (2016). Quantitative assessment on effects of N application on maize with integrated evaluation index. (in Chinese with English abstract). Soil and Fertilizer Sciences in China. (6):106–110.
1946	41.15	121.35	maize	1.40	7.12	13.17	1.41	21.29	21.40	508.50	979.50	250.00	1.50	Liu H Y. (2016). Quantitative assessment on effects of N application on maize with integrated evaluation index. (in Chinese with English abstract). Soil and Fertilizer Sciences in China. (6):106–110.
1947	40.26	106.34	maize	1.37	8.20	7.42	0.80	23.00	19.90	61.50	732.00	0.00	0.36	Wu Y. et al. (2018). Effects of three soil amendments on greenhouse gas emissions from corn fields in the Hetao irrigation district. (in Chinese with English abstract). Environmental Science. 39(1):310-320.
1948	40.26	106.34	maize	1.37	8.20	7.42	0.80	23.00	19.90	61.50	732.00	487.50	5.52	Wu Y. et al. (2018). Effects of three soil amendments on greenhouse gas emissions from corn fields in the Hetao irrigation district. (in Chinese with English abstract). Environmental Science. 39(1):310-320.
1949	38.80	115.47	maize	1.60	8.50	8.00	0.89	9.00	24.40	290.40	571.20	0.00	0.20	Wei S S. et al. (2016). Effects of nitrapyrin-nitrogen (N) fertilizer application rates on N utilization and N2O emission in summer maize field. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(4):1163-1168.
1950	38.80	115.47	maize	1.60	8.50	8.00	0.89	9.00	24.40	290.40	571.20	180.00	0.74	Wei S S. et al. (2016). Effects of nitrapyrin-nitrogen (N) fertilizer application rates on N utilization and N2O emission in summer maize field. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(4):1163-1168.
1951	38.80	115.47	maize	1.60	8.50	8.00	0.89	9.00	24.40	290.40	571.20	270.00	1.18	Wei S S. et al. (2016). Effects of nitrapyrin-nitrogen (N) fertilizer application rates on N utilization and N2O emission in summer maize field. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(4):1163-1168.
1952	38.80	115.47	maize	1.60	8.50	8.00	0.89	9.00	24.40	290.40	571.20	360.00	1.86	Wei S S. et al. (2016). Effects of nitrapyrin-nitrogen (N) fertilizer application rates on N utilization and N2O emission in summer maize field. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(4):1163-1168.
1953	38.80	115.47	maize	1.40	8.30	7.83	0.87	9.00	24.30	580.80	571.20	0.00	0.20	Wang Y Q. et al. Nitrogen fertilizers application combined with N conversion control additives reducing N2O emissions under summer maize-winter wheat cropping system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(6):184-191.
1954	38.80	115.47	maize	1.40	8.30	7.83	0.87	9.00	24.30	580.80	571.20	392.00	2.48	Wang Y Q. et al. Nitrogen fertilizers application combined with N conversion control additives reducing N2O emissions under summer maize-winter wheat cropping system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(6):184-191.
1955	38.80	115.47	maize	1.40	8.30	7.83	0.87	9.00	24.30	580.80	571.20	300.00	1.38	Wang Y Q. et al. Nitrogen fertilizers application combined with N conversion control additives reducing N2O emissions under summer maize-winter wheat cropping system. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 33(6):184-191.
1956	30.05	104.34	maize	1.40	7.90	5.74	0.53	37.00	17.25	644.10	755.62	0.00	0.08	Liu H T. et al. (2016). Effects of different cultivation and mulching methods on nitrous oxide emission in slope purple soil. (in Chinese with English abstract). Southwest China Journal of Agricultural Sciences. 29(7):1579-1583.
1957	30.05	104.34	maize	1.40	7.90	5.74	0.53	37.00	17.25	644.10	755.62	300.00	0.21	Liu H T. et al. (2016). Effects of different cultivation and mulching methods on nitrous oxide emission in slope purple soil. (in Chinese with English abstract). Southwest China Journal of Agricultural Sciences. 29(7):1579-1583.
1958	30.05	104.34	maize	1.40	7.90	5.74	0.53	37.00	17.25	644.10	755.62	300.00	0.36	Liu H T. et al. (2016). Effects of different cultivation and mulching methods on nitrous oxide emission in slope purple soil. (in Chinese with English abstract). Southwest China Journal of Agricultural Sciences. 29(7):1579-1583.
1959	30.05	104.34	maize	1.40	7.90	5.74	0.53	37.00	17.25	644.10	755.62	300.00	0.36	Liu H T. et al. (2016). Effects of different cultivation and mulching methods on nitrous oxide emission in slope purple soil. (in Chinese with English abstract). Southwest China Journal of Agricultural Sciences. 29(7):1579-1583.
1960	30.05	104.34	maize	1.40	7.90	5.74	0.53	37.00	17.25	644.10	755.62	300.00	0.24	Liu H T. et al. (2016). Effects of different cultivation and mulching methods on nitrous oxide emission in slope purple soil. (in Chinese with English abstract). Southwest China Journal of Agricultural Sciences. 29(7):1579-1583.
1961	30.05	104.34	maize	1.40	7.90	5.74	0.53	37.00	17.25	644.10	755.62	300.00	0.46	Liu H T. et al. (2016). Effects of different cultivation and mulching methods on nitrous oxide emission in slope purple soil. (in Chinese with English abstract). Southwest China Journal of Agricultural Sciences. 29(7):1579-1583.
1962	30.05	104.34	maize	1.40	7.90	5.74	0.53	37.00	17.25	644.10	755.62	300.00	0.41	Liu H T. et al. (2016). Effects of different cultivation and mulching methods on nitrous oxide emission in slope purple soil. (in Chinese with English abstract). Southwest China Journal of Agricultural Sciences. 29(7):1579-1583.
1963	43.29	124.45	maize	1.40	5.74	10.96	0.95	22.52	20.20	417.00	942.00	0.00	0.10	Han W J. et al. (2016). Study on the effect of new-type fertilizer application on spring maize production and its environmental impact in black soil area. (in Chinese with English abstract). Journal of Soil and Water Conservation. 30(2):307-311
1964	43.29	124.45	maize	1.40	5.74	10.96	0.95	22.52	20.20	417.00	942.00	224.00	0.92	Han W J. et al. (2016). Study on the effect of new-type fertilizer application on spring maize production and its environmental impact in black soil area. (in Chinese with English abstract). Journal of Soil and Water Conservation. 30(2):307-311
1965	43.29	124.45	maize	1.40	5.74	10.96	0.95	22.52	20.20	417.00	942.00	224.00	0.95	Han W J. et al. (2016). Study on the effect of new-type fertilizer application on spring maize production and its environmental impact in black soil area. (in Chinese with English abstract). Journal of Soil and Water Conservation. 30(2):307-311
1966	43.29	124.45	maize	1.40	5.74	10.96	0.95	22.52	20.20	417.00	942.00	224.00	0.93	Han W J. et al. (2016). Study on the effect of new-type fertilizer application on spring maize production and its environmental impact in black soil area. (in Chinese with English abstract). Journal of Soil and Water Conservation. 30(2):307-311
1967	43.29	124.45	maize	1.40	5.74	10.96	0.95	22.52	20.08	644.10	755.62	0.00	1.07	Han W J. et al. (2016). Study on the effect of new-type fertilizer application on spring maize production and its environmental impact in black soil area. (in Chinese with English abstract). Journal of Soil and Water Conservation. 30(2):307-311
1968	35.30	113.92	maize	1.37	8.05	8.45	1.08	25.50	12.29	334.80	880.20	225.00	6.23	Han J M. et al. (2016). Contrasting effect of straw return and its biochar on changes in crop yield and integrated global warming effects under different nitrogen levels. (in Chinese with English abstract). Journal of Nanjing Agricultural University. 39(6):986-995.
1969	35.30	113.92	maize	1.37	8.05	8.45	1.08	25.50	12.29	334.80	880.20	205.50	6.13	Han J M. et al. (2016). Contrasting effect of straw return and its biochar on changes in crop yield and integrated global warming effects under different nitrogen levels. (in Chinese with English abstract). Journal of Nanjing Agricultural University. 39(6):986-995.
1970	35.30	113.92	maize	1.37	8.05	8.45	1.08	25.50	12.29	334.80	880.20	180.00	3.83	Han J M. et al. (2016). Contrasting effect of straw return and its biochar on changes in crop yield and integrated global warming effects under different nitrogen levels. (in Chinese with English abstract). Journal of Nanjing Agricultural University. 39(6):986-995.
1971	34.17	108.04	maize	1.44	8.40	8.15	0.90	17.00	22.80	508.50	774.00	0.00	0.18	Cheng G. et al. (2017). Comparative analysis on effect of wheat straw and its biochar amendment on net global warming potential under wheat-maize rotation ecosystem in the Guanzhong Plain. (in Chinese with English abstract). Environmental Science. 38(2):792-801.
1972	34.17	108.04	maize	1.44	8.40	8.15	0.90	17.00	22.80	508.50	774.00	225.00	0.71	Cheng G. et al. (2017). Comparative analysis on effect of wheat straw and its biochar amendment on net global warming potential under wheat-maize rotation ecosystem in the Guanzhong Plain. (in Chinese with English abstract). Environmental Science. 38(2):792-801.
1973	34.17	108.04	maize	1.44	8.40	8.15	0.90	17.00	22.80	508.50	774.00	225.00	0.76	Cheng G. et al. (2017). Comparative analysis on effect of wheat straw and its biochar amendment on net global warming potential under wheat-maize rotation ecosystem in the Guanzhong Plain. (in Chinese with English abstract). Environmental Science. 38(2):792-801.
1974	30.05	104.34	maize	1.40	7.90	5.34	0.53	37.00	17.25	644.10	755.62	0.00	0.02	Lin C W. et al. (2016). Effects of applying controlled release nitrogen on nitrous oxide emission in slope purple soil. (in Chinese with English abstract). Southwest China Journal of Agricultural Sciences. 29(10):2427-2431.
1975	30.05	104.34	maize	1.40	7.90	5.34	0.53	37.00	17.25	644.10	755.62	300.00	0.05	Lin C W. et al. (2016). Effects of applying controlled release nitrogen on nitrous oxide emission in slope purple soil. (in Chinese with English abstract). Southwest China Journal of Agricultural Sciences. 29(10):2427-2431.
1976	30.05	104.34	maize	1.40	7.90	5.34	0.53	37.00	17.25	644.10	755.62	300.00	0.22	Lin C W. et al. (2016). Effects of applying controlled release nitrogen on nitrous oxide emission in slope purple soil. (in Chinese with English abstract). Southwest China Journal of Agricultural Sciences. 29(10):2427-2431.
1977	36.11	117.08	maize	1.43	6.99	9.83	0.16	21.24	24.30	512.40	730.80	0.00	0.58	Zhang J. et al. (2017). Effect of controlled-release fertilization on nitrous oxide emission: a case study of a wheat-maize rotation system in the North China Plain. (in Chinese with English abstract). Acta Ecologica Sinica. 37(22):7624-7635.
1978	36.11	117.08	maize	1.43	6.99	9.83	0.16	21.24	24.30	512.40	730.80	240.00	1.28	Zhang J. et al. (2017). Effect of controlled-release fertilization on nitrous oxide emission: a case study of a wheat-maize rotation system in the North China Plain. (in Chinese with English abstract). Acta Ecologica Sinica. 37(22):7624-7635.
1979	41.82	123.56	maize	1.21	7.60	10.92	0.98	22.06	21.30	394.50	988.50	0.00	0.11	Cheng X Y. et al. (2016). Effects of biochar on NH3 volatilization，N2O emission and nitrogen fertilizer use efficiency in brown soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(4):801-807.
1980	41.82	123.56	maize	1.21	7.60	10.92	0.98	22.06	21.30	394.50	988.50	160.00	0.23	Cheng X Y. et al. (2016). Effects of biochar on NH3 volatilization，N2O emission and nitrogen fertilizer use efficiency in brown soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(4):801-807.
1981	39.71	116.04	maize	1.36	8.30	9.22	0.09	19.76	22.50	525.60	795.60	0.00	0.17	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1982	39.71	116.04	maize	1.36	8.30	9.22	0.09	19.76	22.50	525.60	795.60	50.00	0.49	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1983	39.71	116.04	maize	1.36	8.30	9.22	0.09	19.76	22.50	525.60	795.60	100.00	0.76	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1984	39.71	116.04	maize	1.36	8.30	9.22	0.09	19.76	22.50	525.60	795.60	150.00	0.94	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1985	39.71	116.04	maize	1.36	8.30	9.22	0.09	19.76	22.50	525.60	795.60	200.00	1.16	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1986	39.71	116.04	maize	1.36	8.30	9.22	0.09	19.76	22.50	525.60	795.60	250.00	1.48	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1987	39.71	116.04	maize	1.36	8.30	9.22	0.09	19.76	22.50	525.60	795.60	300.00	1.78	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1988	39.71	116.04	maize	1.36	8.30	9.22	0.09	19.76	22.50	525.60	795.60	400.00	2.35	Shan N. et al. (2016). Suitable nitrogen application reducing N2O emission and improving grain yield in wheat-maize crop rotation system in Beijing suburb. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 32(22):163-170.
1989	34.17	108.00	maize	1.40	8.40	8.76	0.90	17.00	22.80	345.00	774.00	0.00	0.15	Hou M M. et al. (2018). Effect of Organic Manure Substitution of Synthetic Nitrogen on Crop Yield and N_2O Emission in the Winter Wheat-Summer Maize Rotation System. (in Chinese with English abstract). Environmental Science. 39(1):321-330.
1990	34.17	108.00	maize	1.40	8.40	8.76	0.90	17.00	22.80	345.00	774.00	180.00	0.83	Hou M M. et al. (2018). Effect of Organic Manure Substitution of Synthetic Nitrogen on Crop Yield and N_2O Emission in the Winter Wheat-Summer Maize Rotation System. (in Chinese with English abstract). Environmental Science. 39(1):321-330.
1991	34.17	108.00	maize	1.40	8.40	8.76	0.90	17.00	22.80	345.00	774.00	135.00	0.90	Hou M M. et al. (2018). Effect of Organic Manure Substitution of Synthetic Nitrogen on Crop Yield and N_2O Emission in the Winter Wheat-Summer Maize Rotation System. (in Chinese with English abstract). Environmental Science. 39(1):321-330.
1992	34.17	108.00	maize	1.40	8.40	8.76	0.90	17.00	22.80	345.00	774.00	90.00	1.34	Hou M M. et al. (2018). Effect of Organic Manure Substitution of Synthetic Nitrogen on Crop Yield and N_2O Emission in the Winter Wheat-Summer Maize Rotation System. (in Chinese with English abstract). Environmental Science. 39(1):321-330.
1993	34.17	108.00	maize	1.40	8.40	8.76	0.90	17.00	22.80	345.00	774.00	45.00	0.48	Hou M M. et al. (2018). Effect of Organic Manure Substitution of Synthetic Nitrogen on Crop Yield and N_2O Emission in the Winter Wheat-Summer Maize Rotation System. (in Chinese with English abstract). Environmental Science. 39(1):321-330.
1994	34.17	108.00	maize	1.40	8.40	7.30	0.90	17.00	22.80	345.00	774.00	0.00	0.00	HAO Y X. et al. (2017). Effects of long-term organic amendments on soil N2O emissions from winter wheat-maize cropping systems in the Guanzhong Plain. Environmental Science. (in Chinese with English abstract). 38(6):2586-2593.
1995	34.17	108.00	maize	1.40	8.40	7.30	0.90	17.00	22.80	345.00	774.00	188.00	1.27	HAO Y X. et al. (2017). Effects of long-term organic amendments on soil N2O emissions from winter wheat-maize cropping systems in the Guanzhong Plain. Environmental Science. (in Chinese with English abstract). 38(6):2586-2593.
1996	34.17	108.00	maize	1.40	8.40	7.30	0.90	17.00	22.80	345.00	774.00	188.00	1.27	HAO Y X. et al. (2017). Effects of long-term organic amendments on soil N2O emissions from winter wheat-maize cropping systems in the Guanzhong Plain. Environmental Science. (in Chinese with English abstract). 38(6):2586-2593.
1997	34.17	108.00	maize	1.40	8.40	7.30	0.90	17.00	22.80	345.00	774.00	188.00	1.59	HAO Y X. et al. (2017). Effects of long-term organic amendments on soil N2O emissions from winter wheat-maize cropping systems in the Guanzhong Plain. Environmental Science. (in Chinese with English abstract). 38(6):2586-2593.
1998	35.28	107.88	maize	1.30	8.40	6.50	0.80	22.00	20.70	439.50	493.50	0.00	0.52	Jiang J. et al. (2017). Nitrous Oxide and Methane Emissions in Spring Maize Field in the Semi - Arid Regions of Loess Plateau. CLEAN–Soil, Air, Water. 45(1).
1999	35.28	107.88	maize	1.30	8.40	6.50	0.80	22.00	20.70	439.50	493.50	200.00	1.42	Jiang J. et al. (2017). Nitrous Oxide and Methane Emissions in Spring Maize Field in the Semi - Arid Regions of Loess Plateau. CLEAN–Soil, Air, Water. 45(1).
2000	35.28	107.88	maize	1.30	8.40	6.50	0.80	22.00	20.70	439.50	493.50	160.00	1.01	Jiang J. et al. (2017). Nitrous Oxide and Methane Emissions in Spring Maize Field in the Semi - Arid Regions of Loess Plateau. CLEAN–Soil, Air, Water. 45(1).
2001	35.28	107.88	maize	1.30	8.40	6.50	0.80	22.00	19.70	436.50	493.50	0.00	0.39	Jiang J. et al. (2017). Nitrous Oxide and Methane Emissions in Spring Maize Field in the Semi - Arid Regions of Loess Plateau. CLEAN–Soil, Air, Water. 45(1).
2002	35.28	107.88	maize	1.30	8.40	6.50	0.80	22.00	19.70	436.50	493.50	200.00	1.28	Jiang J. et al. (2017). Nitrous Oxide and Methane Emissions in Spring Maize Field in the Semi - Arid Regions of Loess Plateau. CLEAN–Soil, Air, Water. 45(1).
2003	35.28	107.88	maize	1.30	8.40	6.50	0.80	22.00	19.70	436.50	493.50	160.00	0.90	Jiang J. et al. (2017). Nitrous Oxide and Methane Emissions in Spring Maize Field in the Semi - Arid Regions of Loess Plateau. CLEAN–Soil, Air, Water. 45(1).
2004	36.51	117.50	maize	1.50	5.40	6.00	0.80	4.00	24.70	414.00	776.40	0.00	0.45	Nyamadzawo G. et al. (2017). Combining organic and inorganic nitrogen fertilisation reduces N2O emissions from cereal crops: a comparative analysis of China and Zimbabwe. Mitigation & Adaptation Strategies for Global Change. 22(2):233-245.
2005	36.51	117.50	maize	1.50	5.40	6.00	0.80	4.00	24.70	414.00	776.40	300.00	1.26	Nyamadzawo G. et al. (2017). Combining organic and inorganic nitrogen fertilisation reduces N2O emissions from cereal crops: a comparative analysis of China and Zimbabwe. Mitigation & Adaptation Strategies for Global Change. 22(2):233-245.
2006	36.51	117.50	maize	1.50	5.40	6.00	0.80	4.00	24.70	414.00	776.40	118.00	0.82	Nyamadzawo G. et al. (2017). Combining organic and inorganic nitrogen fertilisation reduces N2O emissions from cereal crops: a comparative analysis of China and Zimbabwe. Mitigation & Adaptation Strategies for Global Change. 22(2):233-245.
2007	36.51	117.50	maize	1.50	5.40	6.00	0.80	4.00	24.70	414.00	776.40	188.00	0.84	Nyamadzawo G. et al. (2017). Combining organic and inorganic nitrogen fertilisation reduces N2O emissions from cereal crops: a comparative analysis of China and Zimbabwe. Mitigation & Adaptation Strategies for Global Change. 22(2):233-245.
2008	36.51	117.50	maize	1.50	5.40	6.00	0.80	4.00	24.70	414.00	776.40	194.00	0.72	Nyamadzawo G. et al. (2017). Combining organic and inorganic nitrogen fertilisation reduces N2O emissions from cereal crops: a comparative analysis of China and Zimbabwe. Mitigation & Adaptation Strategies for Global Change. 22(2):233-245.
2009	44.32	125.42	maize	1.37	7.44	19.70	2.62	25.23	20.00	318.00	1059.00	0.00	2.42	Yan L. et al. (2016). Effects of improving nitrogen management on nitrogen utilization, nitrogen balance, and reactive nitrogen losses in a Mollisol with maize monoculture in Northeast China. Environmental Science & Pollution Research. 23(5):4576-4584.
2010	44.32	125.42	maize	1.37	7.44	20.70	2.62	25.23	20.00	318.00	1059.00	250.00	4.26	Yan L. et al. (2016). Effects of improving nitrogen management on nitrogen utilization, nitrogen balance, and reactive nitrogen losses in a Mollisol with maize monoculture in Northeast China. Environmental Science & Pollution Research. 23(5):4576-4584.

2011	44.32	125.42	maize	1.37	7.44	21.70	2.62	25.23	20.00	318.00	1059.00	175.00	6.62	Yan L. et al. (2016). Effects of improving nitrogen management on nitrogen utilization, nitrogen balance, and reactive nitrogen losses in a Mollisol with maize monoculture in Northeast China. Environmental Science & Pollution Research. 23(5):4576-4584.
2012	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.60	562.80	792.00	0.00	0.10	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2013	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.60	562.80	792.00	212.00	1.10	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2014	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.60	562.80	792.00	260.00	1.79	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2015	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.30	648.00	656.40	0.00	0.17	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2016	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.30	648.00	656.40	130.00	0.74	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2017	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.30	648.00	656.40	260.00	1.99	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2018	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.50	480.00	792.00	0.00	0.14	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2019	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.50	480.00	792.00	130.00	0.40	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2020	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.50	480.00	792.00	260.00	0.62	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2021	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.50	480.00	792.00	0.00	0.19	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2022	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.50	480.00	792.00	159.00	1.17	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2023	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.50	480.00	792.00	260.00	2.71	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2024	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.50	480.00	792.00	0.00	0.22	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2025	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.50	480.00	792.00	130.00	1.24	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2026	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.50	480.00	792.00	260.00	2.39	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2027	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.50	480.00	792.00	0.00	0.17	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2028	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.50	480.00	792.00	130.00	0.50	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2029	39.48	116.28	maize	1.31	8.10	7.10	0.80	28.00	23.50	480.00	792.00	260.00	0.71	Huang T. et al. (2017). Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. Field Crops Research. 204: 1-11.
2030	35.00	114.24	maize	1.51	8.80	7.40	0.85	16.20	25.30	446.40	573.60	0.00	0.57	Niu Y. et al. (2017). Yield-scaled N2O emissions were effectively reduced by biochar amendment of sandy loam soil under maize-wheat rotation in the North China Plain. Atmospheric environment. 170: 58-70.
2031	35.00	114.24	maize	1.51	8.80	7.40	0.85	16.20	25.30	446.40	573.60	200.00	3.30	Niu Y. et al. (2017). Yield-scaled N2O emissions were effectively reduced by biochar amendment of sandy loam soil under maize-wheat rotation in the North China Plain. Atmospheric environment. 170: 58-70.
2032	39.58	116.59	maize	1.48	8.80	0.70	0.75	16.27	24.90	402.00	808.80	0.00	0.47	Li H R. et al. (2018). Effect of different irrigation and fertilization managements on N2O emissions and yeild in summer maize-winter wheat field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 34(16):103–112.
2033	39.58	116.59	maize	1.48	8.80	0.70	0.75	16.27	24.90	402.00	808.80	405.50	3.87	Li H R. et al. (2018). Effect of different irrigation and fertilization managements on N2O emissions and yeild in summer maize-winter wheat field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 34(16):103–112.
2034	39.58	116.59	maize	1.48	8.80	0.70	0.75	16.27	24.90	402.00	808.80	205.50	1.20	Li H R. et al. (2018). Effect of different irrigation and fertilization managements on N2O emissions and yeild in summer maize-winter wheat field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 34(16):
2035	39.58	116.59	maize	1.48	8.80	0.70	0.75	16.27	24.90	402.00	808.80	205.50	1.26	Li H R. et al. (2018). Effect of different irrigation and fertilization managements on N2O emissions and yeild in summer maize-winter wheat field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 34(16):
2036	39.58	116.59	maize	1.48	8.80	0.70	0.75	16.27	24.90	402.00	808.80	282.00	2.52	Li H R. et al. (2018). Effect of different irrigation and fertilization managements on N2O emissions and yeild in summer maize-winter wheat field. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 34(16):
2037	34.93	110.72	maize	1.44	8.30	7.27	0.95	34.09	10.08	226.80	985.50	0.00	0.48	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
2038	34.93	110.72	maize	1.44	8.30	7.27	0.95	34.09	10.08	226.80	985.50	180.00	1.32	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
2039	34.55	110.42	maize	1.44	8.30	8.78	0.95	18.00	23.30	424.50	984.00	120.00	3.73	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
2040	34.55	110.42	maize	1.44	8.30	8.78	0.95	18.00	23.30	424.50	984.00	210.00	2.96	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
2041	34.55	110.42	maize	1.44	8.30	8.78	0.95	18.00	23.30	424.50	984.00	250.00	3.17	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat-maize rotational cropping systems. Atmospheric Environment. 96(7):201-208.
2042	37.38	112.51	maize	1.33	8.50	9.45	1.79	16.15	20.60	448.80	765.60	0.00	0.25	Zhu Y C. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(7):1421-1428.
2043	37.38	112.51	maize	1.33	8.50	9.45	1.79	16.15	20.60	448.80	765.60	180.00	1.25	Zhu Y C. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(7):1421-1428.
2044	37.38	112.51	maize	1.33	8.50	9.45	1.79	16.15	21.20	285.60	363.60	0.00	0.15	Zhu Y C. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(7):1421-1428.
2045	37.38	112.51	maize	1.33	8.50	9.45	1.79	16.15	21.20	285.60	363.60	180.00	1.21	Zhu Y C. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(7):1421-1428.
2046	37.38	112.51	maize	1.33	8.50	9.45	1.79	16.15	19.90	410.40	338.40	0.00	0.34	Zhu Y C. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(7):1421-1428.
2047	37.38	112.51	maize	1.33	8.50	9.45	1.79	16.15	19.90	410.40	338.40	180.00	1.70	Zhu Y C. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(7):1421-1428.
2048	37.38	112.51	maize	1.33	8.50	9.45	1.79	16.15	19.90	410.40	338.40	0.00	0.51	Zhu Y C. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(7):1421-1428.
2049	37.38	112.51	maize	1.33	8.50	9.45	1.79	16.15	19.90	410.40	338.40	180.00	1.78	Zhu Y C. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(7):1421-1428.
2050	40.26	106.34	maize	1.37	8.30	8.47	0.62	23.00	19.90	61.50	732.00	0.00	0.40	Liu G. et al. (2019). Effect of optimized nitrogen application on nitrous oxide emission and ammonia volatilization in Hetao irrigation area. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 39(2):578-584.
2051	40.26	106.34	maize	1.37	8.30	8.47	0.62	23.00	19.90	61.50	732.00	375.00	5.44	Liu G. et al. (2019). Effect of optimized nitrogen application on nitrous oxide emission and ammonia volatilization in Hetao irrigation area. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 39(2):578-584.
2052	40.26	106.34	maize	1.37	8.30	8.47	0.62	23.00	19.90	61.50	732.00	175.00	2.98	Liu G. et al. (2019). Effect of optimized nitrogen application on nitrous oxide emission and ammonia volatilization in Hetao irrigation area. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 39(2):578-584.
2053	36.09	117.09	maize	1.43	7.15	7.47	0.95	21.24	25.88	443.00	735.60	0.00	0.48	Yang Q L. et al. (2018). Effects of combined application of manure and chemical fertilizers on loss of gaseous nitrogen and yield of summer maize. (in Chinese with English abstract). Scientia Agricultura Sinica. 51(13):2476-2488.
2054	36.09	117.09	maize	1.43	7.15	7.43	0.95	21.24	25.88	443.00	735.60	200.00	1.17	Yang Q L. et al. (2018). Effects of combined application of manure and chemical fertilizers on loss of gaseous nitrogen and yield of summer maize. (in Chinese with English abstract). Scientia Agricultura Sinica. 51(13):2476-2488.
2055	36.09	117.09	maize	1.43	7.15	7.10	0.95	21.24	26.60	357.50	626.40	0.00	0.20	Yang Q L. et al. (2018). Effects of combined application of manure and chemical fertilizers on loss of gaseous nitrogen and yield of summer maize. (in Chinese with English abstract). Scientia Agricultura Sinica. 51(13):2476-2488.
2056	36.09	117.09	maize	1.43	7.15	7.97	0.95	21.24	26.60	357.50	626.40	200.00	1.11	Yang Q L. et al. (2018). Effects of combined application of manure and chemical fertilizers on loss of gaseous nitrogen and yield of summer maize. (in Chinese with English abstract). Scientia Agricultura Sinica. 51(13):2476-2488.
2057	41.15	121.35	maize	1.40	7.12	13.17	1.41	21.29	21.40	508.50	979.50	0.00	0.82	Liu H Y. et al. (2016). Quantitative assessment on effects of N application on maize with integrated evaluation index. (in Chinese with English abstract). Soil and Fertilizer Sciences in China. (6):106–110.
2058	41.15	121.35	maize	1.40	7.12	13.17	1.41	21.29	21.40	508.50	979.50	263.30	1.43	Liu H Y. et al. (2016). Quantitative assessment on effects of N application on maize with integrated evaluation index. (in Chinese with English abstract). Soil and Fertilizer Sciences in China. (6):106–110.
2059	41.15	121.35	maize	1.40	7.12	13.17	1.41	21.29	21.40	508.50	979.50	210.00	1.29	Liu H Y. et al. (2016). Quantitative assessment on effects of N application on maize with integrated evaluation index. (in Chinese with English abstract). Soil and Fertilizer Sciences in China. (6):106–110.
2060	43.34	124.53	maize	1.37	5.45	14.90	1.37	21.72	19.80	478.50	943.50	0.00	0.28	Song Z X. (2018). Study on the ecological environment effect of controlled release fertilizer application in spring maize in black soil region of northeast China. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
2061	43.34	124.53	maize	1.37	5.45	14.90	1.37	21.72	19.80	478.50	943.50	180.00	0.69	Song Z X. (2018). Study on the ecological environment effect of controlled release fertilizer application in spring maize in black soil region of northeast China. (in Chinese with English abstract). Chinese Academy of Agricultural Sciences. (Beijing, China)
2062	34.36	108.52	maize	1.40	8.00	4.89	0.85	17.00	22.80	345.00	774.00	0.00	0.13	Liu L. (2018). Effect of plastic-covered ridge and furrow rainwater harvesting systems and nitrogen feitilizer application on N2O emission and water and fertilizer use efficiency of spring maize. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2063	34.36	108.52	maize	1.40	8.00	4.89	0.85	17.00	22.80	345.00	774.00	225.00	0.93	Liu L. (2018). Effect of plastic-covered ridge and furrow rainwater harvesting systems and nitrogen feitilizer application on N2O emission and water and fertilizer use efficiency of spring maize. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2064	34.36	108.52	maize	1.40	8.00	4.89	0.85	17.00	22.80	345.00	774.00	225.00	0.65	Liu L. (2018). Effect of plastic-covered ridge and furrow rainwater harvesting systems and nitrogen feitilizer application on N2O emission and water and fertilizer use efficiency of spring maize. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2065	34.36	108.52	maize	1.40	8.00	4.89	0.85	17.00	22.80	345.00	774.00	0.00	0.12	Liu L. (2018). Effect of plastic-covered ridge and furrow rainwater harvesting systems and nitrogen feitilizer application on N2O emission and water and fertilizer use efficiency of spring maize. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2066	34.36	108.52	maize	1.40	8.00	4.89	0.85	17.00	22.80	345.00	774.00	225.00	0.96	Liu L. (2018). Effect of plastic-covered ridge and furrow rainwater harvesting systems and nitrogen feitilizer application on N2O emission and water and fertilizer use efficiency of spring maize. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2067	34.36	108.52	maize	1.40	8.00	4.89	0.85	17.00	22.80	345.00	774.00	135.00	0.71	Liu L. (2018). Effect of plastic-covered ridge and furrow rainwater harvesting systems and nitrogen feitilizer application on N2O emission and water and fertilizer use efficiency of spring maize. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2068	34.36	108.52	maize	1.40	8.00	4.89	0.85	17.00	22.80	345.00	774.00	0.00	0.18	Liu L. (2018). Effect of plastic-covered ridge and furrow rainwater harvesting systems and nitrogen feitilizer application on N2O emission and water and fertilizer use efficiency of spring maize. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2069	34.36	108.52	maize	1.40	8.00	4.89	0.85	17.00	22.80	345.00	774.00	225.00	0.43	Liu L. (2018). Effect of plastic-covered ridge and furrow rainwater harvesting systems and nitrogen feitilizer application on N2O emission and water and fertilizer use efficiency of spring maize. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2070	34.36	108.52	maize	1.40	8.00	4.89	0.85	17.00	22.80	345.00	774.00	225.00	0.55	Liu L. (2018). Effect of plastic-covered ridge and furrow rainwater harvesting systems and nitrogen feitilizer application on N2O emission and water and fertilizer use efficiency of spring maize. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2071	34.36	108.52	maize	1.40	8.00	4.89	0.85	17.00	22.80	345.00	774.00	0.00	0.19	Liu L. (2018). Effect of plastic-covered ridge and furrow rainwater harvesting systems and nitrogen feitilizer application on N2O emission and water and fertilizer use efficiency of spring maize. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2072	34.36	108.52	maize	1.40	8.00	4.89	0.85	17.00	22.80	345.00	774.00	225.00	0.54	Liu L. (2018). Effect of plastic-covered ridge and furrow rainwater harvesting systems and nitrogen feitilizer application on N2O emission and water and fertilizer use efficiency of spring maize. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2073	34.36	108.52	maize	1.40	8.00	4.89	0.85	17.00	22.80	345.00	774.00	225.00	0.69	Liu L. (2018). Effect of plastic-covered ridge and furrow rainwater harvesting systems and nitrogen feitilizer application on N2O emission and water and fertilizer use efficiency of spring maize. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2074	26.52	107.06	maize	1.34	7.30	23.20	1.63	32.23	20.60	747.60	540.00	0.00	0.12	Jinag Y. (2018). Effects of nitrogen cycle character on corn and tobacco crop rotation system in Guizhou yellow soil. (in Chinese with English abstract). Doctor dissertation of Heilongjiang Bayi Agricultural University. (Daqing, China)
2075	26.52	107.06	maize	1.34	7.30	23.20	1.63	32.23	20.60	747.60	540.00	120.00	0.18	Jinag Y. (2018). Effects of nitrogen cycle character on corn and tobacco crop rotation system in Guizhou yellow soil. (in Chinese with English abstract). Doctor dissertation of Heilongjiang Bayi Agricultural University. (Daqing, China)
2076	26.52	107.06	maize	1.34	7.30	23.20	1.63	32.23	20.60	747.60	540.00	120.00	1.16	Jinag Y. (2018). Effects of nitrogen cycle character on corn and tobacco crop rotation system in Guizhou yellow soil. (in Chinese with English abstract). Doctor dissertation of Heilongjiang Bayi Agricultural University. (Daqing, China)
2077	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	26.20	627.60	764.40	0.00	0.27	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2078	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	26.20	627.60	764.40	225.00	2.58	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2079	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	26.20	627.60	764.40	345.00	4.67	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2080	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	26.20	627.60	764.40	0.00	0.42	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2081	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	26.20	627.60	764.40	225.00	1.88	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2082	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	26.20	627.60	764.40	345.00	3.58	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2083	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.00	302.40	764.40	0.00	0.21	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2084	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.00	302.40	764.40	225.00	2.82	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2085	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.00	302.40	764.40	345.00	3.27	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2086	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.00	302.40	764.40	0.00	0.21	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2087	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.00	302.40	764.40	225.00	1.21	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2088	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.00	302.40	764.40	345.00	1.39	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2089	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.50	417.60	764.40	0.00	0.30	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2090	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.50	417.60	764.40	225.00	2.15	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2091	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.50	417.60	764.40	345.00	2.45	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2092	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.50	417.60	764.40	0.00	0.51	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2093	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.50	417.60	764.40	225.00	1.42	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2094	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.50	417.60	764.40	345.00	1.36	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2095	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.50	417.60	764.40	0.00	0.33	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2096	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.50	417.60	764.40	225.00	2.03	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2097	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.50	417.60	764.40	345.00	2.79	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2098	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.50	417.60	764.40	0.00	0.30	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2099	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.50	417.60	764.40	225.00	2.00	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2100	36.51	117.50	maize	1.44	7.71	10.09	0.80	13.50	25.50	417.60	764.40	345.00	2.55	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen lossed under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). PhD dissertation of China Agriculture University. (Beijing, China)
2101	34.20	108.24	maize	1.38	8.40	6.97	0.89	17.00	23.30	424.50	901.50	0.00	0.27	Zhang B. (2018). Effects of water and fertilizer supply on soil N2O emissions in maize-wheat rotation system. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2102	34.20	108.24	maize	1.38	8.40	6.97	0.89	17.00	23.30	424.50	901.50	300.00	0.47	Zhang B. (2018). Effects of water and fertilizer supply on soil N2O emissions in maize-wheat rotation system. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2103	34.20	108.24	maize	1.38	8.40	6.97	0.89	17.00	23.30	424.50	901.50	210.00	0.28	Zhang B. (2018). Effects of water and fertilizer supply on soil N2O emissions in maize-wheat rotation system. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2104	34.20	108.24	maize	1.38	8.40	6.97	0.89	17.00	23.30	424.50	901.50	255.00	0.45	Zhang B. (2018). Effects of water and fertilizer supply on soil N2O emissions in maize-wheat rotation system. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2105	34.20	108.24	maize	1.38	8.40	6.97	0.89	17.00	23.30	424.50	901.50	300.00	0.31	Zhang B. (2018). Effects of water and fertilizer supply on soil N2O emissions in maize-wheat rotation system. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2106	34.20	108.24	maize	1.38	8.40	6.97	0.89	17.00	23.30	424.50	901.50	255.00	0.30	Zhang B. (2018). Effects of water and fertilizer supply on soil N2O emissions in maize-wheat rotation system. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)

2107	34.20	108.24	maize	1.38	8.40	6.97	0.89	17.00	23.30	424.50	901.50	210.00	0.15	Zhang B. (2018). Effects of water and fertilizer supply on soil N2O emissions in maize-wheat rotation system. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2108	34.20	108.24	maize	1.38	8.40	6.97	0.89	17.00	23.30	424.50	901.50	210.00	0.34	Zhang B. (2018). Effects of water and fertilizer supply on soil N2O emissions in maize-wheat rotation system. (in Chinese with English abstract). Master dissertation of Northwest Agriculture and Forestry University. (Xianyang, China)
2109	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	0.00	0.21	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2110	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	60.00	0.37	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2111	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	60.00	0.30	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2112	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	0.00	0.30	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2113	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	60.00	0.36	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2114	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	60.00	0.44	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2115	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	0.00	0.20	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2116	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	60.00	0.29	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2117	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	60.00	0.32	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2118	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	120.00	0.40	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2119	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	0.00	0.31	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2120	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	60.00	0.48	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2121	28.37	116.26	maize	1.25	6.00	9.39	0.98	23.05	24.80	1237.20	620.40	120.00	0.71	Afresh N. (2017). Impacts of soil fertility management on nitrogen use efficiency and greenhouse gas emissions in a double maize cropping system in Southern China. (in Chinese with English abstract). PhD dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
2122	36.09	117.09	maize	1.43	7.70	10.26	2.17	21.24	25.00	272.00	730.80	0.00	0.10	Jia X. (2017). Effects of mixed organic and inorganic N fertilizer on soil fertility and Nitrogen balance of summer maize. (in Chinese with English abstract). Master dissertation of Shandong Agricultral University. (Taian, China)
2123	36.09	117.09	maize	1.43	7.70	10.26	2.17	21.24	25.00	272.00	730.80	200.00	0.95	Jia X. (2017). Effects of mixed organic and inorganic N fertilizer on soil fertility and Nitrogen balance of summer maize. (in Chinese with English abstract). Master dissertation of Shandong Agricultral University. (Taian, China)
2124	47.58	133.52	maize	1.27	6.12	36.80	3.12	13.90	16.10	465.00	816.00	0.00	0.44	Song C. et al. (2009). Effects of soil moisture, temperature, and nitrogen fertilization on soil respiration and nitrous oxide emission during maize growth period in northeast China. Acta Agriculturae Scandinavica, Section B-Soil & Plant Science. 59(2): 97-106
2125	47.58	133.52	maize	1.27	6.12	36.80	3.12	13.90	16.10	465.00	816.00	150.00	2.00	Song C. et al. (2009). Effects of soil moisture, temperature, and nitrogen fertilization on soil respiration and nitrous oxide emission during maize growth period in northeast China. Acta Agriculturae Scandinavica, Section B-Soil & Plant Science. 59(2): 97-106
2126	47.58	133.52	maize	1.27	6.12	36.80	3.12	13.90	16.10	465.00	816.00	250.00	2.84	Song C. et al. (2009). Effects of soil moisture, temperature, and nitrogen fertilization on soil respiration and nitrous oxide emission during maize growth period in northeast China. Acta Agriculturae Scandinavica, Section B-Soil & Plant Science. 59(2): 97-106
2127	34.93	110.72	maize	1.17	8.70	11.30	1.10	31.80	23.30	424.50	984.00	0.00	1.01	Liu C. et al. (2012). Responses of N2O and CH4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9: 839-850
2128	34.93	110.72	maize	1.17	8.70	11.30	1.10	31.80	23.30	424.50	984.00	75.00	1.61	Liu C. et al. (2012). Responses of N2O and CH4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9: 839-850
2129	34.93	110.72	maize	1.17	8.70	11.30	1.10	31.80	23.30	424.50	984.00	150.00	2.00	Liu C. et al. (2012). Responses of N2O and CH4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9: 839-850
2130	34.93	110.72	maize	1.17	8.70	11.30	1.10	31.80	23.30	424.50	984.00	250.00	2.72	Liu C. et al. (2012). Responses of N2O and CH4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9: 839-850
2131	34.93	110.72	maize	1.17	8.70	11.30	1.10	31.80	23.30	424.50	984.00	350.00	4.21	Liu C. et al. (2012). Responses of N2O and CH4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9: 839-850
2132	34.93	110.72	maize	1.17	8.70	11.30	1.10	31.80	23.30	424.50	984.00	450.00	4.49	Liu C. et al. (2012). Responses of N2O and CH4 fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China. Biogeosciences. 9: 839-850
2133	47.45	126.92	maize	0.98	6.30	27.96	2.60	42.00	18.20	468.00	885.00	0.00	0.41	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
2134	47.45	126.92	maize	0.98	6.30	27.96	2.60	42.00	18.20	468.00	885.00	160.36	1.37	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
2135	31.27	105.47	maize	1.30	8.30	6.96	0.87	21.08	25.00	727.50	766.50	0.00	0.56	Xiang H. et al.(2007). Effects of nitrogen fertilizer application on N2O emission in purple soil and maize root system. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 27: 413-420
2136	31.27	105.47	maize	1.30	7.70	8.29	0.80	21.08	25.00	727.50	766.50	150.00	1.39	Xiang H. et al.(2007). Effects of nitrogen fertilizer application on N2O emission in purple soil and maize root system. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 27: 413-420
2137	31.27	105.47	maize	1.30	7.70	8.29	0.80	21.08	25.00	727.50	766.50	250.00	1.60	Xiang H. et al.(2007). Effects of nitrogen fertilizer application on N2O emission in purple soil and maize root system. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 27: 413-420
2138	26.75	111.88	maize	1.30	5.56	7.54	0.74	41.40	22.40	900.00	670.50	0.00	0.10	Huang J. et al. (2011). CO2 and N2O emissions from red soil during wheat and corn growing seasons under different patterns of long-term fertilization. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 27: 7-13
2139	26.75	111.88	maize	1.30	5.56	7.54	0.74	41.40	22.40	900.00	670.50	89.84	0.17	Huang J. et al. (2011). CO2 and N2O emissions from red soil during wheat and corn growing seasons under different patterns of long-term fertilization. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 27: 7-13
2140	26.75	111.88	maize	1.30	5.56	7.54	0.74	41.40	22.40	900.00	670.50	89.84	0.11	Huang J. et al. (2011). CO2 and N2O emissions from red soil during wheat and corn growing seasons under different patterns of long-term fertilization. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 27: 7-13
2141	26.75	111.88	maize	1.30	5.56	7.54	0.74	41.40	22.40	900.00	670.50	89.84	0.24	Huang J. et al. (2011). CO2 and N2O emissions from red soil during wheat and corn growing seasons under different patterns of long-term fertilization. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 27: 7-13
2142	37.63	112.85	maize	1.36	7.50	9.83	1.79	17.00	18.87	501.00	996.00	0.00	0.21	Liu Y. et al.(2011). Nitrous oxide emissions from spring-maize field under the application of different and phosphorus fertilizers. (in Chinese with English abstract). Journal of Agro-Environment Science. 30: 1468-1475
2143	37.63	112.85	maize	1.36	7.50	9.83	1.79	17.00	18.87	501.00	996.00	180.00	1.19	Liu Y. et al.(2011). Nitrous oxide emissions from spring-maize field under the application of different and phosphorus fertilizers. (in Chinese with English abstract). Journal of Agro-Environment Science. 30: 1468-1475
2144	37.63	112.85	maize	1.36	7.50	9.83	1.79	17.00	18.87	501.00	996.00	180.00	0.93	Liu Y. et al.(2011). Nitrous oxide emissions from spring-maize field under the application of different and phosphorus fertilizers. (in Chinese with English abstract). Journal of Agro-Environment Science. 30: 1468-1475
2145	37.63	112.85	maize	1.36	7.50	9.83	1.79	17.00	18.87	501.00	996.00	180.00	0.69	Liu Y. et al.(2011). Nitrous oxide emissions from spring-maize field under the application of different and phosphorus fertilizers. (in Chinese with English abstract). Journal of Agro-Environment Science. 30: 1468-1475
2146	31.62	120.47	maize	1.20	6.20	12.00	1.46	31.00	25.86	565.56	661.31	193.00	0.91	Zhang A. et al.(2012). Effect of biochar amendment on maize yield and greenhouse gas emissions from a soil organic carbon poor calcareous loamy soil from Central China Plain. Plant and Soil. 351: 263-275
2147	31.62	120.47	maize	1.20	6.20	12.00	1.46	31.00	25.86	565.56	661.31	232.00	2.81	Zhang A. et al.(2012). Effect of biochar amendment on maize yield and greenhouse gas emissions from a soil organic carbon poor calcareous loamy soil from Central China Plain. Plant and Soil. 351: 263-275
2148	47.43	126.63	maize	0.98	7.02	27.90	2.20	5.50	14.95	410.00	549.60	0.00	0.26	Miao S. et al.(2014). Frozen cropland soil in northeast China as source of N2O and CO2 emissions. PLoS ONE. 9(12): e115761
2149	47.43	126.63	maize	0.98	7.02	27.90	2.20	5.50	14.95	410.00	549.60	20.25	0.40	Miao S. et al.(2014). Frozen cropland soil in northeast China as source of N2O and CO2 emissions. PLoS ONE. 9(12): e115761
2150	47.43	126.63	maize	0.98	7.02	27.90	2.20	5.50	14.95	410.00	549.60	56.25	1.36	Miao S. et al.(2014). Frozen cropland soil in northeast China as source of N2O and CO2 emissions. PLoS ONE. 9(12): e115761
2151	37.63	112.85	maize	1.36	7.50	9.45	1.79	17.00	18.87	501.00	996.00	0.00	0.18	Zhou P. et al.(2011). Effects of fertilization and environment factors on N2O emission in epring corn field in North China Plain: a case study of Jinzhong in Shanxi province. (in Chinese with English abstract). Chinese Journal of Agrometeorology. 32: 179-184
2152	37.63	112.85	maize	1.36	7.50	9.45	1.79	17.00	18.87	501.00	996.00	180.00	1.17	Zhou P. et al.(2011). Effects of fertilization and environment factors on N2O emission in epring corn field in North China Plain: a case study of Jinzhong in Shanxi province. (in Chinese with English abstract). Chinese Journal of Agrometeorology. 32: 179-184
2153	41.13	121.35	maize	1.33	7.10	13.20	1.40	19.30	21.40	508.50	979.50	0.00	0.63	Yang L. et al. (2013). Impacts of fertilization qlternatives and crop straw incorporation on N2O Emissions from a spring maize field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2154	41.13	121.35	maize	1.33	7.10	13.20	1.40	19.30	21.40	508.50	979.50	210.00	1.03	Yang L. et al. (2013). Impacts of fertilization qlternatives and crop straw incorporation on N2O Emissions from a spring maize field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2155	41.13	121.35	maize	1.33	7.10	13.20	1.40	19.30	21.40	508.50	979.50	265.00	1.11	Yang L. et al. (2013). Impacts of fertilization qlternatives and crop straw incorporation on N2O Emissions from a spring maize field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2156	41.13	121.35	maize	1.33	7.10	13.20	1.40	19.30	21.40	508.50	979.50	0.00	0.54	Yang L. et al. (2013). Impacts of fertilization qlternatives and crop straw incorporation on N2O Emissions from a spring maize field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2157	41.13	121.35	maize	1.33	7.10	13.20	1.40	19.30	21.40	508.50	979.50	210.00	0.96	Yang L. et al. (2013). Impacts of fertilization qlternatives and crop straw incorporation on N2O Emissions from a spring maize field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2158	41.13	121.35	maize	1.33	7.10	13.20	1.40	19.30	21.40	508.50	979.50	265.00	1.07	Yang L. et al. (2013). Impacts of fertilization qlternatives and crop straw incorporation on N2O Emissions from a spring maize field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2159	26.76	111.87	maize	1.26	5.70	6.06	1.07	41.40	22.40	900.00	1.65	0.00	0.16	Zhai L. et al. (2011). Long-term application of organic manure and mineral fertilizer on N2O and CO2 Emissions in a red soil from cultivated maize—wheat rotation in China. Agricultrual Sciences in China. 10: 1748-1757
2160	26.76	111.87	maize	1.26	5.70	6.06	1.07	41.40	22.40	900.00	1.65	210.00	0.17	Zhai L. et al. (2011). Long-term application of organic manure and mineral fertilizer on N2O and CO2 Emissions in a red soil from cultivated maize—wheat rotation in China. Agricultrual Sciences in China. 10: 1748-1757
2161	26.76	111.87	maize	1.26	5.70	6.06	1.07	41.40	22.40	900.00	1.65	210.00	0.32	Zhai L. et al. (2011). Long-term application of organic manure and mineral fertilizer on N2O and CO2 Emissions in a red soil from cultivated maize—wheat rotation in China. Agricultrual Sciences in China. 10: 1748-1757
2162	26.76	111.87	maize	1.26	5.70	6.06	1.07	41.40	22.40	900.00	1.65	210.00	0.32	Zhai L. et al. (2011). Long-term application of organic manure and mineral fertilizer on N2O and CO2 Emissions in a red soil from cultivated maize—wheat rotation in China. Agricultrual Sciences in China. 10: 1748-1757
2163	43.51	124.81	maize	1.31	6.20	26.30	1.50	31.00	20.56	589.00	973.00	0.00	0.40	Guo Y. et al. (2013). Mitigating nitrous oxide emissions from a maize-cropping black soil in northeast China by a combination of reducing chemical N fertilizer application and applying manure in autumn. Soil Science and Plant Nutrition. 59: 392-402
2164	43.51	124.81	maize	1.31	6.20	26.30	1.50	31.00	20.56	589.00	973.00	230.00	2.82	Guo Y. et al. (2013). Mitigating nitrous oxide emissions from a maize-cropping black soil in northeast China by a combination of reducing chemical N fertilizer application and applying manure in autumn. Soil Science and Plant Nutrition. 59: 392-402
2165	43.51	124.81	maize	1.31	6.20	26.30	1.50	31.00	20.56	589.00	973.00	0.00	0.54	Guo Y. et al. (2013). Mitigating nitrous oxide emissions from a maize-cropping black soil in northeast China by a combination of reducing chemical N fertilizer application and applying manure in autumn. Soil Science and Plant Nutrition. 59: 392-402
2166	43.51	124.81	maize	1.31	6.20	26.30	1.50	31.00	20.56	589.00	973.00	230.00	1.70	Guo Y. et al. (2013). Mitigating nitrous oxide emissions from a maize-cropping black soil in northeast China by a combination of reducing chemical N fertilizer application and applying manure in autumn. Soil Science and Plant Nutrition. 59: 392-402
2167	32.00	118.80	maize	1.15	6.70	13.10	1.10	51.00	21.08	619.50	780.00	0.00	1.52	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
2168	32.00	118.80	maize	1.15	6.70	13.10	1.10	51.00	21.08	619.50	780.00	300.00	2.26	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
2169	32.00	118.80	maize	1.15	6.70	13.10	1.10	51.00	21.08	619.50	780.00	300.00	3.70	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
2170	32.00	118.80	maize	1.15	6.70	13.10	1.10	51.00	21.08	619.50	780.00	300.00	4.49	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
2171	32.00	118.80	maize	1.15	6.70	13.10	1.10	51.00	21.08	619.50	780.00	300.00	3.63	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
2172	32.00	118.80	maize	1.15	6.70	13.10	1.10	51.00	21.08	619.50	780.00	0.00	0.52	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
2173	32.00	118.80	maize	1.15	6.70	13.10	1.10	51.00	21.08	619.50	780.00	300.00	2.82	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
2174	32.00	118.80	maize	1.15	6.70	13.10	1.10	51.00	21.08	619.50	780.00	300.00	2.85	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
2175	32.00	118.80	maize	1.15	6.70	13.10	1.10	51.00	21.08	619.50	780.00	300.00	2.71	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
2176	32.00	118.80	maize	1.15	6.70	13.10	1.10	51.00	21.08	619.50	780.00	300.00	2.10	Jiang J. et al.(2010). Nitrous oxide emissions from Chinese cropland fertilized with a range of slow-release nitrogen compounds. Agriculture, Ecosystems and Environment. 135: 216–225
2177	41.15	121.35	maize	1.41	7.10	13.20	1.41	21.00	20.80	400.00	800.00	0.00	1.28	Liu H. et al.(2013). Effect of different N application methods on yield, N2O emission of maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30: 76-80
2178	41.15	121.35	maize	1.41	7.10	13.20	1.41	21.00	20.80	400.00	800.00	210.00	1.88	Liu H. et al.(2013). Effect of different N application methods on yield, N2O emission of maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30: 76-80
2179	41.15	121.35	maize	1.41	7.10	13.20	1.41	21.00	20.80	400.00	800.00	263.00	2.11	Liu H. et al.(2013). Effect of different N application methods on yield, N2O emission of maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30: 76-80
2180	41.15	121.35	maize	1.41	7.10	13.20	1.41	21.00	20.80	400.00	800.00	250.00	2.12	Liu H. et al.(2013). Effect of different N application methods on yield, N2O emission of maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30: 76-80
2181	41.15	121.35	maize	1.41	7.10	13.20	1.41	21.00	20.80	400.00	800.00	0.00	0.63	Liu H. et al.(2013). Effect of different N application methods on yield, N2O emission of maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30: 76-80
2182	41.15	121.35	maize	1.41	7.10	13.20	1.41	21.00	20.80	400.00	800.00	210.00	1.03	Liu H. et al.(2013). Effect of different N application methods on yield, N2O emission of maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30: 76-80
2183	41.15	121.35	maize	1.41	7.10	13.20	1.41	21.00	20.80	400.00	800.00	263.00	1.11	Liu H. et al.(2013). Effect of different N application methods on yield, N2O emission of maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30: 76-80
2184	41.15	121.35	maize	1.41	7.10	13.20	1.41	21.00	20.80	400.00	800.00	250.00	1.26	Liu H. et al.(2013). Effect of different N application methods on yield, N2O emission of maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30: 76-80
2185	41.15	121.35	maize	1.41	7.10	13.20	1.41	21.00	20.80	400.00	800.00	0.00	0.54	Liu H. et al.(2013). Effect of different N application methods on yield, N2O emission of maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30: 76-80
2186	41.15	121.35	maize	1.41	7.10	13.20	1.41	21.00	20.80	400.00	800.00	210.00	0.96	Liu H. et al.(2013). Effect of different N application methods on yield, N2O emission of maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30: 76-80
2187	41.15	121.35	maize	1.41	7.10	13.20	1.41	21.00	20.80	400.00	800.00	263.00	1.07	Liu H. et al.(2013). Effect of different N application methods on yield, N2O emission of maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30: 76-80
2188	41.15	121.35	maize	1.41	7.10	13.20	1.41	21.00	20.80	400.00	800.00	250.00	1.12	Liu H. et al.(2013). Effect of different N application methods on yield, N2O emission of maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30: 76-80
2189	41.15	112.35	maize	1.41	8.39	4.36	0.38	21.00	15.86	224.25	1314.00	0.00	0.09	Guo Y. et al. (2012). Influence of different fertilization modes to corn production and greenhouse gas emissions. (in Chinese with English abstract). Journal of Shanxi Agricultrual Sciences. 40: 1067-1070
2190	41.15	112.35	maize	1.41	8.39	4.36	0.38	21.00	15.86	224.25	1314.00	217.00	0.39	Guo Y. et al. (2012). Influence of different fertilization modes to corn production and greenhouse gas emissions. (in Chinese with English abstract). Journal of Shanxi Agricultrual Sciences. 40: 1067-1070
2191	41.15	112.35	maize	1.41	8.39	4.36	0.38	21.00	15.86	224.25	1314.00	432.20	1.31	Guo Y. et al. (2012). Influence of different fertilization modes to corn production and greenhouse gas emissions. (in Chinese with English abstract). Journal of Shanxi Agricultrual Sciences. 40: 1067-1070
2192	37.63	112.85	maize	1.36	7.50	11.40	1.79	17.00	18.87	501.00	996.00	0.00	0.26	Li C. et al.(2013). Effect of dicyandiamide and sulfur coated urea on saving cost and N2O emission reduction in spring corn field. (in Chinese with English abstract). Chinese Journal of Agrometeorology. 34(05): 526-531
2193	37.63	112.85	maize	1.36	7.50	11.40	1.79	17.00	18.87	501.00	996.00	180.00	1.53	Li C. et al.(2013). Effect of dicyandiamide and sulfur coated urea on saving cost and N2O emission reduction in spring corn field. (in Chinese with English abstract). Chinese Journal of Agrometeorology. 34(05): 526-531
2194	37.63	112.85	maize	1.36	7.50	11.40	1.79	17.00	18.87	501.00	996.00	180.00	1.41	Li C. et al.(2013). Effect of dicyandiamide and sulfur coated urea on saving cost and N2O emission reduction in spring corn field. (in Chinese with English abstract). Chinese Journal of Agrometeorology. 34(05): 526-531
2195	41.53	122.38	maize	1.33	6.40	1.60	0.76	12.20	21.90	412.50	985.00	0.00	0.43	Huang G. et al. (1998). N2O emission in maize fields and its mitigation. Acta Scientiae Circumstantiae. (in Chinese with English abstract). 18(4): 344-349
2196	41.53	122.38	maize	1.33	6.40	1.60	0.76	12.20	21.90	412.50	985.00	180.00	0.76	Huang G. et al. (1998). N2O emission in maize fields and its mitigation. Acta Scientiae Circumstantiae. (in Chinese with English abstract). 18(4): 344-349
2197	43.51	124.81	maize	1.48	7.60	13.30	1.40	46.00	20.25	409.50	1071.00	0.00	0.45	Gao H. et al. (2017). Emission Characteristics of Greenhouse Gas from Maize Field of Black Soil Region Under Long-term Fertilization. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 34(5): 422-430
2198	43.51	124.81	maize	1.48	7.60	13.30	1.40	46.00	20.25	409.50	1071.00	165.00	1.41	Gao H. et al. (2017). Emission Characteristics of Greenhouse Gas from Maize Field of Black Soil Region Under Long-term Fertilization. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 34(5): 422-430
2199	43.51	124.81	maize	1.48	7.60	13.30	1.40	46.00	20.25	409.50	1071.00	165.00	1.55	Gao H. et al. (2017). Emission Characteristics of Greenhouse Gas from Maize Field of Black Soil Region Under Long-term Fertilization. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 34(5): 422-430
2200	43.51	124.81	maize	1.48	7.60	13.30	1.40	46.00	20.25	409.50	1071.00	215.00	2.30	Gao H. et al. (2017). Emission Characteristics of Greenhouse Gas from Maize Field of Black Soil Region Under Long-term Fertilization. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 34(5): 422-430
2201	34.9	110.7	maize	1.20	8.00	11.30	1.10	37.60	11.68	175.31	1243.84	0.00	0.90	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
2202	34.9	110.7	maize	1.20	8.00	11.30	1.10	37.60	11.68	175.31	1243.84	120.00	2.73	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208

2203	34.9	110.7	maize	1.20	8.00	11.30	1.10	37.60	11.68	175.31	1243.84	0.00	0.39	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
2204	34.9	110.7	maize	1.20	8.00	11.30	1.10	37.60	11.68	175.31	1243.84	210.00	2.96	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
2205	34.9	110.7	maize	1.20	8.00	11.30	1.10	37.60	11.68	175.31	1243.84	0.00	1.01	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
2206	34.9	110.7	maize	1.20	8.00	11.30	1.10	37.60	11.68	175.31	1243.84	250.00	3.17	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
2207	34.33	108.4	maize	1.45	8.18	8.14	0.95	32.00	22.26	581.69	799.28	0.00	0.30	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
2208	34.33	108.4	maize	1.45	8.18	8.14	0.95	32.00	22.26	581.69	799.28	225.00	0.77	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
2209	34.33	108.4	maize	1.45	8.18	8.14	0.95	32.00	22.26	581.69	799.28	225.00	1.01	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
2210	34.33	108.4	maize	1.45	8.18	8.14	0.95	32.00	22.26	581.69	799.28	0.00	0.22	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
2211	34.33	108.4	maize	1.45	8.18	8.14	0.95	32.00	22.26	581.69	799.28	225.00	2.99	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
2212	34.33	108.4	maize	1.45	8.18	8.14	0.95	32.00	22.26	581.69	799.28	225.00	1.73	Zang A. et al. (2017). Contrasting effects of straw and straw–derived biochar application on net global warming potential in the Loess Plateau of China. Field Crops Research. 205: 45-54
2213	47.43	126.63	maize	1.48	6.20	28.60	2.07	46.00	18.52	606.84	869.70	0.00	0.64	Li L. et al. (2013). Nitrous oxide emissions from Mollisols as affected by long-term applications of organic amendments and chemical fertilizers. Science of The Total Environment. 452-453: 302-308
2214	47.43	126.63	maize	1.48	6.20	28.60	2.07	46.00	18.52	606.84	869.70	120.00	0.67	Li L. et al. (2013). Nitrous oxide emissions from Mollisols as affected by long-term applications of organic amendments and chemical fertilizers. Science of The Total Environment. 452-453: 302-308
2215	47.43	126.63	maize	1.48	6.20	28.60	2.07	46.00	18.52	606.84	869.70	350.00	1.19	Li L. et al. (2013). Nitrous oxide emissions from Mollisols as affected by long-term applications of organic amendments and chemical fertilizers. Science of The Total Environment. 452-453: 302-308
2216	47.43	126.63	maize	1.48	6.20	28.60	2.07	46.00	18.52	606.84	869.70	320.00	1.17	Li L. et al. (2013). Nitrous oxide emissions from Mollisols as affected by long-term applications of organic amendments and chemical fertilizers. Science of The Total Environment. 452-453: 302-308
2217	47.4	126.6	maize	1.00	5.69	29.75	2.13	46.00	18.52	606.84	869.70	0.00	0.64	Li L. et al. (2013). Nitrous oxide emissions from Mollisols as affected by long-term applications of organic amendments and chemical fertilizers. Science of The Total Environment. 452-453: 302-308
2218	47.4	126.6	maize	1.00	5.69	29.75	2.13	46.00	18.52	606.84	869.70	120.00	0.67	Li L. et al. (2013). Nitrous oxide emissions from Mollisols as affected by long-term applications of organic amendments and chemical fertilizers. Science of The Total Environment. 452-453: 302-308
2219	47.4	126.6	maize	1.00	5.69	29.75	2.13	46.00	18.52	606.84	869.70	135.00	0.90	Li L. et al. (2013). Nitrous oxide emissions from Mollisols as affected by long-term applications of organic amendments and chemical fertilizers. Science of The Total Environment. 452-453: 302-308
2220	47.4	126.6	maize	1.00	5.69	29.75	2.13	46.00	18.52	606.84	869.70	150.00	1.06	Li L. et al. (2013). Nitrous oxide emissions from Mollisols as affected by long-term applications of organic amendments and chemical fertilizers. Science of The Total Environment. 452-453: 302-308
2221	47.4	126.6	maize	1.00	5.69	29.75	2.13	46.00	18.52	606.84	869.70	352.50	1.19	Li L. et al. (2013). Nitrous oxide emissions from Mollisols as affected by long-term applications of organic amendments and chemical fertilizers. Science of The Total Environment. 452-453: 302-308
2222	47.4	126.6	maize	1.20	7.00	28.00	2.20	46.00	18.16	612.92	869.70	0.00	0.53	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China.Field Crops Research. 161: 98-106
2223	47.4	126.6	maize	1.20	7.00	28.00	2.20	46.00	18.16	612.92	869.70	113.00	0.73	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China.Field Crops Research. 161: 98-106
2224	47.4	126.6	maize	1.20	7.00	28.00	2.20	46.00	18.16	612.92	869.70	113.00	0.85	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China.Field Crops Research. 161: 98-106
2225	47.4	126.6	maize	1.20	7.00	28.00	2.20	46.00	18.16	612.92	869.70	113.00	0.75	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China.Field Crops Research. 161: 98-106
2226	47.4	126.6	maize	1.20	7.00	28.00	2.20	46.00	18.16	612.92	869.70	149.00	2.38	Qiao Y. et al. (2014). The effect of fertilizer practices on N balance and global warming potential of maize–soybean–wheat rotations in Northeastern China.Field Crops Research. 161: 98-106
2227	41.1	121.4	maize	1.33	7.10	13.17	1.41	19.30	18.90	241.00	683.00	0.00	0.63	Yang L. et al. (2014). Impacts of Fertilization Alternatives and Crop Straw Incorporation on N2O Emissions from a Spring Maize Field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2228	41.1	121.4	maize	1.33	7.10	13.17	1.41	19.30	18.90	241.00	683.00	265.00	1.11	Yang L. et al. (2014). Impacts of Fertilization Alternatives and Crop Straw Incorporation on N2O Emissions from a Spring Maize Field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2229	41.1	121.4	maize	1.33	7.10	13.17	1.41	19.30	18.90	241.00	683.00	210.00	1.03	Yang L. et al. (2014). Impacts of Fertilization Alternatives and Crop Straw Incorporation on N2O Emissions from a Spring Maize Field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2230	41.1	121.4	maize	1.33	7.10	13.17	1.41	19.30	18.90	241.00	683.00	210.00	1.26	Yang L. et al. (2014). Impacts of Fertilization Alternatives and Crop Straw Incorporation on N2O Emissions from a Spring Maize Field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2231	41.1	121.4	maize	1.33	7.10	13.17	1.41	19.30	18.90	241.00	683.00	0.00	0.54	Yang L. et al. (2014). Impacts of Fertilization Alternatives and Crop Straw Incorporation on N2O Emissions from a Spring Maize Field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2232	41.1	121.4	maize	1.33	7.10	13.17	1.41	19.30	18.90	241.00	683.00	265.00	1.07	Yang L. et al. (2014). Impacts of Fertilization Alternatives and Crop Straw Incorporation on N2O Emissions from a Spring Maize Field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2233	41.1	121.4	maize	1.33	7.10	13.17	1.41	19.30	18.90	241.00	683.00	210.00	0.96	Yang L. et al. (2014). Impacts of Fertilization Alternatives and Crop Straw Incorporation on N2O Emissions from a Spring Maize Field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2234	41.1	121.4	maize	1.33	7.10	13.17	1.41	19.30	18.90	241.00	683.00	210.00	1.12	Yang L. et al. (2014). Impacts of Fertilization Alternatives and Crop Straw Incorporation on N2O Emissions from a Spring Maize Field in Northeastern China. Journal of Integrative Agriculture. 13(4): 881-892
2235	31.3	105.5	maize	1.32	8.30	8.47	1.01	6.50	24.65	973.95	745.52	0.00	0.93	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
2236	31.3	105.5	maize	1.32	8.30	8.47	1.01	6.50	24.65	973.95	745.52	150.00	1.94	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
2237	31.3	105.5	maize	1.32	8.30	8.47	1.01	6.50	24.65	973.95	745.52	250.00	2.74	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
2238	31.3	105.5	maize	1.32	8.30	8.47	1.01	6.50	24.65	973.95	745.52	0.00	0.17	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
2239	31.3	105.5	maize	1.32	8.30	8.47	1.01	6.50	24.65	973.95	745.52	150.00	0.45	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
2240	31.3	105.5	maize	1.32	8.30	8.47	1.01	6.50	24.65	973.95	745.52	250.00	0.47	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
2241	31.3	105.5	maize	1.32	8.30	8.47	1.01	6.50	24.65	973.95	745.52	0.00	0.13	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
2242	31.3	105.5	maize	1.32	8.30	8.47	1.01	6.50	24.65	973.95	745.52	150.00	1.15	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
2243	31.3	105.5	maize	1.32	8.30	8.47	1.01	6.50	24.65	973.95	745.52	250.00	1.31	Zhou M. et al. (2013). Nitrous oxide emissions and nitrate leaching from a rain-fed wheat-maize rotation in the Sichuan Basin, China. Plant and Soil. 362: 149–159
2244	37.6	112.9	maize	1.33	7.50	16.90	1.79	38.90	18.87	501.00	996.00	0.00	0.18	Liu Y. et al. (2011). Nitrous oxide emissions from irrigated and fertilized spring maize in semi-arid northern China. Agriculture, Ecosystems & Environment. 141(3-4): 287-295
2245	37.6	112.9	maize	1.33	7.50	16.90	1.79	38.90	18.87	501.00	996.00	120.00	0.78	Liu Y. et al. (2011). Nitrous oxide emissions from irrigated and fertilized spring maize in semi-arid northern China. Agriculture, Ecosystems & Environment. 141(3-4): 287-295
2246	37.6	112.9	maize	1.33	7.50	16.90	1.79	38.90	18.87	501.00	996.00	330.00	1.46	Liu Y. et al. (2011). Nitrous oxide emissions from irrigated and fertilized spring maize in semi-arid northern China. Agriculture, Ecosystems & Environment. 141(3-4): 287-295
2247	37.6	112.9	maize	1.33	7.50	16.90	1.79	38.90	18.87	501.00	996.00	0.00	0.18	Liu Y. et al. (2011). Nitrous oxide emissions from irrigated and fertilized spring maize in semi-arid northern China. Agriculture, Ecosystems & Environment. 141(3-4): 287-295
2248	37.6	112.9	maize	1.33	7.50	16.90	1.79	38.90	18.87	501.00	996.00	120.00	0.69	Liu Y. et al. (2011). Nitrous oxide emissions from irrigated and fertilized spring maize in semi-arid northern China. Agriculture, Ecosystems & Environment. 141(3-4): 287-295
2249	37.6	112.9	maize	1.33	7.50	16.90	1.79	38.90	18.87	501.00	996.00	330.00	1.40	Liu Y. et al. (2011). Nitrous oxide emissions from irrigated and fertilized spring maize in semi-arid northern China. Agriculture, Ecosystems & Environment. 141(3-4): 287-295
2250	37.6	112.9	maize	1.33	7.50	16.90	1.79	38.90	18.87	501.00	996.00	0.00	0.18	Liu Y. et al. (2011). Nitrous oxide emissions from irrigated and fertilized spring maize in semi-arid northern China. Agriculture, Ecosystems & Environment. 141(3-4): 287-295
2251	37.6	112.9	maize	1.33	7.50	16.90	1.79	38.90	18.87	501.00	996.00	120.00	0.86	Liu Y. et al. (2011). Nitrous oxide emissions from irrigated and fertilized spring maize in semi-arid northern China. Agriculture, Ecosystems & Environment. 141(3-4): 287-295
2252	37.6	112.9	maize	1.33	7.50	16.90	1.79	38.90	18.87	501.00	996.00	330.00	1.60	Liu Y. et al. (2011). Nitrous oxide emissions from irrigated and fertilized spring maize in semi-arid northern China. Agriculture, Ecosystems & Environment. 141(3-4): 287-295
2253	39.1	117	maize	1.28	5.75	8.40	3.51	31.40	23.36	408.11	1031.07	0.00	0.38	Xie Y. et al. (2016). Effects of reduced CRNF applications on N2O emissions and ammonia volatilization in spring maize soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(03): 596-603
2254	39.1	117	maize	1.28	5.75	8.40	3.51	31.40	23.36	408.11	1031.07	240.00	2.05	Xie Y. et al. (2016). Effects of reduced CRNF applications on N2O emissions and ammonia volatilization in spring maize soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(03): 596-603
2255	39.1	117	maize	1.28	5.75	8.40	3.51	31.40	23.36	408.11	1031.07	240.00	1.48	Xie Y. et al. (2016). Effects of reduced CRNF applications on N2O emissions and ammonia volatilization in spring maize soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(03): 596-603
2256	39.1	117	maize	1.28	5.75	8.40	3.51	31.40	23.36	408.11	1031.07	216.00	1.36	Xie Y. et al. (2016). Effects of reduced CRNF applications on N2O emissions and ammonia volatilization in spring maize soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(03): 596-603
2257	39.1	117	maize	1.28	5.75	8.40	3.51	31.40	23.36	408.11	1031.07	192.00	1.11	Xie Y. et al. (2016). Effects of reduced CRNF applications on N2O emissions and ammonia volatilization in spring maize soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(03): 596-603
2258	39.1	117	maize	1.28	5.75	8.40	3.51	31.40	23.36	408.11	1031.07	168.00	0.92	Xie Y. et al. (2016). Effects of reduced CRNF applications on N2O emissions and ammonia volatilization in spring maize soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(03): 596-603
2259	37.6	112.9	maize	1.33	8.50	9.40	1.79	36.00	18.87	501.00	996.00	0.00	0.25	Zhu Y. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(07): 1421-1428
2260	37.6	112.9	maize	1.33	8.50	9.40	1.79	36.00	18.87	501.00	996.00	180.00	1.25	Zhu Y. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(07): 1421-1428
2261	37.6	112.9	maize	1.33	8.50	9.40	1.79	36.00	18.87	501.00	996.00	0.00	0.15	Zhu Y. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(07): 1421-1428
2262	37.6	112.9	maize	1.33	8.50	9.40	1.79	36.00	18.87	501.00	996.00	180.00	1.21	Zhu Y. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(07): 1421-1428
2263	37.6	112.9	maize	1.33	8.50	9.40	1.79	36.00	18.87	501.00	996.00	0.00	0.33	Zhu Y. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(07): 1421-1428
2264	37.6	112.9	maize	1.33	8.50	9.40	1.79	36.00	18.87	501.00	996.00	180.00	1.71	Zhu Y. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(07): 1421-1428
2265	37.6	112.9	maize	1.33	8.50	9.40	1.79	36.00	18.87	501.00	996.00	0.00	0.51	Zhu Y. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(07): 1421-1428
2266	37.6	112.9	maize	1.33	8.50	9.40	1.79	36.00	18.87	501.00	996.00	180.00	1.78	Zhu Y. et al. (2016). Effects of controlled release fertilizer and nitrification inhibitor additions on nitrous oxide emissions from spring maize field in Northern China. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(07): 1421-1428
2267	31.3	105.5	maize	1.34	8.20	5.08	0.81	6.50	24.65	973.95	745.52	0.00	0.08	Liu Y. et al. (2016). Effect of Fertilization Regime on Soil N2O Emission from Upland Field under Wheat-Maize Rotation System. (in Chinese with English abstract). Acta Pedologica Sinica. 53(03): 735-745
2268	31.3	105.5	maize	1.34	8.20	5.08	0.81	6.50	24.65	973.95	745.52	150.00	0.99	Liu Y. et al. (2016). Effect of Fertilization Regime on Soil N2O Emission from Upland Field under Wheat-Maize Rotation System. (in Chinese with English abstract). Acta Pedologica Sinica. 53(03): 735-745
2269	31.3	105.5	maize	1.34	8.20	5.08	0.81	6.50	24.65	973.95	745.52	150.00	1.01	Liu Y. et al. (2016). Effect of Fertilization Regime on Soil N2O Emission from Upland Field under Wheat-Maize Rotation System. (in Chinese with English abstract). Acta Pedologica Sinica. 53(03): 735-745
2270	31.3	105.5	maize	1.34	8.20	5.08	0.81	6.50	24.65	973.95	745.52	150.00	0.53	Liu Y. et al. (2016). Effect of Fertilization Regime on Soil N2O Emission from Upland Field under Wheat-Maize Rotation System. (in Chinese with English abstract). Acta Pedologica Sinica. 53(03): 735-745
2271	31.3	105.5	maize	1.34	8.20	5.08	0.81	6.50	24.65	973.95	745.52	150.00	0.74	Liu Y. et al. (2016). Effect of Fertilization Regime on Soil N2O Emission from Upland Field under Wheat-Maize Rotation System. (in Chinese with English abstract). Acta Pedologica Sinica. 53(03): 735-745
2272	35.2	107.7	maize	1.26	8.40	6.50	0.80	47.00	19.71	413.05	441.35	0.00	0.55	Wu D. et al. (2016). Effects of DCD addition on grain yield,N_2O emission and residual nitrate-N of spring maize in rain-fed agriculture. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 22(1): 30-39
2273	35.2	107.7	maize	1.26	8.40	6.50	0.80	47.00	19.71	413.05	441.35	200.00	1.25	Wu D. et al. (2016). Effects of DCD addition on grain yield,N_2O emission and residual nitrate-N of spring maize in rain-fed agriculture. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 22(1): 30-39
2274	35.2	107.7	maize	1.26	8.40	6.50	0.80	47.00	19.71	413.05	441.35	160.00	0.91	Wu D. et al. (2016). Effects of DCD addition on grain yield,N_2O emission and residual nitrate-N of spring maize in rain-fed agriculture. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 22(1): 30-39
2275	35.2	107.7	maize	1.26	8.40	6.50	0.80	47.00	18.89	429.52	441.35	0.00	0.46	Wu D. et al. (2016). Effects of DCD addition on grain yield,N_2O emission and residual nitrate-N of spring maize in rain-fed agriculture. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 22(1): 30-39
2276	35.2	107.7	maize	1.26	8.40	6.50	0.80	47.00	18.89	429.52	441.35	200.00	1.20	Wu D. et al. (2016). Effects of DCD addition on grain yield,N_2O emission and residual nitrate-N of spring maize in rain-fed agriculture. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 22(1): 30-39
2277	35.2	107.7	maize	1.26	8.40	6.50	0.80	47.00	18.89	429.52	441.35	160.00	0.87	Wu D. et al. (2016). Effects of DCD addition on grain yield,N_2O emission and residual nitrate-N of spring maize in rain-fed agriculture. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 22(1): 30-39
2278	35.2	107.7	maize	1.21	8.00	1.97	0.19	47.00	19.71	413.05	441.35	0.00	0.31	Huang H. et al. (2012). Effect of Biochar on Nitrous Oxide Emissions from Dryland Spring Corn Field on the Loess Plateau (in Chinese with English abstract). Journal of Agro-Environment Science. 33(10): 2063-2070.
2279	35.2	107.7	maize	1.21	8.00	1.97	0.19	47.00	19.71	413.05	441.35	225.00	0.98	Huang H. et al. (2012). Effect of Biochar on Nitrous Oxide Emissions from Dryland Spring Corn Field on the Loess Plateau (in Chinese with English abstract). Journal of Agro-Environment Science. 33(10): 2063-2070.
2280	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	0.00	1.28	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2281	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	263.00	2.11	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2282	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	210.00	1.88	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2283	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	250.00	2.12	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2284	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	210.00	2.04	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2285	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	0.00	0.63	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2286	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	263.00	1.11	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2287	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	210.00	1.03	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2288	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	250.00	1.26	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2289	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	210.00	0.98	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2290	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	0.00	0.54	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2291	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	263.00	1.07	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2292	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	210.00	0.96	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2293	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	250.00	1.12	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2294	41.1	121.3	maize	1.29	7.10	13.17	1.41	34.00	18.90	241.00	683.00	210.00	0.87	Liu H. et al. (2013). Effect of Different N Application Methods on Yield,N_2O Emission of Maize. (in Chinese with English abstract). Journal of Agricultural Resources and Environment. 30(5): 76-80
2295	45.68	126.62	maize	1.60	8.59	8.62	1.94	34.00	19.34	375.98	1024.66	0.00	0.21	Ni K. et al. (2012). Nitrous oxide emissions from a rainfed-cultivated black soil in Northeast China: effect of fertilization and maize crop. Biology and Fertility of Soils. 48: 973-979
2296	45.68	126.62	maize	1.60	8.59	8.62	1.94	34.00	19.34	375.98	1024.66	225.00	0.57	Ni K. et al. (2012). Nitrous oxide emissions from a rainfed-cultivated black soil in Northeast China: effect of fertilization and maize crop. Biology and Fertility of Soils. 48: 973-979
2297	31.26	105.47	maize	1.32	8.30	6.35	0.55	30.20	24.65	973.95	745.52	0.00	0.03	Zhou M. et al. (2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer.Ecosystems. 17: 286-301
2298	31.26	105.47	maize	1.32	8.30	6.35	0.55	30.20	24.65	973.95	745.52	130.00	0.72	Zhou M. et al. (2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer.Ecosystems. 17: 286-301

2299	31.26	105.47	maize	1.32	8.30	6.35	0.55	30.20	24.65	973.95	745.52	130.00	1.03	Zhou M. et al. (2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer.Ecosystems. 17: 286-301
2300	31.26	105.47	maize	1.32	8.30	6.35	0.55	30.20	24.65	973.95	745.52	130.00	0.57	Zhou M. et al. (2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer.Ecosystems. 17: 286-301
2301	31.26	105.47	maize	1.32	8.30	6.35	0.55	30.20	24.65	973.95	745.52	0.00	0.12	Zhou M. et al. (2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer.Ecosystems. 17: 286-301
2302	31.26	105.47	maize	1.32	8.30	6.35	0.55	30.20	24.65	973.95	745.52	150.00	1.00	Zhou M. et al. (2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer.Ecosystems. 17: 286-301
2303	31.26	105.47	maize	1.32	8.30	6.35	0.55	30.20	24.65	973.95	745.52	150.00	0.85	Zhou M. et al. (2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer.Ecosystems. 17: 286-301
2304	31.26	105.47	maize	1.32	8.30	6.35	0.55	30.20	24.65	973.95	745.52	150.00	0.71	Zhou M. et al. (2014). N2O and CH4 Emissions, and NO3 Leaching on a Crop Yield Basis from a Subtropical Rain-fed Wheat–Maize Rotation in Response to Different Types of Nitrogen Fertilizer.Ecosystems. 17: 286-301
2305	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	0.00	0.49	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2306	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	389.85	1.46	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2307	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	472.65	1.42	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2308	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	556.95	1.38	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2309	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	0.00	0.51	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2310	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	389.85	1.52	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2311	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	472.65	1.03	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2312	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	556.95	1.23	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2313	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	0.00	0.62	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2314	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	389.85	1.03	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2315	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	472.65	1.92	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2316	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	556.95	1.75	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2317	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	0.00	0.91	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2318	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	389.85	2.00	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2319	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	472.65	1.31	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2320	39.39	111.48	fruit	1.62	4.59	11.33	1.44	39.24	6.97	16.71	41.62	556.95	2.44	Zhang P. (2020). Characteristics of nitrous oxide emissions from citrus orchard soil under different fertilization treatments. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
2321	35.12	107.4	fruit	1.3	8.19	6.55	1.01	20.00	10.36	19.00	35.59	0.00	0.10	Pang J. et al. (2010). Nitrous oxide emissions from apple orchard soil in the semiarid Loess Plateau of China. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 30(12): 2518-2525
2322	35.12	107.4	fruit	1.3	8.19	6.55	1.01	20.00	10.36	19.00	35.59	311.50	2.10	Pang J. et al. (2010). Nitrous oxide emissions from apple orchard soil in the semiarid Loess Plateau of China. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 30(12): 2518-2525
2323	35.12	107.4	fruit	1.3	8.19	6.55	1.01	20.00	10.36	19.00	35.59	311.50	2.35	Pang J. et al. (2010). Nitrous oxide emissions from apple orchard soil in the semiarid Loess Plateau of China. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 30(12): 2518-2525
2324	35.12	107.4	fruit	1.3	8.19	6.55	1.01	20.00	10.36	19.00	35.59	311.50	2.21	Pang J. et al. (2010). Nitrous oxide emissions from apple orchard soil in the semiarid Loess Plateau of China. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 30(12): 2518-2525
2325	35.12	107.4	fruit	1.3	8.19	6.55	1.01	20.00	10.36	19.00	35.59	311.50	3.30	Pang J. et al. (2010). Nitrous oxide emissions from apple orchard soil in the semiarid Loess Plateau of China. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 30(12): 2518-2525
2326	35.12	107.4	fruit	1.3	8.19	6.55	1.01	20.00	10.36	19.00	35.59	311.50	2.82	Pang J. et al. (2010). Nitrous oxide emissions from apple orchard soil in the semiarid Loess Plateau of China. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 30(12): 2518-2525
2327	35.12	107.4	fruit	1.3	8.19	6.55	1.01	20.00	10.36	19.00	35.59	311.50	3.38	Pang J. et al. (2010). Nitrous oxide emissions from apple orchard soil in the semiarid Loess Plateau of China. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 30(12): 2518-2525
2328	35.12	107.4	fruit	1.47	8.10	8.50	1.01	20.00	10.36	19.00	35.59	0.00	1.14	Zhu Z. et al. (2020). Characteristics of N2O emissions from different fertilization treatments in Weibei dryland apple orchard. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 38(1): 59-65
2329	35.12	107.4	fruit	1.47	8.10	8.50	1.01	20.00	10.36	19.00	35.59	800.00	4.46	Zhu Z. et al. (2020). Characteristics of N2O emissions from different fertilization treatments in Weibei dryland apple orchard. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 38(1): 59-65
2330	35.12	107.4	fruit	1.47	8.10	8.50	1.01	20.00	10.36	19.00	35.59	400.00	2.53	Zhu Z. et al. (2020). Characteristics of N2O emissions from different fertilization treatments in Weibei dryland apple orchard. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 38(1): 59-65
2331	35.12	107.4	fruit	1.47	8.10	8.50	1.01	20.00	10.36	19.00	35.59	400.00	2.56	Zhu Z. et al. (2020). Characteristics of N2O emissions from different fertilization treatments in Weibei dryland apple orchard. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 38(1): 59-65
2332	41.48	86.04	fruit	1.42	7.90	21.56	0.43	16.00	10.66	3.10	74.08	0.00	0.35	Wang C. et al. (2019). Effect of nitrogen application rate on ammonia volatilization and nitrous oxide emission in Korla fragrant pear orchard. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 37(5): 157-164
2333	41.48	86.04	fruit	1.42	7.90	21.56	0.43	16.00	10.66	3.10	74.08	150.00	0.44	Wang C. et al. (2019). Effect of nitrogen application rate on ammonia volatilization and nitrous oxide emission in Korla fragrant pear orchard. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 37(5): 157-164
2334	41.48	86.04	fruit	1.42	7.90	21.56	0.43	16.00	10.66	3.10	74.08	300.00	0.46	Wang C. et al. (2019). Effect of nitrogen application rate on ammonia volatilization and nitrous oxide emission in Korla fragrant pear orchard. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 37(5): 157-164
2335	41.48	86.04	fruit	1.42	7.90	21.56	0.43	16.00	10.66	3.10	74.08	450.00	0.53	Wang C. et al. (2019). Effect of nitrogen application rate on ammonia volatilization and nitrous oxide emission in Korla fragrant pear orchard. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 37(5): 157-164
2336	35.12	107.4	fruit	1.36	8.10	8.58	1.01	20.00	10.36	19.00	35.59	0.00	0.95	Feng T. (2020). Effects of different fertilizers on nitrogen absorption, N2O emission and fruit quality of apple orchards in weibei dry plateau. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xian, China)
2337	35.12	107.4	fruit	1.36	8.10	8.58	1.01	20.00	10.36	19.00	35.59	800.00	3.56	Feng T. (2020). Effects of different fertilizers on nitrogen absorption, N2O emission and fruit quality of apple orchards in weibei dry plateau. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xian, China)
2338	35.12	107.4	fruit	1.36	8.10	8.58	1.01	20.00	10.36	19.00	35.59	400.00	2.14	Feng T. (2020). Effects of different fertilizers on nitrogen absorption, N2O emission and fruit quality of apple orchards in weibei dry plateau. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xian, China)
2339	35.12	107.4	fruit	1.36	8.10	8.58	1.01	20.00	10.36	19.00	35.59	400.00	2.08	Feng T. (2020). Effects of different fertilizers on nitrogen absorption, N2O emission and fruit quality of apple orchards in weibei dry plateau. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xian, China)
2340	38.18	108.4	fruit	1.43	7.34	13.49	0.26	6.00	8.52	9.22	53.13	0.00	3.02	He X. et al. (2020). Effects of Integrated Nitrogen and Water Application Rate by Drip Irrigation on N2O Emissions from Semi-humid Vineyards in Guanzhong Plain, China. (in Chinese with English abstract). Water Saving Irrigation. 11: 46-52+58
2341	38.18	108.4	fruit	1.43	7.34	13.49	0.26	6.00	8.52	9.22	53.13	155.00	5.21	He X. et al. (2020). Effects of Integrated Nitrogen and Water Application Rate by Drip Irrigation on N2O Emissions from Semi-humid Vineyards in Guanzhong Plain, China. (in Chinese with English abstract). Water Saving Irrigation. 11: 46-52+58
2342	38.18	108.4	fruit	1.43	7.34	13.49	0.26	6.00	8.52	9.22	53.13	232.00	6.83	He X. et al. (2020). Effects of Integrated Nitrogen and Water Application Rate by Drip Irrigation on N2O Emissions from Semi-humid Vineyards in Guanzhong Plain, China. (in Chinese with English abstract). Water Saving Irrigation. 11: 46-52+58
2343	26.11	119.31	vegetable	1.40	7.55	14.68	1.52	31.00	24.61	704.73	833.50	0.00	1.76	Cao B. et al.(2006). Use efficiency and fate of fertilizer N in tomato field of Nanjing suburb.(in Chinese with English abstract).Chinese Journal of Applied Ecology. 17(10): 1839-1844
2344	26.11	119.31	vegetable	1.40	5.55	14.68	1.52	31.00	24.61	704.73	833.50	200.00	13.00	Cao B. et al.(2006). Use efficiency and fate of fertilizer N in tomato field of Nanjing suburb.(in Chinese with English abstract).Chinese Journal of Applied Ecology. 17(10): 1839-1844
2345	30.48	114.36	vegetable	1.40	5.55	14.68	1.52	31.00	14.02	122.93	825.81	200.00	7.60	Cao B. et al.(2006). Use efficiency and fate of fertilizer N in tomato field of Nanjing suburb.(in Chinese with English abstract).Chinese Journal of Applied Ecology. 17(10): 1839-1844
2346	30.48	114.36	vegetable	1.40	5.55	14.68	1.52	31.00	14.02	122.93	825.81	300.00	7.60	Cao B. et al.(2006). Denitrification losses and N_2O emissions from nitrogen fertilizer applied to a vegetable field. Pedosphere. 16(3): 390-397
2347	30.48	114.36	vegetable	1.40	7.55	14.68	1.52	31.00	14.02	122.93	225.81	0.00	1.77	Cao B. et al.(2006). Denitrification losses and N_2O emissions from nitrogen fertilizer applied to a vegetable field. Pedosphere. 16(3): 390-397
2348	30.48	114.36	vegetable	1.40	7.55	14.68	1.52	31.00	14.02	122.93	225.81	180.00	4.71	Cao B. et al.(2006). Denitrification losses and N_2O emissions from nitrogen fertilizer applied to a vegetable field. Pedosphere. 16(3): 390-397
2349	30.48	114.36	vegetable	1.40	7.55	14.68	1.52	31.00	14.02	122.93	225.81	300.00	5.03	Cao B. et al.(2006). Denitrification losses and N_2O emissions from nitrogen fertilizer applied to a vegetable field. Pedosphere. 16(3): 390-397
2350	30.48	114.36	vegetable	1.40	7.55	14.68	1.52	31.00	23.35	370.20	536.37	600.00	11.10	Cao B. et al.(2006). Denitrification losses and N_2O emissions from nitrogen fertilizer applied to a vegetable field. Pedosphere. 16(3): 390-397
2351	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	40.00	29.83	270.27	418.34	0.00	0.69	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2352	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	40.00	14.01	122.93	225.81	100.00	0.98	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2353	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	40.00	14.01	122.93	225.81	200.00	2.10	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2354	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	40.00	14.01	122.93	225.81	320.00	2.42	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2355	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	40.00	14.01	122.93	225.81	360.00	4.98	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2356	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	40.00	23.35	370.20	536.37	0.00	0.49	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2357	24.99	102.66	vegetable	1.32	5.12	8.75	1.28	40.00	23.35	370.20	536.37	40.00	1.61	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2358	24.99	102.66	vegetable	1.32	5.12	8.75	0.28	40.00	23.35	370.20	536.37	120.00	1.09	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2359	24.99	102.66	vegetable	1.32	5.12	8.75	0.28	40.00	23.35	370.20	536.37	160.00	2.57	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2360	24.99	102.66	vegetable	1.32	5.12	8.75	0.28	40.00	29.83	270.27	418.34	0.00	0.13	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2361	24.99	102.66	vegetable	1.32	5.12	8.75	1.28	40.00	29.83	270.27	418.34	20.00	0.57	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2362	30.68	103.80	vegetable	1.32	5.12	8.75	0.28	40.00	29.83	270.27	418.34	60.00	0.57	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2363	30.68	103.80	vegetable	1.32	5.12	8.75	0.28	40.00	29.83	270.27	418.34	80.00	0.65	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2364	30.28	114.20	vegetable	1.32	5.12	8.75	0.28	40.00	11.66	184.12	268.49	0.00	0.72	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2365	30.28	114.20	vegetable	1.32	5.12	8.75	1.28	40.00	11.66	184.12	268.49	60.00	1.38	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2366	30.28	114.20	vegetable	1.32	5.12	8.75	0.28	40.00	11.66	184.12	268.49	180.00	1.63	Liu Z. (2007). Effect of Nitrogen application on N_2O emission from vegetable soil.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2367	30.28	114.20	vegetable	1.32	5.12	8.75	0.28	40.00	11.66	184.12	268.49	0.00	3.07	Lu C. et al.(2008). N_2O Emission from Intensive Celery Field of Dianchi Watershed.(in Chinese with English abstract). Journal of Agro-Environment Science. 27(5): 1870-1875
2368	30.28	114.20	vegetable	1.32	5.12	8.75	0.28	40.00	11.66	184.12	268.49	450.00	5.25	Lu C. et al.(2008). N_2O Emission from Intensive Celery Field of Dianchi Watershed.(in Chinese with English abstract). Journal of Agro-Environment Science. 27(5): 1870-1875
2369	30.28	114.20	vegetable	1.32	5.12	8.75	0.28	40.00	11.66	184.12	268.49	1200.00	9.35	Lu C. et al.(2008). N_2O Emission from Intensive Celery Field of Dianchi Watershed.(in Chinese with English abstract). Journal of Agro-Environment Science. 27(5): 1870-1875
2370	30.28	114.20	vegetable	1.32	5.12	8.75	0.28	40.00	11.66	184.12	268.49	0.00	3.67	Lu C. et al.(2008). N_2O Emission from Intensive Celery Field of Dianchi Watershed.(in Chinese with English abstract). Journal of Agro-Environment Science. 27(5): 1870-1875
2371	30.28	114.20	vegetable	1.32	5.12	8.75	0.28	40.00	11.66	184.12	268.49	450.00	6.66	Lu C. et al.(2008). N_2O Emission from Intensive Celery Field of Dianchi Watershed.(in Chinese with English abstract). Journal of Agro-Environment Science. 27(5): 1870-1875
2372	30.28	114.20	vegetable	1.32	5.12	8.75	0.28	40.00	11.66	184.12	268.49	1200.00	12.12	Lu C. et al.(2008). N_2O Emission from Intensive Celery Field of Dianchi Watershed.(in Chinese with English abstract). Journal of Agro-Environment Science. 27(5): 1870-1875
2373	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	24.54	1026.10	614.18	0.00	0.06	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2374	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	24.54	1026.10	614.18	400.00	1.61	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2375	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	27.43	252.25	302.21	200.00	0.53	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2376	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	11.82	257.71	757.37	400.00	2.95	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2377	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	11.82	257.71	757.37	1000.00	6.43	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2378	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	23.27	888.43	454.81	400.00	0.55	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2379	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	19.21	228.06	344.25	300.00	0.76	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2380	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	9.17	144.21	545.97	300.00	2.54	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2381	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	9.17	144.21	545.97	1000.00	4.16	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2382	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	24.54	1026.09	624.18	250.00	0.37	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2383	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	27.43	252.25	302.21	150.00	0.43	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2384	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	21.81	217.83	246.22	200.00	0.69	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2385	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	7.73	150.17	394.68	200.00	0.31	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2386	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	15.18	83.13	264.27	200.00	0.70	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2387	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	15.18	83.13	264.27	1000.00	2.62	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2388	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	21.33	448.24	305.93	300.00	0.55	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2389	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	19.21	228.06	344.25	300.00	1.71	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2390	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	9.17	144.21	545.97	200.00	1.46	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2391	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	9.17	144.21	545.97	1000.00	4.51	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2392	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	23.27	888.43	454.81	300.00	1.22	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2393	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	19.21	228.06	344.25	300.00	0.83	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2394	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	7.68	107.24	399.99	200.00	0.43	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)

2395	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	15.18	83.13	264.27	200.00	0.50	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2396	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	15.18	83.13	264.27	1000.00	3.23	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2397	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	24.54	1026.10	614.18	400.00	1.56	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2398	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	27.43	252.25	302.21	200.00	0.39	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2399	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	11.82	257.71	757.37	400.00	2.11	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2400	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	11.82	257.71	757.37	1000.00	4.75	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2401	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	23.27	888.43	454.81	400.00	0.71	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2402	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	19.21	228.06	344.25	300.00	0.86	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2403	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	9.17	144.21	545.97	300.00	0.99	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2404	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	9.17	144.21	545.97	1000.00	2.79	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2405	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	24.54	1026.09	624.18	250.00	0.67	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2406	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	27.43	252.25	302.21	150.00	0.54	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2407	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	21.81	217.83	246.22	200.00	0.57	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2408	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	7.73	150.17	394.68	200.00	0.30	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2409	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	15.18	83.13	264.27	200.00	0.23	Li Y. (2012). Studies on mitigate nitrous oxide emission by crop rotation system and exert nitrification inhibitor DCD from vegetable field.(in Chinese with English abstract).Master dissertation of Huazhong Agricultral University (Wuhan, China)
2410	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	25.71	706.81	870.24	0.00	0.30	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2411	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	25.71	706.81	870.24	90.00	0.70	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2412	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	25.71	706.81	870.24	270.00	2.31	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2413	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	25.71	706.81	870.24	360.00	4.13	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2414	30.28	114.20	vegetable	1.30	5.43	4.34	0.32	28.00	15.18	83.13	264.27	1000.00	2.44	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2415	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	27.34	90.27	370.32	0.00	0.20	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2416	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	27.34	90.27	370.32	60.00	0.41	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2417	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	27.34	90.27	370.32	180.00	1.36	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2418	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	27.34	90.27	370.32	240.00	3.34	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2419	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	9.90	199.45	531.54	0.00	0.18	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2420	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	9.90	199.45	531.54	60.00	0.47	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2421	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	9.90	199.45	531.54	180.00	1.27	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2422	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	9.90	199.45	531.54	240.00	3.41	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2423	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	16.34	147.30	223.86	0.00	0.05	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2424	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	16.34	147.30	223.86	40.00	0.18	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2425	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	16.34	147.30	223.86	120.00	0.81	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2426	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	16.34	147.30	223.86	160.00	1.79	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2427	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	25.26	931.62	1098.99	0.00	0.58	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2428	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	25.26	931.62	1098.99	90.00	0.83	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2429	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	25.26	931.62	1098.99	270.00	2.69	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2430	30.28	114.20	vegetable	1.30	5.12	8.60	1.28	28.00	25.26	931.62	1098.99	360.00	7.59	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2431	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	26.93	238.37	349.80	0.00	0.21	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2432	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	26.93	238.37	349.80	60.00	0.47	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2433	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	26.93	238.37	349.80	180.00	1.76	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2434	30.28	114.20	vegetable	1.30	5.12	8.60	1.28	28.00	26.93	238.37	349.80	240.00	5.15	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2435	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	11.73	338.04	646.20	0.00	0.19	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2436	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	11.73	338.04	646.20	75.00	0.42	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2437	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	11.73	338.04	646.20	225.00	1.02	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2438	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	11.73	338.04	646.20	300.00	2.68	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2439	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	15.31	238.23	176.59	0.00	0.05	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2440	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	15.31	238.23	176.59	50.00	0.09	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2441	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	15.31	238.23	176.59	150.00	0.44	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2442	30.28	114.20	vegetable	1.30	5.12	8.60	0.28	28.00	15.31	238.23	176.59	200.00	0.90	Qiu W. (2011). Studies on greenhouse gas nitrous oxide emission and its mitigation from vegetable field. (in Chinese with English abstract).PhD dissertation of Huazhong Agricultral University (Wuhan, China)
2443	32.02	118.87	vegetable	1.30	5.38	13.11	1.53	31.00	25.76	212.99	313.04	0.00	2.65	Cao B. et al. (2005). Effects of low rate nitrogen application on Brassica chinensis growth and N losses.(in Chinese with English abstract).Journal of Plant Nutrition and Fertilizers. 11(4): 519-524
2444	32.02	118.87	vegetable	1.30	5.38	13.11	1.53	31.00	25.76	212.99	313.04	75.00	3.26	Cao B. et al. (2005). Effects of low rate nitrogen application on Brassica chinensis growth and N losses.(in Chinese with English abstract).Journal of Plant Nutrition and Fertilizers. 11(4): 519-524
2445	32.02	118.87	vegetable	1.30	5.38	13.11	1.53	31.00	25.76	212.99	313.04	0.00	1.77	Zhang P. (2012). Research on the environmental effects and vegetable yield and quality of coated controlled release fertilzers. (in Chinese with English abstract).Master dissertation of Shanxi Normal University (Taiyuan, China)
2446	32.02	118.87	vegetable	1.30	5.38	13.11	1.53	31.00	25.76	212.99	313.04	150.00	2.03	Zhang P. (2012). Research on the environmental effects and vegetable yield and quality of coated controlled release fertilzers. (in Chinese with English abstract).Master dissertation of Shanxi Normal University (Taiyuan, China)
2447	32.15	118.93	vegetable	1.30	7.55	14.68	1.52	31.00	25.76	212.99	313.04	0.00	7.76	Cao B. et al. (2006). Use effic iency and fate of fer tilizer N in tom ato field of Nanjing suburb. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 17(10): 1839-184
2448	32.15	118.93	vegetable	1.30	5.55	14.68	1.52	31.00	25.76	212.99	713.04	300.00	17.60	Cao B. et al. (2006). Use efficiency and fate of fertilizer N in tomato field of Nanjing suburb. Chinese Journal of Applied Ecology. 17(10): 1839-1844
2449	32.15	118.93	vegetable	1.30	5.55	14.68	1.52	31.00	25.76	212.99	713.04	200.00	13.00	Cao B. et al. (2006). Use efficiency and fate of fertilizer N in tomato field of Nanjing suburb. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 17(10): 1839-1844
2450	32.15	118.93	vegetable	1.30	5.55	14.68	1.52	31.00	25.76	212.99	713.04	200.00	17.60	Cao B. et al. (2006). Use efficiency and fate of fertilizer N in tomato field of Nanjing suburb. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 17(10): 1839-1844
2451	32.15	118.93	vegetable	1.40	7.55	14.68	1.52	31.00	25.76	212.99	313.04	0.00	1.77	Cao B.et al.(2006). Denitrification losses and N_2O emissions from nitrogen fertilizer applied to a vegetable field. Pedosphere. 16(3): 390-397
2452	32.15	118.93	vegetable	1.40	7.55	14.68	1.52	31.00	25.76	212.99	313.04	180.00	4.71	Cao B.et al.(2006). Denitrification losses and N_2O emissions from nitrogen fertilizer applied to a vegetable field. Pedosphere. 16(3): 390-397
2453	32.15	118.93	vegetable	1.40	7.55	14.68	1.52	31.00	25.76	212.99	313.04	300.00	5.03	Cao B.et al.(2006). Denitrification losses and N_2O emissions from nitrogen fertilizer applied to a vegetable field. Pedosphere. 16(3): 390-397
2454	32.15	118.93	vegetable	1.40	7.55	14.68	1.52	31.00	25.76	212.99	713.04	600.00	11.10	Cao B.et al.(2006). Denitrification losses and N_2O emissions from nitrogen fertilizer applied to a vegetable field. Pedosphere. 16(3): 390-397
2455	32.02	118.87	vegetable	1.20	5.50	15.60	1.90	30.10	16.97	1104.60	1810.00	0.00	0.06	Li B. et al. (2014). Effects of nitrogen fertilizer and biochar on net global warmming potential of intensively managed vegetable fields. (in Chinese with English abstract). China Sciencepaper. 9(9)
2456	32.02	118.87	vegetable	1.20	5.50	15.60	1.90	30.10	16.97	1104.60	1810.00	1766.70	42.20	Li B. et al. (2014). Effects of nitrogen fertilizer and biochar on net global warmming potential of intensively managed vegetable fields. (in Chinese with English abstract). China Sciencepaper. 9(9)
2457	32.02	118.87	vegetable	1.20	5.50	15.60	1.90	30.10	16.97	1104.60	1810.00	1766.70	41.50	Li B. et al. (2014). Effects of nitrogen fertilizer and biochar on net global warmming potential of intensively managed vegetable fields. (in Chinese with English abstract). China Sciencepaper. 9(9)
2458	32.02	118.87	vegetable	1.20	5.50	15.60	1.90	30.10	16.97	1104.60	1810.00	1766.70	31.90	Li B. et al. (2014). Effects of nitrogen fertilizer and biochar on net global warmming potential of intensively managed vegetable fields. (in Chinese with English abstract). China Sciencepaper. 9(9)
2459	31.60	121.80	vegetable	1.42	7.76	9.38	0.51	21.00	23.40	762.00	781.50	0.00	0.10	Feng N. (2013).Effects of different fertilizati on the soil practices and the greenhouse gas emissions of cauliflower and broccoli. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
2460	31.60	121.80	vegetable	1.42	7.76	9.38	0.51	21.00	23.40	762.00	781.50	600.00	2.26	Feng N. (2013).Effects of different fertilizati on the soil practices and the greenhouse gas emissions of cauliflower and broccoli. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
2461	31.60	121.80	vegetable	1.42	7.76	9.38	0.51	21.00	23.40	762.00	781.50	492.00	1.85	Feng N. (2013).Effects of different fertilizati on the soil practices and the greenhouse gas emissions of cauliflower and broccoli. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
2462	31.60	121.80	vegetable	1.42	7.76	9.38	0.51	21.00	23.40	762.00	781.50	369.00	1.99	Feng N. (2013).Effects of different fertilizati on the soil practices and the greenhouse gas emissions of cauliflower and broccoli. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
2463	31.60	121.80	vegetable	1.42	7.76	9.38	0.51	21.00	23.40	762.00	781.50	417.00	2.01	Feng N. (2013).Effects of different fertilizati on the soil practices and the greenhouse gas emissions of cauliflower and broccoli. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
2464	31.60	121.80	vegetable	1.42	7.89	7.94	0.81	21.00	23.40	762.00	781.50	370.00	2.46	Feng N. (2013).Effects of different fertilizati on the soil practices and the greenhouse gas emissions of cauliflower and broccoli. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
2465	31.60	121.80	vegetable	1.42	7.89	7.94	0.81	21.00	23.40	762.00	781.50	332.50	1.88	Feng N. (2013).Effects of different fertilizati on the soil practices and the greenhouse gas emissions of cauliflower and broccoli. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
2466	31.60	121.80	vegetable	1.42	7.89	7.94	0.81	21.00	23.40	762.00	781.50	332.50	1.83	Feng N. (2013).Effects of different fertilizati on the soil practices and the greenhouse gas emissions of cauliflower and broccoli. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
2467	31.60	121.80	vegetable	1.42	7.89	7.94	0.81	21.00	23.40	762.00	781.50	332.50	2.11	Feng N. (2013).Effects of different fertilizati on the soil practices and the greenhouse gas emissions of cauliflower and broccoli. (in Chinese with English abstract). Master dissertation of Nanjing Agricultral University (Nanjing, China)
2468	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	26.00	22.18	295.75	474.86	0.00	0.49	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2469	30.48	114.36	vegetable	1.32	5.12	8.75	1.28	26.00	22.18	295.75	474.86	40.00	1.61	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2470	30.48	114.36	vegetable	1.32	5.12	8.75	1.28	26.00	22.18	295.75	474.86	80.00	2.76	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2471	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	26.00	22.18	295.75	474.86	120.00	1.08	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2472	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	26.00	22.18	295.75	474.86	160.00	2.56	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2473	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	26.00	29.60	305.44	388.07	0.00	0.13	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2474	30.48	114.36	vegetable	1.32	5.12	8.75	1.28	26.00	29.60	305.44	388.07	20.00	0.57	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2475	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	26.00	29.60	305.44	388.07	40.00	0.64	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2476	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	26.00	29.60	305.44	388.07	60.00	0.57	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2477	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	26.00	29.60	305.44	388.07	80.00	0.65	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2478	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	26.00	10.93	231.21	239.61	0.00	0.72	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2479	30.48	114.36	vegetable	1.32	5.12	8.75	1.28	26.00	10.93	231.21	239.61	60.00	1.38	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2480	30.48	114.36	vegetable	1.32	5.12	8.75	1.28	26.00	10.93	231.21	239.61	120.00	2.48	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2481	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	26.00	10.93	231.21	239.61	180.00	1.62	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2482	30.48	114.36	vegetable	1.32	5.12	8.75	0.28	26.00	10.93	231.21	239.61	240.00	2.38	Liu Z. et al. (2007). Effects of nitrogen application on N2O emission from vegetable fields. (in Chinese with English abstract). Master dissertation of Hunan Agricultral University (Hunan, China)
2483	39.71	115.83	vegetable	1.52	7.85	5.92	0.85	20.00	22.64	158.04	549.42	0.00	0.53	Liu Y. et al. (2012). Effects of nitrification inhabitor on the transformation og urea and greenhouse gas emission in vegetable soil. (in Chinese with English abstract). Master dissertation of Hebei Agricultral University (Hebei, China)
2484	39.71	115.83	vegetable	1.52	7.85	5.92	0.85	20.00	22.64	158.04	549.42	400.00	3.01	Liu Y. et al. (2012). Effects of nitrification inhabitor on the transformation og urea and greenhouse gas emission in vegetable soil. (in Chinese with English abstract). Master dissertation of Hebei Agricultral University (Hebei, China)
2485	39.71	115.83	vegetable	1.52	7.85	5.92	0.85	20.00	22.64	158.04	549.42	400.00	2.45	Liu Y. et al. (2012). Effects of nitrification inhabitor on the transformation og urea and greenhouse gas emission in vegetable soil. (in Chinese with English abstract). Master dissertation of Hebei Agricultral University (Hebei, China)
2486	39.71	115.83	vegetable	1.52	7.85	5.92	0.85	20.00	22.64	158.04	549.42	400.00	2.29	Liu Y. et al. (2012). Effects of nitrification inhabitor on the transformation og urea and greenhouse gas emission in vegetable soil. (in Chinese with English abstract). Master dissertation of Hebei Agricultral University (Hebei, China)
2487	39.71	115.83	vegetable	1.52	7.85	5.92	0.85	20.00	22.64	158.04	549.42	400.00	2.12	Liu Y. et al. (2012). Effects of nitrification inhabitor on the transformation og urea and greenhouse gas emission in vegetable soil. (in Chinese with English abstract). Master dissertation of Hebei Agricultral University (Hebei, China)
2488	32.02	118.87	vegetable	1.30	5.80	18.60	2.10	30.40	5.85	196.46	197.18	0.00	0.84	Jia J. et al.(2012). Net ecosystem carbon budget, net global warming potential and greenhouse gas intensity in intensive vegetable ecosystems in China. Agriculture, Ecosystems & Environment. 150: 27-37
2489	32.02	118.87	vegetable	1.30	5.80	18.60	2.10	30.40	5.93	302.64	239.48	728.00	6.18	Jia J. et al.(2012). Net ecosystem carbon budget, net global warming potential and greenhouse gas intensity in intensive vegetable ecosystems in China. Agriculture, Ecosystems & Environment. 150: 27-37
2490	32.02	118.87	vegetable	1.30	5.80	18.60	2.10	30.40	27.72	536.70	861.59	116.00	43.84	Jia J. et al.(2012). Net ecosystem carbon budget, net global warming potential and greenhouse gas intensity in intensive vegetable ecosystems in China. Agriculture, Ecosystems & Environment. 150: 27-37

2491	32.02	118.87	vegetable	1.30	5.80	18.60	2.10	30.40	9.41	386.25	586.60	819.00	10.26	Jia J. et al.(2012). Net ecosystem carbon budget, net global warming potential and greenhouse gas intensity in intensive vegetable ecosystems in China. Agriculture, Ecosystems & Environment. 150: 27-37
2492	32.02	118.87	vegetable	1.30	5.80	18.60	2.10	30.40	28.29	187.87	634.81	1247.00	19.98	Jia J. et al.(2012). Net ecosystem carbon budget, net global warming potential and greenhouse gas intensity in intensive vegetable ecosystems in China. Agriculture, Ecosystems & Environment. 150: 27-37
2493	32.02	118.87	vegetable	1.30	5.80	18.60	2.10	30.40	15.01	45.55	199.77	289.00	3.52	Jia J. et al.(2012). Net ecosystem carbon budget, net global warming potential and greenhouse gas intensity in intensive vegetable ecosystems in China. Agriculture, Ecosystems & Environment. 150: 27-37
2494	32.02	118.87	vegetable	1.30	5.80	18.60	2.10	30.40	19.88	300.03	844.96	445.00	14.05	Jia J. et al.(2012). Net ecosystem carbon budget, net global warming potential and greenhouse gas intensity in intensive vegetable ecosystems in China. Agriculture, Ecosystems & Environment. 150: 27-37
2495	32.02	118.87	vegetable	1.30	5.80	18.60	2.10	30.40	27.72	536.70	461.59	232.00	8.30	Jia J. et al.(2012). Net ecosystem carbon budget, net global warming potential and greenhouse gas intensity in intensive vegetable ecosystems in China. Agriculture, Ecosystems & Environment. 150: 27-37
2496	32.02	118.87	vegetable	1.30	5.80	18.60	2.10	30.40	28.29	187.87	334.81	469.00	2.94	Jia J. et al.(2012). Net ecosystem carbon budget, net global warming potential and greenhouse gas intensity in intensive vegetable ecosystems in China. Agriculture, Ecosystems & Environment. 150: 27-37
2497	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	0.00	0.05	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2498	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	225.00	13.60	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2499	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	90.00	6.15	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2500	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	180.00	7.19	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2501	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	270.00	9.29	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2502	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	90.00	5.12	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2503	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	180.00	8.19	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2504	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	270.00	12.26	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2505	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	90.00	6.13	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2506	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	180.00	8.20	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2507	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	270.00	10.27	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2508	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	90.00	4.17	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2509	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	180.00	8.22	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2510	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	270.00	9.28	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2511	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	90.00	6.13	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2512	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	180.00	8.16	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2513	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	270.00	13.25	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2514	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	90.00	5.14	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2515	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	180.00	7.19	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2516	26.12	119.33	vegetable	1.32	5.51	13.28	1.75	27.90	23.35	971.15	543.72	270.00	10.29	Hu X. et al. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dissertation of Fujian Agriculture and Forestry University (Fujian, China).
2517	31.99	118.78	vegetable	1.30	5.38	13.11	1.53	31.00	25.76	212.99	313.04	0.00	1.65	Cao B. et al. (2005). Effects of low rate nitrogen application on brassica chinensis growth and N losses. Plant Nutrition and Fertilizer Science. 11(4): 519-524
2518	31.99	118.78	vegetable	1.30	5.38	13.11	1.53	31.00	25.76	212.99	313.04	75.00	3.26	Cao B. et al. (2005). Effects of low rate nitrogen application on brassica chinensis growth and N losses. Plant Nutrition and Fertilizer Science. 11(4): 519-524
2519	31.99	118.78	vegetable	1.30	5.38	13.11	1.53	31.00	25.76	212.99	313.04	150.00	2.03	Cao B. et al. (2005). Effects of low rate nitrogen application on brassica chinensis growth and N losses. Plant Nutrition and Fertilizer Science. 11(4): 519-524
2520	41.52	123.40	vegetable	1.37	7.24	14.10	1.50	19.70	19.52	504.15	958.08	0.00	2.02	Lou Y. et al. (2012). Soil nitrate distribution, N2O emission and crop performance after the application of N fertilizers to greenhouse vegetables. Soil Use and Management. 28: 299-306
2521	41.52	123.40	vegetable	1.37	7.24	14.10	1.50	19.70	19.52	504.15	958.08	300.00	7.48	Lou Y. et al. (2012). Soil nitrate distribution, N2O emission and crop performance after the application of N fertilizers to greenhouse vegetables. Soil Use and Management. 28: 299-306
2522	41.52	123.40	vegetable	1.37	7.24	14.10	1.50	19.70	19.52	504.15	958.08	600.00	16.20	Lou Y. et al. (2012). Soil nitrate distribution, N2O emission and crop performance after the application of N fertilizers to greenhouse vegetables. Soil Use and Management. 28: 299-306
2523	24.95	102.72	vegetable	1.31	7.12	17.92	2.12	23.00	18.93	684.17	865.35	0.00	3.07	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
2524	24.95	102.72	vegetable	1.31	7.12	17.92	2.12	23.00	18.93	684.17	865.35	450.00	5.25	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
2525	24.95	102.72	vegetable	1.31	7.12	17.92	2.12	23.00	18.93	684.17	865.35	1200.00	9.35	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
2526	24.95	102.72	vegetable	1.31	7.12	17.92	2.12	23.00	18.93	684.17	865.35	450.00	6.66	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
2527	24.95	102.72	vegetable	1.31	7.12	17.92	2.12	23.00	18.93	684.17	865.35	1200.00	12.12	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
2528	26.12	119.33	vegetable	1.32	5.51	8.82	1.75	27.90	25.78	924.15	638.98	0.00	0.50	Hu X. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dessertation of Fujian Agriculture and Forestry University. (Fuzhou, China)
2529	26.12	119.33	vegetable	1.32	5.51	8.82	1.75	27.90	25.78	924.15	638.98	225.00	11.60	Hu X. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dessertation of Fujian Agriculture and Forestry University. (Fuzhou, China)
2530	26.12	119.33	vegetable	1.32	5.51	8.82	1.75	27.90	25.78	924.15	638.98	450.00	24.10	Hu X. (2010). Fate of fertilizer nitrogen in vegetable field. (in Chinese with English abstract). Master dessertation of Fujian Agriculture and Forestry University. (Fuzhou, China)
2531	39.55	116.43	vegetable	1.39	7.82	5.78	0.71	18.00	22.14	354.52	835.47	0.00	0.71	Zhang Z. et al.(2010). Effects of different fertilizer levels on N2O flux from protected vegetable land. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 26: 269-275
2532	39.55	116.43	vegetable	1.39	7.82	5.78	0.71	18.00	22.14	354.52	835.47	285.60	4.10	Zhang Z. et al.(2010). Effects of different fertilizer levels on N2O flux from protected vegetable land. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 26: 269-275
2533	39.55	116.43	vegetable	1.39	7.82	9.97	0.71	18.00	23.00	458.25	549.90	285.60	4.10	Zhang Z. et al.(2010). Effects of different fertilizer levels on N2O flux from protected vegetable land. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 26: 269-275
2534	39.55	116.43	vegetable	1.39	7.82	9.97	0.71	18.00	23.00	458.25	549.90	535.60	5.26	Zhang Z. et al.(2010). Effects of different fertilizer levels on N2O flux from protected vegetable land. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 26: 269-275
2535	39.55	116.43	vegetable	1.39	7.82	9.97	0.71	18.00	23.00	458.25	549.90	785.60	4.58	Zhang Z. et al.(2010). Effects of different fertilizer levels on N2O flux from protected vegetable land. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 26: 269-275
2536	39.55	116.43	vegetable	1.39	7.82	9.97	0.71	18.00	23.00	458.25	549.90	1035.60	6.93	Zhang Z. et al.(2010). Effects of different fertilizer levels on N2O flux from protected vegetable land. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 26: 269-275
2537	39.55	116.43	vegetable	1.39	7.82	9.97	0.71	18.00	23.00	458.25	549.90	1285.60	10.15	Zhang Z. et al.(2010). Effects of different fertilizer levels on N2O flux from protected vegetable land. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering. 26: 269-275
2538	30.47	116.35	vegetable	1.40	5.80	6.80	0.20	22.00	21.22	1451.41	722.59	0.00	0.48	Qiu W. et al.(2010). Effects of nitrogen application rates on nitrous oxide emission from a typical intensive vegetable cropping system. (in Chinese with English abstract). Journal of Agro-Environmental Science. 29: 2238-2243
2539	30.47	116.35	vegetable	1.40	5.80	6.80	0.20	22.00	21.22	1451.41	722.59	200.00	1.38	Qiu W. et al.(2010). Effects of nitrogen application rates on nitrous oxide emission from a typical intensive vegetable cropping system. (in Chinese with English abstract). Journal of Agro-Environmental Science. 29: 2238-2243
2540	30.47	116.35	vegetable	1.40	5.80	6.80	0.20	22.00	21.22	1451.41	722.59	400.00	4.05	Qiu W. et al.(2010). Effects of nitrogen application rates on nitrous oxide emission from a typical intensive vegetable cropping system. (in Chinese with English abstract). Journal of Agro-Environmental Science. 29: 2238-2243
2541	30.47	116.35	vegetable	1.40	5.80	6.80	0.20	22.00	21.22	1451.41	722.59	600.00	7.70	Qiu W. et al.(2010). Effects of nitrogen application rates on nitrous oxide emission from a typical intensive vegetable cropping system. (in Chinese with English abstract). Journal of Agro-Environmental Science. 29: 2238-2243
2542	30.47	116.35	vegetable	1.40	5.80	6.80	0.20	22.00	21.22	1451.41	722.59	760.00	10.84	Qiu W. et al.(2010). Effects of nitrogen application rates on nitrous oxide emission from a typical intensive vegetable cropping system. (in Chinese with English abstract). Journal of Agro-Environmental Science. 29: 2238-2243
2543	30.47	116.35	vegetable	1.40	5.80	6.80	0.20	22.00	21.22	1451.41	722.59	0.00	0.49	Qiu W. et al.(2010). Effects of nitrogen application rates on nitrous oxide emission from a typical intensive vegetable cropping system. (in Chinese with English abstract). Journal of Agro-Environmental Science. 29: 2238-2243
2544	30.47	116.35	vegetable	1.40	5.80	6.80	0.20	22.00	21.22	1451.41	722.59	230.00	1.32	Qiu W. et al.(2010). Effects of nitrogen application rates on nitrous oxide emission from a typical intensive vegetable cropping system. (in Chinese with English abstract). Journal of Agro-Environmental Science. 29: 2238-2243
2545	30.47	116.35	vegetable	1.40	5.80	6.80	0.20	22.00	21.22	1451.41	722.59	460.00	4.93	Qiu W. et al.(2010). Effects of nitrogen application rates on nitrous oxide emission from a typical intensive vegetable cropping system. (in Chinese with English abstract). Journal of Agro-Environmental Science. 29: 2238-2243
2546	30.47	116.35	vegetable	1.40	5.80	6.80	0.20	22.00	21.22	1451.41	722.59	690.00	7.95	Qiu W. et al.(2010). Effects of nitrogen application rates on nitrous oxide emission from a typical intensive vegetable cropping system. (in Chinese with English abstract). Journal of Agro-Environmental Science. 29: 2238-2243
2547	30.47	116.35	vegetable	1.40	5.80	6.80	0.20	22.00	21.22	1451.41	722.59	880.00	10.29	Qiu W. et al.(2010). Effects of nitrogen application rates on nitrous oxide emission from a typical intensive vegetable cropping system. (in Chinese with English abstract). Journal of Agro-Environmental Science. 29: 2238-2243
2548	32.58	119.70	vegetable	1.16	8.00	20.10	1.51	13.60	25.26	586.04	575.48	0.00	0.19	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2549	32.58	119.70	vegetable	1.16	5.80	20.10	1.51	13.60	25.26	586.04	575.48	232.00	20.81	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2550	32.58	119.70	vegetable	1.16	7.90	15.60	1.58	14.00	25.26	586.04	575.48	0.00	0.34	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2551	32.58	119.70	vegetable	1.16	5.90	15.60	1.58	14.00	25.26	586.04	575.48	175.00	10.90	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2552	32.58	119.70	vegetable	1.16	7.90	15.60	1.58	14.00	25.26	586.04	575.48	0.00	0.19	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2553	32.58	119.70	vegetable	1.16	7.90	15.60	1.58	14.00	25.26	586.04	575.48	215.00	0.70	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2554	32.58	119.70	vegetable	1.16	7.90	15.60	1.58	14.00	25.26	586.04	575.48	0.00	0.39	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2555	32.58	119.70	vegetable	1.16	7.90	15.60	1.58	14.00	25.26	586.04	575.48	315.00	1.00	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2556	32.58	119.70	vegetable	1.16	7.90	15.60	1.58	14.00	25.26	586.04	575.48	0.00	0.25	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2557	32.58	119.70	vegetable	1.16	5.90	15.60	1.58	14.00	25.26	586.04	575.48	118.00	4.80	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2558	32.58	119.70	vegetable	1.16	7.90	15.60	1.58	14.00	25.26	586.04	575.48	0.00	0.09	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2559	32.58	119.70	vegetable	1.16	7.90	15.60	1.58	14.00	25.26	586.04	575.48	418.00	11.00	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2560	32.58	119.70	vegetable	1.16	8.00	34.65	1.51	13.60	31.80	693.00	831.60	0.00	0.25	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2561	32.58	119.70	vegetable	1.16	7.90	15.60	1.58	14.00	25.26	586.04	575.48	393.00	2.70	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2562	32.58	119.70	vegetable	1.16	7.90	15.60	1.58	14.00	25.26	586.04	575.48	0.00	0.19	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2563	31.62	120.47	vegetable	1.20	6.20	12.00	1.46	31.00	25.86	565.56	661.31	68.00	2.30	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2564	31.62	120.47	vegetable	1.20	6.20	20.69	1.46	31.00	32.00	810.00	972.00	68.00	2.30	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2565	37.78	115.30	vegetable	1.35	7.60	15.40	1.55	13.47	22.99	349.33	889.88	675.00	3.62	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2566	37.78	115.30	vegetable	1.35	7.60	15.40	1.55	13.47	22.99	349.33	889.88	675.00	2.90	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2567	39.43	116.22	vegetable	1.39	7.90	19.30	1.18	18.00	19.56	558.60	450.88	0.00	0.18	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2568	39.43	116.22	vegetable	1.39	7.90	19.30	1.18	18.00	19.56	558.60	450.88	300.00	1.22	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2569	39.43	116.22	vegetable	1.39	7.90	19.30	1.18	18.00	19.56	558.60	450.88	450.00	1.46	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2570	39.43	116.22	vegetable	1.39	7.90	19.30	1.18	18.00	19.56	558.60	450.88	0.00	0.26	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2571	39.43	116.22	vegetable	1.39	7.90	19.30	1.18	18.00	19.56	558.60	450.88	300.00	1.42	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2572	39.43	116.22	vegetable	1.39	7.90	19.30	1.18	18.00	19.56	558.60	450.88	450.00	2.02	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2573	39.43	116.22	vegetable	1.39	7.90	33.28	1.18	18.00	23.00	458.25	549.90	300.00	1.22	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2574	39.43	116.22	vegetable	1.39	7.90	33.28	1.18	18.00	23.00	458.25	549.90	450.00	1.46	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2575	39.43	116.22	vegetable	1.39	7.90	33.28	1.18	18.00	23.00	458.25	549.90	300.00	1.42	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2576	39.43	116.22	vegetable	1.39	7.90	33.28	1.18	18.00	23.00	458.25	549.90	450.00	2.02	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2577	39.43	116.22	vegetable	1.39	7.90	33.28	1.18	18.00	23.00	458.25	549.90	0.00	0.18	Yang Y. et al.(2013). Effects of different fertilizer and irrigation levels on N2O emission from greenhollse vegetable lands. (in Chinese with English abstract). Plant Nutrition and Fenilizer Science. 9:430-436
2578	37.78	115.30	vegetable	1.35	7.60	15.40	1.55	13.47	22.99	349.33	889.88	900.00	5.30	Xiao W. et al.(2013). Relationship between nitrogen application rate and nitrious oxide emission and effect of nitrification inhibitior in vegatable farming system. (in Chinese with English abstract). Acta Pedologica Sinica. 50: 743-751
2579	37.78	115.30	vegetable	1.35	7.60	15.40	1.55	13.47	22.99	349.33	889.88	900.00	4.91	Xiao W. et al.(2013). Relationship between nitrogen application rate and nitrious oxide emission and effect of nitrification inhibitior in vegatable farming system. (in Chinese with English abstract). Acta Pedologica Sinica. 50: 743-751
2580	31.54	120.72	vegetable	1.40	5.60	10.09	2.20	12.10	25.96	590.39	632.28	0.00	2.33	Xiao W. et al.(2013). Relationship between nitrogen application rate and nitrious oxide emission and effect of nitrification inhibitior in vegatable farming system. (in Chinese with English abstract). Acta Pedologica Sinica. 50: 743-751
2581	31.54	120.72	vegetable	1.40	5.60	10.09	2.20	12.10	25.96	590.39	632.28	200.00	6.22	Xiao W. et al.(2013). Relationship between nitrogen application rate and nitrious oxide emission and effect of nitrification inhibitior in vegatable farming system. (in Chinese with English abstract). Acta Pedologica Sinica. 50: 743-751
2582	31.54	120.72	vegetable	1.40	5.60	10.09	2.20	12.10	25.96	590.39	632.28	300.00	9.68	Xiao W. et al.(2013). Relationship between nitrogen application rate and nitrious oxide emission and effect of nitrification inhibitior in vegatable farming system. (in Chinese with English abstract). Acta Pedologica Sinica. 50: 743-751
2583	31.54	120.72	vegetable	1.40	5.60	10.09	2.20	12.10	25.96	590.39	632.28	400.00	11.01	Xiao W. et al.(2013). Relationship between nitrogen application rate and nitrious oxide emission and effect of nitrification inhibitior in vegatable farming system. (in Chinese with English abstract). Acta Pedologica Sinica. 50: 743-751
2584	40.10	116.22	vegetable	1.30	7.80	11.08	1.24	12.46	23.30	500.00	600.00	0.00	0.44	Lin M. et al.(2012). Study on the charaxteristics of CO2 and N2O emission from different vegatable soils. (in Chinese with English abstract). Soils and Fertilizers Sciences in China. 4:11-17
2585	40.10	116.22	vegetable	1.30	7.80	19.10	1.24	12.46	23.00	480.00	576.00	636.00	1.14	Lin M. et al.(2012). Study on the charaxteristics of CO2 and N2O emission from different vegatable soils. (in Chinese with English abstract). Soils and Fertilizers Sciences in China. 4:11-17
2586	40.10	116.22	vegetable	1.30	7.80	19.10	1.24	12.46	23.00	480.00	576.00	811.50	3.89	Lin M. et al.(2012). Study on the charaxteristics of CO2 and N2O emission from different vegatable soils. (in Chinese with English abstract). Soils and Fertilizers Sciences in China. 4:11-17

2587	40.50	116.40	vegetable	1.52	7.82	9.90	0.70	22.00	13.75	354.00	172.00	0.00	0.71	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2588	40.50	116.40	vegetable	1.52	7.82	9.90	0.70	22.00	13.75	354.00	172.00	285.60	4.10	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2589	40.50	116.40	vegetable	1.52	7.82	9.90	0.70	22.00	13.75	354.00	172.00	535.60	5.26	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2590	40.50	116.40	vegetable	1.52	7.82	9.90	0.70	22.00	13.75	354.00	172.00	785.60	4.58	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2591	40.50	116.40	vegetable	1.52	7.82	9.90	0.70	22.00	13.75	354.00	172.00	1035.60	6.93	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2592	40.50	116.40	vegetable	1.52	7.82	9.90	0.70	22.00	13.75	354.00	172.00	1285.60	10.15	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2593	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	23.89	495.00	715.00	0.00	0.75	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2594	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	23.89	495.00	715.00	200.00	1.22	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2595	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	23.89	495.00	715.00	0.00	0.83	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2596	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	23.89	495.00	715.00	200.00	1.08	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2597	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	23.89	495.00	715.00	0.00	0.48	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2598	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	23.89	495.00	715.00	200.00	0.78	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2599	24.95	102.65	vegetable	1.40	7.12	20.00	2.12	22.00	20.20	516.00	973.00	0.00	3.07	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2600	24.95	102.65	vegetable	1.40	7.12	20.00	2.12	22.00	20.20	516.00	973.00	450.00	5.25	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2601	24.95	102.65	vegetable	1.40	7.12	20.00	2.12	22.00	20.20	516.00	973.00	1200.00	9.35	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2602	24.95	102.65	vegetable	1.40	7.12	20.00	2.12	22.00	20.20	516.00	973.00	0.00	3.67	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2603	24.95	102.65	vegetable	1.40	7.12	20.00	2.12	22.00	20.20	516.00	973.00	450.00	6.66	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2604	24.95	102.65	vegetable	1.40	7.12	20.00	2.12	22.00	20.20	516.00	973.00	1200.00	12.12	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2605	24.95	102.65	vegetable	1.40	7.12	20.00	2.12	22.00	20.20	516.00	973.00	0.00	1.77	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2606	24.95	102.65	vegetable	1.40	7.12	20.00	2.12	22.00	20.20	516.00	973.00	180.00	4.71	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2607	24.95	102.65	vegetable	1.40	7.12	20.00	2.12	22.00	20.20	516.00	973.00	300.00	5.03	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2608	24.95	102.65	vegetable	1.40	7.12	20.00	2.12	22.00	20.20	516.00	973.00	600.00	11.10	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2609	37.80	115.50	vegetable	1.37	8.60	15.40	0.51	22.00	22.39	390.00	900.00	0.00	0.44	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2610	37.80	115.50	vegetable	1.37	8.60	15.40	0.51	22.00	22.39	390.00	900.00	900.00	3.30	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2611	37.80	115.50	vegetable	1.37	8.60	15.40	0.51	22.00	22.39	390.00	900.00	1200.00	4.75	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2612	37.80	115.50	vegetable	1.37	8.60	15.40	0.51	22.00	22.39	390.00	900.00	600.00	1.38	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2613	37.80	115.50	vegetable	1.37	8.60	15.40	0.51	22.00	22.39	390.00	900.00	900.00	1.81	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2614	37.80	115.50	vegetable	1.37	8.60	15.40	0.51	22.00	22.39	390.00	900.00	1200.00	3.01	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2615	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	0.00	1.70	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2616	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	360.00	2.30	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2617	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	1080.00	3.80	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2618	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	520.00	2.50	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2619	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	0.00	2.70	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2620	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	316.00	3.60	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2621	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	946.00	5.80	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2622	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	443.00	4.20	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2623	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	24.35	390.00	735.00	0.00	0.83	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2624	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	24.35	390.00	735.00	360.00	1.10	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2625	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	24.35	390.00	735.00	720.00	2.20	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2626	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	24.35	390.00	735.00	160.00	1.30	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2627	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	24.35	390.00	735.00	0.00	1.90	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2628	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	24.35	390.00	735.00	316.00	2.70	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2629	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	24.35	390.00	735.00	630.00	4.70	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2630	30.68	103.80	vegetable	1.23	7.37	20.00	0.87	8.70	24.35	390.00	735.00	127.00	3.30	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2631	36.92	118.75	vegetable	1.51	5.71	18.30	1.37	22.00	13.55	189.00	834.00	0.00	0.40	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2632	36.92	118.75	vegetable	1.51	5.71	18.30	1.37	22.00	13.55	189.00	834.00	258.00	1.40	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2633	36.92	118.75	vegetable	1.51	5.71	18.30	1.37	22.00	13.55	189.00	834.00	720.00	2.70	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2634	36.92	118.75	vegetable	1.51	5.71	18.30	1.37	22.00	13.55	189.00	834.00	201.00	1.80	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2635	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	0.00	0.67	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2636	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	100.00	0.98	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2637	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	200.00	2.10	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2638	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	320.00	2.42	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2639	36.92	118.75	vegetable	1.51	6.03	14.65	1.21	22.00	13.55	189.00	834.00	360.00	4.98	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2640	30.58	114.30	vegetable	1.30	5.80	6.80	1.98	22.00	23.70	714.00	870.00	0.00	0.48	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2641	30.58	114.30	vegetable	1.30	5.80	6.80	1.98	22.00	23.70	714.00	870.00	200.00	1.38	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2642	30.58	114.30	vegetable	1.30	5.80	6.80	1.98	22.00	23.70	714.00	870.00	400.00	4.05	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2643	30.58	114.30	vegetable	1.30	5.80	6.80	1.98	22.00	23.70	714.00	870.00	600.00	7.70	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2644	30.58	114.30	vegetable	1.30	5.80	6.80	1.98	22.00	23.70	714.00	870.00	760.00	10.84	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2645	30.58	114.30	vegetable	1.30	5.80	18.30	1.37	22.00	25.68	690.00	879.00	0.00	0.49	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2646	30.58	114.30	vegetable	1.30	5.80	18.30	1.37	22.00	25.68	690.00	879.00	230.00	1.32	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2647	30.58	114.30	vegetable	1.30	5.80	18.30	1.37	22.00	25.68	690.00	879.00	460.00	4.93	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2648	30.58	114.30	vegetable	1.30	5.80	18.30	1.37	22.00	25.68	690.00	879.00	690.00	7.95	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2649	30.58	114.30	vegetable	1.30	5.80	18.30	1.37	22.00	25.68	690.00	879.00	880.00	10.29	Wang J. et al. (2011). Fertilizer-induced emission factors and background emissions of N2O from vegetable fields in China. Atmospheric Environment. 45(38): 6923-6929
2650	32.06	118.96	vegetable	1.13	5.50	14.70	1.90	54.50	13.83	157.50	999.00	0.00	1.09	Zhang Y. et al. (2016). Response of nitric and nitrous oxide fluxes to N fertilizer application in greenhouse vegetable cropping systems in southeast China. Scientific Reports. 6: 20700
2651	32.06	118.96	vegetable	1.13	5.50	14.70	1.90	54.50	13.83	157.50	999.00	260.00	4.97	Zhang Y. et al. (2016). Response of nitric and nitrous oxide fluxes to N fertilizer application in greenhouse vegetable cropping systems in southeast China. Scientific Reports. 6: 20700
2652	32.06	118.96	vegetable	1.13	5.50	14.70	1.90	54.50	13.83	157.50	999.00	400.00	5.20	Zhang Y. et al. (2016). Response of nitric and nitrous oxide fluxes to N fertilizer application in greenhouse vegetable cropping systems in southeast China. Scientific Reports. 6: 20700
2653	32.06	118.96	vegetable	1.13	5.50	14.70	1.90	54.50	13.83	157.50	999.00	520.00	6.06	Zhang Y. et al. (2016). Response of nitric and nitrous oxide fluxes to N fertilizer application in greenhouse vegetable cropping systems in southeast China. Scientific Reports. 6: 20700
2654	32.06	118.96	vegetable	1.13	5.50	14.70	1.90	54.50	21.15	319.20	511.20	0.00	0.62	Zhang Y. et al. (2016). Response of nitric and nitrous oxide fluxes to N fertilizer application in greenhouse vegetable cropping systems in southeast China. Scientific Reports. 6: 20700
2655	32.06	118.96	vegetable	1.13	5.50	14.70	1.90	54.50	21.15	319.20	511.20	100.00	1.78	Zhang Y. et al. (2016). Response of nitric and nitrous oxide fluxes to N fertilizer application in greenhouse vegetable cropping systems in southeast China. Scientific Reports. 6: 20700
2656	32.06	118.96	vegetable	1.13	5.50	14.70	1.90	54.50	21.15	319.20	511.20	150.00	2.09	Zhang Y. et al. (2016). Response of nitric and nitrous oxide fluxes to N fertilizer application in greenhouse vegetable cropping systems in southeast China. Scientific Reports. 6: 20700
2657	32.06	118.96	vegetable	1.13	5.50	14.70	1.90	54.50	21.15	319.20	511.20	200.00	2.70	Zhang Y. et al. (2016). Response of nitric and nitrous oxide fluxes to N fertilizer application in greenhouse vegetable cropping systems in southeast China. Scientific Reports. 6: 20700
2658	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	26.23	633.00	652.80	0.00	1.03	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2659	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	26.23	633.00	652.80	68.00	2.30	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2660	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	15.44	278.40	188.40	0.00	0.36	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2661	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	15.44	278.40	188.40	499.00	4.98	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2662	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	25.56	576.00	480.00	0.00	0.67	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2663	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	25.56	576.00	480.00	68.00	2.48	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2664	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	25.56	576.00	480.00	0.00	0.40	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2665	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	25.56	576.00	480.00	232.00	1.66	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2666	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	19.21	178.20	251.10	0.00	0.20	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2667	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	19.21	178.20	251.10	193.00	0.48	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2668	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	19.21	178.20	251.10	0.00	0.32	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2669	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	19.21	178.20	251.10	232.00	0.91	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2670	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	19.21	178.20	251.10	0.00	3.24	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2671	31.61	120.46	vegetable	1.30	6.20	12.00	1.46	17.10	19.21	178.20	251.10	1292.00	22.60	Deng J. et al. (2012). Annual emissions of nitrous oxide and nitric oxide from rice-wheat rotation and vegetable fields: a case study in the Tai-Lake region, China. Plant and Soil. 360: 37-53
2672	36.82	117.45	vegetable	1.42	8.29	17.70	1.10	17.10	20.38	586.80	991.80	0.00	0.63	Yao Z. et al. (2017). Reducing N2O and NO emissions while sustaining crop productivity in a Chinese vegetable-cereal double cropping system. Environmental Pollution. 231(1): 929-941
2673	36.82	117.45	vegetable	1.42	8.29	17.70	1.10	17.10	20.38	586.80	991.80	277.00	1.70	Yao Z. et al. (2017). Reducing N2O and NO emissions while sustaining crop productivity in a Chinese vegetable-cereal double cropping system. Environmental Pollution. 231(1): 929-941
2674	36.82	117.45	vegetable	1.42	8.29	17.70	1.10	17.10	20.38	586.80	991.80	347.00	1.82	Yao Z. et al. (2017). Reducing N2O and NO emissions while sustaining crop productivity in a Chinese vegetable-cereal double cropping system. Environmental Pollution. 231(1): 929-941
2675	36.82	117.45	vegetable	1.42	8.29	17.70	1.10	17.10	20.38	586.80	991.80	487.00	2.76	Yao Z. et al. (2017). Reducing N2O and NO emissions while sustaining crop productivity in a Chinese vegetable-cereal double cropping system. Environmental Pollution. 231(1): 929-941
2676	36.81	117.45	vegetable	1.38	8.10	9.60	0.88	25.00	20.38	586.80	991.80	0.00	0.44	Yao Z. et al. (2017). Reducing N2O and NO emissions while sustaining crop productivity in a Chinese vegetable-cereal double cropping system. Environmental Pollution. 231(1): 929-941
2677	36.81	117.45	vegetable	1.38	8.10	9.60	0.88	25.00	20.38	586.80	991.80	326.00	2.18	Yao Z. et al. (2017). Reducing N2O and NO emissions while sustaining crop productivity in a Chinese vegetable-cereal double cropping system. Environmental Pollution. 231(1): 929-941
2678	32.6	119.7	vegetable	1.30	6.20	10.30	1.18	13.60	10.34	444.00	322.50	0.00	0.09	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2679	32.6	119.7	vegetable	1.30	6.20	10.30	1.18	13.60	10.34	444.00	322.50	393.00	2.70	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2680	39.5	116.4	vegetable	1.52	8.00	9.06	1.11	8.00	21.63	325.20	631.20	0.00	0.47	Yan H. et al. (2014). Characteristics of nitrous oxide emissions and the affecting factors from vegetable fields on the North China Plain. Journal of Environmental Management. 144: 316-321
2681	39.5	116.4	vegetable	1.52	8.00	9.06	1.11	8.00	21.63	325.20	631.20	636.00	3.16	Yan H. et al. (2014). Characteristics of nitrous oxide emissions and the affecting factors from vegetable fields on the North China Plain. Journal of Environmental Management. 144: 316-321
2682	39.5	116.4	vegetable	1.52	8.00	9.06	1.11	8.00	21.63	325.20	631.20	784.50	5.51	Yan H. et al. (2014). Characteristics of nitrous oxide emissions and the affecting factors from vegetable fields on the North China Plain. Journal of Environmental Management. 144: 316-321

2683	39.5	116.4	vegetable	1.52	8.00	9.06	1.11	8.00	21.63	325.20	631.20	784.50	4.70	Yan H. et al. (2014). Characteristics of nitrous oxide emissions and the affecting factors from vegetable fields on the North China Plain. Journal of Environmental Management. 144: 316-321
2684	39.5	116.4	vegetable	1.27	8.20	16.90	0.71	8.00	21.63	325.20	631.20	0.00	0.41	Diao T. et al. (2013). Measurements of N2O emissions from different vegetable fields on the North China Plain. Atmospheric Environment. 72: 70-76
2685	39.5	116.4	vegetable	1.27	8.20	16.90	0.71	8.00	21.63	325.20	631.20	636.00	0.56	Diao T. et al. (2013). Measurements of N2O emissions from different vegetable fields on the North China Plain. Atmospheric Environment. 72: 70-76
2686	39.5	116.4	vegetable	1.27	8.20	16.90	0.71	8.00	21.63	325.20	631.20	703.50	1.23	Diao T. et al. (2013). Measurements of N2O emissions from different vegetable fields on the North China Plain. Atmospheric Environment. 72: 70-76
2687	39.5	116.4	vegetable	1.27	8.20	16.90	0.71	8.00	21.63	325.20	631.20	703.50	1.49	Diao T. et al. (2013). Measurements of N2O emissions from different vegetable fields on the North China Plain. Atmospheric Environment. 72: 70-76
2688	39.5	116.4	vegetable	1.27	8.20	16.90	0.71	8.00	21.63	325.20	631.20	703.50	0.86	Diao T. et al. (2013). Measurements of N2O emissions from different vegetable fields on the North China Plain. Atmospheric Environment. 72: 70-76
2689	39.5	116.4	vegetable	1.27	8.20	16.90	0.71	8.00	21.63	325.20	631.20	703.50	1.98	Diao T. et al. (2013). Measurements of N2O emissions from different vegetable fields on the North China Plain. Atmospheric Environment. 72: 70-76
2690	39.5	116.4	vegetable	1.34	7.82	5.78	0.71	36.00	16.96	129.60	823.50	0.00	0.71	Zhang Z. et al. (2009). Effects of different fertilizer levels on N2O flux from protected vegetable land. (in Chinese with English abstract). Transactions of the Chinese Society of Agricultural Engineering 26(5):269-275
2691	39.5	116.4	vegetable	1.34	7.82	5.78	0.71	36.00	16.96	129.60	823.50	285.60	4.10	Zhang Z. et al. (2009). Effects of different fertilizer levels on N2O flux from protected vegetable land. (in Chinese with English abstract).Transactions of the Chinese Society of Agricultural Engineering 26(5):269-275
2692	39.5	116.4	vegetable	1.34	7.82	5.78	0.71	36.00	16.96	129.60	823.50	535.60	5.26	Zhang Z. et al. (2009). Effects of different fertilizer levels on N2O flux from protected vegetable land. (in Chinese with English abstract).Transactions of the Chinese Society of Agricultural Engineering 26(5):269-275
2693	39.5	116.4	vegetable	1.34	7.82	5.78	0.71	36.00	16.96	129.60	823.50	785.60	4.58	Zhang Z. et al. (2009). Effects of different fertilizer levels on N2O flux from protected vegetable land. (in Chinese with English abstract).Transactions of the Chinese Society of Agricultural Engineering 26(5):269-275
2694	39.5	116.4	vegetable	1.34	7.82	5.78	0.71	36.00	16.96	129.60	823.50	935.60	6.93	Zhang Z. et al. (2009). Effects of different fertilizer levels on N2O flux from protected vegetable land. (in Chinese with English abstract).Transactions of the Chinese Society of Agricultural Engineering 26(5):269-275
2695	29.78	106.44	vegetable	1.32	5.64	8.83	1.50	52.50	24.68	430.20	2.70	0.00	0.80	Mu Z. et al. (2012). Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. Journal of Soil Science and Plant Nutrition. 13: 566-578
2696	29.78	106.44	vegetable	1.32	5.64	8.83	1.50	52.50	24.68	430.20	2.70	220.00	6.80	Mu Z. et al. (2012). Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. Journal of Soil Science and Plant Nutrition. 13: 566-578
2697	29.78	106.44	vegetable	1.32	5.64	8.83	1.50	52.50	24.68	430.20	2.70	244.00	10.40	Mu Z. et al. (2012). Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. Journal of Soil Science and Plant Nutrition. 13: 566-578
2698	29.78	106.44	vegetable	1.32	5.64	8.83	1.50	52.50	24.68	430.20	2.70	0.00	0.20	Mu Z. et al. (2012). Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. Journal of Soil Science and Plant Nutrition. 13: 566-578
2699	29.78	106.44	vegetable	1.32	5.64	8.83	1.50	52.50	24.68	430.20	2.70	96.00	1.10	Mu Z. et al. (2012). Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. Journal of Soil Science and Plant Nutrition. 13: 566-578
2700	29.78	106.44	vegetable	1.32	5.64	8.83	1.50	52.50	24.68	430.20	2.70	113.00	1.40	Mu Z. et al. (2012). Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. Journal of Soil Science and Plant Nutrition. 13: 566-578
2701	29.78	106.44	vegetable	1.32	5.64	8.83	1.50	52.50	24.68	430.20	2.70	0.00	0.20	Mu Z. et al. (2012). Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. Journal of Soil Science and Plant Nutrition. 13: 566-578
2702	29.78	106.44	vegetable	1.32	5.64	8.83	1.50	52.50	24.68	430.20	2.70	231.00	2.80	Mu Z. et al. (2012). Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. Journal of Soil Science and Plant Nutrition. 13: 566-578
2703	29.78	106.44	vegetable	1.32	5.64	8.83	1.50	52.50	24.68	430.20	2.70	262.00	3.60	Mu Z. et al. (2012). Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. Journal of Soil Science and Plant Nutrition. 13: 566-578
2704	29.78	106.44	vegetable	1.32	5.64	8.83	1.50	52.50	24.68	430.20	2.70	0.00	0.10	Mu Z. et al. (2012). Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. Journal of Soil Science and Plant Nutrition. 13: 566-578
2705	29.78	106.44	vegetable	1.32	5.64	8.83	1.50	52.50	24.68	430.20	2.70	125.00	1.10	Mu Z. et al. (2012). Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. Journal of Soil Science and Plant Nutrition. 13: 566-578
2706	29.78	106.44	vegetable	1.32	5.64	8.83	1.50	52.50	24.68	430.20	2.70	142.00	2.20	Mu Z. et al. (2012). Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. Journal of Soil Science and Plant Nutrition. 13: 566-578
2707	32.02	118.87	others	1.30	5.80	18.60	2.10	30.40	28.29	187.87	334.81	0.00	6.28	Jia J. et al.(2012). Net ecosystem carbon budget, net global warming potential and greenhouse gas intensity in intensive vegetable ecosystems in China. Agriculture, Ecosystems & Environment. 150: 27-37
2708	32.02	118.87	others	1.30	5.80	18.60	2.10	30.40	27.83	459.57	792.83	720.00	16.41	Jia J. et al.(2012). Net ecosystem carbon budget, net global warming potential and greenhouse gas intensity in intensive vegetable ecosystems in China. Agriculture, Ecosystems & Environment. 150: 27-37
2709	34.93	110.72	others	1.23	8.65	9.60	1.09	37.60	22.14	411.86	986.52	0.00	1.97	Meng S. (2011). Emissions of nitrous Oxide (N20) and nitric Oxide (NO) from an irrigated cotton field in south Shanxi. (in Chinese with English abstract). Master dissertation of Huazhong Agricultral University. (Wuhan, China)
2710	34.93	110.72	others	1.23	8.65	9.60	1.09	37.60	22.14	411.86	986.52	27.00	2.36	Meng S. (2011). Emissions of nitrous Oxide (N20) and nitric Oxide (NO) from an irrigated cotton field in south Shanxi. (in Chinese with English abstract). Master dissertation of Huazhong Agricultral University. (Wuhan, China)
2711	28.25	116.92	others	1.32	4.80	4.18	0.69	41.20	28.55	648.12	748.08	0.00	0.10	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
2712	28.25	116.92	others	1.32	4.80	4.18	0.69	41.20	28.55	648.12	748.08	51.75	0.27	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
2713	28.25	116.92	others	1.32	4.80	4.18	0.69	41.20	19.01	1635.14	1567.22	103.50	0.37	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
2714	47.45	126.92	others	0.98	6.30	27.96	2.60	42.00	18.20	469.18	766.42	0.00	0.38	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
2715	47.45	126.92	others	0.98	6.30	27.96	2.60	42.00	18.20	469.18	766.42	49.50	0.41	Ding H. et al. (2004). Denitrification in losses of nitrogen fertilizer and N2O emission from different crop-black soil system in North-east China. (in Chinese with English abstract). Journal of Agrio-Environment Science. 23: 323-326
2716	28.25	116.92	others	1.32	4.83	7.20	0.69	41.20	27.09	1332.96	543.49	0.00	0.53	Xiong Z. et al.(2002). The effects of summer legume crop cultivation on nitrous oxide emissions from upland farmland. (in Chinese with English abstract). Scientia Agricultural Sinica. 35: 1104-1108
2717	28.25	116.92	others	1.32	4.83	7.20	0.69	41.20	27.09	1332.96	543.49	103.00	0.88	Xiong Z. et al.(2002). The effects of summer legume crop cultivation on nitrous oxide emissions from upland farmland. (in Chinese with English abstract). Scientia Agricultural Sinica. 35: 1104-1108
2718	28.25	116.92	others	1.32	4.83	7.20	0.69	41.20	27.15	1440.53	684.42	0.00	0.66	Xiong Z. et al.(2002). The effects of summer legume crop cultivation on nitrous oxide emissions from upland farmland. (in Chinese with English abstract). Scientia Agricultural Sinica. 35: 1104-1108
2719	28.25	116.92	others	1.32	4.83	7.20	0.69	41.20	27.15	1440.53	684.42	34.50	0.88	Xiong Z. et al.(2002). The effects of summer legume crop cultivation on nitrous oxide emissions from upland farmland. (in Chinese with English abstract). Scientia Agricultural Sinica. 35: 1104-1108
2720	29.63	114.58	others	0.72	5.05	24.80	2.74	6.44	16.97	2050.09	1112.25	0.00	0.16	Lin S. et al. (2011). Nitrous oxide emissions from rape field as affected by nitrogen fertilizer management: A case study in Central China. Atmospheric Environment. 45: 1775-1779
2721	29.63	114.58	others	0.72	5.05	24.80	2.74	6.44	16.97	2050.09	1112.25	60.00	0.48	Lin S. et al. (2011). Nitrous oxide emissions from rape field as affected by nitrogen fertilizer management: A case study in Central China. Atmospheric Environment. 45: 1775-1779
2722	29.63	114.58	others	0.72	5.05	24.80	2.74	6.44	16.97	2050.09	1112.25	120.00	0.76	Lin S. et al. (2011). Nitrous oxide emissions from rape field as affected by nitrogen fertilizer management: A case study in Central China. Atmospheric Environment. 45: 1775-1779
2723	29.63	114.58	others	0.72	5.05	24.80	2.74	6.44	16.97	2050.09	1112.25	240.00	0.90	Lin S. et al. (2011). Nitrous oxide emissions from rape field as affected by nitrogen fertilizer management: A case study in Central China. Atmospheric Environment. 45: 1775-1779
2724	31.54	120.72	others	1.40	5.60	10.09	2.20	12.10	25.96	590.39	632.28	0.00	0.49	Xiao W. et al.(2013). Relationship between nitrogen application rate and nitrious oxide emission and effect of nitrification inhibitior in vegetable farming system. (in Chinese with English abstract). Acta Pedologica Sinica. 50: 743-751
2725	31.54	120.72	others	1.40	5.60	10.09	2.20	12.10	25.96	590.39	632.28	200.00	1.96	Xiao W. et al.(2013). Relationship between nitrogen application rate and nitrious oxide emission and effect of nitrification inhibitior in vegetable farming system. (in Chinese with English abstract). Acta Pedologica Sinica. 50: 743-751
2726	31.54	120.72	others	1.40	5.60	10.09	2.20	12.10	25.96	590.39	632.28	300.00	3.43	Xiao W. et al.(2013). Relationship between nitrogen application rate and nitrious oxide emission and effect of nitrification inhibitior in vegetable farming system. (in Chinese with English abstract). Acta Pedologica Sinica. 50: 743-751
2727	31.54	120.72	others	1.40	5.60	10.09	2.20	12.10	25.96	590.39	632.28	400.00	6.85	Xiao W. et al.(2013). Relationship between nitrogen application rate and nitrious oxide emission and effect of nitrification inhibitior in vegetable farming system. (in Chinese with English abstract). Acta Pedologica Sinica. 50: 743-751
2728	41.53	122.38	others	1.33	6.70	22.10	0.80	26.00	23.30	500.00	600.00	0.00	0.91	Chen X. et al. (2002). Nitrous oxide emission from upland crops and crop-soil systems in northeastern China. Nutrient Cycling in Agroecosystems. 62: 241–247
2729	41.53	122.38	others	1.33	6.70	22.10	0.80	26.00	23.30	500.00	600.00	50.00	1.47	Chen X. et al. (2002). Nitrous oxide emission from upland crops and crop-soil systems in northeastern China. Nutrient Cycling in Agroecosystems. 62: 241–247
2730	41.53	122.38	others	1.33	6.70	22.10	0.80	26.00	23.30	500.00	600.00	100.00	2.61	Chen X. et al. (2002). Nitrous oxide emission from upland crops and crop-soil systems in northeastern China. Nutrient Cycling in Agroecosystems. 62: 241–247
2731	29.88	114.22	others	0.72	5.05	24.80	2.70	24.00	18.50	480.00	627.00	0.00	0.16	Lin S. et al. (2011). Nitrous oxide emissions from rape field as affected by nitrogen fertilizer management: A case study in Central China. Atmospheric Environment. 45: 1775-1779
2732	29.88	114.22	others	0.72	5.05	24.80	2.70	24.00	18.50	480.00	627.00	60.00	0.48	Lin S. et al. (2011). Nitrous oxide emissions from rape field as affected by nitrogen fertilizer management: A case study in Central China. Atmospheric Environment. 45: 1775-1779
2733	29.88	114.22	others	0.72	5.05	24.80	2.70	24.00	18.50	480.00	627.00	120.00	0.76	Lin S. et al. (2011). Nitrous oxide emissions from rape field as affected by nitrogen fertilizer management: A case study in Central China. Atmospheric Environment. 45: 1775-1779
2734	29.88	114.22	others	0.72	5.05	24.80	2.70	24.00	18.50	480.00	627.00	240.00	0.96	Lin S. et al. (2011). Nitrous oxide emissions from rape field as affected by nitrogen fertilizer management: A case study in Central China. Atmospheric Environment. 45: 1775-1779
2735	42.03	116.28	others	1.56	7.07	18.90	1.87	23.00	15.30	379.00	1000.00	0.00	0.74	Zhang J. et al. (2008). N2O emission from the semi-arid ecosystem under mineral fertilizer (urea and superphosphate) and increased precipitation in northern China. Atmospheric Environment. 42: 291-302
2736	42.03	116.28	others	1.56	7.07	18.90	1.87	23.00	15.30	379.00	1000.00	50.00	0.96	Zhang J. et al. (2008). N2O emission from the semi-arid ecosystem under mineral fertilizer (urea and superphosphate) and increased precipitation in northern China. Atmospheric Environment. 42: 291-302
2737	42.03	116.28	others	1.56	7.07	18.90	1.87	23.00	15.30	379.00	1000.00	100.00	1.26	Zhang J. et al. (2008). N2O emission from the semi-arid ecosystem under mineral fertilizer (urea and superphosphate) and increased precipitation in northern China. Atmospheric Environment. 42: 291-302
2738	42.03	116.28	others	1.56	7.07	18.90	1.87	23.00	15.30	379.00	1000.00	150.00	1.58	Zhang J. et al. (2008). N2O emission from the semi-arid ecosystem under mineral fertilizer (urea and superphosphate) and increased precipitation in northern China. Atmospheric Environment. 42: 291-302
2739	42.03	116.28	others	1.56	7.07	18.90	1.87	23.00	15.30	379.00	1000.00	0.00	0.77	Zhang J. et al. (2008). N2O emission from the semi-arid ecosystem under mineral fertilizer (urea and superphosphate) and increased precipitation in northern China. Atmospheric Environment. 42: 291-302
2740	42.03	116.28	others	1.56	7.07	18.90	1.87	23.00	15.30	379.00	1000.00	100.00	1.27	Zhang J. et al. (2008). N2O emission from the semi-arid ecosystem under mineral fertilizer (urea and superphosphate) and increased precipitation in northern China. Atmospheric Environment. 42: 291-302
2741	32.58	119.70	others	1.16	7.90	20.00	1.51	25.00	24.92	370.90	214.20	0.00	0.73	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97.
2742	32.58	119.70	others	1.16	7.90	20.00	1.51	25.00	24.92	370.80	214.20	705.00	12.70	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97.
2743	32.58	119.70	others	1.16	7.90	20.00	1.51	25.00	24.92	370.80	214.20	929.00	18.50	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97.
2744	32.06	118.96	others	1.13	5.50	14.70	1.90	54.50	25.95	660.00	726.00	0.00	2.71	Zhang Y. et al. (2016). Response of nitric and nitrous oxide fluxes to N fertilizer application in greenhouse vegetable cropping systems in southeast China. Scientific Reports. 6: 20700
2745	32.06	118.96	others	1.13	5.50	14.70	1.90	54.50	25.95	660.00	726.00	60.00	5.71	Zhang Y. et al. (2016). Response of nitric and nitrous oxide fluxes to N fertilizer application in greenhouse vegetable cropping systems in southeast China. Scientific Reports. 6: 20700
2746	32.06	118.96	others	1.13	5.50	14.70	1.90	54.50	25.95	660.00	726.00	90.00	6.79	Zhang Y. et al. (2016). Response of nitric and nitrous oxide fluxes to N fertilizer application in greenhouse vegetable cropping systems in southeast China. Scientific Reports. 6: 20700
2747	32.06	118.96	others	1.13	5.50	14.70	1.90	54.50	25.95	660.00	726.00	120.00	7.17	Zhang Y. et al. (2016). Response of nitric and nitrous oxide fluxes to N fertilizer application in greenhouse vegetable cropping systems in southeast China. Scientific Reports. 6: 20700
2748	40.78	110.52	others	1.29	8.20	16.38	2.45	35.00	19.26	303.00	1249.50	0.00	0.64	Wan W. et al. (2016). Characteristics of Ammonia Volatilization and Nitrous Oxide Emission under Drip Irrigated Potato in North of Yinshan of Inner Mongolia. (in Chinese with English abstract). Journal of Irrigation and Drainage. 35(8): 36-41
2749	40.78	110.52	others	1.29	8.20	16.38	2.45	35.00	19.26	303.00	1249.50	90.00	0.90	Wan W. et al. (2016). Characteristics of Ammonia Volatilization and Nitrous Oxide Emission under Drip Irrigated Potato in North of Yinshan of Inner Mongolia. (in Chinese with English abstract). Journal of Irrigation and Drainage. 35(8): 36-41
2750	40.78	110.52	others	1.29	8.20	16.38	2.45	35.00	19.26	303.00	1249.50	180.00	0.95	Wan W. et al. (2016). Characteristics of Ammonia Volatilization and Nitrous Oxide Emission under Drip Irrigated Potato in North of Yinshan of Inner Mongolia. (in Chinese with English abstract). Journal of Irrigation and Drainage. 35(8): 36-41
2751	40.78	110.52	others	1.29	8.20	16.38	2.45	35.00	19.26	303.00	1249.50	270.00	1.96	Wan W. et al. (2016). Characteristics of Ammonia Volatilization and Nitrous Oxide Emission under Drip Irrigated Potato in North of Yinshan of Inner Mongolia. (in Chinese with English abstract). Journal of Irrigation and Drainage. 35(8): 36-41
2752	43.95	87.46	others	1.30	8.60	10.30	0.90	24.00	16.62	212.10	1589.70	0.00	0.18	Ma Z. et al. (2016). Effects of enhanced-efficiency nitrogen fertilizers on nitrous oxide emissions from cotton field under plastic mulched drip irrigation in Xinjiang, China． (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(12): 3961-3968
2753	43.95	87.46	others	1.30	8.60	10.30	0.90	24.00	16.62	212.10	1589.70	240.00	0.23	Ma Z. et al. (2016). Effects of enhanced-efficiency nitrogen fertilizers on nitrous oxide emissions from cotton field under plastic mulched drip irrigation in Xinjiang, China． (in Chinese with English abstract). Chinese Journal of Applied Ecology. 27(12): 3961-3968
2754	34.9	110.7	others	1.20	8.00	11.30	1.10	37.60	20.73	583.80	976.50	0.00	1.23	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
2755	34.9	110.7	others	1.32	7.10	16.52	1.30	37.60	20.73	583.80	976.50	66.00	2.67	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
2756	34.9	110.7	others	1.32	7.10	16.52	1.30	37.60	20.73	583.80	976.50	0.00	0.86	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
2757	34.9	110.7	others	1.32	7.10	16.52	1.30	37.60	20.73	583.80	976.50	75.00	1.56	Liu C. et al. (2014). Three-year measurements of nitrous oxide emissions from cotton and wheat–maize rotational cropping systems. Atmospheric Environment. 96: 201-208
2758	34.18	116.53	others	1.42	7.90	6.40	0.88	40.00	25.12	556.50	783.00	0.00	0.32	Zhang X. et al. (2017). Significant residual effects of wheat fertilization on greenhouse gas emissions in succeeding soybean growing season. Soil and Tillage Research. 169: 7-15
2759	34.18	116.53	others	1.42	7.90	6.40	0.88	40.00	25.12	556.50	783.00	240.00	1.16	Zhang X. et al. (2017). Significant residual effects of wheat fertilization on greenhouse gas emissions in succeeding soybean growing season. Soil and Tillage Research. 169: 7-15
2760	34.18	116.53	others	1.42	7.90	6.40	0.88	40.00	25.12	556.50	783.00	240.00	0.38	Zhang X. et al. (2017). Significant residual effects of wheat fertilization on greenhouse gas emissions in succeeding soybean growing season. Soil and Tillage Research. 169: 7-15
2761	34.18	116.53	others	1.42	7.90	6.40	0.88	40.00	25.12	556.50	783.00	240.00	0.85	Zhang X. et al. (2017). Significant residual effects of wheat fertilization on greenhouse gas emissions in succeeding soybean growing season. Soil and Tillage Research. 169: 7-15
2762	32.6	119.7	others	1.20	7.90	20.10	1.58	13.60	24.92	370.80	214.20	0.00	0.39	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2763	32.6	119.7	others	1.20	7.90	20.10	1.58	13.60	24.92	370.80	214.20	118.00	4.80	Yao Z. et al. (2015). Annual nitric and nitrous oxide fluxes from Chinese subtropical plastic greenhouse and conventional vegetable cultivations. Environmental Pollution. 196: 89-97
2764	38.1	106.2	others	1.57	8.50	6.84	0.60	10.60	23.73	387.00	886.50	0.00	0.17	Chen Z. et al. (2015). Effects of different fertilization measures on N2O emission in oil sunflower field in irrigation area of upper Yellow River. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(01): 129-139
2765	38.1	106.2	others	1.57	8.50	6.84	0.60	10.60	23.73	387.00	886.50	240.00	0.51	Chen Z. et al. (2015). Effects of different fertilization measures on N2O emission in oil sunflower field in irrigation area of upper Yellow River. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(01): 129-139
2766	38.1	106.2	others	1.57	8.50	6.84	0.60	10.60	23.73	387.00	886.50	240.00	0.55	Chen Z. et al. (2015). Effects of different fertilization measures on N2O emission in oil sunflower field in irrigation area of upper Yellow River. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(01): 129-139
2767	38.1	106.2	others	1.57	8.50	6.84	0.60	10.60	23.73	387.00	886.50	300.00	0.79	Chen Z. et al. (2015). Effects of different fertilization measures on N2O emission in oil sunflower field in irrigation area of upper Yellow River. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(01): 129-139
2768	38.1	106.2	others	1.57	8.50	6.84	0.60	10.60	23.73	387.00	886.50	300.00	0.67	Chen Z. et al. (2015). Effects of different fertilization measures on N2O emission in oil sunflower field in irrigation area of upper Yellow River. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 26(01): 129-139
2769	29.6	114.6	others	0.72	5.05	24.82	2.74	34.00	17.92	1168.00	1474.60	0.00	0.16	Lin S. et al. (2011). Nitrous oxide emissions from rape field as affected by nitrogen fertilizer management: A case study in Central China. Atmospheric Environment. 45(9): 1775-1779
2770	29.6	114.6	others	0.72	5.05	24.82	2.74	34.00	17.92	1168.00	1474.60	60.00	0.48	Lin S. et al. (2011). Nitrous oxide emissions from rape field as affected by nitrogen fertilizer management: A case study in Central China. Atmospheric Environment. 45(9): 1775-1779
2771	29.6	114.6	others	0.72	5.05	24.82	2.74	34.00	17.92	1168.00	1474.60	120.00	0.76	Lin S. et al. (2011). Nitrous oxide emissions from rape field as affected by nitrogen fertilizer management: A case study in Central China. Atmospheric Environment. 45(9): 1775-1779
2772	29.6	114.6	others	0.72	5.05	24.82	2.74	34.00	17.92	1168.00	1474.60	240.00	0.90	Lin S. et al. (2011). Nitrous oxide emissions from rape field as affected by nitrogen fertilizer management: A case study in Central China. Atmospheric Environment. 45(9): 1775-1779

Database of NH_3

	Coordinates		Crop type	BD	Soil pH	SOC	TN	Clay	TEMP	PRECIP	EVAP	NFR	NH_3 emissions	Reference
Num	Lat	Long		(g cm^{-3})		(g kg^{-1})	(%)	(%)	(℃)	(mm)	(mm)	(kg N ha^{-1})	(kg NH_3-N ha^{-1})	
1	31.53	120.68	rice	1.52	7.36	34.48	1.79	20.82	26.67	530.64	809.28	0.00	6.92	Wang X. etal. (2007). Nitrogen Cycling and Losses Under Rice-Wheat Rotations with Coated Urea and Urea in the Taihu Lake Region. Pedosphere. 17(1): 62-69
2	31.53	120.68	rice	1.52	7.36	34.48	1.79	20.82	26.67	530.64	809.28	150.00	48.91	Wang X. etal. (2007). Nitrogen Cycling and Losses Under Rice-Wheat Rotations with Coated Urea and Urea in the Taihu Lake Region. Pedosphere. 17(1): 62-69
3	31.53	120.68	rice	1.52	7.36	34.48	1.79	20.82	26.67	530.64	809.28	300.00	110.67	Wang X. etal. (2007). Nitrogen Cycling and Losses Under Rice-Wheat Rotations with Coated Urea and Urea in the Taihu Lake Region. Pedosphere. 17(1): 62-69
4	29.92	115.50	rice	1.40	5.39	33.40	2.54	23.00	26.83	668.64	629.64	0.00	7.88	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1-2): 164-173
5	29.92	115.50	rice	1.40	5.39	33.40	2.54	23.00	26.83	668.64	629.64	210.00	36.70	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1-2): 164-173
6	29.92	115.50	rice	1.40	5.85	27.00	2.48	23.00	26.83	668.64	629.64	0.00	9.84	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1-2): 164-173
7	29.92	115.50	rice	1.40	5.85	27.00	2.48	23.00	26.83	668.64	629.64	210.00	28.50	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1-2): 164-173
8	29.92	115.50	rice	1.40	5.39	33.40	2.54	23.00	26.88	629.88	628.32	0.00	4.44	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1-2): 164-173
9	29.92	115.50	rice	1.40	5.39	33.40	2.54	23.00	26.88	629.88	628.32	210.00	27.60	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1-2): 164-173
10	29.92	115.50	rice	1.40	5.85	27.00	2.48	23.00	26.88	629.88	628.32	0.00	5.57	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1-2): 164-173
11	29.92	115.50	rice	1.40	5.85	27.00	2.48	23.00	26.88	629.88	628.32	210.00	18.20	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture, Ecosystems & Environment. 140(1-2): 164-173
12	30.87	121.75	rice	1.39	7.90	13.00	1.47	25.00	26.43	684.00	684.12	0.00	6.50	Xiao Y. et al. (2005). Economic values of nitrogen transformation in rice field ecosystems. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9)： 1745-1750
13	30.87	121.75	rice	1.39	7.90	13.00	1.47	25.00	26.43	684.00	684.12	225.00	92.25	Xiao Y. et al. (2005). Economic values of nitrogen transformation in rice field ecosystems. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9)： 1745-1750
14	30.87	121.75	rice	1.39	7.90	13.00	1.47	25.00	26.43	684.00	684.12	375.00	161.25	Xiao Y. et al. (2005). Economic values of nitrogen transformation in rice field ecosystems. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9)： 1745-1750
15	30.87	121.75	rice	1.39	7.90	13.00	1.47	25.00	26.43	684.00	684.12	525.00	236.25	Xiao Y. et al. (2005). Economic values of nitrogen transformation in rice field ecosystems. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9)： 1745-1750
16	29.85	115.55	rice	1.42	5.80	23.86	2.39	23.00	25.84	942.24	634.08	0.00	18.41	Zhang X. (2015). Effects of nitrogen types on NH3 volatilization and N2O emissions and nitrogen utilization in no-tillage paddy fields of central China. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
17	29.85	115.55	rice	1.42	5.80	23.86	2.39	23.00	25.84	942.24	634.08	180.00	42.24	Zhang X. (2015). Effects of nitrogen types on NH3 volatilization and N2O emissions and nitrogen utilization in no-tillage paddy fields of central China. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
18	29.85	115.55	rice	1.42	5.80	23.86	2.39	23.00	25.84	942.24	634.08	0.00	19.39	Zhang X. (2015). Effects of nitrogen types on NH3 volatilization and N2O emissions and nitrogen utilization in no-tillage paddy fields of central China. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
19	29.85	115.55	rice	1.42	5.80	23.86	2.39	23.00	25.84	942.24	634.08	180.00	47.44	Zhang X. (2015). Effects of nitrogen types on NH3 volatilization and N2O emissions and nitrogen utilization in no-tillage paddy fields of central China. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University (Wuhan, China)
20	31.53	120.70	rice	1.52	7.60	35.00	2.12	20.82	26.23	726.96	779.28	0.00	5.51	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203: 36-45
21	31.53	120.70	rice	1.52	7.60	35.00	2.12	20.82	26.23	726.96	779.28	300.00	16.42	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203: 36-45
22	31.53	120.70	rice	1.52	7.60	35.00	2.12	20.82	26.23	726.96	779.28	225.00	53.21	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203: 36-45
23	31.53	120.70	rice	1.52	7.60	35.00	2.12	20.82	26.23	726.96	779.28	365.00	61.59	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203: 36-45
24	31.53	120.70	rice	1.52	7.60	35.00	2.12	20.82	26.21	526.20	624.00	0.00	7.56	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203: 36-45
25	31.53	120.70	rice	1.52	7.60	35.00	2.12	20.82	26.21	526.20	624.00	300.00	22.60	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203: 36-45
26	31.53	120.70	rice	1.52	7.60	35.00	2.12	20.82	26.21	526.20	624.00	225.00	48.91	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203: 36-45
27	31.53	120.70	rice	1.52	7.60	35.00	2.12	20.82	26.21	526.20	624.00	365.00	72.13	Zhao M. et al. (2015). Mitigating gaseous nitrogen emissions intensity from a Chinese rice cropping system through an improved management practice aimed to close the yield gap. Agriculture, Ecosystems & Environment. 203: 36-45
28	30.50	114.30	rice	1.42	6.30	20.70	0.86	24.00	27.06	623.28	733.44	0.00	22.10	Xia W. (2011). Nitrogen Cycling in Rice-Wheat Rotation System under Optimized Nitrogen Management. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
29	30.50	114.30	rice	1.42	6.30	20.70	0.86	24.00	27.06	623.28	733.44	210.00	62.82	Xia W. (2011). Nitrogen Cycling in Rice-Wheat Rotation System under Optimized Nitrogen Management. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
30	30.50	114.30	rice	1.42	6.30	20.70	0.86	24.00	27.06	623.28	733.44	147.00	45.88	Xia W. (2011). Nitrogen Cycling in Rice-Wheat Rotation System under Optimized Nitrogen Management. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
31	30.50	114.30	rice	1.42	6.30	20.70	0.86	24.00	27.06	623.28	733.44	147.00	41.27	Xia W. (2011). Nitrogen Cycling in Rice-Wheat Rotation System under Optimized Nitrogen Management. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
32	31.20	119.90	rice	1.42	6.00	12.60	0.64	17.33	26.15	652.44	687.84	0.00	5.80	Zhao D. et al. (2012). Characteristics of N loss and environmental effect of paddy field in Taihu area. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(6): 1149-1154
33	31.20	119.90	rice	1.42	6.00	12.60	0.64	17.33	26.15	652.44	687.84	81.00	10.80	Zhao D. et al. (2012). Characteristics of N loss and environmental effect of paddy field in Taihu area. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(6): 1149-1154
34	31.20	119.90	rice	1.42	6.00	12.60	0.64	17.33	26.15	652.44	687.84	135.00	17.20	Zhao D. et al. (2012). Characteristics of N loss and environmental effect of paddy field in Taihu area. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(6): 1149-1154
35	31.20	119.90	rice	1.42	6.00	12.60	0.64	17.33	26.15	652.44	687.84	189.00	24.90	Zhao D. et al. (2012). Characteristics of N loss and environmental effect of paddy field in Taihu area. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(6): 1149-1154
36	31.20	119.90	rice	1.42	6.00	12.60	0.64	17.33	26.15	652.44	687.84	216.00	33.70	Zhao D. et al. (2012). Characteristics of N loss and environmental effect of paddy field in Taihu area. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(6): 1149-1154
37	31.20	119.90	rice	1.42	6.00	12.60	0.64	17.33	26.15	652.44	687.84	243.00	43.00	Zhao D. et al. (2012). Characteristics of N loss and environmental effect of paddy field in Taihu area. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(6): 1149-1154
38	45.20	132.25	rice	1.11	6.00	61.20	1.62	23.31	17.71	401.76	568.56	0.00	5.86	Meng X. (2012). Research to Utilize and Loss of Nitrogen and Impact on Environment in Rice Field. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University (Ha'erbin, China)
39	45.20	132.25	rice	1.11	6.00	61.20	1.62	23.31	17.71	401.76	568.56	103.30	14.25	Meng X. (2012). Research to Utilize and Loss of Nitrogen and Impact on Environment in Rice Field. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University (Ha'erbin, China)
40	45.20	132.25	rice	1.11	6.00	61.20	1.62	23.31	17.71	401.76	568.56	103.30	16.52	Meng X. (2012). Research to Utilize and Loss of Nitrogen and Impact on Environment in Rice Field. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University (Ha'erbin, China)
41	45.20	132.25	rice	1.11	6.00	61.20	1.62	23.31	17.71	401.76	568.56	82.70	10.91	Meng X. (2012). Research to Utilize and Loss of Nitrogen and Impact on Environment in Rice Field. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University (Ha'erbin, China)
42	45.20	132.25	rice	1.11	6.00	61.20	1.62	23.31	17.71	401.76	568.56	82.70	14.57	Meng X. (2012). Research to Utilize and Loss of Nitrogen and Impact on Environment in Rice Field. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University (Ha'erbin, China)
43	45.20	132.25	rice	1.11	6.00	61.20	1.62	23.31	17.71	401.76	568.56	82.70	12.57	Meng X. (2012). Research to Utilize and Loss of Nitrogen and Impact on Environment in Rice Field. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University (Ha'erbin, China)
44	26.75	111.87	rice	1.07	6.80	24.50	1.58	28.76	27.02	737.64	695.16	0.00	0.74	Li J. et al. (2005). Effects of chemical fertilizers application combined with manure on ammonia volatilization and rice yield in red paddy soil. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 11(1): 51-56
45	26.75	111.87	rice	1.07	6.80	24.50	1.58	28.76	27.02	737.64	695.16	150.00	57.36	Li J. et al. (2005). Effects of chemical fertilizers application combined with manure on ammonia volatilization and rice yield in red paddy soil. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 11(1): 51-56
46	30.50	114.30	rice	1.42	6.30	20.69	0.86	24.00	26.95	802.32	707.04	0.00	22.11	Xia W. et al. (2010). Effect of optimized nitrogen application on ammonia volatilization from paddy field under wheat-rice rotation system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 16(1): 6-13
47	30.50	114.30	rice	1.42	6.30	20.69	0.86	24.00	26.95	802.32	707.04	210.00	62.82	Xia W. et al. (2010). Effect of optimized nitrogen application on ammonia volatilization from paddy field under wheat-rice rotation system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 16(1): 6-13
48	30.50	114.30	rice	1.42	6.30	20.69	0.86	24.00	26.95	802.32	707.04	147.00	45.88	Xia W. et al. (2010). Effect of optimized nitrogen application on ammonia volatilization from paddy field under wheat-rice rotation system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 16(1): 6-13
49	30.50	114.30	rice	1.42	6.30	20.69	0.86	24.00	26.95	802.32	707.04	147.00	41.27	Xia W. et al. (2010). Effect of optimized nitrogen application on ammonia volatilization from paddy field under wheat-rice rotation system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 16(1): 6-13
50	32.40	119.40	rice	1.42	7.43	6.68	0.55	17.55	25.68	607.32	677.04	0.00	0.39	Ye S. et al. (2011). Effects of Nitrogen Application Rate on Ammonia Volatilization and Nitrogen Utilization in Rice Growing Season. (in Chinese with English abstract). Chin J Rice Sci. 25(1): 71-78
51	32.40	119.40	rice	1.42	7.43	6.68	0.55	17.55	25.68	607.32	677.04	100.00	11.32	Ye S. et al. (2011). Effects of Nitrogen Application Rate on Ammonia Volatilization and Nitrogen Utilization in Rice Growing Season. (in Chinese with English abstract). Chin J Rice Sci. 25(1): 71-78
52	32.40	119.40	rice	1.42	7.43	6.68	0.55	17.55	25.68	607.32	677.04	200.00	35.42	Ye S. et al. (2011). Effects of Nitrogen Application Rate on Ammonia Volatilization and Nitrogen Utilization in Rice Growing Season. (in Chinese with English abstract). Chin J Rice Sci. 25(1): 71-78
53	32.40	119.40	rice	1.42	7.43	6.68	0.55	17.55	25.68	607.32	677.04	300.00	70.81	Ye S. et al. (2011). Effects of Nitrogen Application Rate on Ammonia Volatilization and Nitrogen Utilization in Rice Growing Season. (in Chinese with English abstract). Chin J Rice Sci. 25(1): 71-78
54	32.40	119.40	rice	1.42	7.43	6.68	0.55	17.55	25.68	607.32	677.04	400.00	102.43	Ye S. et al. (2011). Effects of Nitrogen Application Rate on Ammonia Volatilization and Nitrogen Utilization in Rice Growing Season. (in Chinese with English abstract). Chin J Rice Sci. 25(1): 71-78
55	30.27	120.20	rice	1.42	5.20	22.40	2.01	29.60	25.30	518.52	706.68	0.00	2.70	Zhao L. et al. (2009). Effects of SRI on Rice Yield, Water Productivity and NH3 Volatilizationfrom Soil with Different N Application Rates. (in Chinese with English abstract). Chinese Journal of Soil Science. 40(03): 576-579
56	30.27	120.20	rice	1.42	5.20	22.40	2.01	29.60	25.30	518.52	706.68	120.00	7.86	Zhao L. et al. (2009). Effects of SRI on Rice Yield, Water Productivity and NH3 Volatilizationfrom Soil with Different N Application Rates. (in Chinese with English abstract). Chinese Journal of Soil Science. 40(03): 576-579
57	30.27	120.20	rice	1.42	5.20	22.40	2.01	29.60	25.30	518.52	706.68	120.00	9.89	Zhao L. et al. (2009). Effects of SRI on Rice Yield, Water Productivity and NH3 Volatilizationfrom Soil with Different N Application Rates. (in Chinese with English abstract). Chinese Journal of Soil Science. 40(03): 576-579
58	30.27	120.20	rice	1.42	5.20	22.40	2.01	29.60	25.30	518.52	706.68	80.00	7.18	Zhao L. et al. (2009). Effects of SRI on Rice Yield, Water Productivity and NH3 Volatilizationfrom Soil with Different N Application Rates. (in Chinese with English abstract). Chinese Journal of Soil Science. 40(03): 576-579
59	30.27	120.20	rice	1.42	5.20	22.40	2.01	29.60	25.30	518.52	706.68	160.00	11.07	Zhao L. et al. (2009). Effects of SRI on Rice Yield, Water Productivity and NH3 Volatilizationfrom Soil with Different N Application Rates. (in Chinese with English abstract). Chinese Journal of Soil Science. 40(03): 576-579
60	30.27	120.20	rice	1.42	5.20	22.40	2.01	29.60	25.30	518.52	706.68	240.00	14.87	Zhao L. et al. (2009). Effects of SRI on Rice Yield, Water Productivity and NH3 Volatilizationfrom Soil with Different N Application Rates. (in Chinese with English abstract). Chinese Journal of Soil Science. 40(03): 576-579
61	31.65	117.77	rice	1.40	6.99	34.07	1.58	17.76	26.29	588.12	592.56	0.00	1.04	Zhu X. et al. (2012). Effect of fertilization on ammonia volatilization from paddy fields in Chao Lake Basin. (in Chinese with abstract). Acta Ecologica Sinica. 32(7): 2119-2126
62	31.65	117.77	rice	1.40	6.99	34.07	1.58	17.76	26.29	588.12	592.56	214.00	15.24	Zhu X. et al. (2012). Effect of fertilization on ammonia volatilization from paddy fields in Chao Lake Basin. (in Chinese with abstract). Acta Ecologica Sinica. 32(7): 2119-2126
63	31.65	117.77	rice	1.40	6.99	34.07	1.58	17.76	26.29	588.12	592.56	225.00	13.80	Zhu X. et al. (2012). Effect of fertilization on ammonia volatilization from paddy fields in Chao Lake Basin. (in Chinese with abstract). Acta Ecologica Sinica. 32(7): 2119-2126
64	31.65	117.77	rice	1.40	6.99	34.07	1.58	17.76	26.29	588.12	592.56	157.50	9.93	Zhu X. et al. (2012). Effect of fertilization on ammonia volatilization from paddy fields in Chao Lake Basin. (in Chinese with abstract). Acta Ecologica Sinica. 32(7): 2119-2126
65	31.65	117.77	rice	1.40	6.99	34.07	1.58	17.76	26.29	588.12	592.56	225.00	12.93	Zhu X. et al. (2012). Effect of fertilization on ammonia volatilization from paddy fields in Chao Lake Basin. (in Chinese with abstract). Acta Ecologica Sinica. 32(7): 2119-2126
66	28.92	111.55	rice	1.07	5.06	28.50	2.73	24.82	26.62	701.28	651.60	0.00	1.30	Wu P. et al. (2009). Effects of Different Fertilization Systems on Ammonia Volatilization from Double-Rice Cropping Field in Red Soil Region. (in Chinese with English abstract). Chin J Rice Sci. 23(1): 85-93
67	28.92	111.55	rice	1.07	5.15	27.60	2.87	24.82	26.62	701.28	651.60	81.30	10.10	Wu P. et al. (2009). Effects of Different Fertilization Systems on Ammonia Volatilization from Double-Rice Cropping Field in Red Soil Region. (in Chinese with English abstract). Chin J Rice Sci. 23(1): 85-93
68	28.92	111.55	rice	1.07	5.13	28.40	2.87	24.82	26.62	701.28	651.60	81.30	13.70	Wu P. et al. (2009). Effects of Different Fertilization Systems on Ammonia Volatilization from Double-Rice Cropping Field in Red Soil Region. (in Chinese with English abstract). Chin J Rice Sci. 23(1): 85-93
69	28.92	111.55	rice	1.07	4.90	31.10	3.16	24.82	26.62	701.28	651.60	81.30	11.60	Wu P. et al. (2009). Effects of Different Fertilization Systems on Ammonia Volatilization from Double-Rice Cropping Field in Red Soil Region. (in Chinese with English abstract). Chin J Rice Sci. 23(1): 85-93
70	28.92	111.55	rice	1.07	5.06	28.50	2.73	24.82	26.62	701.28	651.60	0.00	3.80	Wu P. et al. (2009). Effects of Different Fertilization Systems on Ammonia Volatilization from Double-Rice Cropping Field in Red Soil Region. (in Chinese with English abstract). Chin J Rice Sci. 23(1): 85-93
71	28.92	111.55	rice	1.07	5.15	27.60	2.87	24.82	26.62	701.28	651.60	101.70	19.90	Wu P. et al. (2009). Effects of Different Fertilization Systems on Ammonia Volatilization from Double-Rice Cropping Field in Red Soil Region. (in Chinese with English abstract). Chin J Rice Sci. 23(1): 85-93
72	28.92	111.55	rice	1.07	5.13	28.40	2.87	24.82	26.62	701.28	651.60	101.70	37.10	Wu P. et al. (2009). Effects of Different Fertilization Systems on Ammonia Volatilization from Double-Rice Cropping Field in Red Soil Region. (in Chinese with English abstract). Chin J Rice Sci. 23(1): 85-93
73	28.92	111.55	rice	1.07	4.90	31.10	3.16	24.82	26.62	701.28	651.60	101.70	18.70	Wu P. et al. (2009). Effects of Different Fertilization Systems on Ammonia Volatilization from Double-Rice Cropping Field in Red Soil Region. (in Chinese with English abstract). Chin J Rice Sci. 23(1): 85-93
74	23.35	115.90	rice	1.52	5.24	26.25	1.50	30.80	26.80	1188.00	456.12	0.00	0.90	Wang C. et al. (2012). Effects of different nitrogen application rates on ammonia volatilization from paddy fields under double-harvest rice system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 18(2): 349-358
75	23.35	115.90	rice	1.52	5.24	26.25	1.50	30.80	26.80	1188.00	456.12	60.00	22.35	Wang C. et al. (2012). Effects of different nitrogen application rates on ammonia volatilization from paddy fields under double-harvest rice system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 18(2): 349-358
76	23.35	115.90	rice	1.52	5.24	26.25	1.50	30.80	26.80	1188.00	456.12	120.00	44.28	Wang C. et al. (2012). Effects of different nitrogen application rates on ammonia volatilization from paddy fields under double-harvest rice system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 18(2): 349-358
77	23.35	115.90	rice	1.52	5.24	26.25	1.50	30.80	26.80	1188.00	456.12	180.00	75.33	Wang C. et al. (2012). Effects of different nitrogen application rates on ammonia volatilization from paddy fields under double-harvest rice system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 18(2): 349-358
78	23.35	115.90	rice	1.52	5.24	26.25	1.50	30.80	26.80	1188.00	456.12	240.00	104.40	Wang C. et al. (2012). Effects of different nitrogen application rates on ammonia volatilization from paddy fields under double-harvest rice system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 18(2): 349-358
79	23.35	115.90	rice	1.52	5.24	26.25	1.50	30.80	26.80	1188.00	456.12	300.00	141.30	Wang C. et al. (2012). Effects of different nitrogen application rates on ammonia volatilization from paddy fields under double-harvest rice system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 18(2): 349-358
80	30.43	120.42	rice	1.40	6.79	35.34	0.51	26.70	26.50	753.12	570.60	0.00	0.44	Li Y. et al. (2015). The Effects of Nitrogen Application Rates on Uptake, Utilization and Losses of Nitrogen for Rice. (in Chinese with English abstract). Chinese Journal of Soil Science. 46(2): 392-397
81	30.43	120.42	rice	1.40	6.79	35.34	0.51	26.70	26.50	753.12	570.60	180.00	10.10	Li Y. et al. (2015). The Effects of Nitrogen Application Rates on Uptake, Utilization and Losses of Nitrogen for Rice. (in Chinese with English abstract). Chinese Journal of Soil Science. 46(2): 392-397
82	28.20	113.60	rice	1.07	5.70	13.97	3.21	31.71	27.43	750.72	510.24	0.00	11.97	Zhou L. (2014). Effects of reduction application of controlled-release nitrogen fertilizer on growth, nitrogen uptake-utilization of rice and ammonia volatilization in paddy soil. (in Chinese with English abstract). Master dissertation of Hunan Agricultural University (Changsha, China)

83	28.20	113.60	rice	1.07	5.70	13.97	3.21	31.71	27.43	750.72	510.24	150.00	55.58	Zhou L. (2014). Effects of reduction application of controlled-release nitrogen fertilizer on growth, nitrogen uptake-utilization of rice and ammonia volatilization in paddy soil. (in Chinese with English abstract). Master dissertation of Hunan Agricultural University (Changsha, China)
84	28.20	113.60	rice	1.07	5.70	13.97	3.21	31.71	27.43	750.72	510.24	0.00	15.02	Zhou L. (2014). Effects of reduction application of controlled-release nitrogen fertilizer on growth, nitrogen uptake-utilization of rice and ammonia volatilization in paddy soil. (in Chinese with English abstract). Master dissertation of Hunan Agricultural University (Changsha, China)
85	28.20	113.60	rice	1.07	5.70	13.97	3.21	31.71	27.43	750.72	510.24	180.00	50.54	Zhou L. (2014). Effects of reduction application of controlled-release nitrogen fertilizer on growth, nitrogen uptake-utilization of rice and ammonia volatilization in paddy soil. (in Chinese with English abstract). Master dissertation of Hunan Agricultural University (Changsha, China)
86	28.20	113.10	rice	1.40	5.77	37.67	1.92	29.05	26.77	562.80	618.12	0.00	5.65	Zhu J. (2013). Effect of nitrogen application levels on ammonia volatilization and its mechanisms in typical double cropping paddy field of southern hills region. (in Chinese with English abstract). Master dissertation of Central South University (Changsha, China)
87	28.20	113.10	rice	1.40	5.77	37.67	1.92	29.05	26.77	562.80	618.12	112.50	38.31	Zhu J. (2013). Effect of nitrogen application levels on ammonia volatilization and its mechanisms in typical double cropping paddy field of southern hills region. (in Chinese with English abstract). Master dissertation of Central South University (Changsha, China)
88	28.20	113.10	rice	1.40	5.77	37.67	1.92	29.05	26.77	562.80	618.12	150.00	65.67	Zhu J. (2013). Effect of nitrogen application levels on ammonia volatilization and its mechanisms in typical double cropping paddy field of southern hills region. (in Chinese with English abstract). Master dissertation of Central South University (Changsha, China)
89	28.20	113.10	rice	1.40	5.77	37.67	1.92	29.05	26.77	562.80	618.12	187.50	85.20	Zhu J. (2013). Effect of nitrogen application levels on ammonia volatilization and its mechanisms in typical double cropping paddy field of southern hills region. (in Chinese with English abstract). Master dissertation of Central South University (Changsha, China)
90	28.20	113.10	rice	1.40	5.77	37.67	1.92	29.05	26.77	562.80	618.12	225.00	104.64	Zhu J. (2013). Effect of nitrogen application levels on ammonia volatilization and its mechanisms in typical double cropping paddy field of southern hills region. (in Chinese with English abstract). Master dissertation of Central South University (Changsha, China)
91	28.20	113.10	rice	1.40	5.77	37.67	1.92	29.05	26.77	562.80	618.12	300.00	137.97	Zhu J. (2013). Effect of nitrogen application levels on ammonia volatilization and its mechanisms in typical double cropping paddy field of southern hills region. (in Chinese with English abstract). Master dissertation of Central South University (Changsha, China)
92	31.53	120.68	rice	1.52	7.36	35.00	2.09	6.68	26.36	507.24	645.60	0.00	7.59	Cao Y. et al. (2015). Effects of integrated high-efficiency practice versus conventional practice on rice yield and N fate. Agriculture, Ecosystems & Environment. 202: 1-7
93	31.53	120.68	rice	1.52	7.36	35.00	2.09	6.68	26.36	507.24	645.60	300.00	49.20	Cao Y. et al. (2015). Effects of integrated high-efficiency practice versus conventional practice on rice yield and N fate. Agriculture, Ecosystems & Environment. 202: 1-7
94	31.53	120.68	rice	1.52	7.36	35.00	2.09	6.68	26.36	507.24	645.60	225.00	22.60	Cao Y. et al. (2015). Effects of integrated high-efficiency practice versus conventional practice on rice yield and N fate. Agriculture, Ecosystems & Environment. 202: 1-7
95	29.95	115.55	rice	1.44	5.18	23.86	1.63	23.00	27.71	747.36	634.08	0.00	3.48	Liu T. et al. (2015). Deep placement of nitrogen fertilizers reduces ammonia volatilization and increases nitrogen utilization efficiency in no-tillage paddy fields in central China. Field Crops Research. 184: 80-90
96	29.95	115.55	rice	1.44	5.18	23.86	1.63	23.00	27.71	747.36	634.08	216.00	59.52	Liu T. et al. (2015). Deep placement of nitrogen fertilizers reduces ammonia volatilization and increases nitrogen utilization efficiency in no-tillage paddy fields in central China. Field Crops Research. 184: 80-90
97	29.95	115.55	rice	1.44	5.18	23.86	1.63	23.00	27.71	747.36	634.08	216.00	47.55	Liu T. et al. (2015). Deep placement of nitrogen fertilizers reduces ammonia volatilization and increases nitrogen utilization efficiency in no-tillage paddy fields in central China. Field Crops Research. 184: 80-90
98	29.95	115.55	rice	1.44	5.18	23.86	1.63	23.00	27.71	747.36	634.08	216.00	39.26	Liu T. et al. (2015). Deep placement of nitrogen fertilizers reduces ammonia volatilization and increases nitrogen utilization efficiency in no-tillage paddy fields in central China. Field Crops Research. 184: 80-90
99	29.95	115.55	rice	1.44	5.18	23.86	1.63	23.00	27.71	747.36	634.08	216.00	32.72	Liu T. et al. (2015). Deep placement of nitrogen fertilizers reduces ammonia volatilization and increases nitrogen utilization efficiency in no-tillage paddy fields in central China. Field Crops Research. 184: 80-90
100	29.95	115.55	rice	1.44	5.18	23.86	1.63	23.00	27.71	747.36	634.08	216.00	64.77	Liu T. et al. (2015). Deep placement of nitrogen fertilizers reduces ammonia volatilization and increases nitrogen utilization efficiency in no-tillage paddy fields in central China. Field Crops Research. 184: 80-90
101	29.95	115.55	rice	1.44	5.18	23.86	1.63	23.00	27.71	747.36	634.08	216.00	55.09	Liu T. et al. (2015). Deep placement of nitrogen fertilizers reduces ammonia volatilization and increases nitrogen utilization efficiency in no-tillage paddy fields in central China. Field Crops Research. 184: 80-90
102	29.95	115.55	rice	1.44	5.18	23.86	1.63	23.00	27.71	747.36	634.08	216.00	46.97	Liu T. et al. (2015). Deep placement of nitrogen fertilizers reduces ammonia volatilization and increases nitrogen utilization efficiency in no-tillage paddy fields in central China. Field Crops Research. 184: 80-90
103	29.95	115.55	rice	1.44	5.18	23.86	1.63	23.00	27.71	747.36	634.08	216.00	38.78	Liu T. et al. (2015). Deep placement of nitrogen fertilizers reduces ammonia volatilization and increases nitrogen utilization efficiency in no-tillage paddy fields in central China. Field Crops Research. 184: 80-90
104	31.53	120.68	rice	1.52	7.36	28.40	2.09	20.82	26.23	726.96	779.28	0.00	1.29	Cao Y. et al. (2013). Assessment of ammonia volatilization from paddy fields under crop management practices aimed to increase grain yield and N efficiency. Field Crops Research. 147: 23-31
105	31.53	120.68	rice	1.52	7.36	28.40	2.09	20.82	26.23	726.96	779.28	300.00	51.58	Cao Y. et al. (2013). Assessment of ammonia volatilization from paddy fields under crop management practices aimed to increase grain yield and N efficiency. Field Crops Research. 147: 23-31
106	31.53	120.68	rice	1.52	7.36	28.40	2.09	20.82	26.23	726.96	779.28	270.00	26.90	Cao Y. et al. (2013). Assessment of ammonia volatilization from paddy fields under crop management practices aimed to increase grain yield and N efficiency. Field Crops Research. 147: 23-31
107	31.53	120.68	rice	1.52	7.36	28.40	2.09	20.82	26.23	726.96	779.28	0.00	7.59	Cao Y. et al. (2013). Assessment of ammonia volatilization from paddy fields under crop management practices aimed to increase grain yield and N efficiency. Field Crops Research. 147: 23-31
108	31.53	120.68	rice	1.52	7.36	28.40	2.09	20.82	26.23	726.96	779.28	300.00	49.20	Cao Y. et al. (2013). Assessment of ammonia volatilization from paddy fields under crop management practices aimed to increase grain yield and N efficiency. Field Crops Research. 147: 23-31
109	31.53	120.68	rice	1.52	7.36	28.40	2.09	20.82	26.23	726.96	779.28	270.00	29.69	Cao Y. et al. (2013). Assessment of ammonia volatilization from paddy fields under crop management practices aimed to increase grain yield and N efficiency. Field Crops Research. 147: 23-31
110	38.13	106.27	rice	1.39	8.58	14.87	1.09	22.64	21.53	118.08	405.48	0.00	27.60	Zhang H. et al. (2011). Study on the ammonia volatilization from paddy field in irrigation area of the Yellow River. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 17(5): 1131-1139
111	38.13	106.27	rice	1.39	8.58	14.87	1.09	22.64	21.53	118.08	405.48	300.00	94.10	Zhang H. et al. (2011). Study on the ammonia volatilization from paddy field in irrigation area of the Yellow River. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 17(5): 1131-1139
112	38.13	106.27	rice	1.39	8.58	14.87	1.09	22.64	21.53	118.08	405.48	240.00	71.40	Zhang H. et al. (2011). Study on the ammonia volatilization from paddy field in irrigation area of the Yellow River. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 17(5): 1131-1139
113	31.53	120.68	rice	1.52	7.35	35.00	2.01	20.82	27.26	470.76	707.88	0.00	2.96	Zhang B. et al. (2017). Effects of chlorine-containing nitrogen fertilizer on ammonia volatilization and yields under rice–wheat rotation system in Taihu Lake region. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 557-566
114	31.53	120.68	rice	1.52	7.35	35.00	2.01	20.82	27.26	470.76	707.88	240.00	22.51	Zhang B. et al. (2017). Effects of chlorine-containing nitrogen fertilizer on ammonia volatilization and yields under rice–wheat rotation system in Taihu Lake region. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 557-566
115	31.53	120.68	rice	1.52	7.35	35.00	2.01	20.82	27.26	470.76	707.88	240.00	26.21	Zhang B. et al. (2017). Effects of chlorine-containing nitrogen fertilizer on ammonia volatilization and yields under rice–wheat rotation system in Taihu Lake region. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 557-566
116	31.53	120.68	rice	1.52	7.35	35.00	2.01	20.82	27.26	470.76	707.88	0.00	4.41	Zhang B. et al. (2017). Effects of chlorine-containing nitrogen fertilizer on ammonia volatilization and yields under rice–wheat rotation system in Taihu Lake region. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 557-566
117	31.53	120.68	rice	1.52	7.35	35.00	2.01	20.82	27.26	470.76	707.88	240.00	28.89	Zhang B. et al. (2017). Effects of chlorine-containing nitrogen fertilizer on ammonia volatilization and yields under rice–wheat rotation system in Taihu Lake region. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 557-566
118	31.53	120.68	rice	1.52	7.35	35.00	2.01	20.82	27.26	470.76	707.88	240.00	30.54	Zhang B. et al. (2017). Effects of chlorine-containing nitrogen fertilizer on ammonia volatilization and yields under rice–wheat rotation system in Taihu Lake region. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 557-566
119	31.55	120.70	rice	1.48	7.35	35.00	2.01	20.82	25.00	717.96	707.88	0.00	3.52	Zhang W. et al. (2016). Study on effect of thiourea amine on crop yield and ammonia volatilization in a rice-wheat rotation system. (in Chinese with English abstract). Master dissertation of Sichuan Agricultural University (Sichuan, China)
120	31.55	120.70	rice	1.48	7.35	35.00	2.01	20.82	25.00	717.96	707.88	240.00	21.58	Zhang W. et al. (2016). Study on effect of thiourea amine on crop yield and ammonia volatilization in a rice-wheat rotation system. (in Chinese with English abstract). Master dissertation of Sichuan Agricultural University (Sichuan, China)
121	31.55	120.70	rice	1.48	7.35	35.00	2.01	20.82	25.00	717.96	707.88	240.00	21.79	Zhang W. et al. (2016). Study on effect of thiourea amine on crop yield and ammonia volatilization in a rice-wheat rotation system. (in Chinese with English abstract). Master dissertation of Sichuan Agricultural University (Sichuan, China)
122	31.55	120.70	rice	1.48	7.35	35.00	2.01	20.82	25.08	1026.84	707.88	0.00	2.49	Zhang W. et al. (2016). Study on effect of thiourea amine on crop yield and ammonia volatilization in a rice-wheat rotation system. (in Chinese with English abstract). Master dissertation of Sichuan Agricultural University (Sichuan, China)
123	31.55	120.70	rice	1.48	7.35	35.00	2.01	20.82	25.08	1026.84	707.88	240.00	22.53	Zhang W. et al. (2016). Study on effect of thiourea amine on crop yield and ammonia volatilization in a rice-wheat rotation system. (in Chinese with English abstract). Master dissertation of Sichuan Agricultural University (Sichuan, China)
124	31.55	120.70	rice	1.48	7.35	35.00	2.01	20.82	25.08	1026.84	707.88	240.00	21.99	Zhang W. et al. (2016). Study on effect of thiourea amine on crop yield and ammonia volatilization in a rice-wheat rotation system. (in Chinese with English abstract). Master dissertation of Sichuan Agricultural University (Sichuan, China)
125	31.65	117.67	rice	1.39	6.18	34.36	1.30	17.76	26.81	533.28	582.96	0.00	7.04	Wu L. (2016). Study about the Effect of Nitrogen Application Rate on Nitrogen Loss and Threshold of Nitrogen Fertilizer Input under Rice-wheat Rotation. (in Chinese with English abstract). Master dissertation of Anhui Agricultural University (Hefei, China)
126	31.65	117.67	rice	1.39	6.18	34.36	1.30	17.76	26.81	533.28	582.96	168.75	36.69	Wu L. (2016). Study about the Effect of Nitrogen Application Rate on Nitrogen Loss and Threshold of Nitrogen Fertilizer Input under Rice-wheat Rotation. (in Chinese with English abstract). Master dissertation of Anhui Agricultural University (Hefei, China)
127	31.65	117.67	rice	1.39	6.18	34.36	1.30	17.76	26.81	533.28	582.96	225.00	40.55	Wu L. (2016). Study about the Effect of Nitrogen Application Rate on Nitrogen Loss and Threshold of Nitrogen Fertilizer Input under Rice-wheat Rotation. (in Chinese with English abstract). Master dissertation of Anhui Agricultural University (Hefei, China)
128	31.65	117.67	rice	1.39	6.18	34.36	1.30	17.76	26.81	533.28	582.96	281.25	52.71	Wu L. (2016). Study about the Effect of Nitrogen Application Rate on Nitrogen Loss and Threshold of Nitrogen Fertilizer Input under Rice-wheat Rotation. (in Chinese with English abstract). Master dissertation of Anhui Agricultural University (Hefei, China)
129	31.65	117.67	rice	1.39	6.18	34.36	1.30	17.76	26.81	533.28	582.96	337.50	72.36	Wu L. (2016). Study about the Effect of Nitrogen Application Rate on Nitrogen Loss and Threshold of Nitrogen Fertilizer Input under Rice-wheat Rotation. (in Chinese with English abstract). Master dissertation of Anhui Agricultural University (Hefei, China)
130	31.53	120.68	rice	1.52	7.36	35.00	2.09	20.82	25.00	717.96	707.88	0.00	2.96	Ao Y. et al.(2016). Effects of Urea-ammonium Mixed Nitrogen Fertilizer on Ammonia Volatilization and Nitrogen Use Efficiency in Paddy Field of Taihu Lake Region. (in Chinese with English abstract). Soils. 48(2): 248–253
131	31.53	120.68	rice	1.52	7.36	35.00	2.09	20.82	25.00	717.96	707.88	240.00	22.51	Ao Y. et al.(2016). Effects of Urea-ammonium Mixed Nitrogen Fertilizer on Ammonia Volatilization and Nitrogen Use Efficiency in Paddy Field of Taihu Lake Region. (in Chinese with English abstract). Soils. 48(2): 248–253
132	31.53	120.68	rice	1.52	7.36	35.00	2.09	20.82	25.00	717.96	707.88	240.00	26.21	Ao Y. et al.(2016). Effects of Urea-ammonium Mixed Nitrogen Fertilizer on Ammonia Volatilization and Nitrogen Use Efficiency in Paddy Field of Taihu Lake Region. (in Chinese with English abstract). Soils. 48(2): 248–253
133	43.73	124.25	rice	1.48	6.90	22.42	1.82	20.75	21.54	380.16	668.64	0.00	0.79	Qi X. (2016). Study on the effect of one-off application of several new slow/control release fertilizers on Rice. (in Chinese with English abstract). Master dissertation of Jilin Agricultural University (Changchun, China)
134	43.73	124.25	rice	1.48	6.90	22.42	1.82	20.75	21.54	380.16	668.64	180.00	2.48	Qi X. (2016). Study on the effect of one-off application of several new slow/control release fertilizers on Rice. (in Chinese with English abstract). Master dissertation of Jilin Agricultural University (Changchun, China)
135	30.55	103.65	rice	1.40	6.97	27.50	2.11	18.40	21.81	894.48	471.24	0.00	2.88	Fu Y. (2016). Effects of Controlled-release Nitrogen Fertilizer Combined with Urea on Growth, Nitrogen Uptake and Accumulation of Rice. (in Chinese with English abstract). Master dissertation of Sichuan Agricultural University (Sichuan, China)
136	30.55	103.65	rice	1.40	6.97	27.50	2.11	18.40	21.81	894.48	471.24	150.00	24.41	Fu Y. (2016). Effects of Controlled-release Nitrogen Fertilizer Combined with Urea on Growth, Nitrogen Uptake and Accumulation of Rice. (in Chinese with English abstract). Master dissertation of Sichuan Agricultural University (Sichuan, China)
137	31.62	120.47	rice	1.52	6.80	28.59	0.85	17.75	25.16	754.56	708.60	0.00	5.21	Wang H. et al. (2016). Suppression of Ammonia Volatilization from Rice–Wheat Rotation Fields Amended with Controlled-Release Urea and Urea. Agronomy Journal. 108(3): 1214-1224
138	31.62	120.47	rice	1.52	6.80	28.59	0.85	17.75	25.16	754.56	708.60	255.00	8.72	Wang H. et al. (2016). Suppression of Ammonia Volatilization from Rice–Wheat Rotation Fields Amended with Controlled-Release Urea and Urea. Agronomy Journal. 108(3): 1214-1224
139	31.62	120.47	rice	1.52	6.80	28.59	0.85	17.75	25.16	754.56	708.60	0.00	3.41	Wang H. et al. (2016). Suppression of Ammonia Volatilization from Rice–Wheat Rotation Fields Amended with Controlled-Release Urea and Urea. Agronomy Journal. 108(3): 1214-1224
140	31.62	120.47	rice	1.52	6.80	28.59	0.85	17.75	25.16	754.56	708.60	255.00	8.89	Wang H. et al. (2016). Suppression of Ammonia Volatilization from Rice–Wheat Rotation Fields Amended with Controlled-Release Urea and Urea. Agronomy Journal. 108(3): 1214-1224
141	19.50	109.60	rice	1.30	4.98	30.40	1.39	25.74	29.86	399.72	696.48	0.00	1.23	Xue X. et al. (2018). Effects of loss-controlled urea on ammonia volatilization, N translocation and utilization efficiency in paddy rice. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 29(1): 133-140
142	19.50	109.60	rice	1.30	4.98	30.40	1.39	25.74	29.86	399.72	696.48	185.00	28.56	Xue X. et al. (2018). Effects of loss-controlled urea on ammonia volatilization, N translocation and utilization efficiency in paddy rice. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 29(1): 133-140
143	28.32	113.82	rice	1.07	5.61	16.60	1.21	31.71	25.79	965.16	510.24	0.00	7.60	Tian C. et al. (2018). Ammonia Volatilization Loss and Nitrogen Use Efficiency in Double-cropping Rice Field as Affected by Decreasing Controlled-release Urea Application Level. (in Chinese with English abstract). Chin J Rice Sci. 32(4): 387-397
144	28.32	113.82	rice	1.07	5.61	16.60	1.21	31.71	25.79	965.16	510.24	150.00	47.20	Tian C. et al. (2018). Ammonia Volatilization Loss and Nitrogen Use Efficiency in Double-cropping Rice Field as Affected by Decreasing Controlled-release Urea Application Level. (in Chinese with English abstract). Chin J Rice Sci. 32(4): 387-397
145	28.32	113.82	rice	1.07	5.61	16.60	1.21	31.71	25.79	965.16	510.24	0.00	10.30	Tian C. et al. (2018). Ammonia Volatilization Loss and Nitrogen Use Efficiency in Double-cropping Rice Field as Affected by Decreasing Controlled-release Urea Application Level. (in Chinese with English abstract). Chin J Rice Sci. 32(4): 387-397
146	28.32	113.82	rice	1.07	5.61	16.60	1.21	31.71	25.79	965.16	510.24	180.00	61.90	Tian C. et al. (2018). Ammonia Volatilization Loss and Nitrogen Use Efficiency in Double-cropping Rice Field as Affected by Decreasing Controlled-release Urea Application Level. (in Chinese with English abstract). Chin J Rice Sci. 32(4): 387-397
147	31.25	119.87	rice	1.40	6.30	32.50	2.27	17.33	25.10	1100.00	660.60	0.00	27.67	Yang R. et al. (2017). Precision application of biogas slurry and its environmental effects in paddy fields. (in Chinese with English abstract). Journal of Agro-Envi- ronment Science. 36(8): 1566-1572
148	31.25	119.87	rice	1.40	6.30	32.50	2.27	17.33	25.10	1100.00	660.60	225.00	70.92	Yang R. et al. (2017). Precision application of biogas slurry and its environmental effects in paddy fields. (in Chinese with English abstract). Journal of Agro-Envi- ronment Science. 36(8): 1566-1572
149	28.12	115.93	rice	1.07	5.02	29.40	3.06	27.90	27.22	1083.00	669.60	0.00	1.64	Xie Z.(2016).Nitrogen transformation and productivity of paddy field influenced by catch crop. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultral University (Wuhan, China)
150	28.12	115.93	rice	1.07	5.02	29.40	3.06	27.90	27.22	1083.00	669.60	150.00	93.40	Xie Z.(2016).Nitrogen transformation and productivity of paddy field influenced by catch crop. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultral University (Wuhan, China)
151	32.55	117.86	rice	1.40	6.60	23.30	1.27	22.23	24.95	937.44	694.08	0.00	4.33	Wu G.et al.(2019).Ammonia volatilization under different water management and nitrogen schemes in a paddy field.(in Chinese with English abstract).Journal of Ecology and Rural Environment.35(05):651-658
152	32.55	117.86	rice	1.40	6.60	23.30	1.27	22.23	24.95	937.44	694.08	195.00	69.53	Wu G.et al.(2019).Ammonia volatilization under different water management and nitrogen schemes in a paddy field.(in Chinese with English abstract).Journal of Ecology and Rural Environment.35(05):651-658
153	32.55	117.86	rice	1.40	6.60	23.30	1.27	22.23	24.95	937.44	694.08	195.00	59.64	Wu G.et al.(2019).Ammonia volatilization under different water management and nitrogen schemes in a paddy field.(in Chinese with English abstract).Journal of Ecology and Rural Environment.35(05):651-658
154	32.55	117.86	rice	1.40	6.60	23.30	1.27	22.23	24.95	937.44	694.08	0.00	4.25	Wu G.et al.(2019).Ammonia volatilization under different water management and nitrogen schemes in a paddy field.(in Chinese with English abstract).Journal of Ecology and Rural Environment.35(05):651-658
155	32.55	117.86	rice	1.40	6.60	23.30	1.27	22.23	24.95	937.44	694.08	195.00	62.55	Wu G.et al.(2019).Ammonia volatilization under different water management and nitrogen schemes in a paddy field.(in Chinese with English abstract).Journal of Ecology and Rural Environment.35(05):651-658
156	32.55	117.86	rice	1.40	6.60	23.30	1.27	22.23	24.95	937.44	694.08	195.00	57.38	Wu G.et al.(2019).Ammonia volatilization under different water management and nitrogen schemes in a paddy field.(in Chinese with English abstract).Journal of Ecology and Rural Environment.35(05):651-658
157	32.00	119.50	rice	1.52	6.62	22.79	1.41	21.00	27.18	562.44	698.76	0.00	10.30	Tang Y.et al.(2019).Effects of a single application of oxamide on rice yield, N fertilizer utilization, ammonia volatilization and nitrogen leakage losses.(in Chinese with English abstract).Chinese Journal ofJiangsu Agricultural Science.47(05):50-55
158	32.00	119.50	rice	1.52	6.62	22.79	1.41	21.00	27.18	562.44	698.76	225.00	107.00	Tang Y.et al.(2019).Effects of a single application of oxamide on rice yield, N fertilizer utilization, ammonia volatilization and nitrogen leakage losses.(in Chinese with English abstract).Chinese Journal ofJiangsu Agricultural Science.47(05):50-55
159	32.00	119.50	rice	1.52	6.62	22.79	1.41	21.00	27.18	562.44	698.76	0.00	3.60	Tang Y.et al.(2019).Effects of a single application of oxamide on rice yield, N fertilizer utilization, ammonia volatilization and nitrogen leakage losses.(in Chinese with English abstract).Chinese Journal ofJiangsu Agricultural Science.47(05):50-55
160	32.00	119.50	rice	1.52	6.62	22.79	1.41	21.00	27.18	562.44	698.76	225.00	28.30	Tang Y.et al.(2019).Effects of a single application of oxamide on rice yield, N fertilizer utilization, ammonia volatilization and nitrogen leakage losses.(in Chinese with English abstract).Chinese Journal ofJiangsu Agricultural Science.47(05):50-55
161	31.48	119.99	rice	1.40	6.38	22.80	1.56	17.75	25.27	1006.20	708.60	0.00	2.45	Feng Y.et al.(2018).Sawdust biochar application to rice paddy field: reduced nitrogen loss in floodwater accompanied with increased NH3 volatilization.Environmental Science and Pollution Research.25(9): 8388-8395
162	31.48	119.99	rice	1.40	6.38	22.80	1.56	17.75	25.27	1006.20	708.60	240.00	15.85	Feng Y.et al.(2018).Sawdust biochar application to rice paddy field: reduced nitrogen loss in floodwater accompanied with increased NH3 volatilization.Environmental Science and Pollution Research.25(9): 8388-8395
163	31.66	118.72	rice	1.40	6.10	18.57	2.11	23.22	23.97	635.88	633.36	0.00	7.70	Jiang J.et al.(2018).Assessment of reactive nitrogen mitigation potential of different nitrogen treatments under direct-seeded rice and wheat cropping system.Environmental Science and Pollution Research.25(20): 20241-20254
164	31.66	118.72	rice	1.40	6.10	18.57	2.11	23.22	23.97	635.88	633.36	270.00	26.12	Jiang J.et al.(2018).Assessment of reactive nitrogen mitigation potential of different nitrogen treatments under direct-seeded rice and wheat cropping system.Environmental Science and Pollution Research.25(20): 20241-20254
165	31.66	118.72	rice	1.40	6.10	18.57	2.11	23.22	23.97	635.88	633.36	270.00	30.26	Jiang J.et al.(2018).Assessment of reactive nitrogen mitigation potential of different nitrogen treatments under direct-seeded rice and wheat cropping system.Environmental Science and Pollution Research.25(20): 20241-20254
166	31.66	118.72	rice	1.40	6.10	18.57	2.11	23.22	23.97	635.88	633.36	270.00	19.32	Jiang J.et al.(2018).Assessment of reactive nitrogen mitigation potential of different nitrogen treatments under direct-seeded rice and wheat cropping system.Environmental Science and Pollution Research.25(20): 20241-20254
167	29.80	115.50	rice	1.50	5.18	23.86	2.39	23.00	26.10	386.20	634.08	0.00	9.90	Liu T.et al.(2018).Effects of N Fertilizer Sources and Tillage Practices on NH3 Volatilization, Grain Yield, and N Use Efficiency of Rice Fields in Central China.Frontiers in Plant Science.9: 385
168	29.80	115.50	rice	1.50	5.18	23.86	2.39	23.00	26.10	386.20	634.08	180.00	41.40	Liu T.et al.(2018).Effects of N Fertilizer Sources and Tillage Practices on NH3 Volatilization, Grain Yield, and N Use Efficiency of Rice Fields in Central China.Frontiers in Plant Science.9: 385
169	29.80	115.50	rice	1.50	5.18	23.86	2.39	23.00	26.10	386.20	634.08	0.00	20.80	Liu T.et al.(2018).Effects of N Fertilizer Sources and Tillage Practices on NH3 Volatilization, Grain Yield, and N Use Efficiency of Rice Fields in Central China.Frontiers in Plant Science.9: 385

170	29.80	115.50	rice	1.50	5.18	23.86	2.39	23.00	26.10	386.20	634.08	180.00	51.60	Liu T.et al.(2018).Effects of N Fertilizer Sources and Tillage Practices on NH3 Volatilization, Grain Yield, and N Use Efficiency of Rice Fields in Central China.Frontiers in Plant Science.9: 385
171	31.30	119.80	rice	1.40	6.25	26.85	1.56	17.33	24.22	517.56	640.80	0.00	1.38	Sun H.et al.(2018).Biochar application mode influences nitrogen leaching and NH3 volatilization losses in a rice paddy soil irrigated with N-rich wastewater.Environmental technology.39(16): 2090-2096
172	31.30	119.80	rice	1.40	6.25	26.85	1.56	17.33	24.22	517.56	640.80	225.00	15.50	Sun H.et al.(2018).Biochar application mode influences nitrogen leaching and NH3 volatilization losses in a rice paddy soil irrigated with N-rich wastewater.Environmental technology.39(16): 2090-2096
173	30.13	120.16	rice	1.40	5.57	28.25	2.05	29.60	25.49	656.04	641.88	0.00	11.54	Zhang Y.et al.(2017).Tracing the fate of nitrogen with 15N isotope considering suitable fertilizer rate related to yield and environment impacts in paddy field. Paddy and Water Environment.15(4): 943-949
174	30.13	120.16	rice	1.40	5.57	28.25	2.05	29.60	25.49	656.04	641.88	75.00	30.77	Zhang Y.et al.(2017).Tracing the fate of nitrogen with 15N isotope considering suitable fertilizer rate related to yield and environment impacts in paddy field. Paddy and Water Environment.15(4): 943-949
175	30.13	120.16	rice	1.40	5.57	28.25	2.05	29.60	25.49	656.04	641.88	225.00	112.31	Zhang Y.et al.(2017).Tracing the fate of nitrogen with 15N isotope considering suitable fertilizer rate related to yield and environment impacts in paddy field. Paddy and Water Environment.15(4): 943-949
176	30.13	120.16	rice	1.40	5.57	28.25	2.05	29.60	25.49	656.04	641.88	375.00	215.39	Zhang Y.et al.(2017).Tracing the fate of nitrogen with 15N isotope considering suitable fertilizer rate related to yield and environment impacts in paddy field. Paddy and Water Environment.15(4): 943-949
177	19.50	109.60	rice	1.30	4.98	30.40	1.39	25.74	26.68	976.20	491.52	0.00	1.23	XU X.et al.(2017).Effects of loss-controlled urea on ammonia volatilization,N translocation and utilization efficiency in paddy rice.(in Chinese with English abstract).Chinese Journal of Applied Ecology.29(1) : 133-140
178	19.50	109.60	rice	1.30	4.98	30.40	1.39	25.74	26.68	976.20	491.52	185.00	28.56	XU X.et al.(2017).Effects of loss-controlled urea on ammonia volatilization,N translocation and utilization efficiency in paddy rice.(in Chinese with English abstract).Chinese Journal of Applied Ecology.29(1) : 133-140
179	28.30	113.50	rice	1.07	5.60	16.62	1.21	31.71	25.33	1138.08	492.12	0.00	7.60	Tian C.et al.(2018).Ammonia volatilization loss and nitrogen use efficiency in double-cropping rice field as affected by decreasing controlled-release urea application level.(in Chinese with English abstract).Chinese Journal of J Rice Sci.32(4) : 387-397
180	28.30	113.50	rice	1.07	5.60	16.62	1.21	31.71	25.33	1138.08	492.12	180.00	47.20	Tian C.et al.(2018).Ammonia volatilization loss and nitrogen use efficiency in double-cropping rice field as affected by decreasing controlled-release urea application level.(in Chinese with English abstract).Chinese Journal of J Rice Sci.32(4) : 387-397
181	28.30	113.50	rice	1.07	5.60	16.62	1.21	31.71	25.33	1138.08	492.12	0.00	10.30	Tian C.et al.(2018).Ammonia volatilization loss and nitrogen use efficiency in double-cropping rice field as affected by decreasing controlled-release urea application level.(in Chinese with English abstract).Chinese Journal of J Rice Sci.32(4) : 387-397
182	28.30	113.50	rice	1.07	5.60	16.62	1.21	31.71	25.33	1138.08	492.12	180.00	61.90	Tian C.et al.(2018).Ammonia volatilization loss and nitrogen use efficiency in double-cropping rice field as affected by decreasing controlled-release urea application level.(in Chinese with English abstract).Chinese Journal of J Rice Sci.32(4) : 387-397
183	31.50	120.60	rice	1.48	7.00	26.60	2.83	31.90	25.08	1026.84	707.88	0.00	16.26	Wang S.et al.(2018).Quantitative determination of N loss through denitrification underifferent N fertilizer application rates by membrane inlet mass spectrometry.(in Chinese with English abstract).Chinese Journal of Soil.50(4) : 664-673
184	31.50	120.60	rice	1.48	7.00	26.60	2.83	31.90	25.08	1026.84	707.88	270.00	48.79	Wang S.et al.(2018).Quantitative determination of N loss through denitrification underifferent N fertilizer application rates by membrane inlet mass spectrometry.(in Chinese with English abstract).Chinese Journal of Soil.50(4) : 664-673
185	31.50	120.60	rice	1.48	7.00	26.60	2.83	31.90	25.08	1026.84	707.88	300.00	69.81	Wang S.et al.(2018).Quantitative determination of N loss through denitrification underifferent N fertilizer application rates by membrane inlet mass spectrometry.(in Chinese with English abstract).Chinese Journal of Soil.50(4) : 664-673
186	31.50	120.60	rice	1.48	7.00	26.60	2.83	31.90	25.08	1026.84	707.88	375.00	81.59	Wang S.et al.(2018).Quantitative determination of N loss through denitrification underifferent N fertilizer application rates by membrane inlet mass spectrometry.(in Chinese with English abstract).Chinese Journal of Soil.50(4) : 664-673
187	38.13	115.07	wheat	1.51	7.80	19.30	1.00	14.90	10.75	359.80	1026.48	0.00	5.25	Li X. (2007). Fate of Fertilizer Nitrogen and Gaseous N Loss in Winter Wheat-Summer Maize Rotation System in North China Plain. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
188	38.13	115.07	wheat	1.51	7.80	19.30	1.00	14.90	10.75	359.80	1026.48	75.00	5.97	Li X. (2007). Fate of Fertilizer Nitrogen and Gaseous N Loss in Winter Wheat-Summer Maize Rotation System in North China Plain. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
189	38.13	115.07	wheat	1.51	7.80	19.30	1.00	14.90	10.75	359.80	1026.48	150.00	7.22	Li X. (2007). Fate of Fertilizer Nitrogen and Gaseous N Loss in Winter Wheat-Summer Maize Rotation System in North China Plain. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
190	38.13	115.07	wheat	1.51	7.80	19.30	1.00	14.90	10.75	359.80	1026.48	225.00	9.31	Li X. (2007). Fate of Fertilizer Nitrogen and Gaseous N Loss in Winter Wheat-Summer Maize Rotation System in North China Plain. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
191	38.13	115.07	wheat	1.51	7.80	19.30	1.00	14.90	10.75	359.80	1026.48	300.00	12.85	Li X. (2007). Fate of Fertilizer Nitrogen and Gaseous N Loss in Winter Wheat-Summer Maize Rotation System in North China Plain. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
192	38.13	115.07	wheat	1.51	8.60	19.30	1.00	9.00	10.75	359.80	1026.48	0.00	5.25	Ma Y. et al. (2012). Effects of N Fertilization Rates on the NH3 Volatilization and N2O Emissions from the Wheat-Maize Rotation System in North China Plain. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(2): 225-230
193	38.13	115.07	wheat	1.51	8.60	19.30	1.00	9.00	10.75	359.80	1026.48	75.00	6.03	Ma Y. et al. (2012). Effects of N Fertilization Rates on the NH3 Volatilization and N2O Emissions from the Wheat-Maize Rotation System in North China Plain. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(2): 225-230
194	38.13	115.07	wheat	1.51	8.60	19.30	1.00	9.00	10.75	359.80	1026.48	150.00	7.46	Ma Y. et al. (2012). Effects of N Fertilization Rates on the NH3 Volatilization and N2O Emissions from the Wheat-Maize Rotation System in North China Plain. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(2): 225-230
195	38.13	115.07	wheat	1.51	8.60	19.30	1.00	9.00	10.75	359.80	1026.48	225.00	9.47	Ma Y. et al. (2012). Effects of N Fertilization Rates on the NH3 Volatilization and N2O Emissions from the Wheat-Maize Rotation System in North China Plain. (in Chinese with English abstract). Ecology and Environmental Sciences. 21(2): 225-230
196	39.60	116.00	wheat	1.38	8.30	15.90	0.09	19.76	21.80	532.00	982.00	0.00	3.01	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
197	39.60	116.00	wheat	1.38	8.30	15.90	0.09	19.76	21.80	532.00	982.00	50.00	4.35	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
198	39.60	116.00	wheat	1.38	8.30	15.90	0.09	19.76	21.80	532.00	982.00	100.00	5.91	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
199	39.60	116.00	wheat	1.38	8.30	15.90	0.09	19.76	21.80	532.00	982.00	150.00	9.46	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
200	39.60	116.00	wheat	1.38	8.30	15.90	0.09	19.76	21.80	532.00	982.00	200.00	11.03	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
201	39.60	116.00	wheat	1.38	8.30	15.90	0.09	19.76	21.80	532.00	982.00	250.00	14.64	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
202	39.60	116.00	wheat	1.38	8.30	15.90	0.09	19.76	21.80	532.00	982.00	300.00	14.87	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
203	39.60	116.00	wheat	1.38	8.30	15.90	0.09	19.76	21.80	532.00	982.00	400.00	21.20	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
204	35.43	117.82	wheat	1.52	7.70	11.30	0.74	21.24	9.19	206.64	1040.16	0.00	14.28	Wu G. (2012). Effects of nitrogen fertilizer management in wheat growth season on nitrogen utilization and residual effect in winter wheat and summer maize cropping system. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University (Tai'an, China)
205	35.43	117.82	wheat	1.52	7.70	11.30	0.74	21.24	9.19	206.64	1040.16	168.75	15.96	Wu G. (2012). Effects of nitrogen fertilizer management in wheat growth season on nitrogen utilization and residual effect in winter wheat and summer maize cropping system. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University (Tai'an, China)
206	35.43	117.82	wheat	1.52	7.70	11.30	0.74	21.24	9.19	206.64	1040.16	225.00	17.19	Wu G. (2012). Effects of nitrogen fertilizer management in wheat growth season on nitrogen utilization and residual effect in winter wheat and summer maize cropping system. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University (Tai'an, China)
207	35.43	117.82	wheat	1.52	7.70	11.30	0.74	21.24	9.19	206.64	1040.16	281.25	18.30	Wu G. (2012). Effects of nitrogen fertilizer management in wheat growth season on nitrogen utilization and residual effect in winter wheat and summer maize cropping system. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University (Tai'an, China)
208	35.43	117.82	wheat	1.52	7.70	11.30	0.74	21.24	9.19	206.64	1040.16	337.50	19.73	Wu G. (2012). Effects of nitrogen fertilizer management in wheat growth season on nitrogen utilization and residual effect in winter wheat and summer maize cropping system. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University (Tai'an, China)
209	39.10	116.93	wheat	1.34	8.40	27.40	1.28	17.18	10.76	153.84	983.28	0.00	3.82	Pang F. (2008). Effects of combined application of organic and inorganic fertilizers on soil ammonia volatilization and nitrate accumulation in winter wheat field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Tianjin, China)
210	39.10	116.93	wheat	1.34	8.40	27.40	1.28	17.18	10.76	153.84	983.28	100.00	5.95	Pang F. (2008). Effects of combined application of organic and inorganic fertilizers on soil ammonia volatilization and nitrate accumulation in winter wheat field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Tianjin, China)
211	39.10	116.93	wheat	1.34	8.40	27.40	1.28	17.18	10.76	153.84	983.28	200.00	6.64	Pang F. (2008). Effects of combined application of organic and inorganic fertilizers on soil ammonia volatilization and nitrate accumulation in winter wheat field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Tianjin, China)
212	39.10	116.93	wheat	1.34	8.40	27.40	1.28	17.18	10.76	153.84	983.28	300.00	7.62	Pang F. (2008). Effects of combined application of organic and inorganic fertilizers on soil ammonia volatilization and nitrate accumulation in winter wheat field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Tianjin, China)
213	39.10	116.93	wheat	1.34	8.40	27.40	1.28	17.18	10.76	153.84	983.28	400.00	8.92	Pang F. (2008). Effects of combined application of organic and inorganic fertilizers on soil ammonia volatilization and nitrate accumulation in winter wheat field. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Tianjin, China)
214	37.62	120.38	wheat	1.51	8.60	12.94	0.78	21.71	7.00	187.44	997.44	0.00	3.71	Wang D. et al. (2006). Effects of nitrogen application level on soil nitrate accumulation and ammonia in high-yielding wheat field. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 17(9): 1593-1598
215	37.62	120.38	wheat	1.51	8.60	12.94	0.78	21.71	7.00	187.44	997.44	48.00	5.74	Wang D. et al. (2006). Effects of nitrogen application level on soil nitrate accumulation and ammonia in high-yielding wheat field. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 17(9): 1593-1598
216	37.62	120.38	wheat	1.51	8.60	12.94	0.78	21.71	7.00	187.44	997.44	84.00	8.34	Wang D. et al. (2006). Effects of nitrogen application level on soil nitrate accumulation and ammonia in high-yielding wheat field. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 17(9): 1593-1598
217	37.62	120.38	wheat	1.51	8.60	12.94	0.78	21.71	7.00	187.44	997.44	120.00	15.76	Wang D. et al. (2006). Effects of nitrogen application level on soil nitrate accumulation and ammonia in high-yielding wheat field. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 17(9): 1593-1598
218	37.62	120.38	wheat	1.51	8.60	12.94	0.78	21.71	7.00	187.44	997.44	138.00	29.72	Wang D. et al. (2006). Effects of nitrogen application level on soil nitrate accumulation and ammonia in high-yielding wheat field. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 17(9): 1593-1598
219	38.02	115.53	wheat	1.38	8.60	11.70	0.94	17.83	11.65	179.52	1008.48	0.00	8.01	Wang X. et al. (2009). Effect of optimized nitrogen application on ammonia volatilization from soil in winter wheat-summer corn rotation system in Northern China. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 15(2): 344-351
220	38.02	115.53	wheat	1.38	8.60	11.70	0.94	17.83	11.65	179.52	1008.48	300.00	24.92	Wang X. et al. (2009). Effect of optimized nitrogen application on ammonia volatilization from soil in winter wheat-summer corn rotation system in Northern China. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 15(2): 344-351
221	38.02	115.53	wheat	1.38	8.60	11.70	0.94	17.83	11.65	179.52	1008.48	210.00	18.69	Wang X. et al. (2009). Effect of optimized nitrogen application on ammonia volatilization from soil in winter wheat-summer corn rotation system in Northern China. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 15(2): 344-351
222	38.02	115.53	wheat	1.38	8.60	11.70	0.94	17.83	11.65	179.52	1008.48	210.00	15.43	Wang X. et al. (2009). Effect of optimized nitrogen application on ammonia volatilization from soil in winter wheat-summer corn rotation system in Northern China. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 15(2): 344-351
223	38.13	115.07	wheat	1.51	8.60	19.30	1.00	9.00	10.75	144.24	1026.48	0.00	5.25	Ji Y. et al. (2010). Impact of Different Nitrogen Application on Nitrogen Movement and Gaseous Loss of Winter Wheat Fields. (in Chinese with English abstract). Journal of Soil and Water Conservation. 24(03): 113-118
224	38.13	115.07	wheat	1.51	8.60	19.30	1.00	9.00	10.75	144.24	1026.48	75.00	6.03	Ji Y. et al. (2010). Impact of Different Nitrogen Application on Nitrogen Movement and Gaseous Loss of Winter Wheat Fields. (in Chinese with English abstract). Journal of Soil and Water Conservation. 24(03): 113-118
225	38.13	115.07	wheat	1.51	8.60	19.30	1.00	9.00	10.75	144.24	1026.48	150.00	7.46	Ji Y. et al. (2010). Impact of Different Nitrogen Application on Nitrogen Movement and Gaseous Loss of Winter Wheat Fields. (in Chinese with English abstract). Journal of Soil and Water Conservation. 24(03): 113-118
226	38.13	115.07	wheat	1.51	8.60	19.30	1.00	9.00	10.75	144.24	1026.48	225.00	9.47	Ji Y. et al. (2010). Impact of Different Nitrogen Application on Nitrogen Movement and Gaseous Loss of Winter Wheat Fields. (in Chinese with English abstract). Journal of Soil and Water Conservation. 24(03): 113-118
227	38.13	115.07	wheat	1.51	8.60	19.30	1.00	9.00	10.75	144.24	1026.48	300.00	13.26	Ji Y. et al. (2010). Impact of Different Nitrogen Application on Nitrogen Movement and Gaseous Loss of Winter Wheat Fields. (in Chinese with English abstract). Journal of Soil and Water Conservation. 24(03): 113-118
228	31.53	120.68	wheat	1.52	7.36	34.48	1.79	20.82	12.53	430.92	703.50	0.00	6.07	Wang X. etal. (2007). Nitrogen Cycling and Losses Under Rice-Wheat Rotations with Coated Urea and Urea in the Taihu Lake Region. Pedosphere. 17(1): 62-69
229	31.53	120.68	wheat	1.52	7.36	34.48	1.79	20.82	12.53	430.92	703.50	125.00	20.99	Wang X. etal. (2007). Nitrogen Cycling and Losses Under Rice-Wheat Rotations with Coated Urea and Urea in the Taihu Lake Region. Pedosphere. 17(1): 62-69
230	31.53	120.68	wheat	1.52	7.36	34.48	1.79	20.82	12.53	430.92	703.50	250.00	40.10	Wang X. etal. (2007). Nitrogen Cycling and Losses Under Rice-Wheat Rotations with Coated Urea and Urea in the Taihu Lake Region. Pedosphere. 17(1): 62-69
231	31.70	120.80	wheat	1.52	5.23	24.60	1.64	20.82	12.53	430.92	703.50	0.00	3.41	Huang J. et al. (2009). Nitrogen use efficiency and ammonia volatilization from urea applied to wheat on a paddy field in Taihu Lake region. (in Chinese with English abstract). Journal of Anhui Agricultural University. 36(4): 677-682
232	31.70	120.80	wheat	1.52	5.23	24.60	1.64	20.82	12.53	430.92	703.50	100.00	5.47	Huang J. et al. (2009). Nitrogen use efficiency and ammonia volatilization from urea applied to wheat on a paddy field in Taihu Lake region. (in Chinese with English abstract). Journal of Anhui Agricultural University. 36(4): 677-682
233	31.70	120.80	wheat	1.52	5.23	24.60	1.64	20.82	12.53	430.92	703.50	150.00	5.67	Huang J. et al. (2009). Nitrogen use efficiency and ammonia volatilization from urea applied to wheat on a paddy field in Taihu Lake region. (in Chinese with English abstract). Journal of Anhui Agricultural University. 36(4): 677-682
234	31.70	120.80	wheat	1.52	5.23	24.60	1.64	20.82	12.53	430.92	703.50	200.00	6.99	Huang J. et al. (2009). Nitrogen use efficiency and ammonia volatilization from urea applied to wheat on a paddy field in Taihu Lake region. (in Chinese with English abstract). Journal of Anhui Agricultural University. 36(4): 677-682
235	31.70	120.80	wheat	1.52	5.23	24.60	1.64	20.82	12.53	430.92	703.50	250.00	7.63	Huang J. et al. (2009). Nitrogen use efficiency and ammonia volatilization from urea applied to wheat on a paddy field in Taihu Lake region. (in Chinese with English abstract). Journal of Anhui Agricultural University. 36(4): 677-682
236	31.70	120.80	wheat	1.52	5.23	24.60	1.64	20.82	12.53	430.92	703.50	300.00	12.63	Huang J. et al. (2009). Nitrogen use efficiency and ammonia volatilization from urea applied to wheat on a paddy field in Taihu Lake region. (in Chinese with English abstract). Journal of Anhui Agricultural University. 36(4): 677-682
237	31.70	120.80	wheat	1.52	5.23	24.60	1.64	20.82	12.53	430.92	703.50	350.00	10.75	Huang J. et al. (2009). Nitrogen use efficiency and ammonia volatilization from urea applied to wheat on a paddy field in Taihu Lake region. (in Chinese with English abstract). Journal of Anhui Agricultural University. 36(4): 677-682
238	30.50	114.30	wheat	1.42	6.30	20.69	0.86	24.00	12.71	586.11	645.54	0.00	4.83	Xia W. et al. (2010). Effect of optimized nitrogen application on ammonia volatilization from paddy field under wheat-rice rotation system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 16(1): 6-13
239	30.50	114.30	wheat	1.42	6.30	20.69	0.86	24.00	12.71	586.11	645.54	225.00	17.05	Xia W. et al. (2010). Effect of optimized nitrogen application on ammonia volatilization from paddy field under wheat-rice rotation system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 16(1): 6-13
240	30.50	114.30	wheat	1.42	6.30	20.69	0.86	24.00	12.71	586.11	645.54	157.50	13.03	Xia W. et al. (2010). Effect of optimized nitrogen application on ammonia volatilization from paddy field under wheat-rice rotation system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 16(1): 6-13
241	30.50	114.30	wheat	1.42	6.30	20.69	0.86	24.00	12.71	586.11	645.54	157.50	12.32	Xia W. et al. (2010). Effect of optimized nitrogen application on ammonia volatilization from paddy field under wheat-rice rotation system. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 16(1): 6-13
242	39.50	115.41	wheat	1.41	8.30	15.90	0.09	19.76	5.34	353.76	707.28	0.00	3.08	Shan N. et al. (2014). Ammonia Volatilization from Wheat Soil Under Different Nitrogen Rates. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(9): 1858-1865
243	39.50	115.41	wheat	1.41	8.30	15.90	0.09	19.76	5.34	353.76	707.28	50.00	4.40	Shan N. et al. (2014). Ammonia Volatilization from Wheat Soil Under Different Nitrogen Rates. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(9): 1858-1865
244	39.50	115.41	wheat	1.41	8.30	15.90	0.09	19.76	5.34	353.76	707.28	100.00	5.91	Shan N. et al. (2014). Ammonia Volatilization from Wheat Soil Under Different Nitrogen Rates. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(9): 1858-1865
245	39.50	115.41	wheat	1.41	8.30	15.90	0.09	19.76	5.34	353.76	707.28	150.00	9.43	Shan N. et al. (2014). Ammonia Volatilization from Wheat Soil Under Different Nitrogen Rates. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(9): 1858-1865
246	39.50	115.41	wheat	1.41	8.30	15.90	0.09	19.76	5.34	353.76	707.28	200.00	11.00	Shan N. et al. (2014). Ammonia Volatilization from Wheat Soil Under Different Nitrogen Rates. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(9): 1858-1865
247	39.50	115.41	wheat	1.41	8.30	15.90	0.09	19.76	5.34	353.76	707.28	250.00	12.45	Shan N. et al. (2014). Ammonia Volatilization from Wheat Soil Under Different Nitrogen Rates. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(9): 1858-1865
248	39.50	115.41	wheat	1.41	8.30	15.90	0.09	19.76	5.34	353.76	707.28	300.00	14.84	Shan N. et al. (2014). Ammonia Volatilization from Wheat Soil Under Different Nitrogen Rates. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(9): 1858-1865
249	39.50	115.41	wheat	1.41	8.30	15.90	0.09	19.76	5.34	353.76	707.28	400.00	21.26	Shan N. et al. (2014). Ammonia Volatilization from Wheat Soil Under Different Nitrogen Rates. (in Chinese with English abstract). Journal of Agro-Environment Science. 33(9): 1858-1865
250	36.00	117.00	wheat	1.51	8.60	13.50	0.89	21.24	9.75	188.16	1050.00	0.00	0.30	Zhai X. et al. (2013). Ammonia volatilization loss in Huang Huai winter wheat cultivation areas under irrigated and rainfed conditions. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 19(1): 54-64
251	36.00	117.00	wheat	1.51	8.60	13.50	0.89	21.24	9.75	188.16	1050.00	225.00	0.76	Zhai X. et al. (2013). Ammonia volatilization loss in Huang Huai winter wheat cultivation areas under irrigated and rainfed conditions. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 19(1): 54-64
252	36.00	117.00	wheat	1.51	8.60	13.50	0.89	21.24	9.75	188.16	1050.00	0.00	0.46	Zhai X. et al. (2013). Ammonia volatilization loss in Huang Huai winter wheat cultivation areas under irrigated and rainfed conditions. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 19(1): 54-64
253	36.00	117.00	wheat	1.51	8.60	13.50	0.89	21.24	9.75	188.16	1050.00	225.00	28.41	Zhai X. et al. (2013). Ammonia volatilization loss in Huang Huai winter wheat cultivation areas under irrigated and rainfed conditions. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 19(1): 54-64
254	36.00	117.00	wheat	1.51	8.60	13.50	0.89	21.24	9.75	188.16	1050.00	0.00	0.54	Zhai X. et al. (2013). Ammonia volatilization loss in Huang Huai winter wheat cultivation areas under irrigated and rainfed conditions. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 19(1): 54-64
255	36.00	117.00	wheat	1.51	8.60	13.50	0.89	21.24	9.75	188.16	1050.00	225.00	0.99	Zhai X. et al. (2013). Ammonia volatilization loss in Huang Huai winter wheat cultivation areas under irrigated and rainfed conditions. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 19(1): 54-64
256	36.15	117.15	wheat	1.51	7.33	11.34	0.76	21.24	9.83	214.32	937.20	0.00	13.28	Zheng F. et al. (2017). Effects of combined application of manure and chemical fertilizers on ammonia volatilization loss and yield of winter wheat. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 567–577

257	36.15	117.15	wheat	1.51	7.28	11.75	1.05	21.24	9.83	214.32	937.20	180.00	52.84	Zheng F. et al. (2017). Effects of combined application of manure and chemical fertilizers on ammonia volatilization loss and yield of winter wheat. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 567–577
258	36.15	117.15	wheat	1.51	7.30	10.93	0.72	21.24	9.83	214.32	937.20	0.00	6.13	Zheng F. et al. (2017). Effects of combined application of manure and chemical fertilizers on ammonia volatilization loss and yield of winter wheat. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 567–577
259	36.15	117.15	wheat	1.51	7.23	11.41	0.97	21.24	9.83	214.32	937.20	180.00	44.02	Zheng F. et al. (2017). Effects of combined application of manure and chemical fertilizers on ammonia volatilization loss and yield of winter wheat. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 567–577
260	36.15	117.15	wheat	1.51	7.26	10.35	0.68	21.24	9.83	214.32	937.20	0.00	4.33	Zheng F. et al. (2017). Effects of combined application of manure and chemical fertilizers on ammonia volatilization loss and yield of winter wheat. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 567–577
261	36.15	117.15	wheat	1.51	7.15	11.02	0.94	21.24	9.83	214.32	937.20	180.00	33.14	Zheng F. et al. (2017). Effects of combined application of manure and chemical fertilizers on ammonia volatilization loss and yield of winter wheat. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 567–577
262	36.15	117.15	wheat	1.51	7.24	10.06	0.63	21.24	9.83	214.32	937.20	0.00	5.31	Zheng F. et al. (2017). Effects of combined application of manure and chemical fertilizers on ammonia volatilization loss and yield of winter wheat. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 567–577
263	36.15	117.15	wheat	1.51	7.10	10.46	0.92	21.24	9.83	214.32	937.20	180.00	39.59	Zheng F. et al. (2017). Effects of combined application of manure and chemical fertilizers on ammonia volatilization loss and yield of winter wheat. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 567–577
264	31.53	120.68	wheat	1.52	7.35	35.00	2.01	20.82	11.87	504.21	858.48	0.00	2.14	Zhang B. et al. (2017). Effects of chlorine-containing nitrogen fertilizer on ammonia volatilization and yields under rice–wheat rotation system in Taihu Lake region. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 557–566
265	31.53	120.68	wheat	1.52	7.35	35.00	2.01	20.82	11.87	504.21	858.48	168.00	4.68	Zhang B. et al. (2017). Effects of chlorine-containing nitrogen fertilizer on ammonia volatilization and yields under rice–wheat rotation system in Taihu Lake region. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 557–566
266	31.53	120.68	wheat	1.52	7.35	35.00	2.01	20.82	11.87	504.21	858.48	168.00	4.29	Zhang B. et al. (2017). Effects of chlorine-containing nitrogen fertilizer on ammonia volatilization and yields under rice–wheat rotation system in Taihu Lake region. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 557–566
267	31.53	120.68	wheat	1.52	7.35	35.00	2.01	20.82	11.87	504.21	858.48	0.00	1.03	Zhang B. et al. (2017). Effects of chlorine-containing nitrogen fertilizer on ammonia volatilization and yields under rice–wheat rotation system in Taihu Lake region. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 557–566
268	31.53	120.68	wheat	1.52	7.35	35.00	2.01	20.82	11.87	504.21	858.48	168.00	5.88	Zhang B. et al. (2017). Effects of chlorine-containing nitrogen fertilizer on ammonia volatilization and yields under rice–wheat rotation system in Taihu Lake region. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 557–566
269	31.53	120.68	wheat	1.52	7.35	35.00	2.01	20.82	11.87	504.21	858.48	168.00	3.49	Zhang B. et al. (2017). Effects of chlorine-containing nitrogen fertilizer on ammonia volatilization and yields under rice–wheat rotation system in Taihu Lake region. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(3): 557–566
270	36.20	117.20	wheat	1.51	7.43	7.31	0.46	24.10	10.93	275.28	970.80	0.00	2.34	Guo X. et al. (2016). Effects of Controlled- Release Fertilizer Dosage and Depth on Wheat Yield and Nitrogen Utilization Efficiency in Reclamation Land. (in Chinese with English abstract). Chinese Journal of Soil Science. 47(4): 928- 934
271	36.20	117.20	wheat	1.51	7.43	7.31	0.46	24.10	10.93	275.28	970.80	330.00	15.73	Guo X. et al. (2016). Effects of Controlled- Release Fertilizer Dosage and Depth on Wheat Yield and Nitrogen Utilization Efficiency in Reclamation Land. (in Chinese with English abstract). Chinese Journal of Soil Science. 47(4): 928- 934
272	36.20	117.20	wheat	1.51	7.43	7.31	0.46	24.10	10.93	275.28	970.80	165.00	13.97	Guo X. et al. (2016). Effects of Controlled- Release Fertilizer Dosage and Depth on Wheat Yield and Nitrogen Utilization Efficiency in Reclamation Land. (in Chinese with English abstract). Chinese Journal of Soil Science. 47(4): 928- 934
273	36.20	117.20	wheat	1.51	7.43	7.31	0.46	24.10	10.93	275.28	970.80	330.00	11.43	Guo X. et al. (2016). Effects of Controlled- Release Fertilizer Dosage and Depth on Wheat Yield and Nitrogen Utilization Efficiency in Reclamation Land. (in Chinese with English abstract). Chinese Journal of Soil Science. 47(4): 928- 934
274	36.20	117.20	wheat	1.51	7.43	7.31	0.46	24.10	10.93	275.28	970.80	165.00	9.54	Guo X. et al. (2016). Effects of Controlled- Release Fertilizer Dosage and Depth on Wheat Yield and Nitrogen Utilization Efficiency in Reclamation Land. (in Chinese with English abstract). Chinese Journal of Soil Science. 47(4): 928- 934
275	31.55	120.70	wheat	1.48	7.35	35.00	2.01	20.82	11.67	513.45	858.48	0.00	1.43	Zhang W. et al. (2016). Study on effect of thiourea amine on crop yield and ammonia volatilization in a rice-wheat rotation system. (in Chinese with English abstract). Master dissertation of Sichuan Agricultural University (Sichuan, China)
276	31.55	120.70	wheat	1.48	7.35	35.00	2.01	20.82	11.67	513.45	858.48	168.00	5.72	Zhang W. et al. (2016). Study on effect of thiourea amine on crop yield and ammonia volatilization in a rice-wheat rotation system. (in Chinese with English abstract). Master dissertation of Sichuan Agricultural University (Sichuan, China)
277	31.55	120.70	wheat	1.48	7.35	35.00	2.01	20.82	11.67	513.45	858.48	168.00	2.27	Zhang W. et al. (2016). Study on effect of thiourea amine on crop yield and ammonia volatilization in a rice-wheat rotation system. (in Chinese with English abstract). Master dissertation of Sichuan Agricultural University (Sichuan, China)
278	31.62	120.47	wheat	1.52	6.80	28.59	0.85	17.75	10.86	214.20	884.31	0.00	5.67	Wang H. et al. (2016). Suppression of Ammonia Volatilization from Rice–Wheat Rotation Fields Amended with Controlled-Release Urea and Urea. Agronomy Journal. 108(3): 1214-1224
279	31.62	120.47	wheat	1.52	6.80	28.59	0.85	17.75	10.86	214.20	884.31	255.00	47.84	Wang H. et al. (2016). Suppression of Ammonia Volatilization from Rice–Wheat Rotation Fields Amended with Controlled-Release Urea and Urea. Agronomy Journal. 108(3): 1214-1224
280	31.62	120.47	wheat	1.52	6.80	28.59	0.85	17.75	10.86	214.20	884.31	0.00	4.39	Wang H. et al. (2016). Suppression of Ammonia Volatilization from Rice–Wheat Rotation Fields Amended with Controlled-Release Urea and Urea. Agronomy Journal. 108(3): 1214-1224
281	31.62	120.47	wheat	1.52	6.80	28.59	0.85	17.75	10.86	214.20	884.31	255.00	25.58	Wang H. et al. (2016). Suppression of Ammonia Volatilization from Rice–Wheat Rotation Fields Amended with Controlled-Release Urea and Urea. Agronomy Journal. 108(3): 1214-1224
282	31.80	118.83	wheat	1.40	6.40	18.57	1.40	23.22	11.51	612.15	773.01	0.00	4.20	Dong Y. et al. (2017). Effects of biochar reapplication on ammonia volatilization and nitrogen use efficiency during wheat season in a rice-wheat annual rotation system. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(5): 1258-1267
283	31.80	118.83	wheat	1.40	6.40	18.57	1.40	23.22	11.51	612.15	773.01	250.00	23.40	Dong Y. et al. (2017). Effects of biochar reapplication on ammonia volatilization and nitrogen use efficiency during wheat season in a rice-wheat annual rotation system. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 23(5): 1258-1267
284	34.29	108.07	wheat	1.35	8.50	13.02	0.92	17.00	10.20	216.30	793.35	0.00	3.77	Jing J. (2017). Ammonia Volatilization of Winter Wheat Canopy under Different Nitrogen Rates.(in Chinese with English abstract). Master dissertation of Northwest A&F University (Shanxi, China)
285	34.29	108.07	wheat	1.35	8.50	13.02	0.92	17.00	10.20	216.30	793.35	90.00	7.67	Jing J. (2017). Ammonia Volatilization of Winter Wheat Canopy under Different Nitrogen Rates.(in Chinese with English abstract). Master dissertation of Northwest A&F University (Shanxi, China)
286	34.29	108.07	wheat	1.35	8.50	13.02	0.92	17.00	10.20	216.30	793.35	180.00	8.70	Jing J. (2017). Ammonia Volatilization of Winter Wheat Canopy under Different Nitrogen Rates.(in Chinese with English abstract). Master dissertation of Northwest A&F University (Shanxi, China)
287	36.93	117.83	wheat	1.51	7.71	17.40	0.80	13.50	9.80	231.60	978.48	0.00	12.26	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen losses under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). Master of dissertation of China Agricultural University (Beijing, China)
288	36.93	117.83	wheat	1.51	7.71	17.40	0.80	13.50	9.80	231.60	978.48	250.00	16.55	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen losses under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). Master of dissertation of China Agricultural University (Beijing, China)
289	36.15	117.15	wheat	1.51	8.60	10.06	0.63	21.24	11.15	252.72	970.80	0.00	5.20	Zheng F.(2017).Effects of long-term application of chemical fertilizer and organic manure on nitrogen flow and water use efficiency in winter wheat field. (in Chinese with English abstract). Master dissertation of Shandong Agricultral University (Taian, China)
290	36.15	117.15	wheat	1.51	8.60	10.46	0.92	21.24	11.15	252.72	970.80	180.00	35.57	Zheng F.(2017).Effects of long-term application of chemical fertilizer and organic manure on nitrogen flow and water use efficiency in winter wheat field. (in Chinese with English abstract). Master dissertation of Shandong Agricultral University (Taian, China)
291	36.15	117.15	wheat	1.51	8.60	9.98	0.59	21.24	11.15	252.72	970.80	0.00	6.09	Zheng F.(2017).Effects of long-term application of chemical fertilizer and organic manure on nitrogen flow and water use efficiency in winter wheat field. (in Chinese with English abstract). Master dissertation of Shandong Agricultral University (Taian, China)
292	36.15	117.15	wheat	1.51	8.60	10.24	0.89	21.24	11.15	252.72	970.80	180.00	27.66	Zheng F.(2017).Effects of long-term application of chemical fertilizer and organic manure on nitrogen flow and water use efficiency in winter wheat field. (in Chinese with English abstract). Master dissertation of Shandong Agricultral University (Taian, China)
293	31.66	118.72	wheat	1.40	6.10	18.57	2.11	23.22	11.39	589.68	773.01	0.00	8.89	Jiang J.et al.(2018).Assessment of reactive nitrogen mitigation potential of different nitrogen treatments under direct-seeded rice and wheat cropping system.Environmental Science and Pollution Research.25(20): 20241-20254
294	31.66	118.72	wheat	1.40	6.10	18.57	2.11	23.22	11.39	589.68	773.01	200.00	37.35	Jiang J.et al.(2018).Assessment of reactive nitrogen mitigation potential of different nitrogen treatments under direct-seeded rice and wheat cropping system.Environmental Science and Pollution Research.25(20): 20241-20254
295	31.66	118.72	wheat	1.40	6.10	18.57	2.11	23.22	11.39	589.68	773.01	200.00	35.06	Jiang J.et al.(2018).Assessment of reactive nitrogen mitigation potential of different nitrogen treatments under direct-seeded rice and wheat cropping system.Environmental Science and Pollution Research.25(20): 20241-20254
296	31.66	118.72	wheat	1.40	6.10	18.57	2.11	23.22	11.39	589.68	773.01	200.00	27.59	Jiang J.et al.(2018).Assessment of reactive nitrogen mitigation potential of different nitrogen treatments under direct-seeded rice and wheat cropping system.Environmental Science and Pollution Research.25(20): 20241-20254
297	36.10	117.20	wheat	1.51	7.89	8.33	0.30	21.24	10.74	255.12	1146.96	0.00	7.98	Lu Y.et al.(2011).Effects of different coated controlled-release urea on soil ammonia volatilization in farmland.(in Chinese with English abstract).Chinese Journal of Acta Ecologica Sinica.31(23):7133-7140
298	36.10	117.20	wheat	1.51	7.89	10.10	0.30	21.24	10.74	255.12	1146.96	210.00	32.37	Lu Y.et al.(2011).Effects of different coated controlled-release urea on soil ammonia volatilization in farmland.(in Chinese with English abstract).Chinese Journal of Acta Ecologica Sinica.31(23):7133-7140
299	36.10	117.20	wheat	1.51	8.51	10.10	0.30	21.24	10.74	255.12	1146.96	300.00	45.41	Lu Y.et al.(2011).Effects of different coated controlled-release urea on soil ammonia volatilization in farmland.(in Chinese with English abstract).Chinese Journal of Acta Ecologica Sinica.31(23):7133-7140
300	38.13	115.07	maize	1.51	7.80	19.30	1.00	14.90	24.60	359.80	695.00	0.00	6.04	Li X. (2007). Fate of Fertilizer Nitrogen and Gaseous N Loss in Winter Wheat-Summer Maize Rotation System in North China Plain. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
301	38.13	115.07	maize	1.51	7.80	19.30	1.00	14.90	24.60	359.80	695.00	60.00	9.03	Li X. (2007). Fate of Fertilizer Nitrogen and Gaseous N Loss in Winter Wheat-Summer Maize Rotation System in North China Plain. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
302	38.13	115.07	maize	1.51	7.80	19.30	1.00	14.90	24.60	359.80	695.00	120.00	12.12	Li X. (2007). Fate of Fertilizer Nitrogen and Gaseous N Loss in Winter Wheat-Summer Maize Rotation System in North China Plain. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
303	38.13	115.07	maize	1.51	7.80	19.30	1.00	14.90	24.60	359.80	695.00	180.00	13.73	Li X. (2007). Fate of Fertilizer Nitrogen and Gaseous N Loss in Winter Wheat-Summer Maize Rotation System in North China Plain. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
304	38.13	115.07	maize	1.51	7.80	19.30	1.00	14.90	24.60	359.80	695.00	240.00	18.93	Li X. (2007). Fate of Fertilizer Nitrogen and Gaseous N Loss in Winter Wheat-Summer Maize Rotation System in North China Plain. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
305	28.10	113.00	maize	1.40	5.75	14.57	3.51	31.71	23.60	1150.00	475.00	0.00	10.48	Xie Y. et al. (2016). Effects of reduced CRNF applications on N2O emissions and ammonia volatilization in spring maize soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(3): 596-603.
306	28.10	113.00	maize	1.40	5.75	14.57	3.51	31.71	23.60	1150.00	475.00	240.00	31.05	Xie Y. et al. (2016). Effects of reduced CRNF applications on N2O emissions and ammonia volatilization in spring maize soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 35(3): 596-603.
307	39.60	116.00	maize	1.38	8.30	15.90	0.09	19.76	23.93	554.07	850.12	0.00	4.75	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
308	39.60	116.00	maize	1.38	8.30	15.90	0.09	19.76	23.93	554.07	850.12	50.00	9.55	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
309	39.60	116.00	maize	1.38	8.30	15.90	0.09	19.76	23.93	554.07	850.12	100.00	12.83	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
310	39.60	116.00	maize	1.38	8.30	15.90	0.09	19.76	23.93	554.07	850.12	150.00	15.21	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
311	39.60	116.00	maize	1.38	8.30	15.90	0.09	19.76	23.93	554.07	850.12	200.00	17.04	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
312	39.60	116.00	maize	1.38	8.30	15.90	0.09	19.76	23.93	554.07	850.12	250.00	19.26	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
313	39.60	116.00	maize	1.38	8.30	15.90	0.09	19.76	23.93	554.07	850.12	300.00	30.38	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
314	39.60	116.00	maize	1.38	8.30	15.90	0.09	19.76	23.93	554.07	850.12	400.00	37.12	Shan N. (2014). Nitrogen Utilization and Loss in Winter Wheat-Summer Maize Rotation System of Beijing Suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
315	41.80	123.50	maize	1.48	7.60	18.82	0.98	22.06	20.70	569.00	990.00	0.00	0.86	Cheng X. (2016). The Effects of Biochar on Nitrogen Utilization and Maize Growth on Brown Soil. (in Chinese with English abstract). Master dissertation of Shenyang Agricultural University (Shenyang, China)
316	41.80	123.50	maize	1.48	7.60	18.82	0.98	22.06	20.70	569.00	990.00	160.00	4.38	Cheng X. (2016). The Effects of Biochar on Nitrogen Utilization and Maize Growth on Brown Soil. (in Chinese with English abstract). Master dissertation of Shenyang Agricultural University (Shenyang, China)
317	36.98	118.00	maize	1.51	8.00	13.90	1.52	11.40	25.00	413.00	829.00	0.00	2.00	Lin L. et al. (2011). Evaluation of Nitrogen Loss Way in Summer Maize System Under Different Fertilizer N Managements. (in Chinese with English abstract). Environmental Science. 32(09):2617-2624
318	36.98	118.00	maize	1.51	8.00	13.90	1.52	11.40	25.00	413.00	829.00	330.00	111.20	Lin L. et al. (2011). Evaluation of Nitrogen Loss Way in Summer Maize System Under Different Fertilizer N Managements. (in Chinese with English abstract). Environmental Science. 32(09):2617-2624
319	36.98	118.00	maize	1.51	8.00	13.90	1.52	11.40	25.00	413.00	829.00	240.00	55.90	Lin L. et al. (2011). Evaluation of Nitrogen Loss Way in Summer Maize System Under Different Fertilizer N Managements. (in Chinese with English abstract). Environmental Science. 32(09):2617-2624
320	36.10	117.20	maize	1.51	8.51	10.10	0.36	21.24	25.00	424.00	789.00	0.00	1.58	Lu Y. et al. (2011). Effects of different coated controlled-release urea on soil ammonia volatilization in farmland. (in Chinese with English abstract). Acta Ecologica Sinica. 31(23): 7133-7140
321	36.10	117.20	maize	1.51	8.51	10.10	0.36	21.24	25.00	424.00	789.00	210.00	14.37	Lu Y. et al. (2011). Effects of different coated controlled-release urea on soil ammonia volatilization in farmland. (in Chinese with English abstract). Acta Ecologica Sinica. 31(23): 7133-7140
322	36.10	117.20	maize	1.51	8.51	10.10	0.36	21.24	25.00	424.00	789.00	300.00	20.05	Lu Y. et al. (2011). Effects of different coated controlled-release urea on soil ammonia volatilization in farmland. (in Chinese with English abstract). Acta Ecologica Sinica. 31(23): 7133-7140
323	36.20	117.20	maize	1.51	6.10	19.70	1.11	21.24	25.50	306.00	807.00	0.00	1.45	Zhao B. et al. (2009). Effects of controlled-release fertilizers on summer maize grain, yield ammonia volatilization, and fertilizer nitrogen use efficiency. (in Chinese witn English abstract). Chinese Journal of Applied Ecology. 20(11): 2678-2684
324	36.20	117.20	maize	1.51	6.10	19.70	1.11	21.24	25.50	306.00	807.00	302.40	10.56	Zhao B. et al. (2009). Effects of controlled-release fertilizers on summer maize grain, yield ammonia volatilization, and fertilizer nitrogen use efficiency. (in Chinese witn English abstract). Chinese Journal of Applied Ecology. 20(11): 2678-2684
325	43.30	124.30	maize	1.51	7.88	17.60	1.18	22.52	20.80	628.00	961.00	0.00	31.67	Li Y. et al. (2015). Ammonia volatilization characteristics of different kinds of high-nitrogen compound fertilizers and their effects on nitrogen balance. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 21(3): 615-623
326	43.30	124.30	maize	1.51	7.88	17.60	1.18	22.52	20.80	628.00	961.00	224.00	50.89	Li Y. et al. (2015). Ammonia volatilization characteristics of different kinds of high-nitrogen compound fertilizers and their effects on nitrogen balance. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 21(3): 615-623
327	43.30	124.30	maize	1.51	7.88	17.60	1.18	22.52	20.80	628.00	961.00	224.00	55.16	Li Y. et al. (2015). Ammonia volatilization characteristics of different kinds of high-nitrogen compound fertilizers and their effects on nitrogen balance. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 21(3): 615-623
328	43.30	124.30	maize	1.51	7.88	17.60	1.18	22.52	20.80	628.00	961.00	224.00	46.80	Li Y. et al. (2015). Ammonia volatilization characteristics of different kinds of high-nitrogen compound fertilizers and their effects on nitrogen balance. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 21(3): 615-623
329	43.20	124.20	maize	1.48	5.74	18.90	1.27	22.52	20.20	494.00	961.00	0.00	19.92	Han W. (2015). Study on the application effectiveness and environmental effect of new-type fertilizer in the black soil. (in Chinese with English abstract). Master dissertation of Jilin Agricultural University (Changchun, China)
330	43.20	124.20	maize	1.48	5.74	18.90	1.27	22.52	20.20	494.00	961.00	225.00	40.94	Han W. (2015). Study on the application effectiveness and environmental effect of new-type fertilizer in the black soil. (in Chinese with English abstract). Master dissertation of Jilin Agricultural University (Changchun, China)
331	39.57	116.58	maize	1.38	8.40	4.16	0.34	16.27	24.50	444.00	708.00	0.00	2.87	Xiong J. (2013). Study on the Fate of of Nitrogen in February Orchid/Spring Maize Rotation System in North China. (in Chinese with English abstract). Master dissertation of Hunan Agricultural University (Changsha, China)
332	39.57	116.58	maize	1.38	8.40	4.16	0.34	16.27	24.50	444.00	708.00	157.50	28.50	Xiong J. (2013). Study on the Fate of of Nitrogen in February Orchid/Spring Maize Rotation System in North China. (in Chinese with English abstract). Master dissertation of Hunan Agricultural University (Changsha, China)
333	39.57	116.58	maize	1.38	8.40	4.16	0.34	16.27	24.50	444.00	708.00	192.25	41.04	Xiong J. (2013). Study on the Fate of of Nitrogen in February Orchid/Spring Maize Rotation System in North China. (in Chinese with English abstract). Master dissertation of Hunan Agricultural University (Changsha, China)
334	39.57	116.58	maize	1.38	8.40	4.16	0.34	16.27	24.50	444.00	708.00	225.00	48.32	Xiong J. (2013). Study on the Fate of of Nitrogen in February Orchid/Spring Maize Rotation System in North China. (in Chinese with English abstract). Master dissertation of Hunan Agricultural University (Changsha, China)
335	41.03	116.68	maize	1.48	7.90	16.36	1.20	19.25	25.30	624.00	555.00	0.00	25.60	Zhang X. et al. (2015). In Situ Nitrogen Mineralization, Nitrification, and Ammonia Volatilization in Maize Field Fertilized with Urea in Huanghuaihai Region of Northern China. PLoS ONE. 10(1): e0115649
336	41.03	116.68	maize	1.48	7.90	16.36	1.20	19.25	25.30	624.00	555.00	79.00	28.00	Zhang X. et al. (2015). In Situ Nitrogen Mineralization, Nitrification, and Ammonia Volatilization in Maize Field Fertilized with Urea in Huanghuaihai Region of Northern China. PLoS ONE. 10(1): e0115649
337	41.03	116.68	maize	1.48	7.90	16.36	1.20	19.25	25.30	624.00	555.00	147.00	29.20	Zhang X. et al. (2015). In Situ Nitrogen Mineralization, Nitrification, and Ammonia Volatilization in Maize Field Fertilized with Urea in Huanghuaihai Region of Northern China. PLoS ONE. 10(1): e0115649
338	41.03	116.68	maize	1.48	7.90	16.36	1.20	19.25	25.30	624.00	555.00	215.00	35.90	Zhang X. et al. (2015). In Situ Nitrogen Mineralization, Nitrification, and Ammonia Volatilization in Maize Field Fertilized with Urea in Huanghuaihai Region of Northern China. PLoS ONE. 10(1): e0115649
339	41.03	116.68	maize	1.48	7.90	16.36	1.20	19.25	25.30	624.00	555.00	375.00	45.60	Zhang X. et al. (2015). In Situ Nitrogen Mineralization, Nitrification, and Ammonia Volatilization in Maize Field Fertilized with Urea in Huanghuaihai Region of Northern China. PLoS ONE. 10(1): e0115649
340	34.28	108.07	maize	1.35	7.90	13.20	1.30	17.00	22.50	462.00	556.00	0.00	6.30	Han K. et al. (2014). Management of Furrow Irrigation and Nitrogen Application on Summer Maize. Agronomy Journal. 106(4): 1402-1410
341	34.28	108.07	maize	1.35	7.90	13.20	1.30	17.00	22.50	462.00	556.00	100.00	13.00	Han K. et al. (2014). Management of Furrow Irrigation and Nitrogen Application on Summer Maize. Agronomy Journal. 106(4): 1402-1410
342	34.28	108.07	maize	1.35	7.90	13.20	1.30	17.00	22.50	462.00	556.00	230.00	19.80	Han K. et al. (2014). Management of Furrow Irrigation and Nitrogen Application on Summer Maize. Agronomy Journal. 106(4): 1402-1410
343	34.28	108.07	maize	1.35	7.90	13.20	1.30	17.00	22.50	462.00	556.00	300.00	34.30	Han K. et al. (2014). Management of Furrow Irrigation and Nitrogen Application on Summer Maize. Agronomy Journal. 106(4): 1402-1410

344	34.28	108.07	maize	1.35	7.90	13.20	1.30	17.00	22.50	462.00	556.00	100.00	17.80	Han K. et al. (2014). Management of Furrow Irrigation and Nitrogen Application on Summer Maize. Agronomy Journal. 106(4): 1402-1410
345	34.28	108.07	maize	1.35	7.90	13.20	1.30	17.00	22.50	462.00	556.00	230.00	21.80	Han K. et al. (2014). Management of Furrow Irrigation and Nitrogen Application on Summer Maize. Agronomy Journal. 106(4): 1402-1410
346	34.28	108.07	maize	1.35	7.90	13.20	1.30	17.00	22.50	462.00	556.00	300.00	29.50	Han K. et al. (2014). Management of Furrow Irrigation and Nitrogen Application on Summer Maize. Agronomy Journal. 106(4): 1402-1410
347	35.43	117.82	maize	1.52	7.70	11.30	0.74	21.24	24.60	528.00	840.00	0.00	7.35	Wu G. (2012). Effects of nitrogen fertilizer management in wheat growth season on nitrogen utilization and residual effect in winter wheat and summer maize cropping system. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University (Tai'an, China)
348	35.43	117.82	maize	1.52	7.70	11.30	0.74	21.24	24.60	528.00	840.00	168.75	7.89	Wu G. (2012). Effects of nitrogen fertilizer management in wheat growth season on nitrogen utilization and residual effect in winter wheat and summer maize cropping system. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University (Tai'an, China)
349	35.43	117.82	maize	1.52	7.70	11.30	0.74	21.24	24.60	528.00	840.00	225.00	8.30	Wu G. (2012). Effects of nitrogen fertilizer management in wheat growth season on nitrogen utilization and residual effect in winter wheat and summer maize cropping system. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University (Tai'an, China)
350	35.43	117.82	maize	1.52	7.70	11.30	0.74	21.24	24.60	528.00	840.00	281.25	8.81	Wu G. (2012). Effects of nitrogen fertilizer management in wheat growth season on nitrogen utilization and residual effect in winter wheat and summer maize cropping system. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University (Tai'an, China)
351	35.43	117.82	maize	1.52	7.70	11.30	0.74	21.24	24.60	528.00	840.00	337.50	9.55	Wu G. (2012). Effects of nitrogen fertilizer management in wheat growth season on nitrogen utilization and residual effect in winter wheat and summer maize cropping system. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University (Tai'an, China)
352	43.80	125.40	maize	1.48	6.63	29.57	1.68	21.72	19.70	485.00	937.00	0.00	8.53	Yan L. et al. (2016). Effect of different fertilization management on nitrogen loss in black soils in Northeast China. (in Chinese with English abstract). Journal of AgroEnvironment Science. 35(9): 1816-1823.
353	43.80	125.40	maize	1.48	6.63	29.57	1.68	21.72	19.70	485.00	937.00	240.00	26.63	Yan L. et al. (2016). Effect of different fertilization management on nitrogen loss in black soils in Northeast China. (in Chinese with English abstract). Journal of AgroEnvironment Science. 35(9): 1816-1823.
354	40.30	107.00	maize	1.39	8.20	11.60	0.76	13.09	20.40	96.00	824.00	0.00	3.76	Li Z. et al. (2017). Ammonia volatilization in soil and grain yield of the spring maize under different water-nitrogen management regimes. (in Chinese with English abstract). Journal of Agro-Environment Science. 36(4): 799-807.
355	40.30	107.00	maize	1.39	8.20	11.60	0.76	13.09	20.40	96.00	824.00	80.00	14.71	Li Z. et al. (2017). Ammonia volatilization in soil and grain yield of the spring maize under different water-nitrogen management regimes. (in Chinese with English abstract). Journal of Agro-Environment Science. 36(4): 799-807.
356	40.30	107.00	maize	1.39	8.20	11.60	0.76	13.09	20.40	96.00	824.00	160.00	18.13	Li Z. et al. (2017). Ammonia volatilization in soil and grain yield of the spring maize under different water-nitrogen management regimes. (in Chinese with English abstract). Journal of Agro-Environment Science. 36(4): 799-807.
357	40.30	107.00	maize	1.39	8.20	11.60	0.76	13.09	20.40	96.00	824.00	240.00	22.26	Li Z. et al. (2017). Ammonia volatilization in soil and grain yield of the spring maize under different water-nitrogen management regimes. (in Chinese with English abstract). Journal of Agro-Environment Science. 36(4): 799-807.
358	40.30	107.00	maize	1.39	8.20	11.60	0.76	13.09	20.40	96.00	824.00	320.00	29.40	Li Z. et al. (2017). Ammonia volatilization in soil and grain yield of the spring maize under different water-nitrogen management regimes. (in Chinese with English abstract). Journal of Agro-Environment Science. 36(4): 799-807.
359	40.30	107.00	maize	1.39	8.20	11.60	0.76	13.09	20.40	96.00	824.00	0.00	3.58	Li Z. et al. (2017). Ammonia volatilization in soil and grain yield of the spring maize under different water-nitrogen management regimes. (in Chinese with English abstract). Journal of Agro-Environment Science. 36(4): 799-807.
360	40.30	107.00	maize	1.39	8.20	11.60	0.76	13.09	20.40	96.00	824.00	80.00	16.43	Li Z. et al. (2017). Ammonia volatilization in soil and grain yield of the spring maize under different water-nitrogen management regimes. (in Chinese with English abstract). Journal of Agro-Environment Science. 36(4): 799-807.
361	40.30	107.00	maize	1.39	8.20	11.60	0.76	13.09	20.40	96.00	824.00	160.00	20.45	Li Z. et al. (2017). Ammonia volatilization in soil and grain yield of the spring maize under different water-nitrogen management regimes. (in Chinese with English abstract). Journal of Agro-Environment Science. 36(4): 799-807.
362	40.30	107.00	maize	1.39	8.20	11.60	0.76	13.09	20.40	96.00	824.00	240.00	24.15	Li Z. et al. (2017). Ammonia volatilization in soil and grain yield of the spring maize under different water-nitrogen management regimes. (in Chinese with English abstract). Journal of Agro-Environment Science. 36(4): 799-807.
363	40.30	107.00	maize	1.39	8.20	11.60	0.76	13.09	20.40	96.00	824.00	320.00	32.21	Li Z. et al. (2017). Ammonia volatilization in soil and grain yield of the spring maize under different water-nitrogen management regimes. (in Chinese with English abstract). Journal of Agro-Environment Science. 36(4): 799-807.
364	36.58	116.58	maize	1.37	8.20	7.40	0.23	16.27	25.10	379.00	822.00	0.00	3.80	Zhou L. et al. (2016). Comparison of several slow-released nitrogen fertilizers in ammonia volatilization and nitrogen utilization in summer maize field. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 22(6): 1449–1457
365	36.58	116.58	maize	1.37	8.20	7.40	0.23	16.27	25.10	379.00	822.00	180.00	14.90	Zhou L. et al. (2016). Comparison of several slow-released nitrogen fertilizers in ammonia volatilization and nitrogen utilization in summer maize field. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 22(6): 1449–1457
366	36.58	116.58	maize	1.37	8.20	7.40	0.23	16.27	24.90	410.00	822.00	0.00	3.90	Zhou L. et al. (2016). Comparison of several slow-released nitrogen fertilizers in ammonia volatilization and nitrogen utilization in summer maize field. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 22(6): 1449–1457
367	36.58	116.58	maize	1.37	8.20	7.40	0.23	16.27	24.90	410.00	822.00	180.00	5.20	Zhou L. et al. (2016). Comparison of several slow-released nitrogen fertilizers in ammonia volatilization and nitrogen utilization in summer maize field. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 22(6): 1449–1457
368	36.58	116.58	maize	1.37	8.20	7.40	0.23	16.27	24.90	410.00	822.00	180.00	17.30	Zhou L. et al. (2016). Comparison of several slow-released nitrogen fertilizers in ammonia volatilization and nitrogen utilization in summer maize field. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 22(6): 1449–1457
369	36.20	117.00	maize	1.48	6.88	15.77	0.69	21.24	24.30	522.00	742.00	0.00	0.65	Zhuang Z. et al. (2016). Effects of humic acid nitrogen fertilization on corn yield, nitrogen utilization and nitrogen loss. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 22(5): 1232–1239
370	36.20	117.00	maize	1.48	6.88	15.77	0.69	21.24	24.30	522.00	742.00	225.00	6.05	Zhuang Z. et al. (2016). Effects of humic acid nitrogen fertilization on corn yield, nitrogen utilization and nitrogen loss. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizer. 22(5): 1232–1239
371	34.28	108.07	maize	1.35	7.97	14.60	1.38	17.00	23.90	380.70	600.00	0.00	2.26	Tian X. (2016). Effects Of Conservation Tillage Practices On The Growth, Water And Nitrogen Utilization Of Summer Maize. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Shanxi, China)
372	34.28	108.07	maize	1.35	7.97	14.60	1.38	17.00	23.90	380.70	600.00	230.00	3.50	Tian X. (2016). Effects Of Conservation Tillage Practices On The Growth, Water And Nitrogen Utilization Of Summer Maize. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Shanxi, China)
373	34.28	108.07	maize	1.35	7.97	14.60	1.38	17.00	23.90	380.70	600.00	0.00	2.54	Tian X. (2016). Effects Of Conservation Tillage Practices On The Growth, Water And Nitrogen Utilization Of Summer Maize. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Shanxi, China)
374	34.28	108.07	maize	1.35	7.97	14.60	1.38	17.00	22.90	278.20	600.00	230.00	3.46	Tian X. (2016). Effects Of Conservation Tillage Practices On The Growth, Water And Nitrogen Utilization Of Summer Maize. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Shanxi, China)
375	34.28	108.07	maize	1.35	7.97	14.60	1.38	17.00	22.90	278.20	600.00	0.00	2.30	Tian X. (2016). Effects Of Conservation Tillage Practices On The Growth, Water And Nitrogen Utilization Of Summer Maize. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Shanxi, China)
376	34.28	108.07	maize	1.35	7.97	14.60	1.38	17.00	22.90	278.20	600.00	230.00	3.49	Tian X. (2016). Effects Of Conservation Tillage Practices On The Growth, Water And Nitrogen Utilization Of Summer Maize. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Shanxi, China)
377	43.80	125.40	maize	1.48	6.63	29.57	1.68	21.72	19.70	485.00	937.00	0.00	8.53	Yan L. (2016). Study on agricultural non-point pollution impact of different fertilization management in maize continuous cropping area in Northeast China. (in Chinese with English abstract). Master dissertation of Jilin University (Changchun, China)
378	43.80	125.40	maize	1.48	6.63	29.57	1.68	21.72	19.70	485.00	937.00	240.00	26.63	Yan L. (2016). Study on agricultural non-point pollution impact of different fertilization management in maize continuous cropping area in Northeast China. (in Chinese with English abstract). Master dissertation of Jilin University (Changchun, China)
379	38.02	115.53	maize	1.38	8.60	11.70	0.94	17.83	25.40	302.00	740.00	0.00	5.26	Wang X. et al. (2009). Effect of optimized nitrogen application on ammonia volatilization from soil in winter wheat-summer corn rotation system in Northern China. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 15(2): 344-351
380	38.02	115.53	maize	1.38	8.60	11.70	0.94	17.83	25.40	302.00	740.00	300.00	27.80	Wang X. et al. (2009). Effect of optimized nitrogen application on ammonia volatilization from soil in winter wheat-summer corn rotation system in Northern China. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 15(2): 344-351
381	38.02	115.53	maize	1.38	8.60	11.70	0.94	17.83	25.40	302.00	740.00	210.00	19.46	Wang X. et al. (2009). Effect of optimized nitrogen application on ammonia volatilization from soil in winter wheat-summer corn rotation system in Northern China. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 15(2): 344-351
382	38.02	115.53	maize	1.38	8.60	11.70	0.94	17.83	25.40	302.00	740.00	210.00	16.36	Wang X. et al. (2009). Effect of optimized nitrogen application on ammonia volatilization from soil in winter wheat-summer corn rotation system in Northern China. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 15(2): 344-351
383	36.08	103.07	maize	1.26	8.20	11.20	0.95	17.35	17.10	279.00	512.00	0.00	3.87	Yang X. et al. (2017). The ammonia volatilization of anthropogenic-alluvial soil in summer maize farmland under different fertilization methods in Gansu Province. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 35(05): 79-88
384	36.08	103.07	maize	1.26	8.20	11.20	0.95	17.35	17.10	279.00	512.00	138.00	9.58	Yang X. et al. (2017). The ammonia volatilization of anthropogenic-alluvial soil in summer maize farmland under different fertilization methods in Gansu Province. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 35(05): 79-88
385	36.08	103.07	maize	1.26	8.20	11.20	0.95	17.35	17.10	279.00	512.00	138.00	9.97	Yang X. et al. (2017). The ammonia volatilization of anthropogenic-alluvial soil in summer maize farmland under different fertilization methods in Gansu Province. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 35(05): 79-88
386	36.08	103.07	maize	1.26	8.20	11.20	0.95	17.35	17.10	279.00	512.00	138.00	11.23	Yang X. et al. (2017). The ammonia volatilization of anthropogenic-alluvial soil in summer maize farmland under different fertilization methods in Gansu Province. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 35(05): 79-88
387	36.08	103.07	maize	1.26	8.20	11.20	0.95	17.35	17.10	279.00	512.00	138.00	11.05	Yang X. et al. (2017). The ammonia volatilization of anthropogenic-alluvial soil in summer maize farmland under different fertilization methods in Gansu Province. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 35(05): 79-88
388	40.68	107.30	maize	1.42	7.60	56.72	0.62	23.00	19.90	50.42	748.00	0.00	6.14	Li Z. et al. (2018). Nitrogen Use Efficiency and Ammonia Oxidation of Corn Field with Drip Irrigation in Hetao Irrigation District. (in Chinese with English abstract). Journal of Irrigation and Drainage. 37(11): 37-42+49
389	40.68	107.30	maize	1.42	7.60	56.72	0.62	23.00	19.90	50.42	748.00	162.00	9.26	Li Z. et al. (2018). Nitrogen Use Efficiency and Ammonia Oxidation of Corn Field with Drip Irrigation in Hetao Irrigation District. (in Chinese with English abstract). Journal of Irrigation and Drainage. 37(11): 37-42+49
390	40.68	107.30	maize	1.42	7.60	56.72	0.62	23.00	19.90	50.42	748.00	216.00	10.91	Li Z. et al. (2018). Nitrogen Use Efficiency and Ammonia Oxidation of Corn Field with Drip Irrigation in Hetao Irrigation District. (in Chinese with English abstract). Journal of Irrigation and Drainage. 37(11): 37-42+49
391	40.68	107.30	maize	1.42	7.60	56.72	0.62	23.00	19.90	50.42	748.00	270.00	14.20	Li Z. et al. (2018). Nitrogen Use Efficiency and Ammonia Oxidation of Corn Field with Drip Irrigation in Hetao Irrigation District. (in Chinese with English abstract). Journal of Irrigation and Drainage. 37(11): 37-42+49
392	40.68	107.30	maize	1.42	7.60	56.72	0.62	23.00	19.90	50.42	748.00	324.00	17.56	Li Z. et al. (2018). Nitrogen Use Efficiency and Ammonia Oxidation of Corn Field with Drip Irrigation in Hetao Irrigation District. (in Chinese with English abstract). Journal of Irrigation and Drainage. 37(11): 37-42+49
393	43.57	124.88	maize	1.48	6.70	25.69	1.82	21.72	20.50	420.00	1005.60	0.00	40.07	Xue X. et al. (2018). Effects of loss-controlled urea on ammonia volatilization, N translocation and utilization efficiency in paddy rice. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 29(1): 133-140
394	43.57	124.88	maize	1.48	6.70	25.69	1.82	21.72	20.50	420.00	1005.60	180.00	59.97	Xue X. et al. (2018). Effects of loss-controlled urea on ammonia volatilization, N translocation and utilization efficiency in paddy rice. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 29(1): 133-140
395	40.70	107.30	maize	1.39	8.30	14.60	0.62	23.00	19.90	50.42	748.00	0.00	5.81	Li Y. et al. (2018). Effect of optimized nitrogen application on nitrous oxide emission and ammonia volatilization in Hetao irrigation area. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 39(2): 578-584
396	40.70	107.30	maize	1.39	8.30	14.60	0.62	23.00	19.90	50.42	748.00	375.00	56.84	Li Y. et al. (2018). Effect of optimized nitrogen application on nitrous oxide emission and ammonia volatilization in Hetao irrigation area. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 39(2): 578-584
397	40.70	107.30	maize	1.39	8.30	14.60	0.62	23.00	19.90	50.42	748.00	175.00	17.72	Li Y. et al. (2018). Effect of optimized nitrogen application on nitrous oxide emission and ammonia volatilization in Hetao irrigation area. (in Chinese with English abstract). Acta Scientiae Circumstantiae. 39(2): 578-584
398	43.57	124.88	maize	1.48	5.45	25.69	1.82	21.72	19.70	464.00	937.00	0.00	40.07	Song Z. (2018). Study on the Ecological Environment Effect of Controlled Release Fertilizer Application in Spring Maize in Black Soil Region of Northeast China. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
399	43.57	124.88	maize	1.48	5.45	25.69	1.82	21.72	19.70	464.00	937.00	180.00	59.97	Song Z. (2018). Study on the Ecological Environment Effect of Controlled Release Fertilizer Application in Spring Maize in Black Soil Region of Northeast China. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
400	36.93	117.83	maize	1.51	7.71	17.40	0.80	13.50	25.60	429.00	776.00	0.00	18.50	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen losses under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). Master of dissertation of China Agricultural University (Beijing, China)
401	36.93	117.83	maize	1.51	7.71	17.40	0.80	13.50	25.60	429.00	776.00	250.00	33.40	Xu C. (2018). Characteristics of greenhouse gas emissions and nitrogen losses under long-term nitrogen fertilization and straw incorporation in the North China Plain. (in Chinese with English abstract). Master of dissertation of China Agricultural University (Beijing, China)
402	43.29	124.44	maize	1.48	5.32	20.90	1.27	22.52	20.70	693.00	961.00	0.00	14.22	Xu Z.(2017).Effects of urea ammonium nitrate solution on N uptake, fate and yield of spring maize. (in Chinese with English abstract). Master dissertation of Jilin Agricultral University (Changchun, China)
403	43.29	124.44	maize	1.48	5.32	20.90	1.27	22.52	20.70	693.00	961.00	200.00	27.40	Xu Z.(2017).Effects of urea ammonium nitrate solution on N uptake, fate and yield of spring maize. (in Chinese with English abstract). Master dissertation of Jilin Agricultral University (Changchun, China)
404	43.29	124.44	maize	1.48	5.32	20.90	1.27	22.52	20.70	693.00	961.00	200.00	22.36	Xu Z.(2017).Effects of urea ammonium nitrate solution on N uptake, fate and yield of spring maize. (in Chinese with English abstract). Master dissertation of Jilin Agricultral University (Changchun, China)
405	43.29	124.44	maize	1.48	5.32	20.90	1.27	22.52	20.70	693.00	961.00	200.00	32.19	Xu Z.(2017).Effects of urea ammonium nitrate solution on N uptake, fate and yield of spring maize. (in Chinese with English abstract). Master dissertation of Jilin Agricultral University (Changchun, China)
406	43.29	124.44	maize	1.48	5.32	20.90	1.27	22.52	20.70	693.00	961.00	200.00	28.51	Xu Z.(2017).Effects of urea ammonium nitrate solution on N uptake, fate and yield of spring maize. (in Chinese with English abstract). Master dissertation of Jilin Agricultral University (Changchun, China)
407	36.15	117.15	maize	1.51	8.60	17.69	0.86	21.24	25.00	272.00	742.00	0.00	5.24	Jia X.(2017).Effects of mixed organic and inorganic N fertilizer on soil fertility and nitrogen balance of summer maize.(in Chinese with English abstract). Master dissertation of Shandong Agricultral University (Taian, China)
408	36.15	117.15	maize	1.51	8.60	17.69	0.86	21.24	25.00	272.00	742.00	200.00	36.34	Jia X.(2017).Effects of mixed organic and inorganic N fertilizer on soil fertility and nitrogen balance of summer maize.(in Chinese with English abstract). Master dissertation of Shandong Agricultral University (Taian, China)
409	24.50	102.60	maize	1.35	6.34	21.10	0.53	23.58	21.00	368.00	339.36	0.00	5.00	Wu T.et al.(2015).Effect of different nitrogen fertilizer amount on soil ammonia volatilization and crop yield at vegetables field in Chaihe basin of Dianchi lake.(in Chinese with English abstract).Chinese Journal of Modern Agricultural Technology.(03):205-208
410	24.50	102.60	maize	1.35	6.34	21.10	0.53	23.58	21.00	368.00	339.36	300.00	33.01	Wu T.et al.(2015).Effect of different nitrogen fertilizer amount on soil ammonia volatilization and crop yield at vegetables field in Chaihe basin of Dianchi lake.(in Chinese with English abstract).Chinese Journal of Modern Agricultural Technology.(03):205-208
411	24.50	102.60	maize	1.35	6.34	21.10	0.53	23.58	21.00	368.00	339.36	240.00	29.63	Wu T.et al.(2015).Effect of different nitrogen fertilizer amount on soil ammonia volatilization and crop yield at vegetables field in Chaihe basin of Dianchi lake.(in Chinese with English abstract).Chinese Journal of Modern Agricultural Technology.(03):205-208
412	24.50	102.60	maize	1.35	6.34	21.10	0.53	23.58	21.00	368.00	339.36	210.00	24.39	Wu T.et al.(2015).Effect of different nitrogen fertilizer amount on soil ammonia volatilization and crop yield at vegetables field in Chaihe basin of Dianchi lake.(in Chinese with English abstract).Chinese Journal of Modern Agricultural Technology.(03):205-208
413	34.29	108.06	maize	1.35	7.97	14.05	1.38	17.00	23.90	380.70	600.00	0.00	2.26	Tian X.(2016).Effect of tillage practices on the growth,water and nitrogen use od summer maize.(in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
414	34.29	108.06	maize	1.35	7.97	14.05	1.38	17.00	23.90	380.70	600.00	0.00	2.54	Tian X.(2016).Effect of tillage practices on the growth,water and nitrogen use od summer maize.(in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
415	34.29	108.06	maize	1.35	7.97	14.05	1.38	17.00	23.90	380.70	600.00	0.00	2.30	Tian X.(2016).Effect of tillage practices on the growth,water and nitrogen use od summer maize.(in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
416	34.29	108.06	maize	1.35	7.97	14.05	1.38	17.00	23.90	380.70	600.00	230.00	3.55	Tian X.(2016).Effect of tillage practices on the growth,water and nitrogen use od summer maize.(in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
417	34.29	108.06	maize	1.35	7.97	14.05	1.38	17.00	23.90	380.70	600.00	230.00	3.46	Tian X.(2016).Effect of tillage practices on the growth,water and nitrogen use od summer maize.(in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
418	34.29	108.06	maize	1.35	7.97	14.05	1.38	17.00	23.90	380.70	600.00	230.00	3.49	Tian X.(2016).Effect of tillage practices on the growth,water and nitrogen use od summer maize.(in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
419	36.20	117.20	maize	1.51	7.28	12.88	0.95	21.24	25.88	443.40	742.00	0.00	11.14	Yang Q.et al.(2018).Effects of combined application of manure and chemical fertilizers on loss of gaseous nitrogen and yield of summer maize.(in Chinese with English abstract).Scientia Agricultura Sinica .51(13):2476-2488
420	36.20	117.20	maize	1.51	7.07	12.81	1.22	21.24	25.88	443.40	742.00	200.00	40.01	Yang Q.et al.(2018).Effects of combined application of manure and chemical fertilizers on loss of gaseous nitrogen and yield of summer maize.(in Chinese with English abstract).Scientia Agricultura Sinica .51(13):2476-2488
421	36.20	117.20	maize	1.51	7.31	12.24	0.97	21.24	26.60	357.50	742.00	0.00	7.53	Yang Q.et al.(2018).Effects of combined application of manure and chemical fertilizers on loss of gaseous nitrogen and yield of summer maize.(in Chinese with English abstract).Scientia Agricultura Sinica .51(13):2476-2488
422	36.20	117.20	maize	1.51	7.15	13.74	1.07	21.24	26.60	357.50	742.00	200.00	36.45	Yang Q.et al.(2018).Effects of combined application of manure and chemical fertilizers on loss of gaseous nitrogen and yield of summer maize.(in Chinese with English abstract).Scientia Agricultura Sinica .51(13):2476-2488
423	28.20	113.80	maize	1.40	5.80	14.60	1.00	31.71	23.50	1062.00	475.00	0.00	10.48	Xie Y.et al.(2019).Reduction in nitrogen fertilizer applications by the use of polymer-coated urea: effect on maize yields and environmental impacts of nitrogen losses.Journal of the Science of Food and Agriculture,.99(5): 2259-2266
424	28.20	113.80	maize	1.40	5.80	14.60	1.00	31.71	23.50	1062.00	475.00	240.00	33.74	Xie Y.et al.(2019).Reduction in nitrogen fertilizer applications by the use of polymer-coated urea: effect on maize yields and environmental impacts of nitrogen losses.Journal of the Science of Food and Agriculture,.99(5): 2259-2266
425	40.60	107.30	maize	1.42	7.40	56.72	0.62	13.60	20.80	139.00	1479.00	0.00	6.14	Li Z.(2018).Effects of drip fertigation on maize growth and nitrogen use efficiency in Hetao irrigation district.(in Chinese with English abstract). Master dissertation of Inner MongoliaAgricultural University (Hohhot, China)
426	40.60	107.30	maize	1.42	7.40	56.72	0.62	13.60	20.80	139.00	1479.00	162.00	9.26	Li Z.(2018).Effects of drip fertigation on maize growth and nitrogen use efficiency in Hetao irrigation district.(in Chinese with English abstract). Master dissertation of Inner MongoliaAgricultural University (Hohhot, China)
427	40.60	107.30	maize	1.42	7.40	56.72	0.62	13.60	20.80	139.00	1479.00	216.00	10.91	Li Z.(2018).Effects of drip fertigation on maize growth and nitrogen use efficiency in Hetao irrigation district.(in Chinese with English abstract). Master dissertation of Inner MongoliaAgricultural University (Hohhot, China)
428	40.60	107.30	maize	1.42	7.40	56.72	0.62	13.60	20.80	139.00	1479.00	270.00	14.20	Li Z.(2018).Effects of drip fertigation on maize growth and nitrogen use efficiency in Hetao irrigation district.(in Chinese with English abstract). Master dissertation of Inner MongoliaAgricultural University (Hohhot, China)
429	40.60	107.30	maize	1.42	7.40	56.72	0.62	13.60	20.80	139.00	1479.00	324.00	17.56	Li Z.(2018).Effects of drip fertigation on maize growth and nitrogen use efficiency in Hetao irrigation district.(in Chinese with English abstract). Master dissertation of Inner MongoliaAgricultural University (Hohhot, China)
430	24.50	102.30	maize	1.51	6.34	19.30	0.53	23.58	13.74	205.15	437.03	0.00	20.03	Wu T.(2016).Effects of slow-released nitrogen fertilizers and urea placement on soil ammonia volatilization and nitrogen utilization of summer maize.(in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)

431	24.50	102.30	maize	1.51	6.34	19.30	0.53	23.58	13.74	205.15	437.03	300.00	65.22	Wu T.(2016).Effects of slow-released nitrogen fertilizers and urea placement on soil ammonia volatilization and nitrogen utilization of summer maize.(in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
432	24.50	102.30	maize	1.45	6.34	19.30	0.53	23.58	13.74	205.15	437.03	240.00	57.83	Wu T.(2016).Effects of slow-released nitrogen fertilizers and urea placement on soil ammonia volatilization and nitrogen utilization of summer maize.(in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
433	24.50	102.30	maize	1.45	6.34	19.30	0.53	23.58	13.74	205.15	437.03	210.00	50.86	Wu T.(2016).Effects of slow-released nitrogen fertilizers and urea placement on soil ammonia volatilization and nitrogen utilization of summer maize.(in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
434	24.50	102.30	maize	1.45	6.34	19.30	0.53	23.58	17.18	41.46	314.16	0.00	11.97	Wu T.(2016).Effects of slow-released nitrogen fertilizers and urea placement on soil ammonia volatilization and nitrogen utilization of summer maize.(in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
435	24.50	102.30	maize	1.45	6.34	19.30	0.53	23.58	17.18	41.46	314.16	300.00	38.31	Wu T.(2016).Effects of slow-released nitrogen fertilizers and urea placement on soil ammonia volatilization and nitrogen utilization of summer maize.(in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
436	24.50	102.30	maize	1.45	6.34	19.30	0.53	23.58	17.18	41.46	314.16	240.00	28.82	Wu T.(2016).Effects of slow-released nitrogen fertilizers and urea placement on soil ammonia volatilization and nitrogen utilization of summer maize.(in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
437	24.50	102.30	maize	1.34	6.34	19.30	0.53	23.58	17.18	41.46	314.16	210.00	24.54	Wu T.(2016).Effects of slow-released nitrogen fertilizers and urea placement on soil ammonia volatilization and nitrogen utilization of summer maize.(in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
438	36.20	116.90	fruit	1.51	6.80	15.99	0.86	21.24	14.08	722.10	1637.10	0.00	4.08	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
439	36.20	116.90	fruit	1.51	6.80	15.99	0.86	21.24	14.08	722.10	1637.10	75.00	8.36	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
440	36.20	116.90	fruit	1.51	6.80	15.99	0.86	21.24	14.08	722.10	1637.10	150.00	20.06	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
441	36.20	116.90	fruit	1.51	6.80	15.99	0.86	21.24	14.08	722.10	1637.10	225.00	28.41	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
442	41.80	86.07	fruit	1.39	7.90	6.95	0.92	20.00	23.40	62.70	1259.00	0.00	27.89	Wang C. et al. (2019). Effects of different nitrogen application levels on soil ammonia volatilization loss in Korla fragrant pear orchard. (in Chinese with English abstract). Soil and Fertilizer Sciences in China. (02): 46-53
443	41.80	86.07	fruit	1.39	7.90	6.95	0.92	20.00	23.40	62.70	1259.00	150.00	34.94	Wang C. et al. (2019). Effects of different nitrogen application levels on soil ammonia volatilization loss in Korla fragrant pear orchard. (in Chinese with English abstract). Soil and Fertilizer Sciences in China. (02): 46-53
444	41.80	86.07	fruit	1.39	7.90	6.95	0.92	20.00	23.40	62.70	1259.00	300.00	36.39	Wang C. et al. (2019). Effects of different nitrogen application levels on soil ammonia volatilization loss in Korla fragrant pear orchard. (in Chinese with English abstract). Soil and Fertilizer Sciences in China. (02): 46-53
445	41.80	86.07	fruit	1.39	7.90	6.95	0.92	20.00	23.40	62.70	1259.00	450.00	44.42	Wang C. et al. (2019). Effects of different nitrogen application levels on soil ammonia volatilization loss in Korla fragrant pear orchard. (in Chinese with English abstract). Soil and Fertilizer Sciences in China. (02): 46-53
446	36.20	117.10	fruit	1.39	5.90	15.99	0.86	21.24	25.90	430.02	578.97	0.00	7.46	Ge S.et al.(2017).Effect of exogenous carbon on inorganic nitrogen and ammonia volatilization in apple orchard soil.(in Chinese with English abstract).Chinese Journal of Soil and Water Conservation.31(06):257-261
447	36.20	117.10	fruit	1.39	5.90	15.99	0.86	21.24	25.90	430.02	578.97	250.00	22.75	Ge S.et al.(2017).Effect of exogenous carbon on inorganic nitrogen and ammonia volatilization in apple orchard soil.(in Chinese with English abstract).Chinese Journal of Soil and Water Conservation.31(06):257-261
448	36.20	117.10	fruit	1.39	5.90	15.99	0.86	21.24	25.90	430.02	578.97	250.00	16.78	Ge S.et al.(2017).Effect of exogenous carbon on inorganic nitrogen and ammonia volatilization in apple orchard soil.(in Chinese with English abstract).Chinese Journal of Soil and Water Conservation.31(06):257-261
449	36.20	117.10	fruit	1.39	5.90	15.99	0.86	21.24	25.90	430.02	578.97	250.00	13.47	Ge S.et al.(2017).Effect of exogenous carbon on inorganic nitrogen and ammonia volatilization in apple orchard soil.(in Chinese with English abstract).Chinese Journal of Soil and Water Conservation.31(06):257-261
450	34.50	108.00	fruit	1.28	8.40	18.36	1.50	17.00	7.97	279.39	369.74	0.00	1.38	Luo W.et al.(2019).Ammonia volatilization under different nitrogen and water treatments of tomato-watermelon rotation system in solar greenhouse in Losses Plateau,China.(in Chinese with English abstract).Chinese Journal of Applied Ecology.30(4):1278-1286
451	34.50	108.00	fruit	1.28	8.40	18.36	1.50	17.00	7.97	279.39	369.74	450.00	4.97	Luo W.et al.(2019).Ammonia volatilization under different nitrogen and water treatments of tomato-watermelon rotation system in solar greenhouse in Losses Plateau,China.(in Chinese with English abstract).Chinese Journal of Applied Ecology.30(4):1278-1286
452	34.50	108.00	fruit	1.28	8.40	18.36	1.50	17.00	7.97	279.39	369.74	225.00	2.82	Luo W.et al.(2019).Ammonia volatilization under different nitrogen and water treatments of tomato-watermelon rotation system in solar greenhouse in Losses Plateau,China.(in Chinese with English abstract).Chinese Journal of Applied Ecology.30(4):1278-1286
453	34.50	108.00	fruit	1.28	8.40	18.36	1.50	17.00	7.97	279.39	369.74	225.00	4.76	Luo W.et al.(2019).Ammonia volatilization under different nitrogen and water treatments of tomato-watermelon rotation system in solar greenhouse in Losses Plateau,China.(in Chinese with English abstract).Chinese Journal of Applied Ecology.30(4):1278-1286
454	34.50	108.00	fruit	1.28	8.40	18.36	1.50	17.00	17.13	319.80	573.36	0.00	1.58	Luo W.et al.(2019).Ammonia volatilization under different nitrogen and water treatments of tomato-watermelon rotation system in solar greenhouse in Losses Plateau,China.(in Chinese with English abstract).Chinese Journal of Applied Ecology.30(4):1278-1286
455	34.50	108.00	fruit	1.28	8.40	18.36	1.50	17.00	17.13	319.80	573.36	250.00	8.18	Luo W.et al.(2019).Ammonia volatilization under different nitrogen and water treatments of tomato-watermelon rotation system in solar greenhouse in Losses Plateau,China.(in Chinese with English abstract).Chinese Journal of Applied Ecology.30(4):1278-1286
456	34.50	108.00	fruit	1.28	8.40	18.36	1.50	17.00	17.13	319.80	573.36	150.00	5.41	Luo W.et al.(2019).Ammonia volatilization under different nitrogen and water treatments of tomato-watermelon rotation system in solar greenhouse in Losses Plateau,China.(in Chinese with English abstract).Chinese Journal of Applied Ecology.30(4):1278-1286
457	34.50	108.00	fruit	1.28	8.40	18.36	1.50	17.00	17.13	319.80	573.36	150.00	6.75	Luo W.et al.(2019).Ammonia volatilization under different nitrogen and water treatments of tomato-watermelon rotation system in solar greenhouse in Losses Plateau,China.(in Chinese with English abstract).Chinese Journal of Applied Ecology.30(4):1278-1286
458	41.48	86.04	fruit	1.42	7.90	21.56	0.43	16.00	23.40	62.70	1259.00	0.00	28.22	Wang C. et al. (2019). Effect of nitrogen application rate on ammonia volatilization and nitrous oxide emission in Korla fragrant pear orchard. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 37(5): 157-164
459	41.48	86.04	fruit	1.42	7.90	21.56	0.43	16.00	23.40	62.70	1259.00	150.00	34.94	Wang C. et al. (2019). Effect of nitrogen application rate on ammonia volatilization and nitrous oxide emission in Korla fragrant pear orchard. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 37(5): 157-164
460	41.48	86.04	fruit	1.42	7.90	21.56	0.43	16.00	23.40	62.70	1259.00	300.00	36.38	Wang C. et al. (2019). Effect of nitrogen application rate on ammonia volatilization and nitrous oxide emission in Korla fragrant pear orchard. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 37(5): 157-164
461	41.48	86.04	fruit	1.42	7.90	21.56	0.43	16.00	23.40	62.70	1259.00	450.00	44.42	Wang C. et al. (2019). Effect of nitrogen application rate on ammonia volatilization and nitrous oxide emission in Korla fragrant pear orchard. (in Chinese with English abstract). Agricultural Research in the Arid Areas. 37(5): 157-164
462	36.20	116.90	fruit	1.13	6.80	15.99	0.86	21.24	14.08	24.07	54.57	0.00	4.08	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
463	36.20	116.90	fruit	1.13	6.80	15.99	0.86	21.24	14.08	24.07	54.57	75.00	8.36	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
464	36.20	116.90	fruit	1.13	6.80	15.99	0.86	21.24	14.08	24.07	54.57	150.00	20.06	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
465	36.20	116.90	fruit	1.13	6.80	15.99	0.86	21.24	14.08	24.07	54.57	225.00	28.41	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
466	36.20	116.90	fruit	1.13	6.80	15.99	0.86	21.24	14.08	24.07	54.57	250.00	5.58	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
467	36.20	116.90	fruit	1.13	6.70	15.99	0.86	21.24	14.08	24.07	54.57	250.00	5.89	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
468	36.20	116.90	fruit	1.13	6.70	15.99	0.86	21.24	14.08	24.07	54.57	250.00	5.96	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
469	36.20	116.90	fruit	1.13	6.70	15.99	0.86	21.24	14.08	24.07	54.57	300.00	13.46	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
470	36.20	116.90	fruit	1.13	6.80	15.99	0.86	21.24	14.08	24.07	54.57	300.00	12.30	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
471	36.20	116.90	fruit	1.13	6.80	15.99	0.86	21.24	14.08	24.07	54.57	300.00	10.44	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
472	36.20	116.90	fruit	1.13	6.80	15.99	0.86	21.24	14.08	24.07	54.57	300.00	11.52	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
473	36.20	116.90	fruit	1.13	6.80	15.99	0.86	21.24	14.08	24.07	54.57	300.00	12.87	Ge S. (2011). Study on gross nitrification-denitrification and ammonia volatilization losses in apple orchard. (in Chinese with English abstract). Master dissertation of Shandong Agricultural University. (Taian, China)
474	32.10	118.90	vegetable	1.40	7.55	14.36	1.52	23.22	16.10	174.00	448.69	0.00	3.60	Cao B.et al.(2007).Nitrogen use efficiency and N losses from Chinese cabbage grown in an open field.(in Chinese with English abstract).Chinese Joural of Plant Nutrition and Fertilizer Science. 13(6):1116-1122.13(6):1116-1122
475	32.10	118.90	vegetable	1.40	7.55	14.36	1.52	23.22	16.10	174.00	448.69	180.00	5.33	Cao B.et al.(2007).Nitrogen use efficiency and N losses from Chinese cabbage grown in an open field.(in Chinese with English abstract).Chinese Joural of Plant Nutrition and Fertilizer Science. 13(6):1116-1122.13(6):1116-1122
476	32.10	118.90	vegetable	1.40	7.55	14.36	1.52	23.22	16.10	174.00	448.69	300.00	40.20	Cao B.et al.(2007).Nitrogen use efficiency and N losses from Chinese cabbage grown in an open field.(in Chinese with English abstract).Chinese Joural of Plant Nutrition and Fertilizer Science. 13(6):1116-1122.13(6):1116-1122
477	32.10	118.90	vegetable	1.40	7.55	14.36	1.52	23.22	16.10	174.00	448.69	600.00	106.00	Cao B.et al.(2007).Nitrogen use efficiency and N losses from Chinese cabbage grown in an open field.(in Chinese with English abstract).Chinese Joural of Plant Nutrition and Fertilizer Science. 13(6):1116-1122.13(6):1116-1122
478	23.20	113.30	vegetable	1.35	6.22	16.40	1.30	22.13	22.40	186.00	205.20	0.00	0.30	Li D.(2007).Soil nitrc oxide emissions from forests and vegetable fields in the pearl river delta.(in Chinese with English abstract). Doctor dissertation of Guangzhou Institute of Geochemistry, Chinese Academy of Sciences (Guangzhou, China)
479	23.20	113.30	vegetable	1.35	6.22	16.40	1.30	22.13	22.40	186.00	205.20	150.08	16.64	Li D.(2007).Soil nitrc oxide emissions from forests and vegetable fields in the pearl river delta.(in Chinese with English abstract). Doctor dissertation of Guangzhou Institute of Geochemistry, Chinese Academy of Sciences (Guangzhou, China)
480	23.20	113.30	vegetable	1.35	6.22	16.40	1.30	22.13	22.40	186.00	205.20	150.08	4.88	Li D.(2007).Soil nitrc oxide emissions from forests and vegetable fields in the pearl river delta.(in Chinese with English abstract). Doctor dissertation of Guangzhou Institute of Geochemistry, Chinese Academy of Sciences (Guangzhou, China)
481	23.20	113.30	vegetable	1.35	6.22	16.40	1.30	22.13	22.40	186.00	205.20	150.08	23.08	Li D.(2007).Soil nitrc oxide emissions from forests and vegetable fields in the pearl river delta.(in Chinese with English abstract). Doctor dissertation of Guangzhou Institute of Geochemistry, Chinese Academy of Sciences (Guangzhou, China)
482	38.00	115.30	vegetable	1.41	7.60	9.06	1.55	11.00	15.57	144.90	807.94	0.00	11.40	Li Y.(2010).Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
483	38.00	115.30	vegetable	1.44	7.60	9.06	1.55	11.00	15.57	144.90	807.94	900.00	20.10	Li Y.(2010).Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
484	38.00	115.30	vegetable	1.44	7.60	9.06	1.55	11.00	15.57	144.90	807.94	1200.00	25.40	Li Y.(2010).Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
485	38.00	115.30	vegetable	1.44	7.60	9.06	1.55	11.00	15.57	144.90	807.94	600.00	16.70	Li Y.(2010).Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
486	38.00	115.30	vegetable	1.44	7.60	9.06	1.55	11.00	15.57	144.90	807.94	900.00	20.70	Li Y.(2010).Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
487	38.00	115.30	vegetable	1.44	7.60	9.06	1.55	11.00	15.57	144.90	807.94	1200.00	26.60	Li Y.(2010).Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
488	39.70	116.10	vegetable	1.44	7.35	10.54	3.35	19.76	17.70	241.22	800.66	0.00	1.48	Xi B.et al.(2010).Study onthe losing of ammoniavolatilization and its influencing factors onthe protected vegetable fields' soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizer Science.16(2):327-333
489	39.70	116.10	vegetable	1.44	7.35	10.54	3.35	19.76	17.70	241.22	800.66	270.00	2.63	Xi B.et al.(2010).Study onthe losing of ammoniavolatilization and its influencing factors onthe protected vegetable fields' soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizer Science.16(2):327-333
490	39.70	116.10	vegetable	1.44	7.35	10.54	3.35	19.76	17.70	241.22	800.66	360.00	3.18	Xi B.et al.(2010).Study onthe losing of ammoniavolatilization and its influencing factors onthe protected vegetable fields' soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizer Science.16(2):327-333
491	39.70	116.10	vegetable	1.44	7.35	10.54	3.35	19.76	17.70	241.22	800.66	360.00	2.92	Xi B.et al.(2010).Study onthe losing of ammoniavolatilization and its influencing factors onthe protected vegetable fields' soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizer Science.16(2):327-333
492	36.80	118.60	vegetable	1.44	6.61	16.89	3.00	19.32	16.22	189.54	1207.08	0.00	6.80	Zhu J.et al.(2002).Study on fate and utilization of nitrogen in protected vegetable fields.(in Chinese with English abstract).Doctor dissertation of China Agricultural University(Beijing, China)
493	36.80	118.60	vegetable	1.44	6.61	16.89	3.00	19.32	16.22	189.54	1207.08	600.00	9.10	Zhu J.et al.(2002).Study on fate and utilization of nitrogen in protected vegetable fields.(in Chinese with English abstract).Doctor dissertation of China Agricultural University(Beijing, China)
494	36.80	118.60	vegetable	1.44	6.61	16.89	3.00	19.32	16.22	189.54	1207.08	1200.00	11.10	Zhu J.et al.(2002).Study on fate and utilization of nitrogen in protected vegetable fields.(in Chinese with English abstract).Doctor dissertation of China Agricultural University(Beijing, China)
495	36.80	118.60	vegetable	1.44	6.61	16.89	3.00	19.32	16.22	189.54	1207.08	1800.00	15.10	Zhu J.et al.(2002).Study on fate and utilization of nitrogen in protected vegetable fields.(in Chinese with English abstract).Doctor dissertation of China Agricultural University(Beijing, China)
496	36.80	118.50	vegetable	1.51	6.61	8.95	3.00	19.32	16.22	189.54	1207.08	0.00	7.00	Zhu J.et al.(2005).Environmental implications of low nitrogen use efficiency in excessively fertilized hot pepper (Capsicum frutescensL.) cropping systems.Agriculture, ecosystems & environment. 111(1-4): 70-80
497	36.80	118.50	vegetable	1.51	6.61	8.95	3.00	19.32	16.22	189.54	1207.08	600.00	9.00	Zhu J.et al.(2005).Environmental implications of low nitrogen use efficiency in excessively fertilized hot pepper (Capsicum frutescensL.) cropping systems.Agriculture, ecosystems & environment. 111(1-4): 70-80
498	36.80	118.50	vegetable	1.51	6.61	8.95	3.00	19.32	16.22	189.54	1207.08	1200.00	11.00	Zhu J.et al.(2005).Environmental implications of low nitrogen use efficiency in excessively fertilized hot pepper (Capsicum frutescensL.) cropping systems.Agriculture, ecosystems & environment. 111(1-4): 70-80
499	36.80	118.50	vegetable	1.51	6.61	8.95	3.00	19.32	16.22	189.54	1207.08	1800.00	15.00	Zhu J.et al.(2005).Environmental implications of low nitrogen use efficiency in excessively fertilized hot pepper (Capsicum frutescensL.) cropping systems.Agriculture, ecosystems & environment. 111(1-4): 70-80
500	31.20	119.80	vegetable	1.40	5.58	14.75	1.04	17.33	8.29	232.56	267.12	0.00	0.01	Min J.et al.(2011).Nitrogen Balance and Loss in a Greenhouse Vegetable System in Southeastern China.Pedosphere.21(4): 464-472
501	31.20	119.80	vegetable	1.40	5.58	14.75	1.04	17.33	8.29	232.56	267.12	120.00	0.13	Min J.et al.(2011).Nitrogen Balance and Loss in a Greenhouse Vegetable System in Southeastern China.Pedosphere.21(4): 464-472
502	31.20	119.80	vegetable	1.40	5.58	14.75	1.04	17.33	8.29	232.56	267.12	180.00	0.18	Min J.et al.(2011).Nitrogen Balance and Loss in a Greenhouse Vegetable System in Southeastern China.Pedosphere.21(4): 464-472
503	31.20	119.80	vegetable	1.40	5.58	14.75	1.04	17.33	8.29	232.56	267.12	240.00	0.20	Min J.et al.(2011).Nitrogen Balance and Loss in a Greenhouse Vegetable System in Southeastern China.Pedosphere.21(4): 464-472
504	31.20	119.80	vegetable	1.40	5.58	14.75	1.04	17.33	8.29	232.56	267.12	300.00	0.52	Min J.et al.(2011).Nitrogen Balance and Loss in a Greenhouse Vegetable System in Southeastern China.Pedosphere.21(4): 464-472
505	39.40	116.20	vegetable	1.40	7.75	9.06	11.85	15.70	16.51	481.95	1259.55	0.00	106.30	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
506	39.40	116.20	vegetable	1.40	7.75	9.06	11.85	15.70	16.51	481.95	1259.55	1298.00	155.50	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
507	39.40	116.20	vegetable	1.40	7.75	9.06	11.85	15.70	16.51	481.95	1259.55	1947.00	203.80	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
508	39.40	116.20	vegetable	1.40	7.75	9.06	11.85	15.70	16.51	481.95	1259.55	0.00	102.80	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
509	39.40	116.20	vegetable	1.40	7.75	9.06	11.85	15.70	16.51	481.95	1259.55	1298.00	153.20	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
510	39.40	116.20	vegetable	1.40	7.75	9.06	11.85	15.70	16.51	481.95	1259.55	1947.00	199.00	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
511	37.80	115.50	vegetable	1.40	7.60	6.26	1.55	13.47	16.21	307.82	468.94	0.00	6.59	WU Q.(2011).Studies on the major of nitrogen loss in the protected soil under different nitrogen fertilization and irrigation strateies during tomato growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
512	37.80	115.50	vegetable	1.40	7.60	6.26	1.55	13.47	16.21	307.82	468.94	675.00	17.47	WU Q.(2011).Studies on the major of nitrogen loss in the protected soil under different nitrogen fertilization and irrigation strateies during tomato growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
513	37.80	115.50	vegetable	1.40	7.60	6.26	1.55	13.47	16.21	307.82	468.94	900.00	20.88	WU Q.(2011).Studies on the major of nitrogen loss in the protected soil under different nitrogen fertilization and irrigation strateies during tomato growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
514	37.80	115.50	vegetable	1.40	7.60	6.26	1.55	13.47	16.21	307.82	468.94	0.00	6.39	WU Q.(2011).Studies on the major of nitrogen loss in the protected soil under different nitrogen fertilization and irrigation strateies during tomato growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
515	37.80	115.50	vegetable	1.40	7.60	6.26	1.55	13.47	16.21	307.82	468.94	675.00	17.63	WU Q.(2011).Studies on the major of nitrogen loss in the protected soil under different nitrogen fertilization and irrigation strateies during tomato growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
516	37.80	115.50	vegetable	1.40	7.60	6.26	1.55	13.47	16.21	307.82	468.94	900.00	21.36	WU Q.(2011).Studies on the major of nitrogen loss in the protected soil under different nitrogen fertilization and irrigation strateies during tomato growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
517	38.30	116.20	vegetable	1.40	7.47	9.06	0.82	18.00	7.41	34.56	204.12	0.00	2.10	Nie W.(2012).Effects of nitrogen fertilizer and DCD application on cucumber growth and environment in greenhouse.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baodin, China)

518	38.30	116.20	vegetable	1.40	7.47	9.06	0.82	18.00	7.41	34.56	204.12	872.00	41.75	Nie W.(2012).Effects of nitrogen fertilizer and DCD application on cucumber growth and environment in greenhouse.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baodin, China)
519	38.30	116.20	vegetable	1.35	7.47	9.06	0.82	18.00	7.41	34.56	204.12	470.00	18.38	Nie W.(2012).Effects of nitrogen fertilizer and DCD application on cucumber growth and environment in greenhouse.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baodin, China)
520	38.30	116.20	vegetable	1.35	7.47	9.06	0.82	18.00	7.41	34.56	204.12	564.00	23.51	Nie W.(2012).Effects of nitrogen fertilizer and DCD application on cucumber growth and environment in greenhouse.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baodin, China)
521	38.30	116.20	vegetable	1.35	7.47	9.06	0.82	18.00	7.41	34.56	204.12	376.00	14.00	Nie W.(2012).Effects of nitrogen fertilizer and DCD application on cucumber growth and environment in greenhouse.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baodin, China)
522	40.00	116.30	vegetable	1.35	7.85	16.89	0.85	19.76	23.60	155.00	357.60	0.00	0.42	Liu Y.(2012).Effects of nitrification inhibitor on the transformation of urea and greenhouse gas emission in vegetable field.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baodin, China)
523	40.00	116.30	vegetable	1.35	7.85	16.89	0.85	19.76	23.60	155.00	357.60	400.00	6.14	Liu Y.(2012).Effects of nitrification inhibitor on the transformation of urea and greenhouse gas emission in vegetable field.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baodin, China)
524	40.00	116.30	vegetable	1.35	7.85	16.89	0.85	19.76	23.60	155.00	357.60	400.00	7.65	Liu Y.(2012).Effects of nitrification inhibitor on the transformation of urea and greenhouse gas emission in vegetable field.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baodin, China)
525	40.00	116.30	vegetable	1.35	7.85	16.89	0.85	19.76	23.60	155.00	357.60	400.00	7.09	Liu Y.(2012).Effects of nitrification inhibitor on the transformation of urea and greenhouse gas emission in vegetable field.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baodin, China)
526	40.00	116.30	vegetable	1.35	7.85	16.89	0.85	19.76	23.60	155.00	357.60	400.00	7.26	Liu Y.(2012).Effects of nitrification inhibitor on the transformation of urea and greenhouse gas emission in vegetable field.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baodin, China)
527	28.10	113.00	vegetable	1.40	5.38	14.36	1.53	23.22	23.70	100.00	193.55	0.00	1.37	He F.et al.(2005).Ammonia volatilization from urea applied to two vegetable fields in Nanjing suburbs.(in Chinese with English abstract).Chinese Journal of Acta Pedologiga Sinica.(02):253-259
528	28.10	113.00	vegetable	1.40	5.38	14.36	1.53	23.22	23.70	100.00	193.55	75.00	1.62	He F.et al.(2005).Ammonia volatilization from urea applied to two vegetable fields in Nanjing suburbs.(in Chinese with English abstract).Chinese Journal of Acta Pedologiga Sinica.(02):253-259
529	28.10	113.00	vegetable	1.40	5.38	14.36	1.53	23.22	23.70	100.00	193.55	150.00	1.81	He F.et al.(2005).Ammonia volatilization from urea applied to two vegetable fields in Nanjing suburbs.(in Chinese with English abstract).Chinese Journal of Acta Pedologiga Sinica.(02):253-259
530	28.10	113.00	vegetable	1.40	7.69	14.36	1.52	23.22	17.30	206.00	301.23	0.00	3.60	He F.et al.(2005).Ammonia volatilization from urea applied to two vegetable fields in Nanjing suburbs.(in Chinese with English abstract).Chinese Journal of Acta Pedologiga Sinica.(02):253-259
531	28.10	113.00	vegetable	1.40	7.69	14.36	1.52	23.22	17.30	206.00	301.23	180.00	5.33	He F.et al.(2005).Ammonia volatilization from urea applied to two vegetable fields in Nanjing suburbs.(in Chinese with English abstract).Chinese Journal of Acta Pedologiga Sinica.(02):253-259
532	28.10	113.00	vegetable	1.40	7.69	14.36	1.52	23.22	17.30	206.00	301.23	300.00	40.15	He F.et al.(2005).Ammonia volatilization from urea applied to two vegetable fields in Nanjing suburbs.(in Chinese with English abstract).Chinese Journal of Acta Pedologiga Sinica.(02):253-259
533	28.10	113.00	vegetable	1.40	7.69	14.36	1.52	23.22	17.30	206.00	301.23	600.00	105.90	He F.et al.(2005).Ammonia volatilization from urea applied to two vegetable fields in Nanjing suburbs.(in Chinese with English abstract).Chinese Journal of Acta Pedologiga Sinica.(02):253-259
534	39.10	117.00	vegetable	1.38	7.90	9.06	1.29	17.18	2.23	33.45	487.95	0.00	1.10	Hao X.(2012).Study on nutrient balance and optimized management in soil-greenhouse vegetable system.(in Chinese with English abstract).Doctor dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
535	39.10	117.00	vegetable	1.40	7.90	9.06	1.29	17.18	2.23	33.45	487.95	450.00	3.50	Hao X.(2012).Study on nutrient balance and optimized management in soil-greenhouse vegetable system.(in Chinese with English abstract).Doctor dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
536	39.10	117.00	vegetable	1.40	7.90	9.06	1.29	17.18	2.23	33.45	487.95	337.50	3.10	Hao X.(2012).Study on nutrient balance and optimized management in soil-greenhouse vegetable system.(in Chinese with English abstract).Doctor dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
537	39.10	117.00	vegetable	1.40	7.90	9.06	1.29	17.18	2.23	33.45	487.95	225.00	3.00	Hao X.(2012).Study on nutrient balance and optimized management in soil-greenhouse vegetable system.(in Chinese with English abstract).Doctor dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
538	39.10	117.00	vegetable	1.40	7.90	9.06	1.29	17.18	2.23	33.45	487.95	225.00	2.10	Hao X.(2012).Study on nutrient balance and optimized management in soil-greenhouse vegetable system.(in Chinese with English abstract).Doctor dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
539	39.10	117.00	vegetable	1.39	7.90	9.06	1.29	17.18	2.23	33.45	487.95	450.00	5.90	Hao X.(2012).Study on nutrient balance and optimized management in soil-greenhouse vegetable system.(in Chinese with English abstract).Doctor dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
540	39.10	117.00	vegetable	1.39	7.90	9.06	1.29	17.18	16.00	475.08	678.72	0.00	3.30	Hao X.(2012).Study on nutrient balance and optimized management in soil-greenhouse vegetable system.(in Chinese with English abstract).Doctor dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
541	39.10	117.00	vegetable	1.39	7.90	9.06	1.29	17.18	16.00	475.08	678.72	450.00	12.50	Hao X.(2012).Study on nutrient balance and optimized management in soil-greenhouse vegetable system.(in Chinese with English abstract).Doctor dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
542	39.10	117.00	vegetable	1.39	7.90	9.06	1.29	17.18	16.00	475.08	678.72	337.50	10.70	Hao X.(2012).Study on nutrient balance and optimized management in soil-greenhouse vegetable system.(in Chinese with English abstract).Doctor dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
543	39.10	117.00	vegetable	1.39	7.90	9.06	1.29	17.18	16.00	475.08	678.72	225.00	9.90	Hao X.(2012).Study on nutrient balance and optimized management in soil-greenhouse vegetable system.(in Chinese with English abstract).Doctor dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
544	39.10	117.00	vegetable	1.39	7.90	9.06	1.29	17.18	16.00	475.08	678.72	225.00	5.60	Hao X.(2012).Study on nutrient balance and optimized management in soil-greenhouse vegetable system.(in Chinese with English abstract).Doctor dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
545	39.10	117.00	vegetable	1.39	7.90	9.06	1.29	17.18	16.00	475.08	678.72	450.00	19.30	Hao X.(2012).Study on nutrient balance and optimized management in soil-greenhouse vegetable system.(in Chinese with English abstract).Doctor dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
546	31.30	119.80	vegetable	1.25	6.20	14.36	1.60	17.33	22.60	144.00	194.90	0.00	0.15	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
547	31.30	119.80	vegetable	1.41	6.20	14.36	1.60	17.33	22.60	144.00	194.90	300.00	0.59	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
548	31.30	119.80	vegetable	1.41	6.20	14.36	1.60	17.33	22.60	144.00	194.90	300.00	0.38	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
549	31.30	119.80	vegetable	1.41	6.20	14.36	1.60	17.33	22.60	144.00	194.90	300.00	0.25	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
550	31.30	119.80	vegetable	1.41	6.20	14.36	1.60	17.33	22.60	144.00	194.90	300.00	0.21	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
551	31.30	119.80	vegetable	1.41	6.20	14.36	1.60	17.33	29.40	340.00	131.67	0.00	0.19	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
552	31.30	119.80	vegetable	1.41	6.20	14.36	1.60	17.33	29.40	340.00	131.67	300.00	0.78	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
553	31.30	119.80	vegetable	1.41	6.20	14.36	1.60	17.33	29.40	340.00	131.67	300.00	0.55	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
554	31.30	119.80	vegetable	1.41	6.20	14.36	1.60	17.33	29.40	340.00	131.67	300.00	0.37	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
555	31.30	119.80	vegetable	1.49	6.20	14.36	1.60	17.33	29.40	340.00	131.67	300.00	0.28	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
556	24.50	102.60	vegetable	1.35	6.34	19.30	0.53	23.58	17.40	60.00	316.26	0.00	14.71	Wu T.et al.(2015).Effect of different nitrogen fertilizer amount on soil ammonia volatilization and crop yield at vegetables field in Chaihe basin of Dianchi lake.(in Chinese with English abstract).Chinese Journal of Modern Agricultural Technology.(03):20
557	24.50	102.60	vegetable	1.35	6.34	19.30	0.53	23.58	17.40	60.00	316.26	300.00	46.27	Wu T.et al.(2015).Effect of different nitrogen fertilizer amount on soil ammonia volatilization and crop yield at vegetables field in Chaihe basin of Dianchi lake.(in Chinese with English abstract).Chinese Journal of Modern Agricultural Technology.(03):20
558	24.50	102.60	vegetable	1.35	6.34	19.30	0.53	23.58	17.40	60.00	316.26	240.00	34.95	Wu T.et al.(2015).Effect of different nitrogen fertilizer amount on soil ammonia volatilization and crop yield at vegetables field in Chaihe basin of Dianchi lake.(in Chinese with English abstract).Chinese Journal of Modern Agricultural Technology.(03):20
559	24.50	102.60	vegetable	1.35	6.34	19.30	0.53	23.58	17.40	60.00	316.26	210.00	29.56	Wu T.et al.(2015).Effect of different nitrogen fertilizer amount on soil ammonia volatilization and crop yield at vegetables field in Chaihe basin of Dianchi lake.(in Chinese with English abstract).Chinese Journal of Modern Agricultural Technology.(03):20
560	28.10	113.00	vegetable	1.07	5.38	14.36	1.53	23.22	23.70	100.00	116.13	0.00	1.37	Jin X.(2004).Nitrogen transformation and gas losses in soils grown with vegetables in Nanjing suburb.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
561	28.10	113.00	vegetable	1.38	5.38	14.36	1.53	23.22	23.70	100.00	116.13	150.00	1.81	Jin X.(2004).Nitrogen transformation and gas losses in soils grown with vegetables in Nanjing suburb.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
562	28.10	113.00	vegetable	1.38	5.38	14.36	1.53	23.22	23.70	100.00	116.13	75.00	1.62	Jin X.(2004).Nitrogen transformation and gas losses in soils grown with vegetables in Nanjing suburb.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
563	32.10	118.90	vegetable	1.38	7.69	14.36	1.52	23.22	17.30	206.00	291.24	0.00	3.30	Jin X.(2004).Nitrogen transformation and gas losses in soils grown with vegetables in Nanjing suburb.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
564	32.10	118.90	vegetable	1.38	7.69	14.36	1.52	23.22	17.30	206.00	291.24	180.00	5.33	Jin X.(2004).Nitrogen transformation and gas losses in soils grown with vegetables in Nanjing suburb.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
565	32.10	118.90	vegetable	1.38	7.69	14.36	1.52	23.22	17.30	206.00	291.24	300.00	40.15	Jin X.(2004).Nitrogen transformation and gas losses in soils grown with vegetables in Nanjing suburb.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
566	32.10	118.90	vegetable	1.38	7.69	14.36	1.52	23.22	17.30	206.00	291.24	600.00	105.90	Jin X.(2004).Nitrogen transformation and gas losses in soils grown with vegetables in Nanjing suburb.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
567	28.20	116.90	vegetable	1.38	4.80	13.28	0.54	4.00	15.50	440.00	347.16	0.00	0.78	Cui J.(2007).Contribution of atmospheric nitrogen depsition to the N-balance in smooth crabgrass/winter radish rotation ecosystem on red soil upland.(in Chinese with English abstract).Master dissertation of Anhui Agricultural University(Hefei, China)
568	28.20	116.90	vegetable	1.40	4.80	13.28	0.54	4.00	15.50	440.00	347.16	70.00	1.15	Cui J.(2007).Contribution of atmospheric nitrogen depsition to the N-balance in smooth crabgrass/winter radish rotation ecosystem on red soil upland.(in Chinese with English abstract).Master dissertation of Anhui Agricultural University(Hefei, China)
569	28.20	116.90	vegetable	1.40	4.80	13.28	0.54	4.00	15.50	440.00	347.16	130.00	1.34	Cui J.(2007).Contribution of atmospheric nitrogen depsition to the N-balance in smooth crabgrass/winter radish rotation ecosystem on red soil upland.(in Chinese with English abstract).Master dissertation of Anhui Agricultural University(Hefei, China)
570	28.20	116.90	vegetable	1.40	4.80	13.28	0.54	4.00	15.50	440.00	347.16	190.00	2.17	Cui J.(2007).Contribution of atmospheric nitrogen depsition to the N-balance in smooth crabgrass/winter radish rotation ecosystem on red soil upland.(in Chinese with English abstract).Master dissertation of Anhui Agricultural University(Hefei, China)
571	28.20	116.90	vegetable	1.40	4.80	13.28	0.54	4.00	15.50	440.00	347.16	250.00	3.82	Cui J.(2007).Contribution of atmospheric nitrogen depsition to the N-balance in smooth crabgrass/winter radish rotation ecosystem on red soil upland.(in Chinese with English abstract).Master dissertation of Anhui Agricultural University(Hefei, China)
572	26.10	119.30	vegetable	1.40	5.51	17.74	1.75	40.08	23.20	751.00	543.72	0.00	38.20	Hu X.(2010).Fate of fertilizer nitrogen in vegetable field.(in Chinese with English abstract).Master dissertation of Fujian Agriculture and Forestry University(Fuzhou, China)
573	26.10	119.30	vegetable	1.40	5.51	17.74	1.75	40.08	23.20	751.00	543.72	225.00	60.60	Hu X.(2010).Fate of fertilizer nitrogen in vegetable field.(in Chinese with English abstract).Master dissertation of Fujian Agriculture and Forestry University(Fuzhou, China)
574	26.10	119.30	vegetable	1.40	5.51	17.74	1.75	40.08	23.20	751.00	543.72	450.00	87.40	Hu X.(2010).Fate of fertilizer nitrogen in vegetable field.(in Chinese with English abstract).Master dissertation of Fujian Agriculture and Forestry University(Fuzhou, China)
575	23.20	113.40	vegetable	1.40	6.99	14.36	1.45	22.13	14.20	24.00	275.03	0.00	0.30	Li D.(2007).Soil nitrc oxide emissions from forests and vegetable fields in the pearl river delta.(in Chinese with English abstract). Doctor dissertation of Guangzhou Institute of Geochemistry, Chinese Academy of Sciences (Guangzhou, China)
576	23.20	113.40	vegetable	1.39	6.99	14.36	1.45	22.13	14.20	24.00	275.03	150.00	16.64	Li D.(2007).Soil nitrc oxide emissions from forests and vegetable fields in the pearl river delta.(in Chinese with English abstract). Doctor dissertation of Guangzhou Institute of Geochemistry, Chinese Academy of Sciences (Guangzhou, China)
577	23.20	113.40	vegetable	1.39	6.99	14.36	1.45	22.13	14.20	24.00	275.03	150.00	4.88	Li D.(2007).Soil nitrc oxide emissions from forests and vegetable fields in the pearl river delta.(in Chinese with English abstract). Doctor dissertation of Guangzhou Institute of Geochemistry, Chinese Academy of Sciences (Guangzhou, China)
578	23.20	113.40	vegetable	1.39	6.99	14.36	1.45	22.13	14.20	24.00	275.03	150.00	23.08	Li D.(2007).Soil nitrc oxide emissions from forests and vegetable fields in the pearl river delta.(in Chinese with English abstract). Doctor dissertation of Guangzhou Institute of Geochemistry, Chinese Academy of Sciences (Guangzhou, China)
579	30.30	119.80	vegetable	1.39	5.45	30.29	1.67	29.60	18.80	296.00	425.04	0.00	1.11	Shan L.et al.(2015). Ammonia volatilization from a Chinese cabbage field under different nitrogen treatments in the Taihu Lake Basin, China. Journal of Environmental Sciences.38: 14-23
580	30.30	119.80	vegetable	1.48	5.45	30.29	1.67	29.60	18.80	296.00	425.04	300.00	41.60	Shan L.et al.(2015). Ammonia volatilization from a Chinese cabbage field under different nitrogen treatments in the Taihu Lake Basin, China. Journal of Environmental Sciences.38: 14-23
581	30.30	119.80	vegetable	1.48	5.45	30.29	1.67	29.60	18.80	296.00	425.04	270.00	37.90	Shan L.et al.(2015). Ammonia volatilization from a Chinese cabbage field under different nitrogen treatments in the Taihu Lake Basin, China. Journal of Environmental Sciences.38: 14-23
582	30.30	119.80	vegetable	1.48	5.45	30.29	1.67	29.60	18.80	296.00	425.04	300.00	16.30	Shan L.et al.(2015). Ammonia volatilization from a Chinese cabbage field under different nitrogen treatments in the Taihu Lake Basin, China. Journal of Environmental Sciences.38: 14-23
583	30.30	119.80	vegetable	1.38	5.45	30.29	1.67	29.60	18.80	296.00	425.04	300.00	11.70	Shan L.et al.(2015). Ammonia volatilization from a Chinese cabbage field under different nitrogen treatments in the Taihu Lake Basin, China. Journal of Environmental Sciences.38: 14-23
584	30.30	119.80	vegetable	1.38	5.45	30.29	1.67	29.60	18.80	296.00	425.04	300.00	9.33	Shan L.et al.(2015). Ammonia volatilization from a Chinese cabbage field under different nitrogen treatments in the Taihu Lake Basin, China. Journal of Environmental Sciences.38: 14-23
585	39.40	116.21	vegetable	1.25	7.75	9.06	11.85	26.67	16.51	142.80	373.20	0.00	23.92	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
586	39.40	116.21	vegetable	1.25	7.75	9.06	11.85	26.67	16.51	142.80	373.20	401.00	28.82	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
587	39.40	116.21	vegetable	1.25	7.75	9.06	11.85	26.67	16.51	142.80	373.20	602.00	35.23	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
588	39.40	116.21	vegetable	1.25	7.75	9.06	11.85	26.67	16.51	142.80	373.20	0.00	22.98	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
589	39.40	116.21	vegetable	1.34	7.75	9.06	11.85	26.67	16.51	142.80	373.20	401.00	27.42	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
590	39.40	116.21	vegetable	1.34	7.75	9.06	11.85	26.67	16.51	142.80	373.20	602.00	31.97	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
591	39.40	116.21	vegetable	1.34	7.75	9.06	11.85	26.67	16.51	107.10	279.90	0.00	54.89	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
592	39.40	116.21	vegetable	1.34	7.75	9.06	11.85	26.67	16.51	107.10	279.90	323.00	68.41	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
593	39.40	116.21	vegetable	1.34	7.75	9.06	11.85	26.67	16.51	107.10	279.90	484.00	72.65	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
594	39.40	116.21	vegetable	1.34	7.75	9.06	11.85	26.67	16.51	107.10	279.90	0.00	52.23	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
595	39.40	116.21	vegetable	1.34	7.75	9.06	11.85	26.67	16.51	107.10	279.90	323.00	66.55	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
596	39.40	116.21	vegetable	1.34	7.75	9.06	11.85	26.67	16.51	107.10	279.90	484.00	72.39	Zhao F.(2011).Effects of different biogas fertilizers on the yield, quality of the vegetables and environment.(in Chinese with English abstract).Master dissertation of Shandong Agricultural University(Taian, China)
597	30.08	104.57	vegetable	1.29	7.91	26.44	0.55	22.53	13.86	175.00	357.14	0.00	1.29	Luo F.et al.(2018).Effect of nitrogen rates on cabbage yield and ammoniavolatilization in purple soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizers.24(3):685-692
598	30.08	104.57	vegetable	1.42	7.91	26.44	0.55	22.53	13.86	175.00	357.14	112.50	5.40	Luo F.et al.(2018).Effect of nitrogen rates on cabbage yield and ammoniavolatilization in purple soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizers.24(3):685-692
599	30.08	104.57	vegetable	1.42	7.91	26.44	0.55	22.53	13.86	175.00	357.14	150.00	7.53	Luo F.et al.(2018).Effect of nitrogen rates on cabbage yield and ammoniavolatilization in purple soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizers.24(3):685-692
600	30.08	104.57	vegetable	1.42	7.91	26.44	0.55	22.53	13.86	175.00	357.14	187.50	9.81	Luo F.et al.(2018).Effect of nitrogen rates on cabbage yield and ammoniavolatilization in purple soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizers.24(3):685-692
601	30.08	104.57	vegetable	1.42	7.91	26.44	0.55	22.53	13.86	175.00	357.14	225.00	19.11	Luo F.et al.(2018).Effect of nitrogen rates on cabbage yield and ammoniavolatilization in purple soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizers.24(3):685-692
602	30.08	104.57	vegetable	1.42	7.91	26.44	0.55	22.53	13.86	175.00	357.14	300.00	19.03	Luo F.et al.(2018).Effect of nitrogen rates on cabbage yield and ammoniavolatilization in purple soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizers.24(3):685-692
603	30.08	104.57	vegetable	1.42	7.91	26.44	0.55	22.53	18.35	358.68	505.54	0.00	3.25	Luo F.et al.(2018).Effect of nitrogen rates on cabbage yield and ammoniavolatilization in purple soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizers.24(3):685-692
604	30.08	104.57	vegetable	1.42	7.91	26.44	0.55	22.53	18.35	358.68	505.54	112.50	7.66	Luo F.et al.(2018).Effect of nitrogen rates on cabbage yield and ammoniavolatilization in purple soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizers.24(3):685-692

605	30.08	104.57	vegetable	1.42	7.91	26.44	0.55	22.53	18.35	358.68	505.54	150.00	12.10	Luo F.et al.(2018).Effect of nitrogen rates on cabbage yield and ammoniavolatilization in purple soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizers.24(3):685-692
606	30.08	104.57	vegetable	1.42	7.91	26.44	0.55	22.53	18.35	358.68	505.54	187.50	12.59	Luo F.et al.(2018).Effect of nitrogen rates on cabbage yield and ammoniavolatilization in purple soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizers.24(3):685-692
607	30.08	104.57	vegetable	1.42	7.91	26.44	0.55	22.53	18.35	358.68	505.54	225.00	17.85	Luo F.et al.(2018).Effect of nitrogen rates on cabbage yield and ammoniavolatilization in purple soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizers.24(3):685-692
608	30.08	104.57	vegetable	1.39	7.91	26.44	0.55	22.53	18.35	358.68	505.54	300.00	26.41	Luo F.et al.(2018).Effect of nitrogen rates on cabbage yield and ammoniavolatilization in purple soil.(in Chinese with English abstract). Chinese Journal of Plant Nutrition and Fertilizers.24(3):685-692
609	40.20	116.90	vegetable	1.39	7.10	10.54	0.88	16.70	17.30	72.84	341.88	0.00	7.79	Ma X.et al.(2017).Ammonia emission from outdoor cabbage soil in Beijing area based on different nitrogen application rate.(in Chinese with English abstract). Chinese Journal of Northern Hprticulture.(13):140-147
610	40.20	116.90	vegetable	1.39	7.10	10.54	0.88	16.70	17.30	72.84	341.88	168.75	17.18	Ma X.et al.(2017).Ammonia emission from outdoor cabbage soil in Beijing area based on different nitrogen application rate.(in Chinese with English abstract). Chinese Journal of Northern Hprticulture.(13):140-147
611	40.20	116.90	vegetable	1.39	7.10	10.54	0.88	16.70	17.30	72.84	341.88	225.00	20.95	Ma X.et al.(2017).Ammonia emission from outdoor cabbage soil in Beijing area based on different nitrogen application rate.(in Chinese with English abstract). Chinese Journal of Northern Hprticulture.(13):140-147
612	40.20	116.90	vegetable	1.39	7.10	10.54	0.88	16.70	17.30	72.84	341.88	281.25	24.54	Ma X.et al.(2017).Ammonia emission from outdoor cabbage soil in Beijing area based on different nitrogen application rate.(in Chinese with English abstract). Chinese Journal of Northern Hprticulture.(13):140-147
613	40.20	116.90	vegetable	1.39	7.10	10.54	0.88	16.70	17.30	72.84	341.88	337.50	28.30	Ma X.et al.(2017).Ammonia emission from outdoor cabbage soil in Beijing area based on different nitrogen application rate.(in Chinese with English abstract). Chinese Journal of Northern Hprticulture.(13):140-147
614	40.20	116.90	vegetable	1.39	7.10	10.54	0.88	16.70	17.30	72.84	341.88	450.00	29.32	Ma X.et al.(2017).Ammonia emission from outdoor cabbage soil in Beijing area based on different nitrogen application rate.(in Chinese with English abstract). Chinese Journal of Northern Hprticulture.(13):140-147
615	40.20	116.90	vegetable	1.39	7.10	10.54	0.88	16.70	17.30	72.84	341.88	323.00	22.05	Ma X.et al.(2017).Ammonia emission from outdoor cabbage soil in Beijing area based on different nitrogen application rate.(in Chinese with English abstract). Chinese Journal of Northern Hprticulture.(13):140-147
616	30.36	119.91	vegetable	1.29	5.45	14.36	1.67	22.80	16.40	369.84	386.08	0.00	1.38	Shan L.(2015).Nitrogen non-point source pollution of vegetable field under different fertilizer treatments and its ecological interceot control.(in Chinese with English abstract). Doctor dissertation of Zhejiang University (Hangzhou, China)
617	30.36	119.91	vegetable	1.29	5.45	14.36	1.67	22.80	16.40	369.84	386.08	300.00	49.35	Shan L.(2015).Nitrogen non-point source pollution of vegetable field under different fertilizer treatments and its ecological interceot control.(in Chinese with English abstract). Doctor dissertation of Zhejiang University (Hangzhou, China)
618	30.36	119.91	vegetable	1.29	5.45	14.36	1.67	22.80	16.40	369.84	386.08	300.00	41.59	Shan L.(2015).Nitrogen non-point source pollution of vegetable field under different fertilizer treatments and its ecological interceot control.(in Chinese with English abstract). Doctor dissertation of Zhejiang University (Hangzhou, China)
619	30.36	119.91	vegetable	1.29	5.45	14.36	1.67	22.80	16.40	369.84	386.08	300.00	37.54	Shan L.(2015).Nitrogen non-point source pollution of vegetable field under different fertilizer treatments and its ecological interceot control.(in Chinese with English abstract). Doctor dissertation of Zhejiang University (Hangzhou, China)
620	30.36	119.91	vegetable	1.29	5.45	14.36	1.67	22.80	16.40	369.84	386.08	300.00	16.13	Shan L.(2015).Nitrogen non-point source pollution of vegetable field under different fertilizer treatments and its ecological interceot control.(in Chinese with English abstract). Doctor dissertation of Zhejiang University (Hangzhou, China)
621	30.36	119.91	vegetable	1.29	5.45	14.36	1.67	22.80	16.40	369.84	386.08	300.00	11.49	Shan L.(2015).Nitrogen non-point source pollution of vegetable field under different fertilizer treatments and its ecological interceot control.(in Chinese with English abstract). Doctor dissertation of Zhejiang University (Hangzhou, China)
622	30.36	119.91	vegetable	1.29	5.45	14.36	1.67	22.80	16.40	369.84	386.08	300.00	8.85	Shan L.(2015).Nitrogen non-point source pollution of vegetable field under different fertilizer treatments and its ecological interceot control.(in Chinese with English abstract). Doctor dissertation of Zhejiang University (Hangzhou, China)
623	38.30	115.50	vegetable	1.35	7.60	9.06	1.55	13.47	12.77	255.75	435.60	0.00	6.59	WU Q.(2011).Studies on the major of nitrogen loss in the protected soil under different nitrogen fertilization and irrigation strateies during tomato growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural
624	38.30	115.50	vegetable	1.35	7.60	9.06	1.55	13.47	12.77	255.75	435.60	675.00	17.47	WU Q.(2011).Studies on the major of nitrogen loss in the protected soil under different nitrogen fertilization and irrigation strateies during tomato growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural
625	38.30	115.50	vegetable	1.35	7.60	9.06	1.55	13.47	12.77	255.75	435.60	900.00	20.87	WU Q.(2011).Studies on the major of nitrogen loss in the protected soil under different nitrogen fertilization and irrigation strateies during tomato growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural
626	38.30	115.50	vegetable	1.35	7.60	9.06	1.55	13.47	12.77	255.75	435.60	0.00	6.39	WU Q.(2011).Studies on the major of nitrogen loss in the protected soil under different nitrogen fertilization and irrigation strateies during tomato growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural
627	38.30	115.50	vegetable	1.35	7.60	9.06	1.55	13.47	12.77	255.75	435.60	675.00	17.63	WU Q.(2011).Studies on the major of nitrogen loss in the protected soil under different nitrogen fertilization and irrigation strateies during tomato growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural
628	38.30	115.50	vegetable	1.35	7.60	9.06	1.55	13.47	12.77	255.75	435.60	900.00	21.36	WU Q.(2011).Studies on the major of nitrogen loss in the protected soil under different nitrogen fertilization and irrigation strateies during tomato growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural
629	38.30	115.50	vegetable	1.35	8.30	9.06	1.55	11.00	12.77	255.75	435.60	0.00	11.40	Li Y.(2010).Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
630	38.30	115.50	vegetable	1.35	8.30	9.06	1.55	11.00	12.77	255.75	435.60	900.00	20.10	Li Y.(2010).Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
631	38.30	115.50	vegetable	1.35	8.30	9.06	1.55	11.00	12.77	255.75	435.60	1200.00	25.40	Li Y.(2010).Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
632	38.30	115.50	vegetable	1.35	8.30	9.06	1.55	11.00	12.77	255.75	435.60	600.00	16.70	Li Y.(2010).Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
633	38.30	115.50	vegetable	1.35	8.30	9.06	1.55	11.00	12.77	255.75	435.60	900.00	20.70	Li Y.(2010).Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
634	38.30	115.50	vegetable	1.35	8.30	9.06	1.55	11.00	12.77	255.75	435.60	1200.00	26.60	Li Y.(2010).Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season.(in Chinese with English abstract).Master dissertation of Chinese Academy of Agricultural Sciences(Beijing, China)
635	39.40	116.50	vegetable	1.30	8.10	9.06	0.89	9.00	22.72	448.20	900.90	0.00	1.13	Zhang L.et al.(2015).Effects of dicyandiamide on nitrogen loss from cucumber planting soil in intensive greenhouse under different irrigation and nitrogen conditions.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.21(01):128-137
636	39.40	116.50	vegetable	1.30	8.10	9.06	0.89	9.00	22.72	448.20	900.90	988.60	3.09	Zhang L.et al.(2015).Effects of dicyandiamide on nitrogen loss from cucumber planting soil in intensive greenhouse under different irrigation and nitrogen conditions.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.21(01):128-137
637	39.40	116.50	vegetable	1.30	8.10	9.06	0.89	9.00	22.72	448.20	900.90	709.40	1.73	Zhang L.et al.(2015).Effects of dicyandiamide on nitrogen loss from cucumber planting soil in intensive greenhouse under different irrigation and nitrogen conditions.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.21(01):128-137
638	39.40	116.50	vegetable	1.30	8.10	9.06	0.89	9.00	22.72	448.20	900.90	746.90	1.71	Zhang L.et al.(2015).Effects of dicyandiamide on nitrogen loss from cucumber planting soil in intensive greenhouse under different irrigation and nitrogen conditions.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.21(01):128-137
639	39.40	116.50	vegetable	1.30	8.10	9.06	0.89	9.00	22.72	448.20	900.90	709.40	2.56	Zhang L.et al.(2015).Effects of dicyandiamide on nitrogen loss from cucumber planting soil in intensive greenhouse under different irrigation and nitrogen conditions.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.21(01):128-137
640	39.40	116.50	vegetable	1.30	8.10	9.06	0.89	9.00	22.72	448.20	900.90	746.90	1.87	Zhang L.et al.(2015).Effects of dicyandiamide on nitrogen loss from cucumber planting soil in intensive greenhouse under different irrigation and nitrogen conditions.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.21(01):128-137
641	38.71	115.45	vegetable	1.39	8.40	9.06	1.50	11.33	24.09	213.98	384.60	0.00	23.50	Zheng L.et al.(2018).Impact of fertilization on ammonia volatilization and N2O emissions in an open vegetable field.(in Chinese with English abstract).Chinese Journal of Applied Ecology.29(12):4063-4070
642	38.71	115.45	vegetable	1.39	8.40	9.06	1.50	11.33	24.09	213.98	384.60	390.00	65.10	Zheng L.et al.(2018).Impact of fertilization on ammonia volatilization and N2O emissions in an open vegetable field.(in Chinese with English abstract).Chinese Journal of Applied Ecology.29(12):4063-4070
643	38.71	115.45	vegetable	1.39	8.40	9.06	1.50	11.33	24.09	213.98	384.60	624.00	93.00	Zheng L.et al.(2018).Impact of fertilization on ammonia volatilization and N2O emissions in an open vegetable field.(in Chinese with English abstract).Chinese Journal of Applied Ecology.29(12):4063-4070
644	38.71	115.45	vegetable	1.39	8.40	9.06	1.50	11.33	24.09	213.98	384.60	780.00	125.20	Zheng L.et al.(2018).Impact of fertilization on ammonia volatilization and N2O emissions in an open vegetable field.(in Chinese with English abstract).Chinese Journal of Applied Ecology.29(12):4063-4070
645	38.71	115.45	vegetable	1.39	8.40	9.06	1.50	11.33	24.09	213.98	384.60	624.00	94.00	Zheng L.et al.(2018).Impact of fertilization on ammonia volatilization and N2O emissions in an open vegetable field.(in Chinese with English abstract).Chinese Journal of Applied Ecology.29(12):4063-4070
646	38.71	115.45	vegetable	1.39	8.40	9.06	1.50	11.33	24.09	213.98	384.60	624.00	83.70	Zheng L.et al.(2018).Impact of fertilization on ammonia volatilization and N2O emissions in an open vegetable field.(in Chinese with English abstract).Chinese Journal of Applied Ecology.29(12):4063-4070
647	38.71	115.45	vegetable	1.39	8.40	9.06	1.50	11.33	24.09	213.98	384.60	624.00	87.30	Zheng L.et al.(2018).Impact of fertilization on ammonia volatilization and N2O emissions in an open vegetable field.(in Chinese with English abstract).Chinese Journal of Applied Ecology.29(12):4063-4070
648	31.30	119.80	vegetable	1.39	6.20	14.36	1.60	17.33	29.27	225.12	131.67	0.00	0.15	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
649	31.30	119.80	vegetable	1.39	6.20	14.36	1.60	17.33	29.27	225.12	131.67	300.00	0.59	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
650	31.30	119.80	vegetable	1.39	6.20	14.36	1.60	17.33	29.27	225.12	131.67	300.00	0.37	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
651	31.30	119.80	vegetable	1.39	6.20	14.36	1.60	17.33	29.27	225.12	131.67	300.00	0.24	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
652	31.30	119.80	vegetable	1.39	6.20	14.36	1.60	17.33	29.27	225.12	131.67	300.00	0.21	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
653	31.30	119.80	vegetable	1.39	6.20	14.36	1.60	17.33	29.27	225.12	131.67	0.00	0.18	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
654	31.30	119.80	vegetable	1.39	6.20	14.36	1.60	17.33	29.27	225.12	131.67	300.00	0.77	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
655	31.30	119.80	vegetable	1.39	6.20	14.36	1.60	17.33	29.27	225.12	131.67	300.00	0.55	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
656	31.30	119.80	vegetable	1.39	6.20	14.36	1.60	17.33	29.27	225.12	131.67	300.00	0.36	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
657	31.30	119.80	vegetable	1.39	6.20	14.36	1.60	17.33	29.27	225.12	131.67	300.00	0.28	Zhao L.(2013).Effect of biogas slurry application on the growth and quality of oenanthe javanica and ammonia volatilization from soils.(in Chinese with English abstract).Master dissertation of Nanjing Agricultural University(Nanjing, China)
658	37.80	115.50	vegetable	1.35	8.30	6.26	1.55	11.00	13.65	89.27	764.94	0.00	11.40	Li Y.et al.(2016).Effects of irrigation and nitrogen application on ammonia volatilization loss from vegetable fields under greenhouse cultivation.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.22(4):949-957
659	37.80	115.50	vegetable	1.35	8.30	6.26	1.55	11.00	13.65	89.27	764.94	900.00	20.10	Li Y.et al.(2016).Effects of irrigation and nitrogen application on ammonia volatilization loss from vegetable fields under greenhouse cultivation.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.22(4):949-957
660	37.80	115.50	vegetable	1.35	8.30	6.26	1.55	11.00	13.65	89.27	764.94	1200.00	25.40	Li Y.et al.(2016).Effects of irrigation and nitrogen application on ammonia volatilization loss from vegetable fields under greenhouse cultivation.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.22(4):949-957
661	37.80	115.50	vegetable	1.35	8.30	6.26	1.55	11.00	13.65	89.27	764.94	0.00	11.40	Li Y.et al.(2016).Effects of irrigation and nitrogen application on ammonia volatilization loss from vegetable fields under greenhouse cultivation.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.22(4):949-957
662	37.80	115.50	vegetable	1.35	8.30	6.26	1.55	11.00	13.65	89.27	764.94	900.00	20.70	Li Y.et al.(2016).Effects of irrigation and nitrogen application on ammonia volatilization loss from vegetable fields under greenhouse cultivation.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.22(4):949-957
663	37.80	115.50	vegetable	1.35	8.30	6.26	1.55	11.00	13.65	89.27	764.94	1200.00	26.60	Li Y.et al.(2016).Effects of irrigation and nitrogen application on ammonia volatilization loss from vegetable fields under greenhouse cultivation.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.22(4):949-957
664	37.80	115.50	vegetable	1.35	8.30	6.26	1.55	11.00	12.77	313.88	534.60	0.00	6.59	Li Y.et al.(2016).Effects of irrigation and nitrogen application on ammonia volatilization loss from vegetable fields under greenhouse cultivation.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.22(4):949-957
665	37.80	115.50	vegetable	1.35	8.30	6.26	1.55	11.00	12.77	313.88	534.60	675.00	17.30	Li Y.et al.(2016).Effects of irrigation and nitrogen application on ammonia volatilization loss from vegetable fields under greenhouse cultivation.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.22(4):949-957
666	37.80	115.50	vegetable	1.35	8.30	6.26	1.55	11.00	12.77	313.88	534.60	900.00	21.00	Li Y.et al.(2016).Effects of irrigation and nitrogen application on ammonia volatilization loss from vegetable fields under greenhouse cultivation.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.22(4):949-957
667	37.80	115.50	vegetable	1.35	8.30	6.26	1.55	11.00	12.77	313.88	534.60	0.00	6.36	Li Y.et al.(2016).Effects of irrigation and nitrogen application on ammonia volatilization loss from vegetable fields under greenhouse cultivation.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.22(4):949-957
668	37.80	115.50	vegetable	1.35	8.30	6.26	1.55	11.00	12.77	313.88	534.60	675.00	7.70	Li Y.et al.(2016).Effects of irrigation and nitrogen application on ammonia volatilization loss from vegetable fields under greenhouse cultivation.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.22(4):949-957
669	37.80	115.50	vegetable	1.35	8.30	6.26	1.55	11.00	12.77	313.88	534.60	900.00	21.50	Li Y.et al.(2016).Effects of irrigation and nitrogen application on ammonia volatilization loss from vegetable fields under greenhouse cultivation.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.22(4):949-957
670	38.30	116.80	vegetable	0.01	7.77	9.06	1.05	0.19	21.55	282.12	843.60	0.00	7.15	Guo Y.(2012).Study on regulation rules of a nitrification inhibitor dicyandiamide(DCD) on fertilizer nitrogen losses from a greenhouse vegetable soil.(in Chinese with English abstract).Doctor dissertation of Hebei Agricultural University(Baoding, China)
671	38.30	116.80	vegetable	0.01	7.77	9.06	1.05	0.19	21.55	282.12	843.60	410.00	14.79	Guo Y.(2012).Study on regulation rules of a nitrification inhibitor dicyandiamide(DCD) on fertilizer nitrogen losses from a greenhouse vegetable soil.(in Chinese with English abstract).Doctor dissertation of Hebei Agricultural University(Baoding, China)
672	38.30	116.80	vegetable	0.01	7.77	9.06	1.05	0.19	21.55	282.12	843.60	210.00	12.53	Guo Y.(2012).Study on regulation rules of a nitrification inhibitor dicyandiamide(DCD) on fertilizer nitrogen losses from a greenhouse vegetable soil.(in Chinese with English abstract).Doctor dissertation of Hebei Agricultural University(Baoding, China)
673	38.30	116.80	vegetable	0.01	7.77	9.06	1.05	0.19	21.55	282.12	843.60	168.00	11.62	Guo Y.(2012).Study on regulation rules of a nitrification inhibitor dicyandiamide(DCD) on fertilizer nitrogen losses from a greenhouse vegetable soil.(in Chinese with English abstract).Doctor dissertation of Hebei Agricultural University(Baoding, China)
674	38.30	116.80	vegetable	0.01	7.77	9.06	1.05	0.19	21.55	282.12	843.60	252.00	13.22	Guo Y.(2012).Study on regulation rules of a nitrification inhibitor dicyandiamide(DCD) on fertilizer nitrogen losses from a greenhouse vegetable soil.(in Chinese with English abstract).Doctor dissertation of Hebei Agricultural University(Baoding, China)
675	39.20	116.40	vegetable	1.39	8.30	9.06	0.73	18.00	3.69	24.80	422.53	0.00	1.27	Li Y.(2015).Effect of nitrogen fertilizer with DCD application on leaching of nitrogen and nitrous oxide emmissions and ammonia volatilizaiton in tomato greenhouse.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baoding, China)
676	39.20	116.40	vegetable	1.39	8.30	9.06	0.73	18.00	3.69	24.80	422.53	600.00	2.64	Li Y.(2015).Effect of nitrogen fertilizer with DCD application on leaching of nitrogen and nitrous oxide emmissions and ammonia volatilizaiton in tomato greenhouse.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baoding, China)
677	39.20	116.40	vegetable	1.39	8.30	9.06	0.73	18.00	3.69	24.80	422.53	600.00	2.21	Li Y.(2015).Effect of nitrogen fertilizer with DCD application on leaching of nitrogen and nitrous oxide emmissions and ammonia volatilizaiton in tomato greenhouse.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baoding, China)
678	39.20	116.40	vegetable	1.39	8.30	9.06	0.73	18.00	3.69	24.80	422.53	300.00	1.69	Li Y.(2015).Effect of nitrogen fertilizer with DCD application on leaching of nitrogen and nitrous oxide emmissions and ammonia volatilizaiton in tomato greenhouse.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baoding, China)
679	39.20	116.40	vegetable	1.39	8.30	9.06	0.73	18.00	3.69	24.80	422.53	300.00	1.39	Li Y.(2015).Effect of nitrogen fertilizer with DCD application on leaching of nitrogen and nitrous oxide emmissions and ammonia volatilizaiton in tomato greenhouse.(in Chinese with English abstract).Master dissertation of Hebei Agricultural University(Baoding, China)
680	38.40	106.30	vegetable	1.39	8.25	11.40	0.75	22.64	20.02	55.08	253.02	0.00	5.15	Luo J.et al.(2015).Effects of different combined applications of organic-inorganic fertilizers on soil ammonia volatilization in open vegetable field of the Yellow River Irrigation region in Ningxia.(in Chinese with English abstract).Chinese Journal of Agricultural Research in the Arid Areas.33
681	38.40	106.30	vegetable	1.39	8.25	11.40	0.75	22.64	20.02	55.08	253.02	114.00	10.33	Luo J.et al.(2015).Effects of different combined applications of organic-inorganic fertilizers on soil ammonia volatilization in open vegetable field of the Yellow River Irrigation region in Ningxia.(in Chinese with English abstract).Chinese Journal of Agricultural Research in the Arid Areas.33
682	38.40	106.30	vegetable	1.39	8.25	11.40	0.75	22.64	20.02	55.08	253.02	339.00	18.78	Luo J.et al.(2015).Effects of different combined applications of organic-inorganic fertilizers on soil ammonia volatilization in open vegetable field of the Yellow River Irrigation region in Ningxia.(in Chinese with English abstract).Chinese Journal of Agricultural Research in the Arid Areas.33
683	38.40	106.30	vegetable	1.39	8.25	11.40	0.75	22.64	20.02	55.08	253.02	414.00	25.15	Luo J.et al.(2015).Effects of different combined applications of organic-inorganic fertilizers on soil ammonia volatilization in open vegetable field of the Yellow River Irrigation region in Ningxia.(in Chinese with English abstract).Chinese Journal of Agricultural Research in the Arid Areas.33
684	38.40	106.30	vegetable	1.39	8.25	11.40	0.75	22.64	20.02	55.08	253.02	489.00	28.98	Luo J.et al.(2015).Effects of different combined applications of organic-inorganic fertilizers on soil ammonia volatilization in open vegetable field of the Yellow River Irrigation region in Ningxia.(in Chinese with English abstract).Chinese Journal of Agricultural Research in the Arid Areas.33
685	38.40	106.30	vegetable	1.39	8.25	11.40	0.75	22.64	20.02	55.08	253.02	564.00	31.73	Luo J.et al.(2015).Effects of different combined applications of organic-inorganic fertilizers on soil ammonia volatilization in open vegetable field of the Yellow River Irrigation region in Ningxia.(in Chinese with English abstract).Chinese Journal of Agricultural Research in the Arid Areas.33
686	38.40	106.30	vegetable	1.39	8.25	11.40	0.75	22.64	20.02	55.08	253.02	714.00	35.82	Luo J.et al.(2015).Effects of different combined applications of organic-inorganic fertilizers on soil ammonia volatilization in open vegetable field of the Yellow River Irrigation region in Ningxia.(in Chinese with English abstract).Chinese Journal of Agricultural Research in the Arid Areas.33
687	38.40	106.30	vegetable	1.39	8.25	11.40	0.75	22.64	20.02	55.08	253.02	300.00	17.75	Luo J.et al.(2015).Effects of different combined applications of organic-inorganic fertilizers on soil ammonia volatilization in open vegetable field of the Yellow River Irrigation region in Ningxia.(in Chinese with English abstract).Chinese Journal of Agricultural Research in the Arid Areas.33
688	24.60	102.50	vegetable	1.14	6.10	19.30	2.12	23.58	19.43	426.30	671.70	0.00	0.09	Xia T.(2011).The distribution pattern of nitrogen in farmland ecosystem under intensive management and responses of crop functional traits in Dianchi basin.(in Chinese with English abstract).Doctor dissertation of East China Normal University (Shanghai, China)
689	24.60	102.50	vegetable	1.14	6.10	19.30	2.12	23.58	19.43	426.30	671.70	450.00	0.36	Xia T.(2011).The distribution pattern of nitrogen in farmland ecosystem under intensive management and responses of crop functional traits in Dianchi basin.(in Chinese with English abstract).Doctor dissertation of East China Normal University (Shanghai, China)
690	24.60	102.50	vegetable	1.14	6.10	19.30	2.12	23.58	19.43	426.30	671.70	1200.00	0.72	Xia T.(2011).The distribution pattern of nitrogen in farmland ecosystem under intensive management and responses of crop functional traits in Dianchi basin.(in Chinese with English abstract).Doctor dissertation of East China Normal University (Shanghai, China)
691	24.60	102.50	vegetable	1.14	6.10	19.30	2.12	23.58	19.43	426.30	671.70	0.00	0.14	Xia T.(2011).The distribution pattern of nitrogen in farmland ecosystem under intensive management and responses of crop functional traits in Dianchi basin.(in Chinese with English abstract).Doctor dissertation of East China Normal University (Shanghai, China)

692	24.60	102.50	vegetable	1.11	6.10	19.30	17.30	23.58	19.43	426.30	671.70	450.00	8.83	Xia T.(2011).The distribution pattern of nitrogen in farmland ecosystem under intensive management and responses of crop functional traits in Dianchi basin.(in Chinese with English abstract).Doctor dissertation of East China Normal University (Shanghai, China)
693	24.60	102.50	vegetable	1.11	6.10	19.30	17.30	23.58	19.43	426.30	671.70	1200.00	23.44	Xia T.(2011).The distribution pattern of nitrogen in farmland ecosystem under intensive management and responses of crop functional traits in Dianchi basin.(in Chinese with English abstract).Doctor dissertation of East China Normal University (Shanghai, China)
694	30.50	114.30	vegetable	1.39	6.50	15.30	1.69	32.00	14.92	158.37	118.29	0.00	0.65	Wang Q.et al.(2016).Effect of soil ammonia volatilization of different nitrogen treatments on seed germination and early seeding growth of the radish.(in Chinese with English abstract).Chinese Journal of Northern Horticulture.(16):22-27
695	30.50	114.30	vegetable	1.39	6.50	15.30	1.69	32.00	14.92	158.37	118.29	60.00	22.72	Wang Q.et al.(2016).Effect of soil ammonia volatilization of different nitrogen treatments on seed germination and early seeding growth of the radish.(in Chinese with English abstract).Chinese Journal of Northern Horticulture.(16):22-27
696	30.50	114.30	vegetable	1.39	6.50	15.30	1.69	32.00	14.92	158.37	118.29	120.00	123.98	Wang Q.et al.(2016).Effect of soil ammonia volatilization of different nitrogen treatments on seed germination and early seeding growth of the radish.(in Chinese with English abstract).Chinese Journal of Northern Horticulture.(16):22-27
697	30.50	114.30	vegetable	1.39	6.50	15.30	1.69	32.00	14.92	158.37	118.29	60.00	17.53	Wang Q.et al.(2016).Effect of soil ammonia volatilization of different nitrogen treatments on seed germination and early seeding growth of the radish.(in Chinese with English abstract).Chinese Journal of Northern Horticulture.(16):22-27
698	30.50	114.30	vegetable	1.39	6.50	15.30	1.69	32.00	14.92	158.37	118.29	120.00	78.91	Wang Q.et al.(2016).Effect of soil ammonia volatilization of different nitrogen treatments on seed germination and early seeding growth of the radish.(in Chinese with English abstract).Chinese Journal of Northern Horticulture.(16):22-27
699	30.50	114.30	vegetable	1.39	6.50	15.30	1.69	32.00	14.92	158.37	118.29	0.00	0.65	Wang Q.et al.(2016).Effect of soil ammonia volatilization of different nitrogen treatments on seed germination and early seeding growth of the radish.(in Chinese with English abstract).Chinese Journal of Northern Horticulture.(16):22-27
700	30.50	114.30	vegetable	1.39	6.50	15.30	1.69	32.00	14.92	158.37	118.29	60.00	25.31	Wang Q.et al.(2016).Effect of soil ammonia volatilization of different nitrogen treatments on seed germination and early seeding growth of the radish.(in Chinese with English abstract).Chinese Journal of Northern Horticulture.(16):22-27
701	30.50	114.30	vegetable	1.39	6.50	15.30	1.69	32.00	14.92	158.37	118.29	120.00	102.56	Wang Q.et al.(2016).Effect of soil ammonia volatilization of different nitrogen treatments on seed germination and early seeding growth of the radish.(in Chinese with English abstract).Chinese Journal of Northern Horticulture.(16):22-27
702	30.50	114.30	vegetable	1.39	6.50	15.30	1.69	32.00	14.92	158.37	118.29	60.00	11.03	Wang Q.et al.(2016).Effect of soil ammonia volatilization of different nitrogen treatments on seed germination and early seeding growth of the radish.(in Chinese with English abstract).Chinese Journal of Northern Horticulture.(16):22-27
703	30.50	114.30	vegetable	1.39	6.50	15.30	1.69	32.00	14.92	158.37	118.29	120.00	90.87	Wang Q.et al.(2016).Effect of soil ammonia volatilization of different nitrogen treatments on seed germination and early seeding growth of the radish.(in Chinese with English abstract).Chinese Journal of Northern Horticulture.(16):22-27
704	24.50	102.60	others	1.50	6.34	19.30	0.53	23.58	13.10	200.00	462.12	0.00	25.26	Wu T.et al.(2015).Effect of different nitrogen fertilizer amount on soil ammonia volatilization and crop yield at vegetables field in Chaihe basin of Dianchi lake.(in Chinese with English abstract).Chinese Journal of Modern Agricultural Technology.(03):20
705	24.50	102.60	others	1.50	6.34	19.30	0.53	23.58	13.10	200.00	462.12	300.00	78.05	Wu T.et al.(2015).Effect of different nitrogen fertilizer amount on soil ammonia volatilization and crop yield at vegetables field in Chaihe basin of Dianchi lake.(in Chinese with English abstract).Chinese Journal of Modern Agricultural Technology.(03):20
706	24.50	102.60	others	1.50	6.34	19.30	0.53	23.58	13.10	200.00	462.12	240.00	70.03	Wu T.et al.(2015).Effect of different nitrogen fertilizer amount on soil ammonia volatilization and crop yield at vegetables field in Chaihe basin of Dianchi lake.(in Chinese with English abstract).Chinese Journal of Modern Agricultural Technology.(03):20
707	24.50	102.60	others	1.35	6.34	19.30	0.53	23.58	13.10	200.00	462.12	210.00	61.12	Wu T.et al.(2015).Effect of different nitrogen fertilizer amount on soil ammonia volatilization and crop yield at vegetables field in Chaihe basin of Dianchi lake.(in Chinese with English abstract).Chinese Journal of Modern Agricultural Technology.(03):20
708	38.20	116.10	others	1.40	8.20	9.06	0.90	19.20	21.55	282.12	843.60	0.00	7.15	Guo Y.et al.(2012). Effects of dicyandiamide (DCD) on nitrate leaching, gaseous emissions of ammonia and nitrous oxide in a greenhouse vegetable production system in northern China. Soil science and plant nutrition.58(5): 647-658.
709	38.20	116.10	others	1.40	8.20	9.06	0.90	19.20	21.55	282.12	843.60	410.00	14.79	Guo Y.et al.(2012). Effects of dicyandiamide (DCD) on nitrate leaching, gaseous emissions of ammonia and nitrous oxide in a greenhouse vegetable production system in northern China. Soil science and plant nutrition.58(5): 647-658.
710	38.20	116.10	others	1.40	8.20	9.06	0.90	19.20	21.55	282.12	843.60	210.00	12.53	Guo Y.et al.(2012). Effects of dicyandiamide (DCD) on nitrate leaching, gaseous emissions of ammonia and nitrous oxide in a greenhouse vegetable production system in northern China. Soil science and plant nutrition.58(5): 647-658.
711	38.20	116.10	others	1.38	8.20	9.06	0.90	19.20	21.55	282.12	843.60	168.00	11.62	Guo Y.et al.(2012). Effects of dicyandiamide (DCD) on nitrate leaching, gaseous emissions of ammonia and nitrous oxide in a greenhouse vegetable production system in northern China. Soil science and plant nutrition.58(5): 647-658.
712	38.20	116.10	others	1.38	8.20	9.06	0.90	19.20	21.55	282.12	843.60	225.00	13.22	Guo Y.et al.(2012). Effects of dicyandiamide (DCD) on nitrate leaching, gaseous emissions of ammonia and nitrous oxide in a greenhouse vegetable production system in northern China. Soil science and plant nutrition.58(5): 647-658.
713	40.78	110.51	others	1.39	8.20	11.61	1.03	21.04	15.79	253.92	573.72	0.00	2.47	Wan W.et al.(2018).Effects of nitrogen rate and urease inhibitor on N2O emission and NH3 volatilization in drip irrigated potato fields.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.24(03):693-702
714	40.78	110.51	others	1.39	8.20	11.61	1.03	21.04	15.79	253.92	573.72	180.00	2.66	Wan W.et al.(2018).Effects of nitrogen rate and urease inhibitor on N2O emission and NH3 volatilization in drip irrigated potato fields.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.24(03):693-702
715	40.78	110.51	others	1.39	8.20	11.61	1.03	21.04	15.79	253.92	573.72	90.00	3.11	Wan W.et al.(2018).Effects of nitrogen rate and urease inhibitor on N2O emission and NH3 volatilization in drip irrigated potato fields.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.24(03):693-702
716	40.78	110.51	others	1.39	8.20	11.61	1.03	21.04	15.79	253.92	573.72	270.00	3.61	Wan W.et al.(2018).Effects of nitrogen rate and urease inhibitor on N2O emission and NH3 volatilization in drip irrigated potato fields.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.24(03):693-702
717	40.78	110.51	others	1.39	8.50	11.61	1.03	21.04	15.79	253.92	573.72	0.00	1.87	Wan W.et al.(2018).Effects of nitrogen rate and urease inhibitor on N2O emission and NH3 volatilization in drip irrigated potato fields.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.24(03):693-702
718	40.78	110.51	others	1.39	8.50	11.61	1.03	21.04	15.79	253.92	573.72	163.00	2.50	Wan W.et al.(2018).Effects of nitrogen rate and urease inhibitor on N2O emission and NH3 volatilization in drip irrigated potato fields.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.24(03):693-702
719	40.78	110.51	others	1.39	8.50	11.61	1.03	21.04	15.79	253.92	573.72	163.00	2.72	Wan W.et al.(2018).Effects of nitrogen rate and urease inhibitor on N2O emission and NH3 volatilization in drip irrigated potato fields.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.24(03):693-702
720	40.78	110.51	others	1.39	8.50	11.61	1.03	21.04	15.79	253.92	573.72	320.00	3.96	Wan W.et al.(2018).Effects of nitrogen rate and urease inhibitor on N2O emission and NH3 volatilization in drip irrigated potato fields.(in Chinese with English abstract).Chinese Journal of Plant Nutrition and Fertilizer.24(03):693-702
721	39.22	116.41	others	1.50	7.80	9.06	0.73	11.90	3.69	24.80	422.53	0.00	1.46	Zhao J.et al.(2016).NH3 volatilization in soil of Bamboo forest after fertilization.(in Chinese with English abstract).Chinese Journal of Scientia Silvase Sinicae.52(11):55-52
722	39.22	116.41	others	1.50	7.80	9.06	0.73	11.90	3.69	24.80	422.53	600.00	3.08	Zhao J.et al.(2016).NH3 volatilization in soil of Bamboo forest after fertilization.(in Chinese with English abstract).Chinese Journal of Scientia Silvase Sinicae.52(11):55-52
723	39.22	116.41	others	1.50	7.80	9.06	0.73	11.90	3.69	24.80	422.53	600.00	2.55	Zhao J.et al.(2016).NH3 volatilization in soil of Bamboo forest after fertilization.(in Chinese with English abstract).Chinese Journal of Scientia Silvase Sinicae.52(11):55-52
724	39.22	116.41	others	1.50	7.80	9.06	0.73	11.90	3.69	24.80	422.53	300.00	1.96	Zhao J.et al.(2016).NH3 volatilization in soil of Bamboo forest after fertilization.(in Chinese with English abstract).Chinese Journal of Scientia Silvase Sinicae.52(11):55-52
725	39.22	116.41	others	1.50	7.80	9.06	0.73	11.90	3.69	24.80	422.53	300.00	1.53	Zhao J.et al.(2016).NH3 volatilization in soil of Bamboo forest after fertilization.(in Chinese with English abstract).Chinese Journal of Scientia Silvase Sinicae.52(11):55-52
726	26.14	119.39	others	1.39	4.85	3.69	0.30	18.27	21.42	892.50	628.80	0.00	3.79	Wang F.et al.(2018).Effects of the combined application of biochar and nitrogen on growth and nitrogen use efficiency of tea plants.(in Chinese with English abstract).Chinese Journal of Tea Science.38(4):331-341
727	26.14	119.39	others	1.39	4.85	3.69	0.30	18.27	21.42	892.50	628.80	225.00	8.95	Wang F.et al.(2018).Effects of the combined application of biochar and nitrogen on growth and nitrogen use efficiency of tea plants.(in Chinese with English abstract).Chinese Journal of Tea Science.38(4):331-341
728	26.14	119.39	others	1.39	4.85	3.69	0.30	18.27	21.42	892.50	628.80	450.00	11.26	Wang F.et al.(2018).Effects of the combined application of biochar and nitrogen on growth and nitrogen use efficiency of tea plants.(in Chinese with English abstract).Chinese Journal of Tea Science.38(4):331-341
729	26.14	119.39	others	1.39	4.85	3.69	0.30	18.27	21.42	892.50	628.80	0.00	4.12	Wang F.et al.(2018).Effects of the combined application of biochar and nitrogen on growth and nitrogen use efficiency of tea plants.(in Chinese with English abstract).Chinese Journal of Tea Science.38(4):331-341
730	26.14	119.39	others	1.39	4.85	3.69	0.30	18.27	21.42	892.50	628.80	225.00	8.43	Wang F.et al.(2018).Effects of the combined application of biochar and nitrogen on growth and nitrogen use efficiency of tea plants.(in Chinese with English abstract).Chinese Journal of Tea Science.38(4):331-341
731	26.14	119.39	others	1.39	4.85	3.69	0.30	18.27	21.42	892.50	628.80	450.00	10.18	Wang F.et al.(2018).Effects of the combined application of biochar and nitrogen on growth and nitrogen use efficiency of tea plants.(in Chinese with English abstract).Chinese Journal of Tea Science.38(4):331-341
732	26.14	119.39	others	1.39	4.85	17.74	0.30	18.27	18.50	1971.00	1387.00	0.00	13.01	Wang F.et al.(2016).Ammonia volatilization and its influencing factors in tea garden soils.(in Chinese with English abstract).Chinese Journal Agro-Environment Science.35(4):808-816
733	26.14	119.39	others	1.39	4.85	17.74	0.30	18.27	18.50	1971.00	1387.00	225.00	40.95	Wang F.et al.(2016).Ammonia volatilization and its influencing factors in tea garden soils.(in Chinese with English abstract).Chinese Journal Agro-Environment Science.35(4):808-816
734	26.14	119.39	others	1.39	4.85	17.74	0.30	18.27	18.50	1971.00	1387.00	450.00	60.85	Wang F.et al.(2016).Ammonia volatilization and its influencing factors in tea garden soils.(in Chinese with English abstract).Chinese Journal Agro-Environment Science.35(4):808-816
735	44.30	86.00	others	1.39	7.98	5.46	0.89	21.50	19.40	168.64	1182.08	0.00	30.67	Li Q.et al.(2016).Effects of cotton stalk and its biochar on ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Chinese Journal of Journal of Agro-Environment Science.33(10):1987-1994
736	44.30	86.00	others	1.39	7.98	5.46	0.89	21.50	19.40	168.64	1182.08	450.00	82.22	Li Q.et al.(2016).Effects of cotton stalk and its biochar on ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Chinese Journal of Journal of Agro-Environment Science.33(10):1987-1994
737	44.30	86.00	others	1.39	7.98	5.46	0.89	21.50	19.40	168.64	1182.08	0.00	19.11	Li Q.et al.(2016).Effects of cotton stalk and its biochar on ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Chinese Journal of Journal of Agro-Environment Science.33(10):1987-1994
738	44.30	86.00	others	1.39	7.98	5.46	0.89	21.50	19.40	168.64	1182.08	450.00	49.78	Li Q.et al.(2016).Effects of cotton stalk and its biochar on ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Chinese Journal of Journal of Agro-Environment Science.33(10):1987-1994
739	44.30	86.00	others	1.39	7.98	5.46	0.89	21.50	19.40	168.64	1182.08	0.00	16.89	Li Q.et al.(2016).Effects of cotton stalk and its biochar on ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Chinese Journal of Journal of Agro-Environment Science.33(10):1987-1994
740	44.30	86.00	others	1.39	7.98	5.46	0.89	21.50	19.40	168.64	1182.08	450.00	37.78	Li Q.et al.(2016).Effects of cotton stalk and its biochar on ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Chinese Journal of Journal of Agro-Environment Science.33(10):1987-1994
741	44.30	86.00	others	1.39	7.98	5.46	0.89	21.50	20.79	82.06	1041.20	0.00	33.78	Li Q.et al.(2016).Effects of cotton stalk and its biochar on ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Chinese Journal of Journal of Agro-Environment Science.33(10):1987-1994
742	44.30	86.00	others	1.39	7.98	5.46	0.89	21.50	20.79	82.06	1041.20	450.00	68.44	Li Q.et al.(2016).Effects of cotton stalk and its biochar on ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Chinese Journal of Journal of Agro-Environment Science.33(10):1987-1994
743	44.30	86.00	others	1.39	7.98	5.46	0.89	21.50	20.79	82.06	1041.20	0.00	20.00	Li Q.et al.(2016).Effects of cotton stalk and its biochar on ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Chinese Journal of Journal of Agro-Environment Science.33(10):1987-1994
744	44.30	86.00	others	1.39	7.98	5.46	0.89	21.50	20.79	82.06	1041.20	450.00	47.56	Li Q.et al.(2016).Effects of cotton stalk and its biochar on ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Chinese Journal of Journal of Agro-Environment Science.33(10):1987-1994
745	44.30	86.00	others	1.39	7.98	5.46	0.89	21.50	20.79	82.06	1041.20	0.00	19.56	Li Q.et al.(2016).Effects of cotton stalk and its biochar on ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Chinese Journal of Journal of Agro-Environment Science.33(10):1987-1994
746	44.30	86.00	others	1.39	7.98	5.46	0.89	21.50	20.79	82.06	1041.20	450.00	39.56	Li Q.et al.(2016).Effects of cotton stalk and its biochar on ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Chinese Journal of Journal of Agro-Environment Science.33(10):1987-1994
747	40.20	116.20	others	1.39	8.20	10.30	0.80	17.00	22.55	495.12	789.24	0.00	1.38	Tan G.et al.(2018).Biochar amendment with fertilizers increases peanut N uptake, alleviates soil N2O emissions without affecting NH3 volatilization in field experiments. Environmental Science and Pollution Research.25(9): 8817-8826.
748	40.20	116.20	others	1.39	8.20	10.30	0.80	17.00	22.55	495.12	789.24	409.00	2.42	Tan G.et al.(2018).Biochar amendment with fertilizers increases peanut N uptake, alleviates soil N2O emissions without affecting NH3 volatilization in field experiments. Environmental Science and Pollution Research.25(9): 8817-8826.
749	40.20	116.20	others	1.39	8.20	10.30	0.80	17.00	22.55	495.12	789.24	409.00	32.36	Tan G.et al.(2018).Biochar amendment with fertilizers increases peanut N uptake, alleviates soil N2O emissions without affecting NH3 volatilization in field experiments. Environmental Science and Pollution Research.25(9): 8817-8826.
750	40.20	116.20	others	1.39	8.20	10.30	0.80	17.00	22.55	495.12	789.24	409.00	2.67	Tan G.et al.(2018).Biochar amendment with fertilizers increases peanut N uptake, alleviates soil N2O emissions without affecting NH3 volatilization in field experiments. Environmental Science and Pollution Research.25(9): 8817-8826.
751	40.20	116.20	others	1.39	8.20	10.30	0.80	17.00	22.55	495.12	789.24	409.00	2.73	Tan G.et al.(2018).Biochar amendment with fertilizers increases peanut N uptake, alleviates soil N2O emissions without affecting NH3 volatilization in field experiments. Environmental Science and Pollution Research.25(9): 8817-8826.
752	40.20	116.20	others	1.39	8.20	10.30	0.80	17.00	22.55	495.12	789.24	409.00	33.87	Tan G.et al.(2018).Biochar amendment with fertilizers increases peanut N uptake, alleviates soil N2O emissions without affecting NH3 volatilization in field experiments. Environmental Science and Pollution Research.25(9): 8817-8826.
753	40.20	116.20	others	1.39	8.20	10.30	0.80	17.00	22.55	495.12	789.24	409.00	36.29	Tan G.et al.(2018).Biochar amendment with fertilizers increases peanut N uptake, alleviates soil N2O emissions without affecting NH3 volatilization in field experiments. Environmental Science and Pollution Research.25(9): 8817-8826.
754	44.30	86.00	others	1.33	7.48	9.08	1.08	21.50	20.79	89.85	1140.00	0.00	9.04	Zhou G.(2016).Effects of saline water irrigation on NH3 volatilization and N use efficiency in a drip-irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
755	44.30	86.00	others	1.33	7.48	9.08	1.08	21.50	20.79	89.85	1140.00	240.00	17.09	Zhou G.(2016).Effects of saline water irrigation on NH3 volatilization and N use efficiency in a drip-irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
756	44.30	86.00	others	1.33	7.48	9.08	1.08	21.50	20.79	89.85	1140.00	360.00	21.48	Zhou G.(2016).Effects of saline water irrigation on NH3 volatilization and N use efficiency in a drip-irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
757	44.30	86.00	others	1.33	7.48	9.08	1.08	21.50	20.79	89.85	1140.00	480.00	25.75	Zhou G.(2016).Effects of saline water irrigation on NH3 volatilization and N use efficiency in a drip-irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
758	44.30	86.00	others	1.33	7.48	9.08	1.08	21.50	20.79	89.85	1140.00	0.00	12.69	Zhou G.(2016).Effects of saline water irrigation on NH3 volatilization and N use efficiency in a drip-irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
759	44.30	86.00	others	1.33	7.48	9.08	1.08	21.50	20.79	89.85	1140.00	240.00	20.82	Zhou G.(2016).Effects of saline water irrigation on NH3 volatilization and N use efficiency in a drip-irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
760	44.30	86.00	others	1.33	7.48	9.08	1.08	21.50	20.79	89.85	1140.00	360.00	24.82	Zhou G.(2016).Effects of saline water irrigation on NH3 volatilization and N use efficiency in a drip-irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
761	44.30	86.00	others	1.33	7.48	9.08	1.08	21.50	20.79	89.85	1140.00	480.00	28.00	Zhou G.(2016).Effects of saline water irrigation on NH3 volatilization and N use efficiency in a drip-irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
762	44.30	86.00	others	1.33	7.48	9.08	1.08	21.50	20.79	89.85	1140.00	0.00	16.00	Zhou G.(2016).Effects of saline water irrigation on NH3 volatilization and N use efficiency in a drip-irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
763	44.30	86.00	others	1.33	7.48	9.08	1.08	21.50	20.79	89.85	1140.00	240.00	23.58	Zhou G.(2016).Effects of saline water irrigation on NH3 volatilization and N use efficiency in a drip-irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
764	44.30	86.00	others	1.33	7.48	9.08	1.08	21.50	20.79	89.85	1140.00	360.00	29.69	Zhou G.(2016).Effects of saline water irrigation on NH3 volatilization and N use efficiency in a drip-irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
765	44.30	86.00	others	1.33	7.48	9.08	1.08	21.50	20.79	89.85	1140.00	480.00	33.70	Zhou G.(2016).Effects of saline water irrigation on NH3 volatilization and N use efficiency in a drip-irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
766	26.90	107.00	others	1.39	7.30	17.43	1.63	32.23	21.34	1063.13	733.19	0.00	3.46	Jiang Y.(2018).Effects of nitrogen cycle character on corn and tobacco crop rotation system in Guizhou yellow soil.(in Chinese with English abstract).Doctor dissertation of Heilongjiang Bayi Agricultural University (Daqing, China)
767	26.90	107.00	others	1.39	7.30	17.43	1.10	32.23	21.34	1063.13	733.19	75.00	5.33	Jiang Y.(2018).Effects of nitrogen cycle character on corn and tobacco crop rotation system in Guizhou yellow soil.(in Chinese with English abstract).Doctor dissertation of Heilongjiang Bayi Agricultural University (Daqing, China)
768	26.90	107.00	others	1.39	7.40	17.43	1.90	32.23	21.34	1063.13	733.19	285.00	4.94	Jiang Y.(2018).Effects of nitrogen cycle character on corn and tobacco crop rotation system in Guizhou yellow soil.(in Chinese with English abstract).Doctor dissertation of Heilongjiang Bayi Agricultural University (Daqing, China)
769	26.90	107.00	others	1.39	7.50	17.43	1.20	32.23	21.34	1063.13	733.19	75.00	6.42	Jiang Y.(2018).Effects of nitrogen cycle character on corn and tobacco crop rotation system in Guizhou yellow soil.(in Chinese with English abstract).Doctor dissertation of Heilongjiang Bayi Agricultural University (Daqing, China)
770	26.90	107.00	others	1.39	8.00	17.43	1.92	32.23	21.34	1063.13	733.19	115.00	4.47	Jiang Y.(2018).Effects of nitrogen cycle character on corn and tobacco crop rotation system in Guizhou yellow soil.(in Chinese with English abstract).Doctor dissertation of Heilongjiang Bayi Agricultural University (Daqing, China)
771	30.00	104.10	others	1.39	6.80	26.44	0.90	22.72	24.00	693.00	3.74	0.00	0.33	Yong W.et al.(2018).Effects of reduced nitrogen on soil ammonification, nitrification, and nitrogen fixation in maize-soybean relay intercropping systems.(in Chinese with English abstract).Chinese Journal of Acta Agronomica Sinica.44(10):1485-1495
772	30.00	104.10	others	1.39	6.80	26.44	0.90	22.72	24.00	693.00	3.74	45.00	0.91	Yong W.et al.(2018).Effects of reduced nitrogen on soil ammonification, nitrification, and nitrogen fixation in maize-soybean relay intercropping systems.(in Chinese with English abstract).Chinese Journal of Acta Agronomica Sinica.44(10):1485-1495
773	30.00	104.10	others	1.39	6.80	26.44	0.90	22.72	24.00	693.00	3.74	60.00	1.07	Yong W.et al.(2018).Effects of reduced nitrogen on soil ammonification, nitrification, and nitrogen fixation in maize-soybean relay intercropping systems.(in Chinese with English abstract).Chinese Journal of Acta Agronomica Sinica.44(10):1485-1495
774	30.00	104.10	others	1.39	6.80	26.44	0.90	22.72	24.00	928.00	4.62	0.00	0.41	Yong W.et al.(2018).Effects of reduced nitrogen on soil ammonification, nitrification, and nitrogen fixation in maize-soybean relay intercropping systems.(in Chinese with English abstract).Chinese Journal of Acta Agronomica Sinica.44(10):1485-1495
775	30.00	104.10	others	1.39	6.80	26.44	0.90	22.72	24.00	928.00	4.62	45.00	0.91	Yong W.et al.(2018).Effects of reduced nitrogen on soil ammonification, nitrification, and nitrogen fixation in maize-soybean relay intercropping systems.(in Chinese with English abstract).Chinese Journal of Acta Agronomica Sinica.44(10):1485-1495
776	30.00	104.10	others	1.39	6.80	26.44	0.90	22.72	24.00	928.00	4.62	60.00	1.40	Yong W.et al.(2018).Effects of reduced nitrogen on soil ammonification, nitrification, and nitrogen fixation in maize-soybean relay intercropping systems.(in Chinese with English abstract).Chinese Journal of Acta Agronomica Sinica.44(10):1485-1495
777	44.30	86.10	others	1.39	7.89	5.46	0.89	21.50	19.90	94.00	1004.77	0.00	25.28	Li Q.(2016).Effects of cotton straw and its biochar on soil C and N contents and ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
778	44.30	86.10	others	1.39	7.89	5.46	0.89	21.50	19.90	94.00	1004.77	300.00	57.48	Li Q.(2016).Effects of cotton straw and its biochar on soil C and N contents and ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)

779	44.30	86.10	others	1.39	7.89	5.46	0.89	21.50	19.90	94.00	1004.77	450.00	67.94	Li Q.(2016).Effects of cotton straw and its biochar on soil C and N contents and ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
780	44.30	86.10	others	1.39	7.89	5.46	0.89	21.50	19.90	94.00	1004.77	0.00	15.48	Li Q.(2016).Effects of cotton straw and its biochar on soil C and N contents and ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
781	44.30	86.10	others	1.39	7.89	5.46	0.89	21.50	19.90	94.00	1004.77	300.00	36.15	Li Q.(2016).Effects of cotton straw and its biochar on soil C and N contents and ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
782	44.30	86.10	others	1.39	7.89	5.46	0.89	21.50	19.90	94.00	1004.77	450.00	41.42	Li Q.(2016).Effects of cotton straw and its biochar on soil C and N contents and ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
783	44.30	86.10	others	1.39	7.89	5.46	0.89	21.50	19.90	94.00	1004.77	0.00	13.51	Li Q.(2016).Effects of cotton straw and its biochar on soil C and N contents and ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
784	44.30	86.10	others	1.39	7.89	5.46	0.89	21.50	19.90	94.00	1004.77	300.00	28.33	Li Q.(2016).Effects of cotton straw and its biochar on soil C and N contents and ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
785	44.30	86.10	others	1.39	7.89	5.46	0.89	21.50	19.90	94.00	1004.77	450.00	30.96	Li Q.(2016).Effects of cotton straw and its biochar on soil C and N contents and ammonia volatilization from a drip irrigated cotton field.(in Chinese with English abstract).Master dissertation of Shihezi University (Shihezi, China)
786	40.80	110.50	others	1.39	8.20	11.61	0.91	21.04	16.00	150.00	621.53	0.00	2.03	Wan W.et al.(2016).Characteristics of ammonia volatilization and nitrous oxide emission under drip irrigated potato in north of Yinshan of inner mongolia.(in Chinese with English abstract).Chinese Journal of Irrigation and Drainage.35(08):36-41
787	40.80	110.50	others	1.39	8.20	11.61	0.91	21.04	16.00	150.00	621.53	90.00	2.19	Wan W.et al.(2016).Characteristics of ammonia volatilization and nitrous oxide emission under drip irrigated potato in north of Yinshan of inner mongolia.(in Chinese with English abstract).Chinese Journal of Irrigation and Drainage.35(08):36-41
788	40.80	110.50	others	1.39	8.20	11.61	0.91	21.04	16.00	150.00	621.53	180.00	2.56	Wan W.et al.(2016).Characteristics of ammonia volatilization and nitrous oxide emission under drip irrigated potato in north of Yinshan of inner mongolia.(in Chinese with English abstract).Chinese Journal of Irrigation and Drainage.35(08):36-41
789	40.80	110.50	others	1.39	8.20	11.61	0.91	21.04	16.00	150.00	621.53	270.00	2.97	Wan W.et al.(2016).Characteristics of ammonia volatilization and nitrous oxide emission under drip irrigated potato in north of Yinshan of inner mongolia.(in Chinese with English abstract).Chinese Journal of Irrigation and Drainage.35(08):36-41

Database of NO_3

	Coordinates		Crop type	BD	Soil pH	SOC	TN	Clay	TEMP	PRECIP	EVAP	NFR	NO_3 emissions	Reference
Num	Lat	Long		($g\ cm^{-3}$)		($g\ kg^{-1}$)	(%)	(%)	(℃)	(mm)	(mm)	($kg\ N\ ha^{-1}$)	($kg\ NO_3\text{-}N\ ha^{-1}$)	
1	31.53	120.68	rice	1.52	6.05	27.80	1.30	20.82	26.70	528.00	804.00	0.00	0.23	Zhao X. et al. (2009). Nitrogen fate and environmental consequence in paddy soil under rice-wheat rotation in the Taihu Lake region, China. Plant and Soil. 319(1-2): 225-234
2	31.53	120.68	rice	1.52	6.05	27.80	1.30	20.82	26.70	528.00	804.00	100.00	0.30	Zhao X. et al. (2009). Nitrogen fate and environmental consequence in paddy soil under rice-wheat rotation in the Taihu Lake region, China. Plant and Soil. 319(1-2): 225-234
3	31.53	120.68	rice	1.52	6.05	27.80	1.30	20.82	26.70	528.00	804.00	300.00	0.48	Zhao X. et al. (2009). Nitrogen fate and environmental consequence in paddy soil under rice-wheat rotation in the Taihu Lake region, China. Plant and Soil. 319(1-2): 225-234
4	31.55	120.70	rice	1.48	7.36	35.00	0.75	20.82	26.70	528.00	804.00	0.00	0.86	Zhang J. et al. (2008). On nutrient leaching amount of rice-wheat rotation field with monolith lysimeter in Taihu Lake area. (in Chinese with English abstract). Soils. 40(4): 591-595
5	31.55	120.70	rice	1.48	7.36	35.00	0.75	20.82	26.70	528.00	804.00	180.00	1.55	Zhang J. et al. (2008). On nutrient leaching amount of rice-wheat rotation field with monolith lysimeter in Taihu Lake area. (in Chinese with English abstract). Soils. 40(4): 591-595
6	31.55	120.70	rice	1.48	7.36	35.00	0.75	20.82	26.70	528.00	804.00	270.00	1.63	Zhang J. et al. (2008). On nutrient leaching amount of rice-wheat rotation field with monolith lysimeter in Taihu Lake area. (in Chinese with English abstract). Soils. 40(4): 591-595
7	31.55	120.70	rice	1.48	7.36	35.00	0.75	20.82	26.70	528.00	804.00	360.00	2.21	Zhang J. et al. (2008). On nutrient leaching amount of rice-wheat rotation field with monolith lysimeter in Taihu Lake area. (in Chinese with English abstract). Soils. 40(4): 591-595
8	29.92	115.50	rice	1.29	5.39	33.40	1.40	23.00	26.80	668.40	630.00	0.00	1.15	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture Ecosystems & Environment. 140(1-2): 164-173
9	29.92	115.50	rice	1.29	5.39	33.40	1.40	23.00	26.80	668.40	630.00	210.00	3.75	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture Ecosystems & Environment. 140(1-2): 164-173
10	29.92	115.50	rice	1.29	5.85	27.00	1.40	23.00	26.80	668.40	630.00	0.00	1.22	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture Ecosystems & Environment. 140(1-2): 164-173
11	29.92	115.50	rice	1.29	5.85	27.00	1.40	23.00	26.80	668.40	630.00	210.00	4.40	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture Ecosystems & Environment. 140(1-2): 164-173
12	29.92	115.50	rice	1.29	5.39	33.40	1.40	23.00	26.90	630.00	627.60	0.00	0.92	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture Ecosystems & Environment. 140(1-2): 164-173
13	29.92	115.50	rice	1.29	5.39	33.40	1.40	23.00	26.90	630.00	627.60	210.00	2.30	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture Ecosystems & Environment. 140(1-2): 164-173
14	29.92	115.50	rice	1.29	5.85	27.00	1.40	23.00	26.90	630.00	627.60	0.00	0.88	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture Ecosystems & Environment. 140(1-2): 164-173
15	29.92	115.50	rice	1.29	5.85	27.00	1.40	23.00	26.90	630.00	627.60	210.00	1.99	Zhang J. et al. (2011). Emissions of N2O and NH3, and nitrogen leaching from direct seeded rice under different tillage practices in central China. Agriculture Ecosystems & Environment. 140(1-2): 164-173
16	31.55	120.70	rice	1.48	7.36	35.00	0.75	20.82	26.70	528.00	804.00	0.00	1.80	Zhang J. et al. (2008). Nitrogen and phosphorous balance under paddy field irrigation-drainage system in south Jiangsu plain. (in Chinese with English abstract). Acta Pedologica Sinica. 45(4): 657-662
17	31.55	120.70	rice	1.48	7.36	35.00	0.75	20.82	26.70	528.00	804.00	180.00	3.40	Zhang J. et al. (2008). Nitrogen and phosphorous balance under paddy field irrigation-drainage system in south Jiangsu plain. (in Chinese with English abstract). Acta Pedologica Sinica. 45(4): 657-662
18	31.55	120.70	rice	1.48	7.36	35.00	0.75	20.82	26.70	528.00	804.00	270.00	3.20	Zhang J. et al. (2008). Nitrogen and phosphorous balance under paddy field irrigation-drainage system in south Jiangsu plain. (in Chinese with English abstract). Acta Pedologica Sinica. 45(4): 657-662
19	31.55	120.70	rice	1.48	7.36	35.00	0.75	20.82	26.70	528.00	804.00	360.00	3.80	Zhang J. et al. (2008). Nitrogen and phosphorous balance under paddy field irrigation-drainage system in south Jiangsu plain. (in Chinese with English abstract). Acta Pedologica Sinica. 45(4): 657-662
20	31.30	119.80	rice	1.28	5.60	15.40	1.79	17.33	26.50	721.20	735.60	0.00	0.01	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202: 79-89
21	31.30	119.80	rice	1.28	5.60	15.40	1.79	17.33	26.50	721.20	735.60	240.00	0.07	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202: 79-89
22	31.30	119.80	rice	1.28	5.60	15.40	1.79	17.33	26.50	721.20	735.60	240.00	0.12	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202: 79-89
23	31.30	119.80	rice	1.28	5.60	15.40	1.79	17.33	26.50	721.20	735.60	240.00	0.66	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202: 79-89
24	31.30	119.80	rice	1.28	5.60	15.40	1.79	17.33	26.50	721.20	735.60	240.00	1.24	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202: 79-89
25	31.30	119.80	rice	1.28	5.60	15.40	1.79	17.33	26.50	721.20	735.60	240.00	3.01	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202: 79-89
26	31.30	119.80	rice	1.28	5.60	15.40	1.79	17.33	26.50	721.20	735.60	240.00	2.48	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202: 79-89
27	31.30	119.80	rice	1.28	5.60	15.40	1.79	17.33	26.50	721.20	735.60	240.00	5.37	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202: 79-89
28	31.30	119.80	rice	1.28	5.60	15.40	1.79	17.33	26.50	721.20	735.60	240.00	2.97	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202: 79-89
29	31.30	119.80	rice	1.28	5.60	15.40	1.79	17.33	26.50	721.20	735.60	240.00	4.05	Zhao X. et al. (2015). Maintaining rice yield and reducing N pollution by substituting winter legume for wheat in a heavily-fertilized rice-based cropping system of southeast China. Agriculture, Ecosystems & Environment. 202: 79-89
30	31.25	121.30	rice	1.35	6.10	35.01	1.40	26.70	26.80	408.00	744.00	0.00	0.38	Li H. (2007). Relationship between main biological factors and nitrogen and phosphorus transformation and loss in paddy fields. (in Chinese with English abstract). Doctor dissertation of Zhejiang University (Hangzhou, China)
31	31.25	121.30	rice	1.35	6.10	35.01	1.40	26.70	26.80	408.00	744.00	90.00	1.25	Li H. (2007). Relationship between main biological factors and nitrogen and phosphorus transformation and loss in paddy fields. (in Chinese with English abstract). Doctor dissertation of Zhejiang University (Hangzhou, China)
32	31.25	121.30	rice	1.35	6.10	35.01	1.40	26.70	26.80	408.00	744.00	180.00	1.14	Li H. (2007). Relationship between main biological factors and nitrogen and phosphorus transformation and loss in paddy fields. (in Chinese with English abstract). Doctor dissertation of Zhejiang University (Hangzhou, China)
33	31.25	121.30	rice	1.35	6.10	35.01	1.40	26.70	26.80	408.00	744.00	270.00	1.73	Li H. (2007). Relationship between main biological factors and nitrogen and phosphorus transformation and loss in paddy fields. (in Chinese with English abstract). Doctor dissertation of Zhejiang University (Hangzhou, China)
34	31.25	121.30	rice	1.35	6.10	35.01	1.40	26.70	26.80	408.00	744.00	360.00	2.20	Li H. (2007). Relationship between main biological factors and nitrogen and phosphorus transformation and loss in paddy fields. (in Chinese with English abstract). Doctor dissertation of Zhejiang University (Hangzhou, China)
35	30.87	121.75	rice	1.39	7.90	13.00	1.47	20.25	26.40	456.00	672.00	0.00	14.12	Xiao Y. et al. (2005). Economic values of nitrogen transformation in rice field ecosystems. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9): 1745-1750
36	30.87	121.75	rice	1.39	7.90	13.00	1.47	20.25	26.40	456.00	672.00	225.00	15.99	Xiao Y. et al. (2005). Economic values of nitrogen transformation in rice field ecosystems. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9): 1745-1750
37	30.87	121.75	rice	1.39	7.90	13.00	1.47	20.25	26.40	456.00	672.00	375.00	17.84	Xiao Y. et al. (2005). Economic values of nitrogen transformation in rice field ecosystems. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9): 1745-1750
38	30.87	121.75	rice	1.39	7.90	13.00	1.47	20.25	26.40	456.00	672.00	525.00	21.60	Xiao Y. et al. (2005). Economic values of nitrogen transformation in rice field ecosystems. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9): 1745-1750
39	31.60	120.00	rice	1.47	6.30	27.40	1.40	17.44	26.80	475.20	778.80	0.00	1.63	Lv Y. (1999). Localization of nitrate leaching in paddy soil in Taihu Lake area of southern Jiangsu Province. Chinese Journal of Soil Science. 03: 19-20
40	31.60	120.00	rice	1.47	6.30	27.40	1.40	17.44	26.80	475.20	778.80	162.90	1.90	Lv Y. (1999). Localization of nitrate leaching in paddy soil in Taihu Lake area of southern Jiangsu Province. Chinese Journal of Soil Science. 03: 19-20
41	31.60	120.00	rice	1.47	6.30	27.40	1.40	17.44	26.80	475.20	778.80	338.40	10.41	Lv Y. (1999). Localization of nitrate leaching in paddy soil in Taihu Lake area of southern Jiangsu Province. Chinese Journal of Soil Science. 03: 19-20
42	30.26	106.43	rice	1.35	7.70	12.20	2.32	28.70	27.80	343.20	720.00	0.00	6.40	Yi S. (2005). Nitrogen leaching and utilization in rice-wheat-oilseed rotation system. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
43	30.26	106.43	rice	1.35	7.70	12.20	2.32	28.70	27.80	343.20	720.00	75.00	6.79	Yi S. (2005). Nitrogen leaching and utilization in rice-wheat-oilseed rotation system. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
44	30.26	106.43	rice	1.35	7.70	12.20	2.32	28.70	27.80	343.20	720.00	150.00	6.91	Yi S. (2005). Nitrogen leaching and utilization in rice-wheat-oilseed rotation system. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
45	30.26	106.43	rice	1.35	7.70	12.20	2.32	28.70	27.80	343.20	720.00	225.00	7.55	Yi S. (2005). Nitrogen leaching and utilization in rice-wheat-oilseed rotation system. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
46	30.26	106.43	rice	1.35	7.20	13.20	2.32	28.70	27.80	343.20	720.00	0.00	5.48	Yi S. (2005). Nitrogen leaching and utilization in rice-wheat-oilseed rotation system. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
47	30.26	106.43	rice	1.35	7.20	13.20	2.32	28.70	27.80	343.20	720.00	75.00	6.26	Yi S. (2005). Nitrogen leaching and utilization in rice-wheat-oilseed rotation system. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
48	30.26	106.43	rice	1.35	7.20	13.20	2.32	28.70	27.80	343.20	720.00	150.00	6.34	Yi S. (2005). Nitrogen leaching and utilization in rice-wheat-oilseed rotation system. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
49	30.26	106.43	rice	1.35	7.20	13.20	2.32	28.70	27.80	343.20	720.00	225.00	6.56	Yi S. (2005). Nitrogen leaching and utilization in rice-wheat-oilseed rotation system. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
50	30.12	120.13	rice	1.28	5.40	13.20	1.45	17.33	25.90	944.40	661.20	0.00	0.16	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture Ecosystems & Environment. 209: 26-33
51	30.12	120.13	rice	1.28	5.40	13.20	1.45	17.33	25.90	944.40	661.20	200.00	4.82	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture Ecosystems & Environment. 209: 26-33
52	30.12	120.13	rice	1.28	5.40	13.20	1.45	17.33	25.90	944.40	661.20	200.00	4.17	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture Ecosystems & Environment. 209: 26-33
53	30.12	120.13	rice	1.28	5.40	13.20	1.45	17.33	25.90	944.40	661.20	200.00	3.71	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture Ecosystems & Environment. 209: 26-33
54	30.12	120.13	rice	1.28	5.40	13.20	1.45	17.33	26.40	664.80	571.20	200.00	5.26	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture Ecosystems & Environment. 209: 26-33
55	30.12	120.13	rice	1.28	5.40	13.20	1.45	17.33	26.40	664.80	571.20	200.00	4.46	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture Ecosystems & Environment. 209: 26-33
56	30.12	120.13	rice	1.28	5.40	13.20	1.45	17.33	26.40	664.80	571.20	200.00	4.62	Chen G. et al. (2015). Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields. Agriculture Ecosystems & Environment. 209: 26-33
57	31.70	120.80	rice	1.52	6.40	28.40	1.30	20.82	26.70	528.00	804.00	0.00	0.23	Xie Y. et al. (2007). Assessment of Nitrogen Pollutant Sources in Surface Waters of Taihu Lake Region. Pedosphere. 17(2): 200-208
58	31.70	120.80	rice	1.52	6.40	28.40	1.30	20.82	26.70	528.00	804.00	100.00	0.30	Xie Y. et al. (2007). Assessment of Nitrogen Pollutant Sources in Surface Waters of Taihu Lake Region. Pedosphere. 17(2): 200-208
59	31.70	120.80	rice	1.52	6.40	28.40	1.30	20.82	26.70	528.00	804.00	200.00	0.39	Xie Y. et al. (2007). Assessment of Nitrogen Pollutant Sources in Surface Waters of Taihu Lake Region. Pedosphere. 17(2): 200-208
60	31.70	120.80	rice	1.52	6.40	28.40	1.30	20.82	26.70	528.00	804.00	300.00	0.48	Xie Y. et al. (2007). Assessment of Nitrogen Pollutant Sources in Surface Waters of Taihu Lake Region. Pedosphere. 17(2): 200-208
61	23.35	115.90	rice	1.35	7.20	13.20	2.32	28.70	27.80	343.20	720.00	0.00	6.42	Xiao Y. et al. (2005). Research of Nitrogen transition in rice system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9): 1745-1750
62	23.35	115.90	rice	1.35	7.20	13.20	2.32	28.70	27.80	343.20	720.00	75.00	6.79	Xiao Y. et al. (2005). Research of Nitrogen transition in rice system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9): 1745-1750
63	23.35	115.90	rice	1.35	7.20	13.20	2.32	28.70	27.80	343.20	720.00	150.00	6.80	Xiao Y. et al. (2005). Research of Nitrogen transition in rice system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9): 1745-1750
64	23.35	115.90	rice	1.35	7.20	13.20	2.32	28.70	27.80	343.20	720.00	225.00	7.36	Xiao Y. et al. (2005). Research of Nitrogen transition in rice system. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 16(9): 1745-1750
65	38.12	106.28	rice	1.50	8.30	16.48	1.24	15.46	21.40	120.00	384.00	0.00	6.43	Liu R. (2013). Study on the Characteristics of N Leaching Losses and Process Control in Paddy Field in the Yellow River Irrigation Region of Ningxia. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
66	38.12	106.28	rice	1.50	8.30	16.48	1.24	15.46	21.40	120.00	384.00	74.00	10.55	Liu R. (2013). Study on the Characteristics of N Leaching Losses and Process Control in Paddy Field in the Yellow River Irrigation Region of Ningxia. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
67	38.12	106.28	rice	1.50	8.30	16.48	1.24	15.46	21.40	120.00	384.00	125.00	13.19	Liu R. (2013). Study on the Characteristics of N Leaching Losses and Process Control in Paddy Field in the Yellow River Irrigation Region of Ningxia. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
68	38.12	106.28	rice	1.50	8.30	16.48	1.24	15.46	21.40	120.00	384.00	176.00	16.09	Liu R. (2013). Study on the Characteristics of N Leaching Losses and Process Control in Paddy Field in the Yellow River Irrigation Region of Ningxia. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
69	38.12	106.28	rice	1.50	8.30	16.48	1.24	15.46	21.40	120.00	384.00	300.00	21.85	Liu R. (2013). Study on the Characteristics of N Leaching Losses and Process Control in Paddy Field in the Yellow River Irrigation Region of Ningxia. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
70	23.56	113.00	rice	1.50	8.30	16.48	1.24	15.46	21.40	120.00	384.00	0.00	7.72	Xue L. et al. (2011). Nitrogen balance of rice system under different nitrogen management. (in Chinese with English abstract). Environmental Science.
71	23.56	113.00	rice	1.50	8.30	16.48	1.24	15.46	21.40	120.00	384.00	74.00	11.64	Xue L. et al. (2011). Nitrogen balance of rice system under different nitrogen management. (in Chinese with English abstract). Environmental Science.
72	23.56	113.00	rice	1.50	8.30	16.48	1.24	15.46	21.40	120.00	384.00	125.00	15.04	Xue L. et al. (2011). Nitrogen balance of rice system under different nitrogen management. (in Chinese with English abstract). Environmental Science.
73	23.56	113.00	rice	1.50	8.30	16.48	1.24	15.46	21.40	120.00	384.00	176.00	21.17	Xue L. et al. (2011). Nitrogen balance of rice system under different nitrogen management. (in Chinese with English abstract). Environmental Science.
74	23.56	113.00	rice	1.50	8.30	16.48	1.24	15.46	21.40	120.00	384.00	300.00	26.22	Xue L. et al. (2011). Nitrogen balance of rice system under different nitrogen management. (in Chinese with English abstract). Environmental Science.
75	37.99	106.21	rice	1.50	8.30	14.10	1.24	15.46	21.20	80.40	402.00	0.00	6.71	Hong Y. et al. (2015). Effects of different dicyandiamide rates on rice soil nitrogen leaching loss. (in Chinese with English abstract). Journal of Soil and Water Conservation. 29(1): 116-120
76	37.99	106.21	rice	1.50	8.30	14.10	1.24	15.46	21.20	80.40	402.00	345.00	23.21	Hong Y. et al. (2015). Effects of different dicyandiamide rates on rice soil nitrogen leaching loss. (in Chinese with English abstract). Journal of Soil and Water Conservation. 29(1): 116-120
77	38.12	106.28	rice	1.50	8.30	15.20	1.24	15.46	21.40	120.00	384.00	0.00	9.04	Liu R. et al. (2012). Effects of postponing N application on rice yield and N losses in yellow river irrigation area. (in Chinese with English abstract). Journal of Soil and Water Conservation. 26(2): 16-20
78	38.12	106.28	rice	1.50	8.30	15.20	1.24	15.46	21.40	120.00	384.00	300.00	35.36	Liu R. et al. (2012). Effects of postponing N application on rice yield and N losses in yellow river irrigation area. (in Chinese with English abstract). Journal of Soil and Water Conservation. 26(2): 16-20
79	38.12	106.28	rice	1.50	8.30	15.20	1.24	15.46	21.40	120.00	384.00	240.00	25.81	Liu R. et al. (2012). Effects of postponing N application on rice yield and N losses in yellow river irrigation area. (in Chinese with English abstract). Journal of Soil and Water Conservation. 26(2): 16-20
80	38.12	106.28	rice	1.50	8.30	15.20	1.24	15.46	21.40	120.00	384.00	240.00	22.08	Liu R. et al. (2012). Effects of postponing N application on rice yield and N losses in yellow river irrigation area. (in Chinese with English abstract). Journal of Soil and Water Conservation. 26(2): 16-20
81	38.12	106.28	rice	1.50	8.30	15.20	1.24	15.46	21.40	120.00	384.00	240.00	23.25	Liu R. et al. (2012). Effects of postponing N application on rice yield and N losses in yellow river irrigation area. (in Chinese with English abstract). Journal of Soil and Water Conservation. 26(2): 16-20
82	47.29	132.85	rice	1.50	8.30	15.20	1.24	15.46	21.40	120.00	384.00	0.00	6.43	Zhang A. et al. (2006). Field experiment on nitrogen leaching in rice soil. (in Chinese with English abstract). Journal of East China Normal University. (6): 56-67
83	47.29	132.85	rice	1.50	8.30	15.20	1.24	15.46	21.40	120.00	384.00	300.00	21.85	Zhang A. et al. (2006). Field experiment on nitrogen leaching in rice soil. (in Chinese with English abstract). Journal of East China Normal University. (6): 56-67
84	38.12	106.28	rice	1.47	8.30	15.20	1.24	15.46	21.40	120.00	384.00	0.00	8.15	Liu R. et al. (2012). Effects of seeding-box total fertilization on rice yield and nitrogen loss． (in Chinese with English abstract). Chinese Journal of Applied Ecology. 23(7): 1853-1860
85	38.12	106.28	rice	1.47	8.30	15.20	1.24	15.46	21.40	120.00	384.00	300.00	27.94	Liu R. et al. (2012). Effects of seeding-box total fertilization on rice yield and nitrogen loss． (in Chinese with English abstract). Chinese Journal of Applied Ecology. 23(7): 1853-1860
86	46.67	127.04	rice	1.47	8.30	15.20	1.24	15.46	21.40	120.00	384.00	0.00	7.72	Wu C. (2009). Study on the influencing factors of nitrogen and phosphorus loss from non-point source pollution. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University. (Harbin, China)
87	46.67	127.04	rice	1.47	8.30	15.20	1.24	15.46	21.40	120.00	384.00	300.00	26.22	Wu C. (2009). Study on the influencing factors of nitrogen and phosphorus loss from non-point source pollution. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University. (Harbin, China)
88	28.23	113.72	rice	1.36	5.70	13.97	1.14	31.71	25.50	1068.00	516.00	0.00	5.57	Li X. et al. (2015). Effect of reducing amount of controlld release urea on nitrogen runoff and leakage loss in paddy field. (in Chinese with English abstract). Journal of Soil and Water Conservation. 29(5): 70-74
89	28.23	113.72	rice	1.36	5.70	13.97	1.14	31.71	25.50	1068.00	516.00	150.00	18.53	Li X. et al. (2015). Effect of reducing amount of controlld release urea on nitrogen runoff and leakage loss in paddy field. (in Chinese with English abstract). Journal of Soil and Water Conservation. 29(5): 70-74
90	28.23	113.72	rice	1.36	5.70	13.97	1.14	31.71	25.50	1068.00	516.00	0.00	4.94	Li X. et al. (2015). Effect of reducing amount of controlld release urea on nitrogen runoff and leakage loss in paddy field. (in Chinese with English abstract). Journal of Soil and Water Conservation. 29(5): 70-74

91	28.23	113.72	rice	1.36	5.70	13.97	1.14	31.71	25.50	1068.00	516.00	180.00	24.67	Li X. et al. (2015). Effect of reducing amount of controlld release urea on nitrogen runoff and leakage loss in paddy field. (in Chinese with English abstract). Journal of Soil and Water Conservation. 29(5): 70-74
92	45.33	133.00	rice	1.26	6.92	61.20	1.62	23.31	19.20	396.00	684.00	0.00	1.22	Meng X. (2012). Research to utilize and loss of nitrogen and impact on environment in rice field. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University (Harbin, China)
93	45.33	133.00	rice	1.26	6.92	61.20	1.62	23.31	19.20	396.00	684.00	103.30	1.94	Meng X. (2012). Research to utilize and loss of nitrogen and impact on environment in rice field. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University (Harbin, China)
94	45.33	133.00	rice	1.26	6.92	61.20	1.62	23.31	19.20	396.00	684.00	103.30	2.26	Meng X. (2012). Research to utilize and loss of nitrogen and impact on environment in rice field. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University (Harbin, China)
95	45.33	133.00	rice	1.26	6.92	61.20	1.62	23.31	19.20	396.00	684.00	82.70	1.36	Meng X. (2012). Research to utilize and loss of nitrogen and impact on environment in rice field. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University (Harbin, China)
96	45.33	133.00	rice	1.26	6.92	61.20	1.62	23.31	19.20	396.00	684.00	82.70	1.49	Meng X. (2012). Research to utilize and loss of nitrogen and impact on environment in rice field. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University (Harbin, China)
97	45.33	133.00	rice	1.26	6.92	61.20	1.62	23.31	19.20	396.00	684.00	82.70	1.15	Meng X. (2012). Research to utilize and loss of nitrogen and impact on environment in rice field. (in Chinese with English abstract). Master dissertation of Northeast Agricultural University (Harbin, China)
98	39.60	116.00	wheat	1.36	8.30	15.90	0.93	19.76	5.30	96.00	888.00	0.00	1.73	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
99	39.60	116.00	wheat	1.36	8.30	15.90	0.93	19.76	5.30	96.00	888.00	50.00	1.86	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
100	39.60	116.00	wheat	1.36	8.30	15.90	0.93	19.76	5.30	96.00	888.00	100.00	2.27	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
101	39.60	116.00	wheat	1.36	8.30	15.90	0.93	19.76	5.30	96.00	888.00	150.00	2.42	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
102	39.60	116.00	wheat	1.36	8.30	15.90	0.93	19.76	5.30	96.00	888.00	200.00	2.77	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
103	39.60	116.00	wheat	1.36	8.30	15.90	0.93	19.76	5.30	96.00	888.00	250.00	2.94	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
104	39.60	116.00	wheat	1.36	8.30	15.90	0.93	19.76	5.30	96.00	888.00	300.00	3.13	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
105	39.60	116.00	wheat	1.36	8.30	15.90	0.93	19.76	5.30	96.00	888.00	400.00	4.10	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
106	31.27	105.47	wheat	1.32	8.30	15.25	0.89	18.20	12.20	218.40	491.40	0.00	0.27	Zhou M. et al. (2014). N2O and CH4 emissions, and NO3- leaching on a crop-yield basis from a subtropical rain-fed wheat-maize rotation in response to different types of nitrogen fertilizer. Ecosystems. 17(2): 286-301
107	31.27	105.47	wheat	1.32	8.30	15.25	0.89	18.20	12.20	218.40	491.40	130.00	1.35	Zhou M. et al. (2014). N2O and CH4 emissions, and NO3- leaching on a crop-yield basis from a subtropical rain-fed wheat-maize rotation in response to different types of nitrogen fertilizer. Ecosystems. 17(2): 286-301
108	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	303.00	939.00	0.00	5.77	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
109	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	303.00	939.00	75.00	8.23	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
110	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	303.00	939.00	150.00	11.85	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
111	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	303.00	939.00	225.00	18.07	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
112	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	403.50	727.50	0.00	1.84	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
113	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	403.50	727.50	75.00	2.12	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
114	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	403.50	727.50	150.00	3.27	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
115	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	403.50	727.50	225.00	12.87	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
116	35.00	114.40	Wheat	1.55	8.30	14.23	0.88	9.60	10.80	199.20	888.00	0.00	0.00	Zhu A. (2005). Water balance and nitrate leaching losses under intensive crop production with ochric aquic cambosols in North China Plain. Environmental International 31(6): 904-912
117	35.00	114.40	Wheat	1.55	8.30	14.23	0.88	9.60	10.80	199.20	888.00	248.70	17.60	Zhu A. (2005). Water balance and nitrate leaching losses under intensive crop production with ochric aquic cambosols in North China Plain. Environmental International 31(6): 904-912
118	35.00	114.40	Wheat	1.55	8.30	14.23	0.88	9.60	10.80	199.20	888.00	287.00	51.70	Zhu A. (2005). Water balance and nitrate leaching losses under intensive crop production with ochric aquic cambosols in North China Plain. Environmental International 31(6): 904-912
119	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	303.00	939.00	0.00	5.76	Yin X. (2010). Characteristics of nitrogen fertilizer utilization and nitrate-N leaching in the Guanzhong area. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
120	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	303.00	939.00	191.00	19.85	Yin X. (2010). Characteristics of nitrogen fertilizer utilization and nitrate-N leaching in the Guanzhong area. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
121	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	303.00	939.00	150.00	11.87	Yin X. (2010). Characteristics of nitrogen fertilizer utilization and nitrate-N leaching in the Guanzhong area. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
122	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	303.00	939.00	75.00	8.22	Yin X. (2010). Characteristics of nitrogen fertilizer utilization and nitrate-N leaching in the Guanzhong area. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
123	34.07	108.03	wheat	1.20	7.38	17.06	1.02	17.00	21.80	303.00	939.00	225.00	18.01	Yin X. (2010). Characteristics of nitrogen fertilizer utilization and nitrate-N leaching in the Guanzhong area. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
124	34.77	117.13	wheat	1.15	8.30	15.29	1.23	20.35	9.10	196.80	705.60	0.00	0.07	Tan D. et al. (2013). An in situ study of inorganic nitrogen flow under different fertilization treatments on a wheat-maize rotation system surrounding Nansi Lake, China. Agricultural Water Management. 123: 45-54
125	34.77	117.13	wheat	1.15	8.30	15.29	1.23	20.35	9.10	196.80	705.60	240.00	0.29	Tan D. et al. (2013). An in situ study of inorganic nitrogen flow under different fertilization treatments on a wheat-maize rotation system surrounding Nansi Lake, China. Agricultural Water Management. 123: 45-54
126	34.77	117.13	wheat	1.15	8.30	15.29	1.23	20.35	9.10	196.80	705.60	0.00	0.09	Tan D. et al. (2013). An in situ study of inorganic nitrogen flow under different fertilization treatments on a wheat-maize rotation system surrounding Nansi Lake, China. Agricultural Water Management. 123: 45-54
127	34.77	117.13	wheat	1.15	8.30	15.29	1.23	20.35	9.10	196.80	705.60	180.00	0.26	Tan D. et al. (2013). An in situ study of inorganic nitrogen flow under different fertilization treatments on a wheat-maize rotation system surrounding Nansi Lake, China. Agricultural Water Management. 123: 45-54
128	31.53	120.68	wheat	1.52	6.05	27.80	1.30	20.82	12.40	420.00	693.00	0.00	0.36	Zhao X. et al. (2009). Nitrogen fate and environmental consequence in paddy soil under rice-wheat rotation in the Taihu Lake region, China. Plant and Soil. 319(1-2): 225-234
129	31.53	120.68	wheat	1.52	6.05	27.80	1.30	20.82	12.40	420.00	693.00	100.00	2.71	Zhao X. et al. (2009). Nitrogen fate and environmental consequence in paddy soil under rice-wheat rotation in the Taihu Lake region, China. Plant and Soil. 319(1-2): 225-234
130	31.53	120.68	wheat	1.52	6.05	27.80	1.30	20.82	12.40	420.00	693.00	250.00	5.81	Zhao X. et al. (2009). Nitrogen fate and environmental consequence in paddy soil under rice-wheat rotation in the Taihu Lake region, China. Plant and Soil. 319(1-2): 225-234
131	35.20	107.67	wheat	1.38	8.30	10.50	1.02	22.80	19.90	385.50	933.00	0.00	6.00	Chen L. (2007). Research on nitrogen recycle and its effect on environment in dry-land of losses plateau. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
132	35.20	107.67	wheat	1.38	8.30	10.50	1.02	22.80	19.90	385.50	933.00	120.00	73.50	Chen L. (2007). Research on nitrogen recycle and its effect on environment in dry-land of losses plateau. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
133	35.20	107.67	wheat	1.38	8.30	10.50	1.02	22.80	19.90	385.50	933.00	120.00	44.40	Chen L. (2007). Research on nitrogen recycle and its effect on environment in dry-land of losses plateau. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
134	40.13	116.70	wheat	1.32	8.30	46.03	0.93	16.70	7.60	120.00	888.00	0.00	1.00	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
135	40.13	116.70	wheat	1.32	8.30	46.03	0.93	16.70	7.60	120.00	888.00	180.00	3.00	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
136	40.13	116.70	wheat	1.32	8.30	46.03	0.93	16.70	7.60	120.00	888.00	260.00	6.20	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
137	40.13	116.70	wheat	1.32	8.30	46.03	0.93	16.70	7.60	120.00	888.00	360.00	13.30	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
138	31.38	121.53	wheat	1.36	7.00	27.58	1.23	25.00	12.60	483.00	621.60	0.00	1.48	Mao G. et al. (2006). Nitrogen loss in rice-wheat cropping farmland and its control measures. (in Chinese with English abstract). Acta Agriculturae Shanghai. 22(4): 86-92
139	31.38	121.53	wheat	1.36	7.00	27.58	1.23	25.00	12.60	483.00	621.60	213.50	10.00	Mao G. et al. (2006). Nitrogen loss in rice-wheat cropping farmland and its control measures. (in Chinese with English abstract). Acta Agriculturae Shanghai. 22(4): 86-92
140	31.38	121.53	wheat	1.36	7.00	27.58	1.23	25.00	12.60	483.00	621.60	181.50	9.60	Mao G. et al. (2006). Nitrogen loss in rice-wheat cropping farmland and its control measures. (in Chinese with English abstract). Acta Agriculturae Shanghai. 22(4): 86-92
141	30.70	120.70	wheat	1.35	6.00	19.20	1.30	26.70	11.90	546.00	819.00	0.00	4.60	Ni X. et al. (2012). Effects of different nitrogen fertilizer rates on nitrate leaching characteristics and wheat yield in paddy field in dry period. (in Chinese with English abstract). Acta Agriculturae Zhejiangensis. 24(4): 670-675
142	30.70	120.70	wheat	1.35	6.00	19.20	1.30	26.70	11.90	546.00	819.00	90.00	8.60	Ni X. et al. (2012). Effects of different nitrogen fertilizer rates on nitrate leaching characteristics and wheat yield in paddy field in dry period. (in Chinese with English abstract). Acta Agriculturae Zhejiangensis. 24(4): 670-675
143	30.70	120.70	wheat	1.35	6.00	19.20	1.30	26.70	11.90	546.00	819.00	180.00	12.10	Ni X. et al. (2012). Effects of different nitrogen fertilizer rates on nitrate leaching characteristics and wheat yield in paddy field in dry period. (in Chinese with English abstract). Acta Agriculturae Zhejiangensis. 24(4): 670-675
144	30.70	120.70	wheat	1.35	6.00	19.20	1.30	26.70	11.90	546.00	819.00	270.00	14.50	Ni X. et al. (2012). Effects of different nitrogen fertilizer rates on nitrate leaching characteristics and wheat yield in paddy field in dry period. (in Chinese with English abstract). Acta Agriculturae Zhejiangensis. 24(4): 670-675
145	30.70	120.70	wheat	1.35	6.00	19.20	1.30	26.70	11.90	546.00	819.00	360.00	17.10	Ni X. et al. (2012). Effects of different nitrogen fertilizer rates on nitrate leaching characteristics and wheat yield in paddy field in dry period. (in Chinese with English abstract). Acta Agriculturae Zhejiangensis. 24(4): 670-675
146	31.70	120.70	wheat	1.40	6.40	28.40	1.40	20.82	12.40	420.00	693.00	0.00	17.80	Wang J. et al. (2001). Characteristics of nitrogen leaching of rice-wheat rotation field in Taihu Lake area. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 9(1): 16-18
147	31.70	120.70	wheat	1.40	6.40	28.40	1.40	20.82	12.40	420.00	693.00	150.00	23.32	Wang J. et al. (2001). Characteristics of nitrogen leaching of rice-wheat rotation field in Taihu Lake area. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 9(1): 16-18
148	31.70	120.70	wheat	1.40	6.40	28.40	1.40	20.82	12.40	420.00	693.00	225.00	32.51	Wang J. et al. (2001). Characteristics of nitrogen leaching of rice-wheat rotation field in Taihu Lake area. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 9(1): 16-18
149	31.70	120.70	wheat	1.40	6.40	28.40	1.40	20.82	12.40	420.00	693.00	300.00	49.37	Wang J. et al. (2001). Characteristics of nitrogen leaching of rice-wheat rotation field in Taihu Lake area. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 9(1): 16-18
150	31.70	120.70	wheat	1.40	6.40	28.40	1.40	20.82	12.40	420.00	693.00	450.00	58.49	Wang J. et al. (2001). Characteristics of nitrogen leaching of rice-wheat rotation field in Taihu Lake area. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 9(1): 16-18
151	31.70	120.70	wheat	1.40	6.40	28.40	1.40	20.82	12.40	420.00	693.00	300.00	38.06	Wang J. et al. (2001). Characteristics of nitrogen leaching of rice-wheat rotation field in Taihu Lake area. (in Chinese with English abstract). Chinese Journal of Eco-Agriculture. 9(1): 16-18
152	39.95	119.50	Wheat	1.36	7.90	15.50	1.43	19.76	7.03	120.00	892.80	0.00	0.00	Liu X. et al. (2003). Nitrogen dynamics and budgets in a winter wheat–maize cropping system in the North China Plain. Field Crops Research. 83(2): 111-124
153	39.95	119.50	Wheat	1.36	7.90	15.50	1.43	19.76	7.03	120.00	892.80	120.00	22.00	Liu X. et al. (2003). Nitrogen dynamics and budgets in a winter wheat–maize cropping system in the North China Plain. Field Crops Research. 83(2): 111-124
154	39.95	119.50	Wheat	1.36	7.90	15.50	1.43	19.76	7.03	120.00	892.80	240.00	117.00	Liu X. et al. (2003). Nitrogen dynamics and budgets in a winter wheat–maize cropping system in the North China Plain. Field Crops Research. 83(2): 111-124
155	39.95	119.50	Wheat	1.36	7.90	15.50	1.43	19.76	7.03	120.00	892.80	360.00	166.00	Liu X. et al. (2003). Nitrogen dynamics and budgets in a winter wheat–maize cropping system in the North China Plain. Field Crops Research. 83(2): 111-124
156	39.95	119.50	Wheat	1.36	7.90	15.50	1.43	19.76	7.03	120.00	892.80	0.00	0.00	Liu X. et al. (2003). Nitrogen dynamics and budgets in a winter wheat–maize cropping system in the North China Plain. Field Crops Research. 83(2): 111-124
157	39.95	119.50	Wheat	1.36	7.90	15.50	1.43	19.76	7.03	120.00	892.80	120.00	7.00	Liu X. et al. (2003). Nitrogen dynamics and budgets in a winter wheat–maize cropping system in the North China Plain. Field Crops Research. 83(2): 111-124
158	39.95	119.50	Wheat	1.36	7.90	15.50	1.43	19.76	7.03	120.00	892.80	240.00	62.00	Liu X. et al. (2003). Nitrogen dynamics and budgets in a winter wheat–maize cropping system in the North China Plain. Field Crops Research. 83(2): 111-124
159	39.95	119.50	Wheat	1.36	7.90	15.50	1.43	19.76	7.03	120.00	892.80	360.00	131.00	Liu X. et al. (2003). Nitrogen dynamics and budgets in a winter wheat–maize cropping system in the North China Plain. Field Crops Research. 83(2): 111-124
160	30.43	106.43	wheat	1.45	7.70	12.20	2.32	28.70	14.30	336.00	441.00	0.00	1.87	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
161	30.43	106.43	wheat	1.45	7.70	12.20	2.32	28.70	14.30	336.00	441.00	75.00	3.10	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
162	30.43	106.43	wheat	1.45	7.70	12.20	2.32	28.70	14.30	336.00	441.00	150.00	3.55	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
163	30.43	106.43	wheat	1.45	7.70	12.20	2.32	28.70	14.30	336.00	441.00	225.00	4.12	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
164	30.43	106.43	wheat	1.45	7.70	12.20	2.32	28.70	14.30	336.00	441.00	0.00	0.97	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
165	30.43	106.43	wheat	1.45	7.70	12.20	2.32	28.70	14.30	336.00	441.00	75.00	1.67	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
166	30.43	106.43	wheat	1.45	7.70	12.20	2.32	28.70	14.30	336.00	441.00	150.00	1.98	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
167	30.43	106.43	wheat	1.45	7.70	12.20	2.32	28.70	14.30	336.00	441.00	225.00	2.26	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
168	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	0.00	0.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
169	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	250.00	1.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
170	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	350.00	3.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
171	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	350.00	1.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
172	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	150.00	3.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
173	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	150.00	2.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
174	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	250.00	9.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
175	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	250.00	4.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
176	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	250.00	2.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
177	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	350.00	25.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
178	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	350.00	13.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
179	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	350.00	5.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
180	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	150.00	4.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
181	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	150.00	2.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
182	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	250.00	13.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
183	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	250.00	6.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
184	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	250.00	2.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
185	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	350.00	31.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
186	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	350.00	23.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir rigation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546

187	37.45	113.50	Wheat	1.46	8.20	17.20	0.82	18.00	8.96	139.20	904.80	350.00	9.00	Liu W. et al. (2006). Nitrogen Leaching in Soil and Recommendation of Nitrogen and Ir r igation. (in Chinese with English abstract). Journal of Agro-Environment Science. 25(6): 1541-1546
188	30.43	106.43	wheat	1.35	7.70	12.20	2.32	28.70	14.30	336.00	441.00	0.00	1.62	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
189	30.43	106.43	wheat	1.35	7.70	12.20	2.32	28.70	14.30	336.00	441.00	150.00	4.01	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
190	30.43	106.43	wheat	1.35	7.70	12.20	2.32	28.70	14.30	336.00	441.00	225.00	4.83	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
191	30.43	106.43	wheat	1.35	7.70	12.20	2.32	28.70	14.30	336.00	441.00	150.00	3.42	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
192	30.43	106.43	wheat	1.35	7.70	12.20	2.32	28.70	14.30	336.00	441.00	225.00	3.92	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
193	30.43	106.43	wheat	1.35	7.20	13.20	2.32	28.70	14.30	336.00	441.00	0.00	1.55	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
194	30.43	106.43	wheat	1.35	7.20	13.20	2.32	28.70	14.30	336.00	441.00	150.00	4.27	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
195	30.43	106.43	wheat	1.35	7.20	13.20	2.32	28.70	14.30	336.00	441.00	225.00	6.04	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
196	30.43	106.43	wheat	1.35	7.20	13.20	2.32	28.70	14.30	336.00	441.00	150.00	4.28	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
197	30.43	106.43	wheat	1.35	7.20	13.20	2.32	28.70	14.30	336.00	441.00	225.00	5.67	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
198	30.43	106.43	wheat	1.35	5.20	12.00	2.32	28.70	14.30	336.00	441.00	0.00	1.92	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
199	30.43	106.43	wheat	1.35	5.20	12.00	2.32	28.70	14.30	336.00	441.00	150.00	4.99	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
200	30.43	106.43	wheat	1.35	5.20	12.00	2.32	28.70	14.30	336.00	441.00	225.00	6.23	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
201	30.43	106.43	wheat	1.35	5.20	12.00	2.32	28.70	14.30	336.00	441.00	150.00	4.54	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
202	30.43	106.43	wheat	1.35	5.20	12.00	2.32	28.70	14.30	336.00	441.00	225.00	5.57	Yi S. et al. (2004). Nitrogen transference and leaching loss in growth period of wheat in purple soil. (in Chinese with English abstract). Journal of Soil and Water Conservation. 18(4): 46-49
203	35.00	114.30	Wheat	1.55	8.30	14.23	0.88	13.64	10.80	199.20	888.00	283.20	51.70	Zhu A. et al. (2003). Soil water deep drainage and nitrate leaching in fluvo-aquic soil. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 19(1): 27-30
204	35.00	114.30	Wheat	1.55	8.30	14.23	0.88	13.64	10.80	199.20	888.00	283.20	51.70	Zhu A. et al. (2003). Soil water deep drainage and nitrate leaching in fluvo-aquic soil. (in Chinese with English abstract). Journal of Ecology and Rural Environment. 19(1): 27-30
205	30.43	106.43	wheat	1.35	7.70	12.20	2.32	28.70	14.30	336.00	441.00	0.00	3.89	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
206	30.43	106.43	wheat	1.35	7.70	12.20	2.32	28.70	14.30	336.00	441.00	150.00	6.82	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
207	30.43	106.43	wheat	1.35	7.70	12.20	2.32	28.70	14.30	336.00	441.00	225.00	7.92	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
208	30.43	106.43	wheat	1.35	7.70	12.20	2.32	28.70	14.30	336.00	441.00	150.00	6.67	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
209	30.43	106.43	wheat	1.35	7.70	12.20	2.32	28.70	14.30	336.00	441.00	225.00	7.66	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
210	30.43	106.43	wheat	1.35	7.20	13.20	2.32	28.70	14.30	336.00	441.00	0.00	3.15	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
211	30.43	106.43	wheat	1.35	7.20	13.20	2.32	28.70	14.30	336.00	441.00	150.00	6.31	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
212	30.43	106.43	wheat	1.35	7.20	13.20	2.32	28.70	14.30	336.00	441.00	225.00	7.71	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
213	30.43	106.43	wheat	1.35	7.20	13.20	2.32	28.70	14.30	336.00	441.00	150.00	6.26	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
214	30.43	106.43	wheat	1.35	7.20	13.20	2.32	28.70	14.30	336.00	441.00	225.00	7.46	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
215	30.43	106.43	wheat	1.35	5.20	12.00	2.32	28.70	14.30	336.00	441.00	0.00	3.70	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
216	30.43	106.43	wheat	1.35	5.20	12.00	2.32	28.70	14.30	336.00	441.00	150.00	6.78	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
217	30.43	106.43	wheat	1.35	5.20	12.00	2.32	28.70	14.30	336.00	441.00	225.00	9.25	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
218	30.43	106.43	wheat	1.35	5.20	12.00	2.32	28.70	14.30	336.00	441.00	150.00	6.72	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
219	30.43	106.43	wheat	1.35	5.20	12.00	2.32	28.70	14.30	336.00	441.00	225.00	7.98	Yu G. et al. (1999). Study of N migration and leaching loss in purple soils. (in Chinese with English abstract). Journal of Southwest University. (3): 22-26
220	35.20	107.67	Wheat	1.38	8.30	10.50	0.57	22.80	19.90	385.50	933.00	0.00	6.00	Chen L. (2007). Research on nitrogen recycle and its effect on environment in dry-land of loss plateau. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Xianyang, China)
221	35.20	107.67	Wheat	1.38	8.30	10.50	0.57	22.80	19.90	385.50	933.00	0.00	15.70	Chen L. (2007). Research on nitrogen recycle and its effect on environment in dry-land of loss plateau. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Xianyang, China)
222	35.20	107.67	Wheat	1.38	8.30	10.50	0.57	22.80	19.90	385.50	933.00	120.00	73.50	Chen L. (2007). Research on nitrogen recycle and its effect on environment in dry-land of loss plateau. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Xianyang, China)
223	35.20	107.67	Wheat	1.38	8.30	10.50	0.57	22.80	19.90	385.50	933.00	120.00	44.40	Chen L. (2007). Research on nitrogen recycle and its effect on environment in dry-land of loss plateau. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Xianyang, China)
224	35.20	107.67	Wheat	1.38	8.30	10.50	0.57	22.80	19.90	385.50	933.00	120.00	21.50	Chen L. (2007). Research on nitrogen recycle and its effect on environment in dry-land of loss plateau. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Xianyang, China)
225	29.05	106.18	Wheat	1.39	5.10	22.70	1.61	23.29	13.90	528.00	744.00	0.00	3.92	Kuang F. (2016). Fate of N fertilizer and N balance in different cropping systems in purple soil areas of the upper reaches of Yangtze river. (in Chinese with English abstract). Doctor dissertation of China Agricultural University (Beijing, China)
226	29.05	106.18	Wheat	1.39	5.10	22.70	1.61	23.29	13.90	528.00	744.00	96.00	11.08	Kuang F. (2016). Fate of N fertilizer and N balance in different cropping systems in purple soil areas of the upper reaches of Yangtze river. (in Chinese with English abstract). Doctor dissertation of China Agricultural University (Beijing, China)
227	29.05	106.18	Wheat	1.39	5.10	22.70	1.61	23.29	13.90	528.00	744.00	180.00	13.11	Kuang F. (2016). Fate of N fertilizer and N balance in different cropping systems in purple soil areas of the upper reaches of Yangtze river. (in Chinese with English abstract). Doctor dissertation of China Agricultural University (Beijing, China)
228	31.55	120.70	wheat	1.48	7.36	35.00	0.75	20.82	12.40	420.00	693.00	0.00	2.74	Zhang J. et al. (2008). On nutrient leaching amount of rice-wheat rotation field with monolith lysimeter in Taihu Lake area. (in Chinese with English abstract). Soils. 40(4): 591-595
229	31.55	120.70	wheat	1.48	7.36	35.00	0.75	20.82	12.40	420.00	693.00	150.00	12.19	Zhang J. et al. (2008). On nutrient leaching amount of rice-wheat rotation field with monolith lysimeter in Taihu Lake area. (in Chinese with English abstract). Soils. 40(4): 591-595
230	31.55	120.70	wheat	1.48	7.36	35.00	0.75	20.82	12.40	420.00	693.00	225.00	14.01	Zhang J. et al. (2008). On nutrient leaching amount of rice-wheat rotation field with monolith lysimeter in Taihu Lake area. (in Chinese with English abstract). Soils. 40(4): 591-595
231	31.55	120.70	wheat	1.48	7.36	35.00	0.75	20.82	12.40	420.00	693.00	300.00	16.42	Zhang J. et al. (2008). On nutrient leaching amount of rice-wheat rotation field with monolith lysimeter in Taihu Lake area. (in Chinese with English abstract). Soils. 40(4): 591-595
232	31.30	121.00	wheat	1.43	7.36	35.00	1.30	21.24	10.40	634.20	548.10	0.00	2.05	Cao Y. etal. (2014). Improving agronomic practices to reduce nitrate leaching from the rice-wheat rotation system. Agriculture, Ecosystems & Environment. 195: 61-67
233	31.30	121.00	wheat	1.43	7.36	35.00	1.30	21.24	10.40	634.20	548.10	300.00	2.48	Cao Y. etal. (2014). Improving agronomic practices to reduce nitrate leaching from the rice-wheat rotation system. Agriculture, Ecosystems & Environment. 195: 61-67
234	31.30	121.00	wheat	1.43	7.36	35.00	1.30	21.24	10.40	634.20	548.10	0.00	0.44	Cao Y. etal. (2014). Improving agronomic practices to reduce nitrate leaching from the rice-wheat rotation system. Agriculture, Ecosystems & Environment. 195: 61-67
235	31.30	121.00	wheat	1.43	7.36	35.00	1.30	21.24	10.40	634.20	548.10	300.00	1.34	Cao Y. etal. (2014). Improving agronomic practices to reduce nitrate leaching from the rice-wheat rotation system. Agriculture, Ecosystems & Environment. 195: 61-67
236	31.30	121.00	wheat	1.43	7.36	35.00	1.30	21.24	10.40	634.20	548.10	225.00	1.15	Cao Y. etal. (2014). Improving agronomic practices to reduce nitrate leaching from the rice-wheat rotation system. Agriculture, Ecosystems & Environment. 195: 61-67
237	31.52	120.10	wheat	1.34	6.99	32.00	1.40	17.75	10.10	642.60	546.00	0.00	0.53	Yu Y. et al. (2011). Nitrogen use efficiency and loss from runoff and leaching in wheat season with rice-wheat rotation system under different nitrogen management methods in Taihu Lake region, China. (in Chinese with English abstract). Journal of Agro-Environment Science. 30(12): 2475-2482
238	31.52	120.10	wheat	1.34	6.99	32.00	1.40	17.75	10.10	642.60	546.00	180.00	1.22	Yu Y. et al. (2011). Nitrogen use efficiency and loss from runoff and leaching in wheat season with rice-wheat rotation system under different nitrogen management methods in Taihu Lake region, China. (in Chinese with English abstract). Journal of Agro-Environment Science. 30(12): 2475-2482
239	31.52	120.10	wheat	1.34	6.99	32.00	1.40	17.75	10.10	642.60	546.00	180.00	1.24	Yu Y. et al. (2011). Nitrogen use efficiency and loss from runoff and leaching in wheat season with rice-wheat rotation system under different nitrogen management methods in Taihu Lake region, China. (in Chinese with English abstract). Journal of Agro-Environment Science. 30(12): 2475-2482
240	31.52	120.10	wheat	1.34	6.99	32.00	1.40	17.75	10.10	642.60	546.00	240.00	1.55	Yu Y. et al. (2011). Nitrogen use efficiency and loss from runoff and leaching in wheat season with rice-wheat rotation system under different nitrogen management methods in Taihu Lake region, China. (in Chinese with English abstract). Journal of Agro-Environment Science. 30(12): 2475-2482
241	32.00	119.60	wheat	1.42	6.65	5.20	1.30	21.00	12.10	361.20	705.60	220.00	28.40	Li Y. et al. (2010). Experimental study on nitrogen leaching in a direct-seeding rice paddy of Taihu Lake basin. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 16(1): 99-104
242	39.80	116.46	wheat	1.36	8.10	12.16	1.01	19.76	6.23	100.80	866.40	0.00	0.10	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
243	39.80	116.46	wheat	1.36	8.10	12.16	1.01	19.76	6.23	100.80	866.40	110.00	1.00	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
244	39.80	116.46	wheat	1.36	8.10	12.16	1.01	19.76	6.23	100.80	866.40	300.00	0.60	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
245	39.80	116.46	wheat	1.36	8.10	12.16	1.01	19.76	6.23	100.80	866.40	0.00	0.40	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
246	39.80	116.46	wheat	1.36	8.10	12.16	1.01	19.76	6.23	100.80	866.40	150.00	1.60	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
247	39.80	116.46	wheat	1.36	8.10	12.16	1.01	19.76	6.23	100.80	866.40	300.00	3.90	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
248	39.80	116.46	wheat	1.36	8.10	12.16	1.01	19.76	6.23	100.80	866.40	0.00	0.10	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
249	39.80	116.46	wheat	1.36	8.10	12.16	1.01	19.76	6.23	100.80	866.40	150.00	1.60	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
250	39.80	116.46	wheat	1.36	8.10	12.16	1.01	19.76	6.23	100.80	866.40	300.00	3.20	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
251	34.06	108.03	wheat	1.20	7.38	17.10	1.02	17.00	21.80	303.00	939.00	0.00	5.75	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
252	34.06	108.03	wheat	1.20	7.38	17.10	1.02	17.00	21.80	303.00	939.00	190.00	19.83	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
253	34.06	108.03	wheat	1.20	7.38	17.10	1.02	17.00	21.80	303.00	939.00	150.00	11.83	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
254	34.06	108.03	wheat	1.20	7.38	17.10	1.02	17.00	21.80	303.00	939.00	75.00	8.17	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
255	34.06	108.03	wheat	1.20	7.38	17.10	1.02	17.00	21.80	303.00	939.00	225.00	18.00	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
256	34.06	108.03	wheat	1.20	7.38	17.10	1.02	17.00	21.40	382.50	730.50	0.00	1.42	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
257	34.06	108.03	wheat	1.20	7.38	17.10	1.02	17.00	21.40	382.50	730.50	190.00	10.00	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
258	34.06	108.03	wheat	1.20	7.38	17.10	1.02	17.00	21.40	382.50	730.50	150.00	7.92	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
259	34.06	108.03	wheat	1.20	7.38	17.10	1.02	17.00	21.40	382.50	730.50	75.00	3.17	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
260	34.06	108.03	wheat	1.20	7.38	17.10	1.02	17.00	21.40	382.50	730.50	225.00	15.75	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
261	43.82	125.32	maize	1.20	7.60	23.30	1.53	31.05	21.00	632.18	1041.55	0.00	2.23	Sun H. et al. (1995). The research of moving regularity on NO3-N of black soil and increasing utilization ratio of nitrogen fertilizer. (in Chinese with English abstract). Journal of Northeast Agricultural Sciences. (4): 61-66
262	43.82	125.32	maize	1.20	7.60	23.30	1.53	31.05	21.00	632.18	1041.55	165.00	3.05	Sun H. et al. (1995). The research of moving regularity on NO3-N of black soil and increasing utilization ratio of nitrogen fertilizer. (in Chinese with English abstract). Journal of Northeast Agricultural Sciences. (4): 61-66
263	43.82	125.32	maize	1.20	7.60	23.30	1.53	31.05	21.00	632.18	1041.55	247.50	4.52	Sun H. et al. (1995). The research of moving regularity on NO3-N of black soil and increasing utilization ratio of nitrogen fertilizer. (in Chinese with English abstract). Journal of Northeast Agricultural Sciences. (4): 61-66
264	43.82	125.32	maize	1.20	7.60	23.30	1.53	31.05	21.00	632.18	1041.55	330.00	6.18	Sun H. et al. (1995). The research of moving regularity on NO3-N of black soil and increasing utilization ratio of nitrogen fertilizer. (in Chinese with English abstract). Journal of Northeast Agricultural Sciences. (4): 61-66
265	43.82	125.32	maize	1.20	7.60	23.30	1.53	31.05	21.00	632.18	1041.55	165.00	2.78	Sun H. et al. (1995). The research of moving regularity on NO3-N of black soil and increasing utilization ratio of nitrogen fertilizer. (in Chinese with English abstract). Journal of Northeast Agricultural Sciences. (4): 61-66
266	43.82	125.32	maize	1.20	7.60	23.30	1.53	31.05	21.00	632.18	1041.55	165.00	2.76	Sun H. et al. (1995). The research of moving regularity on NO3-N of black soil and increasing utilization ratio of nitrogen fertilizer. (in Chinese with English abstract). Journal of Northeast Agricultural Sciences. (4): 61-66
267	43.82	125.32	maize	1.20	7.60	23.30	1.53	31.05	21.00	632.18	1041.55	247.50	5.07	Sun H. et al. (1995). The research of moving regularity on NO3-N of black soil and increasing utilization ratio of nitrogen fertilizer. (in Chinese with English abstract). Journal of Northeast Agricultural Sciences. (4): 61-66
268	43.82	125.32	maize	1.20	7.60	23.30	1.53	31.05	21.00	632.18	1041.55	247.50	4.63	Sun H. et al. (1995). The research of moving regularity on NO3-N of black soil and increasing utilization ratio of nitrogen fertilizer. (in Chinese with English abstract). Journal of Northeast Agricultural Sciences. (4): 61-66
269	43.82	125.32	maize	1.20	7.60	23.30	1.53	31.05	21.00	632.18	1041.55	247.50	5.76	Sun H. et al. (1995). The research of moving regularity on NO3-N of black soil and increasing utilization ratio of nitrogen fertilizer. (in Chinese with English abstract). Journal of Northeast Agricultural Sciences. (4): 61-66
270	40.13	116.66	maize	1.32	8.30	4.60	1.43	16.70	22.74	375.23	562.22	0.00	7.70	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
271	40.13	116.66	maize	1.32	8.30	4.60	1.43	16.70	22.74	375.23	562.22	180.00	32.50	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
272	40.13	116.66	maize	1.32	8.30	4.60	1.43	16.70	22.74	375.23	562.22	260.00	53.80	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
273	40.13	116.66	maize	1.32	8.30	4.60	1.43	16.70	22.74	375.23	562.22	360.00	86.40	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
274	40.13	116.66	maize	1.32	8.30	4.60	1.43	16.70	22.19	350.60	525.18	0.00	5.50	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
275	40.13	116.66	maize	1.32	8.30	4.60	1.43	16.70	22.19	350.60	525.18	180.00	16.10	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
276	40.13	116.66	maize	1.32	8.30	4.60	1.43	16.70	22.19	350.60	525.18	260.00	36.00	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
277	40.13	116.66	maize	1.32	8.30	4.60	1.43	16.70	22.19	350.60	525.18	360.00	74.10	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
278	40.13	116.66	maize	1.32	8.30	4.60	1.43	16.70	23.13	348.95	606.42	0.00	0.30	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
279	40.13	116.66	maize	1.32	8.30	4.60	1.43	16.70	23.13	348.95	606.42	180.00	0.90	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
280	40.13	116.66	maize	1.32	8.30	4.60	1.43	16.70	23.13	348.95	606.42	260.00	1.00	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
281	40.13	116.66	maize	1.32	8.30	4.60	1.43	16.70	23.13	348.95	606.42	360.00	4.00	Huang M. et al. (2011). Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. Nutrient Cycling Agroecosystems. 91(1): 77-89
282	36.19	117.12	maize	1.25	6.15	11.74	0.91	21.24	25.64	471.40	639.02	0.00	14.56	Li Z. et al. (2007). In situ study on influence of different fertilization strategies for summer maize on soil nitrogen leaching and volatilization. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 13(6): 998-1005

283	36.19	117.12	maize	1.25	6.15	11.74	0.91	21.24	25.64	471.40	639.02	480.00	27.49	Li Z. et al. (2007). In situ study on influence of different fertilization strategies for summer maize on soil nitrogen leaching and volatilization. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 13(6): 998-1005
284	36.19	117.12	maize	1.25	6.15	11.74	0.91	21.24	25.64	471.40	639.02	240.00	22.53	Li Z. et al. (2007). In situ study on influence of different fertilization strategies for summer maize on soil nitrogen leaching and volatilization. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 13(6): 998-1005
285	36.96	118.09	maize	1.45	8.00	23.30	1.16	11.60	25.32	364.01	834.58	0.00	35.90	Lin L. (2011). Evaluation of nitrogen loss way, water and nitrogen use efficiencies in water wheat and summer maize rotation system under different fertilizer N managements—a case study in Huantai county. (in Chinese with English abstract). Master dissertation of Shandong Agricultral University (Taian, China)
286	36.96	118.09	maize	1.45	8.00	23.30	1.16	11.60	25.32	364.01	834.58	330.00	47.40	Lin L. (2011). Evaluation of nitrogen loss way, water and nitrogen use efficiencies in water wheat and summer maize rotation system under different fertilizer N managements—a case study in Huantai county. (in Chinese with English abstract). Master dissertation of Shandong Agricultral University (Taian, China)
287	34.77	117.13	maize	1.45	8.30	15.30	0.85	14.70	25.50	533.99	603.68	0.00	0.32	Tan D. et al. (2011). In situ study on influences of different fertilization patterns on inorganic nitrogen losses through leaching and runoff: a case of field in Nansi Lake basin. (in Chinese with English abstract). 31(12): 3488-3496
288	34.77	117.13	maize	1.45	8.30	15.30	0.85	14.70	25.50	533.99	603.68	345.00	0.90	Tan D. et al. (2011). In situ study on influences of different fertilization patterns on inorganic nitrogen losses through leaching and runoff: a case of field in Nansi Lake basin. (in Chinese with English abstract). 31(12): 3488-3496
289	34.77	117.13	maize	1.45	8.30	15.30	0.85	14.70	25.50	533.99	603.68	0.00	0.42	Tan D. et al. (2011). In situ study on influences of different fertilization patterns on inorganic nitrogen losses through leaching and runoff: a case of field in Nansi Lake basin. (in Chinese with English abstract). 31(12): 3488-3496
290	34.77	117.13	maize	1.45	8.30	15.30	0.85	14.70	25.50	533.99	603.68	179.40	0.67	Tan D. et al. (2011). In situ study on influences of different fertilization patterns on inorganic nitrogen losses through leaching and runoff: a case of field in Nansi Lake basin. (in Chinese with English abstract). 31(12): 3488-3496
291	45.77	126.66	Maize	1.26	8.44	9.59	1.47	23.31	19.03	470.00	982.60	0.00	0.00	Tan D. et al. (2011). In situ study on influences of different fertilization patterns on inorganic nitrogen losses through leaching and runoff: a case of field in Nansi Lake basin. (in Chinese with English abstract). 31(12): 3488-3496
292	45.77	126.66	Maize	1.26	8.44	9.59	1.47	23.31	19.03	470.00	982.60	160.00	107.60	Zhang X. (2016). Effects of nitrogen application approaches on the corn yield and characteristics of nitrogen release. (in Chinese with English abstract). Master dissertation of Northeast Agricultral University (Harbin, China)
293	45.77	126.66	Maize	1.26	8.44	9.59	1.47	23.31	19.03	470.00	982.60	200.00	87.70	Zhang X. (2016). Effects of nitrogen application approaches on the corn yield and characteristics of nitrogen release. (in Chinese with English abstract). Master dissertation of Northeast Agricultral University (Harbin, China)
294	45.77	126.66	Maize	1.26	8.44	9.59	1.47	23.31	19.03	470.00	982.60	160.00	54.50	Zhang X. (2016). Effects of nitrogen application approaches on the corn yield and characteristics of nitrogen release. (in Chinese with English abstract). Master dissertation of Northeast Agricultral University (Harbin, China)
295	45.77	126.66	Maize	1.26	8.44	9.59	1.47	23.31	19.03	470.00	982.60	200.00	112.85	Zhang X. (2016). Effects of nitrogen application approaches on the corn yield and characteristics of nitrogen release. (in Chinese with English abstract). Master dissertation of Northeast Agricultral University (Harbin, China)
296	40.22	116.23	maize	1.32	8.65	11.37	0.69	17.00	20.03	393.00	619.81	0.00	3.20	Yuan F. et al. (1995). NO3--N transformation accumulation and leaching loss in surface layer of chao-soil in Beijing. (in Chinese with English abstract). Acta Pedologica Sinica. 32(4): 388-399
297	40.22	116.23	maize	1.32	8.65	11.37	0.69	17.00	20.03	393.00	619.81	150.00	5.20	Yuan F. et al. (1995). NO3--N transformation accumulation and leaching loss in surface layer of chao-soil in Beijing. (in Chinese with English abstract). Acta Pedologica Sinica. 32(4): 388-399
298	40.22	116.23	maize	1.32	8.65	11.37	0.69	17.00	20.03	393.00	619.81	225.00	4.97	Yuan F. et al. (1995). NO3--N transformation accumulation and leaching loss in surface layer of chao-soil in Beijing. (in Chinese with English abstract). Acta Pedologica Sinica. 32(4): 388-399
299	40.22	116.23	maize	1.32	8.65	11.37	0.69	17.00	20.03	393.00	619.81	150.00	4.01	Yuan F. et al. (1995). NO3--N transformation accumulation and leaching loss in surface layer of chao-soil in Beijing. (in Chinese with English abstract). Acta Pedologica Sinica. 32(4): 388-399
300	40.22	116.23	maize	1.32	8.65	11.37	0.69	17.00	20.03	393.00	619.81	150.00	3.80	Yuan F. et al. (1995). NO3--N transformation accumulation and leaching loss in surface layer of chao-soil in Beijing. (in Chinese with English abstract). Acta Pedologica Sinica. 32(4): 388-399
301	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.23	324.39	977.21	0.00	5.88	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
302	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.23	324.39	977.21	165.00	8.45	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
303	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.23	324.39	977.21	330.00	12.23	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
304	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.03	445.52	764.01	0.00	1.84	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
305	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.03	445.52	764.01	165.00	2.12	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
306	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.03	445.52	764.01	330.00	3.27	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
307	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.53	465.88	772.68	0.00	2.72	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
308	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.53	465.88	772.68	165.00	4.05	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
309	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.53	465.88	772.68	330.00	13.86	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
310	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	21.73	607.01	785.46	0.00	0.47	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
311	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	21.73	607.01	785.46	165.00	1.63	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
312	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	21.73	607.01	785.46	330.00	10.22	Ding Y. (2015). Characteristics of N leaching and apparent N budget in cultivated lands under a winter wheat-summer maize rotation system in Guanzhong plain. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
313	38.12	102.66	maize	1.20	7.38	17.06	0.85	36.10	22.62	396.18	671.26	0.00	1.81	Zhang K. (2015). Effects of nitrogen use for soil nitrate nitrogen and yield of wheat and maize. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
314	38.12	102.66	maize	1.20	7.38	17.06	0.85	36.10	22.62	396.18	671.26	165.00	3.25	Zhang K. (2015). Effects of nitrogen use for soil nitrate nitrogen and yield of wheat and maize. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
315	38.12	102.66	maize	1.20	7.38	17.06	0.85	36.10	22.62	396.18	671.26	330.00	7.74	Zhang K. (2015). Effects of nitrogen use for soil nitrate nitrogen and yield of wheat and maize. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
316	35.91	111.37	maize	1.20	7.38	17.06	0.85	36.10	23.70	369.50	785.46	0.00	0.99	Zhang B. et al. (2002). Water and nitrogen evaluation for irrigated field of winter wheat-summer maize cropping system. (in Chinese with English abstract). Master dissertation of China Agricultural University (Beijing, China)
317	35.91	111.37	maize	1.20	7.38	17.06	0.85	36.10	23.70	369.50	785.46	165.00	2.13	Zhang B. et al. (2002). Water and nitrogen evaluation for irrigated field of winter wheat-summer maize cropping system. (in Chinese with English abstract). Master dissertation of China Agricultural University (Beijing, China)
318	35.91	111.37	maize	1.20	7.38	17.06	0.85	36.10	23.70	369.50	785.46	330.00	10.51	Zhang B. et al. (2002). Water and nitrogen evaluation for irrigated field of winter wheat-summer maize cropping system. (in Chinese with English abstract). Master dissertation of China Agricultural University (Beijing, China)
319	38.46	112.49	maize	1.20	7.38	17.06	0.85	36.10	22.45	478.44	785.46	0.00	2.30	Zhang B. et al. (2002). Water and nitrogen evaluation for irrigated field of winter wheat-summer maize cropping system. (in Chinese with English abstract). Master dissertation of China Agricultural University (Beijing, China)
320	38.46	112.49	maize	1.20	7.38	17.06	0.85	36.10	22.45	478.44	785.46	165.00	2.64	Zhang B. et al. (2002). Water and nitrogen evaluation for irrigated field of winter wheat-summer maize cropping system. (in Chinese with English abstract). Master dissertation of China Agricultural University (Beijing, China)
321	38.46	112.49	maize	1.20	7.38	17.06	0.85	36.10	22.45	478.44	785.46	330.00	12.15	Zhang B. et al. (2002). Water and nitrogen evaluation for irrigated field of winter wheat-summer maize cropping system. (in Chinese with English abstract). Master dissertation of China Agricultural University (Beijing, China)
322	39.60	116.00	maize	1.36	8.30	15.90	0.09	19.80	20.87	506.15	701.40	0.00	0.64	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
323	39.60	116.00	maize	1.36	8.30	15.90	0.09	19.80	20.87	506.15	701.40	50.00	1.17	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
324	39.60	116.00	maize	1.36	8.30	15.90	0.09	19.80	20.87	506.15	701.40	100.00	4.04	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
325	39.60	116.00	maize	1.36	8.30	15.90	0.09	19.80	20.87	506.15	701.40	150.00	5.02	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
326	39.60	116.00	maize	1.36	8.30	15.90	0.09	19.80	20.87	506.15	701.40	200.00	6.75	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
327	39.60	116.00	maize	1.36	8.30	15.90	0.09	19.80	20.87	506.15	701.40	250.00	8.86	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
328	39.60	116.00	maize	1.36	8.30	15.90	0.09	19.80	20.87	506.15	701.40	300.00	9.62	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
329	39.60	116.00	maize	1.36	8.30	15.90	0.09	19.80	20.87	506.15	701.40	400.00	9.78	Shan N. (2014). Nitrogen utilization and loss in wheat wheat-summer maize rotation system of Beijing suburb. (in Chinese with English abstract). Master dissertation of Hebei Agricultural University (Baoding, China)
330	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.03	445.52	764.01	0.00	1.20	Yin X. (2010). Characteristics of nitrogen fertilizer utilization and nitrate-N leaching in the Guanzhong area. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
331	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.03	445.52	764.01	280.00	3.14	Yin X. (2010). Characteristics of nitrogen fertilizer utilization and nitrate-N leaching in the Guanzhong area. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
332	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.03	445.52	764.01	180.00	1.35	Yin X. (2010). Characteristics of nitrogen fertilizer utilization and nitrate-N leaching in the Guanzhong area. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
333	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.03	445.52	764.01	90.00	1.31	Yin X. (2010). Characteristics of nitrogen fertilizer utilization and nitrate-N leaching in the Guanzhong area. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
334	34.07	108.03	maize	1.20	7.38	17.06	0.85	36.10	22.03	445.52	764.01	270.00	3.33	Yin X. (2010). Characteristics of nitrogen fertilizer utilization and nitrate-N leaching in the Guanzhong area. (in Chinese with English abstract). Master dissertation of Northwest A&F University (Yangling, China)
335	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.24	410.56	708.04	0.00	29.60	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
336	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.24	410.56	708.04	120.00	69.50	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
337	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.24	410.56	708.04	210.00	57.30	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
338	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.24	410.56	708.04	0.00	33.50	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
339	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.24	410.56	708.04	120.00	53.40	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
340	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.24	410.56	708.04	210.00	72.70	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
341	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.04	440.08	612.05	0.00	8.40	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
342	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.04	440.08	612.05	120.00	28.30	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
343	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.04	440.08	612.05	210.00	65.30	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
344	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.04	440.08	612.05	0.00	5.00	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
345	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.04	440.08	612.05	120.00	19.50	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
346	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.04	440.08	612.05	210.00	39.50	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
347	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.04	440.08	612.05	0.00	2.00	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
348	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.04	440.08	612.05	120.00	33.10	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
349	39.65	116.25	maize	1.37	8.20	12.20	0.81	33.90	21.04	440.08	612.05	210.00	48.60	Wang Z. et al. (2014). Effects of drip irrigation system uniformity and nitrogen applied on deep percolation and nitrate leaching during growing seasons of spring maize in semi-humid region. Irrigation Science. 32(3): 221-236
350	40.55	116.17	Maize	1.37	7.80	14.93	0.81	19.76	19.85	458.16	844.00	0.00	0.00	Xiao Q.et al. (2012). Study of slightly-water-soluble slow-release fertilizer on spring corn and environment effect under the condition of different irrigation amount. Journal of Nuclear Agricultural Sciences. 26: 930-935
351	40.55	116.17	Maize	1.37	7.80	14.93	0.81	19.76	19.85	458.16	844.00	150.00	85.00	Xiao Q.et al. (2012). Study of slightly-water-soluble slow-release fertilizer on spring corn and environment effect under the condition of different irrigation amount. Journal of Nuclear Agricultural Sciences. 26: 930-935
352	43.28	124.17	maize	1.37	8.20	12.20	0.81	33.90	21.24	410.56	708.04	0.00	16.40	Wu Z. et al. (2007). Effects of maize yield on coated compound fertilizer. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 6(4): 34-42
353	43.28	124.17	maize	1.37	8.20	12.20	0.81	33.90	21.24	410.56	708.04	120.00	51.90	Wu Z. et al. (2007). Effects of maize yield on coated compound fertilizer. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 6(4): 34-42
354	43.28	124.17	maize	1.37	8.20	12.20	0.81	33.90	21.24	410.56	708.04	210.00	55.50	Wu Z. et al. (2007). Effects of maize yield on coated compound fertilizer. (in Chinese with English abstract). Plant Nutrition and Fertilizer Science. 6(4): 34-42
355	29.05	106.18	maize	1.35	5.10	22.70	1.61	23.30	26.50	767.70	776.20	0.00	1.29	Kuang F. (2016). Fate of N fertilizer and N balance in different cropping systems in purple soil areas of the upper reaches of the Yangtze River. (in Chinese with English abstract). Doctor dissertation of China Agricultural University (Beijing, China)
356	29.05	106.18	maize	1.35	5.10	22.70	1.61	23.30	26.50	767.70	776.20	150.00	2.48	Kuang F. (2016). Fate of N fertilizer and N balance in different cropping systems in purple soil areas of the upper reaches of the Yangtze River. (in Chinese with English abstract). Doctor dissertation of China Agricultural University (Beijing, China)
357	29.05	106.18	maize	1.35	5.10	22.70	1.61	23.30	26.50	767.70	776.20	225.00	6.39	Kuang F. (2016). Fate of N fertilizer and N balance in different cropping systems in purple soil areas of the upper reaches of the Yangtze River. (in Chinese with English abstract). Doctor dissertation of China Agricultural University (Beijing, China)
358	39.80	116.47	maize	1.31	8.10	12.24	0.80	33.90	21.24	410.56	708.04	0.00	1.40	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
359	39.80	116.47	maize	1.31	8.10	12.24	0.80	33.90	21.24	410.56	708.04	212.00	27.70	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
360	39.80	116.47	maize	1.31	8.10	12.24	0.80	33.90	21.24	410.56	708.04	260.00	41.40	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
361	39.80	116.47	maize	1.33	8.10	12.24	0.80	33.90	21.04	440.08	612.05	0.00	3.60	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
362	39.80	116.47	maize	1.33	8.10	12.24	0.80	33.90	21.04	440.08	612.05	130.00	10.60	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
363	39.80	116.47	maize	1.33	8.10	12.24	0.80	33.90	21.04	440.08	612.05	260.00	33.90	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
364	39.80	116.47	maize	1.47	8.10	12.24	0.80	33.90	21.46	372.73	708.04	0.00	0.80	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
365	39.80	116.47	maize	1.47	8.10	12.24	0.80	33.90	21.46	372.73	708.04	130.00	10.90	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
366	39.80	116.47	maize	1.47	8.10	12.24	0.80	33.90	21.46	372.73	708.04	260.00	18.30	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
367	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.03	445.52	764.01	0.00	2.00	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
368	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.03	445.52	764.01	280.00	9.42	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
369	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.03	445.52	764.01	180.00	2.83	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
370	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.03	445.52	764.01	270.00	5.33	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
371	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.53	465.88	772.68	0.00	1.25	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
372	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.53	465.88	772.68	280.00	9.50	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
373	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.53	465.88	772.68	180.00	9.75	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
374	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.53	465.88	772.68	270.00	20.75	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
375	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	21.73	607.01	785.46	0.00	0.33	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
376	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	21.73	607.01	785.46	280.00	15.00	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
377	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	21.73	607.01	785.46	180.00	10.08	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
378	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	21.73	607.01	785.46	90.00	1.42	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10

379	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	21.73	607.01	785.46	270.00	15.00	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
380	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.62	396.18	671.26	0.00	1.83	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
381	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.62	396.18	671.26	280.00	11.92	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
382	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.62	396.18	671.26	180.00	7.92	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
383	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.62	396.18	671.26	90.00	3.42	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
384	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	22.62	396.18	671.26	270.00	7.83	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
385	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	23.70	369.50	785.46	0.00	0.92	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
386	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	23.70	369.50	785.46	280.00	17.67	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
387	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	23.70	369.50	785.46	180.00	10.42	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
388	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	23.70	369.50	785.46	90.00	2.00	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
389	34.07	108.03	maize	1.20	7.38	17.10	0.85	36.10	23.70	369.50	785.46	270.00	18.58	Yang X. et al. (2017). Optimising nitrogen fertilisation: a key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). Field Crops Research. 206: 1-10
390	28.32	113.82	maize	1.36	5.75	14.57	1.02	36.00	25.00	740.00	426.00	0.00	9.25	Xie Y. et al. (2017). Effects of CRNF application on nitrogen dynamics and loss of leachate water in spring maize soil in hilly area of South China. (in Chinese with English abstract). Journal of Soil and Water Conservation. 31(4): 211-218
391	28.32	113.82	maize	1.36	5.75	14.57	1.02	36.00	25.00	740.00	426.00	240.00	63.38	Xie Y. et al. (2017). Effects of CRNF application on nitrogen dynamics and loss of leachate water in spring maize soil in hilly area of South China. (in Chinese with English abstract). Journal of Soil and Water Conservation. 31(4): 211-218
392	26.87	107.10	maize	1.47	7.30	40.00	1.63	37.20	22.00	753.00	539.00	0.00	1.47	Jiang Y. (2018). Effects of nitrogen cycle character on corn and tobacco crop rotation system in Guizhou yellow soil. (in Chinese with English abstract). Doctor dissertation of Heilongjiang Bayi Agricultural University (Daqing, China)
393	26.87	107.10	maize	1.47	7.30	40.00	1.63	37.20	22.00	753.00	539.00	120.00	3.18	Jiang Y. (2018). Effects of nitrogen cycle character on corn and tobacco crop rotation system in Guizhou yellow soil. (in Chinese with English abstract). Doctor dissertation of Heilongjiang Bayi Agricultural University (Daqing, China)
394	26.87	107.10	maize	1.47	7.30	40.00	1.63	37.20	22.00	753.00	539.00	120.00	1.78	Jiang Y. (2018). Effects of nitrogen cycle character on corn and tobacco crop rotation system in Guizhou yellow soil. (in Chinese with English abstract). Doctor dissertation of Heilongjiang Bayi Agricultural University (Daqing, China)
395	36.15	117.15	maize	1.43	7.70	17.70	0.86	48.00	25.00	272.00	742.00	0.00	1.97	Jia X. (2018). Effects of mixed organic and inorganic N fertilizer on soil fertility and nitrogen balance of summer maize. (in Chinese with English abstract). Master dissertation of Shandong Agricultral University (Taian, China)
396	36.15	117.15	maize	1.43	7.70	17.70	0.86	48.00	25.00	272.00	742.00	200.00	22.10	Jia X. (2018). Effects of mixed organic and inorganic N fertilizer on soil fertility and nitrogen balance of summer maize. (in Chinese with English abstract). Master dissertation of Shandong Agricultral University (Taian, China)
397	31.27	100.47	maize	1.32	8.30	10.95	0.55	30.13	22.77	484.21	435.01	0.00	3.13	Zhou M. et al. (2014). N2O and CH4 emissions, and NO3- leaching on a crop-yield basis from a subtropical rain-fed wheat-maize rotation in response to different types of nitrogen fertilizer. Ecosystems. 17(2): 286-301
398	31.27	100.47	maize	1.32	8.30	10.95	0.55	30.13	22.77	484.21	435.01	150.00	62.14	Zhou M. et al. (2014). N2O and CH4 emissions, and NO3- leaching on a crop-yield basis from a subtropical rain-fed wheat-maize rotation in response to different types of nitrogen fertilizer. Ecosystems. 17(2): 286-301
399	31.27	105.47	maize	1.33	8.30	8.75	0.62	30.13	23.92	277.79	723.85	0.00	11.00	Zhu B. et al. (2009). Measurements of nitrate leaching from a hillslope cropland in the Central Sichuan Basin, China. Soil Science Society of America Journal. 73(4): 1419-1426
400	31.27	105.47	maize	1.33	8.30	8.75	0.62	30.13	23.92	277.79	723.85	150.00	20.00	Zhu B. et al. (2009). Measurements of nitrate leaching from a hillslope cropland in the Central Sichuan Basin, China. Soil Science Society of America Journal. 73(4): 1419-1426
401	31.27	105.47	maize	1.33	8.30	8.75	0.62	30.13	23.92	277.79	723.85	0.00	21.00	Zhu B. et al. (2009). Measurements of nitrate leaching from a hillslope cropland in the Central Sichuan Basin, China. Soil Science Society of America Journal. 73(4): 1419-1426
402	31.27	105.47	maize	1.33	8.30	8.75	0.62	30.13	23.92	277.79	723.85	150.00	39.00	Zhu B. et al. (2009). Measurements of nitrate leaching from a hillslope cropland in the Central Sichuan Basin, China. Soil Science Society of America Journal. 73(4): 1419-1426
403	31.27	105.45	maize	1.45	8.83	8.75	0.62	30.13	23.92	277.79	723.85	0.00	1.03	Wang T. et al. (2009). Effects of fertilization on nitrogen leaching from hillslope cropland of purple soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 28(4): 716-722
404	31.27	105.45	maize	1.45	8.83	8.75	0.62	30.13	23.92	277.79	723.85	150.00	44.31	Wang T. et al. (2009). Effects of fertilization on nitrogen leaching from hillslope cropland of purple soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 28(4): 716-722
405	31.27	105.45	maize	1.45	8.83	8.75	0.62	30.13	23.92	277.79	723.85	150.00	23.21	Wang T. et al. (2009). Effects of fertilization on nitrogen leaching from hillslope cropland of purple soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 28(4): 716-722
406	31.27	105.45	maize	1.45	8.83	8.75	0.62	30.13	23.92	277.79	723.85	150.00	20.28	Wang T. et al. (2009). Effects of fertilization on nitrogen leaching from hillslope cropland of purple soil. (in Chinese with English abstract). Journal of Agro-Environment Science. 28(4): 716-722
407	34.28	108.00	maize	1.20	7.38	17.06	0.85	25.00	23.16	330.98	803.61	0.00	0.11	Yin X. et al. (2010). Nitrate leaching characteristics of wheat-corn rotation farmland in Guanzhong area of Shaanxi. Chinese Journal of Applied Ecology. 21(3): 640-646
408	34.28	108.00	maize	1.20	7.38	17.06	0.85	25.00	23.16	330.98	803.61	280.00	0.14	Yin X. et al. (2010). Nitrate leaching characteristics of wheat-corn rotation farmland in Guanzhong area of Shaanxi. Chinese Journal of Applied Ecology. 21(3): 640-646
409	34.28	108.00	maize	1.20	7.38	17.06	0.85	25.00	23.16	330.98	803.61	180.00	0.36	Yin X. et al. (2010). Nitrate leaching characteristics of wheat-corn rotation farmland in Guanzhong area of Shaanxi. Chinese Journal of Applied Ecology. 21(3): 640-646
410	34.28	108.00	maize	1.20	7.38	17.06	0.85	25.00	23.16	330.98	803.61	90.00	0.24	Yin X. et al. (2010). Nitrate leaching characteristics of wheat-corn rotation farmland in Guanzhong area of Shaanxi. (in Chinese with English abstract). Chinese Journal of Applied Ecology. 21(3): 640-646
411	34.28	108.00	maize	1.20	7.38	17.06	0.85	25.00	23.16	330.98	803.61	270.00	0.50	Yin X. et al. (2010). Nitrate leaching characteristics of wheat-corn rotation farmland in Guanzhong area of Shaanxi. Chinese Journal of Applied Ecology. 21(3): 640-646
412	34.77	117.03	maize	1.15	8.30	15.30	0.85	33.30	26.13	570.79	707.62	0.00	0.21	Tan D. et al. (2013). An in situ study of inorganic nitrogen flow under different fertilization treatments on a wheat-maize rotation system surrounding Nansi Lake, China. Agricultural Water Management. 123: 45-54
413	34.77	117.03	maize	1.15	8.30	15.30	0.85	33.30	26.13	570.79	707.62	345.00	0.83	Tan D. et al. (2013). An in situ study of inorganic nitrogen flow under different fertilization treatments on a wheat-maize rotation system surrounding Nansi Lake, China. Agricultural Water Management. 123: 45-54
414	34.77	117.03	maize	1.15	8.30	15.30	0.85	33.30	26.13	570.79	707.62	0.00	0.28	Tan D. et al. (2013). An in situ study of inorganic nitrogen flow under different fertilization treatments on a wheat-maize rotation system surrounding Nansi Lake, China. Agricultural Water Management. 123: 45-54
415	34.77	117.03	maize	1.15	8.30	15.30	0.85	33.30	26.13	570.79	707.62	180.00	0.67	Tan D. et al. (2013). An in situ study of inorganic nitrogen flow under different fertilization treatments on a wheat-maize rotation system surrounding Nansi Lake, China. Agricultural Water Management. 123: 45-54
416	39.80	116.47	maize	1.36	8.10	12.24	0.80	19.76	23.60	561.60	792.00	0.00	1.40	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
417	39.80	116.47	maize	1.36	8.10	12.24	0.80	19.76	23.60	561.60	792.00	212.00	27.70	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
418	39.80	116.47	maize	1.36	8.10	12.24	0.80	19.76	23.60	561.60	792.00	260.00	41.40	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
419	39.80	116.47	maize	1.36	8.10	12.24	0.80	19.76	23.30	648.00	660.00	0.00	3.60	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
420	39.80	116.47	maize	1.36	8.10	12.24	0.80	19.76	23.30	648.00	660.00	130.00	10.60	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
421	39.80	116.47	maize	1.36	8.10	12.24	0.80	19.76	23.30	648.00	660.00	260.00	33.90	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
422	39.80	116.47	maize	1.36	8.10	12.24	0.80	19.76	23.50	480.00	792.00	0.00	0.80	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
423	39.80	116.47	maize	1.36	8.10	12.24	0.80	19.76	23.50	480.00	792.00	130.00	10.90	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
424	39.80	116.47	maize	1.36	8.10	12.24	0.80	19.76	23.50	480.00	792.00	260.00	18.30	Huang T. et al. (2017). Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. Scientific Reports. 7, 42247
425	38.50	106.30	fruit	1.38	8.27	30.10	1.96	22.64	15.90	53.10	396.90	0.00	27.84	Zhao Y. et al. (2011). Effect of fertilization on nitrogen leaching loss from soil and nutrients utilization by tomato and cucumber in greenhouse. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 17(2): 374-383
426	38.50	106.30	fruit	1.38	8.27	30.10	1.96	22.64	15.90	53.10	396.90	900.00	75.27	Zhao Y. et al. (2011). Effect of fertilization on nitrogen leaching loss from soil and nutrients utilization by tomato and cucumber in greenhouse. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 17(2): 374-383
427	38.50	106.30	fruit	1.38	8.27	30.10	1.96	22.64	15.90	53.10	396.90	750.00	58.31	Zhao Y. et al. (2011). Effect of fertilization on nitrogen leaching loss from soil and nutrients utilization by tomato and cucumber in greenhouse. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 17(2): 374-383
428	38.50	106.30	fruit	1.38	8.27	30.10	1.96	22.64	15.90	53.10	396.90	900.00	66.89	Zhao Y. et al. (2011). Effect of fertilization on nitrogen leaching loss from soil and nutrients utilization by tomato and cucumber in greenhouse. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 17(2): 374-383
429	38.50	106.30	fruit	1.38	8.27	30.10	1.96	22.64	15.90	53.10	396.90	750.00	55.03	Zhao Y. et al. (2011). Effect of fertilization on nitrogen leaching loss from soil and nutrients utilization by tomato and cucumber in greenhouse. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 17(2): 374-383
430	36.90	118.80	fruit	1.37	6.70	19.31	0.80	23.86	13.90	20.90	55.22	0.00	15.00	Song, X.Z., Zhao, C.X., Wang, X.L., Li, J., 2009. Study of nitrate leaching and nitrogen fate under intensive vegetable production patter in northern China. Comptes Rendus Biologies 322, 385-392.
431	36.90	118.80	fruit	1.37	6.70	19.31	0.80	23.86	13.90	20.90	55.22	325.00	169.00	Song, X.Z., Zhao, C.X., Wang, X.L., Li, J., 2009. Study of nitrate leaching and nitrogen fate under intensive vegetable production patter in northern China. Comptes Rendus Biologies 322, 385-392.
432	36.90	118.80	fruit	1.37	6.70	19.31	0.80	23.86	13.90	20.90	55.22	493.00	261.00	Song, X.Z., Zhao, C.X., Wang, X.L., Li, J., 2009. Study of nitrate leaching and nitrogen fate under intensive vegetable production patter in northern China. Comptes Rendus Biologies 322, 385-392.
433	36.90	118.80	fruit	1.37	6.70	19.31	0.80	23.86	13.90	20.90	55.22	207.00	152.00	Song, X.Z., Zhao, C.X., Wang, X.L., Li, J., 2009. Study of nitrate leaching and nitrogen fate under intensive vegetable production patter in northern China. Comptes Rendus Biologies 322, 385-392.
434	36.90	118.80	fruit	1.37	6.70	19.31	0.80	23.86	13.90	20.90	55.22	504.00	347.00	Song, X.Z., Zhao, C.X., Wang, X.L., Li, J., 2009. Study of nitrate leaching and nitrogen fate under intensive vegetable production patter in northern China. Comptes Rendus Biologies 322, 385-392.
435	41.81	123.43	vegetable	1.41	6.75	24.30	1.16	22.06	21.50	233.10	628.20	0.00	23.18	Ge X. et al. (1999). Study on nitrogen cycle in vegetable field under long-term localized nitrogen application. (in Chinese). China Vegetables. 1: 13-17
436	41.81	123.43	vegetable	1.41	6.75	24.30	1.16	22.06	21.50	233.10	628.20	300.00	126.76	Ge X. et al. (1999). Study on nitrogen cycle in vegetable field under long-term localized nitrogen application. (in Chinese). China Vegetables. 1: 13-17
437	41.81	123.43	vegetable	1.41	6.75	24.30	1.16	22.06	21.50	233.10	628.20	300.00	45.66	Ge X. et al. (1999). Study on nitrogen cycle in vegetable field under long-term localized nitrogen application. (in Chinese). China Vegetables. 1: 13-17
438	31.16	121.74	vegetable	1.36	7.93	24.20	0.86	25.00	13.50	342.00	435.60	0.00	10.00	Hou J. (2006). Leaching of TIN on vegetable open field in Pudong new district. (in Chinese with English abstract). Master dissertation of East China Normal University. (Shanghai, China)
439	31.16	121.74	vegetable	1.36	8.11	27.80	0.62	25.00	13.50	342.00	435.60	192.00	16.21	Hou J. (2006). Leaching of TIN on vegetable open field in Pudong new district. (in Chinese with English abstract). Master dissertation of East China Normal University. (Shanghai, China)
440	31.16	121.74	vegetable	1.36	7.95	28.40	0.99	25.00	13.50	342.00	435.60	217.50	21.79	Hou J. (2006). Leaching of TIN on vegetable open field in Pudong new district. (in Chinese with English abstract). Master dissertation of East China Normal University. (Shanghai, China)
441	31.16	121.74	vegetable	1.36	8.37	33.90	1.04	25.00	28.30	340.20	537.30	0.00	3.66	Hou J. (2006). Leaching of TIN on vegetable open field in Pudong new district. (in Chinese with English abstract). Master dissertation of East China Normal University. (Shanghai, China)
442	31.16	121.74	vegetable	1.36	8.17	24.10	1.15	25.00	28.30	340.20	537.30	97.05	9.57	Hou J. (2006). Leaching of TIN on vegetable open field in Pudong new district. (in Chinese with English abstract). Master dissertation of East China Normal University. (Shanghai, China)
443	31.16	121.74	vegetable	1.36	8.00	30.40	1.57	25.00	28.30	340.20	537.30	111.75	16.11	Hou J. (2006). Leaching of TIN on vegetable open field in Pudong new district. (in Chinese with English abstract). Master dissertation of East China Normal University. (Shanghai, China)
444	31.16	121.74	vegetable	1.36	8.54	22.60	1.22	25.00	20.40	245.70	312.30	0.00	6.72	Hou J. (2006). Leaching of TIN on vegetable open field in Pudong new district. (in Chinese with English abstract). Master dissertation of East China Normal University. (Shanghai, China)
445	31.16	121.74	vegetable	1.36	8.06	28.50	1.43	25.00	20.40	245.70	312.30	86.40	13.54	Hou J. (2006). Leaching of TIN on vegetable open field in Pudong new district. (in Chinese with English abstract). Master dissertation of East China Normal University. (Shanghai, China)
446	31.16	121.74	vegetable	1.36	8.28	25.60	1.39	25.00	20.40	245.70	312.30	101.25	17.69	Hou J. (2006). Leaching of TIN on vegetable open field in Pudong new district. (in Chinese with English abstract). Master dissertation of East China Normal University. (Shanghai, China)
447	24.90	102.80	vegetable	1.21	6.20	37.00	2.14	28.80	18.70	516.00	492.00	0.00	7.66	Hu W. et al. (2006). Analysis on runoff of nitrogen protective celery field in Dianchi lake drainage areas. (in Chinese with English abstract). Journal of Yunnan Agricultural University(Natural Science). 21(5): 670-672+680
448	24.90	102.80	vegetable	1.21	6.20	37.00	2.14	28.80	18.70	516.00	492.00	450.00	41.69	Hu W. et al. (2006). Analysis on runoff of nitrogen protective celery field in Dianchi lake drainage areas. (in Chinese with English abstract). Journal of Yunnan Agricultural University(Natural Science). 21(5): 670-672+680
449	24.90	102.80	vegetable	1.21	6.20	37.00	2.14	28.80	18.70	516.00	492.00	1200.00	79.48	Hu W. et al. (2006). Analysis on runoff of nitrogen protective celery field in Dianchi lake drainage areas. (in Chinese with English abstract). Journal of Yunnan Agricultural University(Natural Science). 21(5): 670-672+680
450	40.22	116.22	vegetable	1.36	8.20	11.37	0.69	17.00	15.60	276.00	588.00	0.00	7.70	Liu H. et al. (2004). Study on N use efficiency of chinese cabbage and nitrate leaching under open field cultivation. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 10(3): 286-291
451	40.22	116.22	vegetable	1.36	8.20	11.37	0.69	17.00	15.60	276.00	588.00	375.00	16.60	Liu H. et al. (2004). Study on N use efficiency of chinese cabbage and nitrate leaching under open field cultivation. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 10(3): 286-291
452	40.22	116.22	vegetable	1.36	8.20	11.37	0.69	17.00	15.60	276.00	588.00	750.00	21.00	Liu H. et al. (2004). Study on N use efficiency of chinese cabbage and nitrate leaching under open field cultivation. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 10(3): 286-291
453	40.22	116.22	vegetable	1.36	8.20	11.37	0.69	17.00	15.60	276.00	588.00	1125.00	37.60	Liu H. et al. (2004). Study on N use efficiency of chinese cabbage and nitrate leaching under open field cultivation. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 10(3): 286-291
454	31.20	119.90	vegetable	1.34	5.89	24.90	1.04	17.75	23.40	552.00	720.00	0.00	18.78	Min J. (2007). Nitrogen utilize and damnify as well as optimized management of nitrogen fertilizer applied to vegetable field of greenhouse in Taihu lake region. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xianyang, China)
455	31.20	119.90	vegetable	1.34	5.89	24.90	1.04	17.75	23.40	552.00	720.00	120.00	32.16	Min J. (2007). Nitrogen utilize and damnify as well as optimized management of nitrogen fertilizer applied to vegetable field of greenhouse in Taihu lake region. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xianyang, China)
456	31.20	119.90	vegetable	1.34	5.89	24.90	1.04	17.75	23.40	552.00	720.00	180.00	35.76	Min J. (2007). Nitrogen utilize and damnify as well as optimized management of nitrogen fertilizer applied to vegetable field of greenhouse in Taihu lake region. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xianyang, China)
457	31.20	119.90	vegetable	1.34	5.89	24.90	1.04	17.75	23.40	552.00	720.00	240.00	39.00	Min J. (2007). Nitrogen utilize and damnify as well as optimized management of nitrogen fertilizer applied to vegetable field of greenhouse in Taihu lake region. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xianyang, China)
458	31.20	119.90	vegetable	1.34	5.89	24.90	1.04	17.75	23.40	552.00	720.00	300.00	59.67	Min J. (2007). Nitrogen utilize and damnify as well as optimized management of nitrogen fertilizer applied to vegetable field of greenhouse in Taihu lake region. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xianyang, China)
459	31.20	119.90	vegetable	1.34	5.89	24.90	1.04	17.75	16.40	247.20	374.40	0.00	16.18	Min J. (2007). Nitrogen utilize and damnify as well as optimized management of nitrogen fertilizer applied to vegetable field of greenhouse in Taihu lake region. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xianyang, China)
460	31.20	119.90	vegetable	1.34	5.89	24.90	1.04	17.75	16.40	247.20	374.40	108.00	38.87	Min J. (2007). Nitrogen utilize and damnify as well as optimized management of nitrogen fertilizer applied to vegetable field of greenhouse in Taihu lake region. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xianyang, China)
461	31.20	119.90	vegetable	1.34	5.89	24.90	1.04	17.75	16.40	247.20	374.40	162.00	59.56	Min J. (2007). Nitrogen utilize and damnify as well as optimized management of nitrogen fertilizer applied to vegetable field of greenhouse in Taihu lake region. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xianyang, China)
462	31.20	119.90	vegetable	1.34	5.89	24.90	1.04	17.75	16.40	247.20	374.40	216.00	84.83	Min J. (2007). Nitrogen utilize and damnify as well as optimized management of nitrogen fertilizer applied to vegetable field of greenhouse in Taihu lake region. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xianyang, China)
463	31.20	119.90	vegetable	1.34	5.89	24.90	1.04	17.75	16.40	247.20	374.40	270.00	122.07	Min J. (2007). Nitrogen utilize and damnify as well as optimized management of nitrogen fertilizer applied to vegetable field of greenhouse in Taihu lake region. (in Chinese with English abstract). Master dissertation of Northwest Agricultural and Forestry University. (Xianyang, China)
464	40.22	116.22	vegetable	1.46	7.90	18.50	1.30	15.70	26.00	318.00	336.00	0.00	3.30	Zhang G. et al. (2009). Nitrogen Utilization and Balance of Raphanus sativus L. Production System in Greenhouse. Journal of Agro-Environment Science. 28(7): 1500-1507
465	40.22	116.22	vegetable	1.46	7.90	18.50	1.30	15.70	26.00	318.00	336.00	120.00	4.20	Zhang G. et al. (2009). Nitrogen Utilization and Balance of Raphanus sativus L. Production System in Greenhouse. Journal of Agro-Environment Science. 28(7): 1500-1507
466	40.22	116.22	vegetable	1.46	7.90	18.50	1.30	15.70	26.00	318.00	336.00	240.00	4.40	Zhang G. et al. (2009). Nitrogen Utilization and Balance of Raphanus sativus L. Production System in Greenhouse. Journal of Agro-Environment Science. 28(7): 1500-1507
467	40.22	116.22	vegetable	1.46	7.90	18.50	1.30	15.70	26.00	318.00	336.00	360.00	4.90	Zhang G. et al. (2009). Nitrogen Utilization and Balance of Raphanus sativus L. Production System in Greenhouse. Journal of Agro-Environment Science. 28(7): 1500-1507
468	40.22	116.22	vegetable	1.46	7.90	18.50	1.30	15.70	26.00	318.00	336.00	986.00	7.60	Zhang G. et al. (2009). Nitrogen Utilization and Balance of Raphanus sativus L. Production System in Greenhouse. Journal of Agro-Environment Science. 28(7): 1500-1507
469	36.80	118.50	vegetable	1.37	6.61	1.74	0.30	19.32	16.10	190.80	1206.00	0.00	166.40	Zhu J. (2002). Study on fate and utilization of nitrogen in protected vegetable fields. (in Chinese with English abstract). Doctor dissertation of China Agriculture University. (Beijing, China)
470	36.80	118.50	vegetable	1.37	6.61	1.74	0.30	19.32	16.10	190.80	1206.00	600.00	224.10	Zhu J. (2002). Study on fate and utilization of nitrogen in protected vegetable fields. (in Chinese with English abstract). Doctor dissertation of China Agriculture University. (Beijing, China)
471	36.80	118.50	vegetable	1.37	6.61	1.74	0.30	19.32	16.10	190.80	1206.00	1200.00	345.10	Zhu J. (2002). Study on fate and utilization of nitrogen in protected vegetable fields. (in Chinese with English abstract). Doctor dissertation of China Agriculture University. (Beijing, China)
472	36.80	118.50	vegetable	1.37	6.61	1.74	0.30	19.32	16.10	190.80	1206.00	1800.00	541.60	Zhu J. (2002). Study on fate and utilization of nitrogen in protected vegetable fields. (in Chinese with English abstract). Doctor dissertation of China Agriculture University. (Beijing, China)
473	38.00	115.30	vegetable	1.35	7.60	15.40	1.55	11.00	15.90	216.30	1047.90	0.00	4.10	Yan P. et al. (2012). Effects of different water and nitrogen amounts on nitrate leaching in sunlight greenhouse during cucumber growing season. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 18(3): 645-653
474	38.00	115.30	vegetable	1.35	7.60	15.40	1.55	11.00	15.90	216.30	1047.90	1200.00	437.00	Yan P. et al. (2012). Effects of different water and nitrogen amounts on nitrate leaching in sunlight greenhouse during cucumber growing season. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 18(3): 645-653

475	38.00	115.30	vegetable	1.35	7.60	15.40	1.55	11.00	15.90	216.30	1047.90	900.00	352.50	Yan P. et al. (2012). Effects of different water and nitrogen amounts on nitrate leaching in sunlight greenhouse during cucumber growing season. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 18(3): 645-653
476	38.00	115.30	vegetable	1.35	7.60	15.40	1.55	11.00	17.30	291.90	1283.10	0.00	120.48	Li Y. (2010). Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
477	38.00	115.30	vegetable	1.35	7.60	15.40	1.55	11.00	17.30	291.90	1283.10	900.00	467.47	Li Y. (2010). Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
478	38.00	115.30	vegetable	1.35	7.60	15.40	1.55	11.00	17.30	291.90	1283.10	1200.00	592.77	Li Y. (2010). Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
479	38.00	115.30	vegetable	1.35	7.60	15.40	1.55	11.00	17.30	291.90	1283.10	600.00	274.70	Li Y. (2010). Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
480	38.00	115.30	vegetable	1.35	7.60	15.40	1.55	11.00	17.30	291.90	1283.10	900.00	351.81	Li Y. (2010). Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
481	38.00	115.30	vegetable	1.35	7.60	15.40	1.55	11.00	17.30	291.90	1283.10	1200.00	501.21	Li Y. (2010). Study on the nitrogen loss in the protected soil under different water and nitrogen conditions during cucumber growing season. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
482	39.50	115.50	vegetable	1.36	7.87	17.90	0.81	19.76	21.60	264.00	792.00	0.00	1.94	Liu J. (2008). The law of nitrate transportation and assimilation study in soil-vegetable system under different conditions of water and fertilizer. (in Chinese with English abstract). Master dissertation of Agricultural University of Hebei. (Baoding, China)
483	39.50	115.50	vegetable	1.36	7.87	17.90	0.81	19.76	21.60	264.00	792.00	150.00	16.82	Liu J. (2008). The law of nitrate transportation and assimilation study in soil-vegetable system under different conditions of water and fertilizer. (in Chinese with English abstract). Master dissertation of Agricultural University of Hebei. (Baoding, China)
484	39.50	115.50	vegetable	1.36	7.87	17.90	0.81	19.76	21.60	264.00	792.00	300.00	30.73	Liu J. (2008). The law of nitrate transportation and assimilation study in soil-vegetable system under different conditions of water and fertilizer. (in Chinese with English abstract). Master dissertation of Agricultural University of Hebei. (Baoding, China)
485	39.50	115.50	vegetable	1.36	7.87	17.90	0.81	19.76	21.60	264.00	792.00	450.00	83.12	Liu J. (2008). The law of nitrate transportation and assimilation study in soil-vegetable system under different conditions of water and fertilizer. (in Chinese with English abstract). Master dissertation of Agricultural University of Hebei. (Baoding, China)
486	26.05	119.33	vegetable	1.36	4.99	18.80	1.66	25.00	23.00	1050.00	1029.00	0.00	1.32	Huang D. (2009). Study on the control to nitrogen and phosphorus non-point source pollution from vegetable fields by fertilization in the suburb of Fuzhou city. (in Chinese with English abstract). Master dissertation of Fujian Agricultural and Forestry University. (Fuzhou, China)
487	26.05	119.33	vegetable	1.36	4.99	18.80	1.66	25.00	23.00	1050.00	1029.00	540.00	3.74	Huang D. (2009). Study on the control to nitrogen and phosphorus non-point source pollution from vegetable fields by fertilization in the suburb of Fuzhou city. (in Chinese with English abstract). Master dissertation of Fujian Agricultural and Forestry University. (Fuzhou, China)
488	26.05	119.33	vegetable	1.36	4.99	18.80	1.66	25.00	23.00	1050.00	1029.00	540.00	2.63	Huang D. (2009). Study on the control to nitrogen and phosphorus non-point source pollution from vegetable fields by fertilization in the suburb of Fuzhou city. (in Chinese with English abstract). Master dissertation of Fujian Agricultural and Forestry University. (Fuzhou, China)
489	26.05	119.33	vegetable	1.36	4.99	18.80	1.66	25.00	23.00	1050.00	1029.00	540.07	1.84	Huang D. (2009). Study on the control to nitrogen and phosphorus non-point source pollution from vegetable fields by fertilization in the suburb of Fuzhou city. (in Chinese with English abstract). Master dissertation of Fujian Agricultural and Forestry University. (Fuzhou, China)
490	26.05	119.33	vegetable	1.36	4.99	18.80	1.66	25.00	23.00	1050.00	1029.00	540.07	2.16	Huang D. (2009). Study on the control to nitrogen and phosphorus non-point source pollution from vegetable fields by fertilization in the suburb of Fuzhou city. (in Chinese with English abstract). Master dissertation of Fujian Agricultural and Forestry University. (Fuzhou, China)
491	26.05	119.33	vegetable	1.36	4.99	18.80	1.66	25.00	23.00	1050.00	1029.00	269.93	2.11	Huang D. (2009). Study on the control to nitrogen and phosphorus non-point source pollution from vegetable fields by fertilization in the suburb of Fuzhou city. (in Chinese with English abstract). Master dissertation of Fujian Agricultural and Forestry University. (Fuzhou, China)
492	39.50	116.20	vegetable	1.26	7.90	19.18	0.87	15.70	18.80	300.00	870.00	0.00	3.89	Xie A. (2010). Nitrate accumulation and related control strategies in the protected field of Beijing suburb. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
493	39.50	116.20	vegetable	1.26	7.90	19.18	0.87	15.70	18.80	300.00	870.00	150.00	4.10	Xie A. (2010). Nitrate accumulation and related control strategies in the protected field of Beijing suburb. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
494	39.50	116.20	vegetable	1.26	7.90	19.18	0.87	15.70	18.80	300.00	870.00	300.00	4.41	Xie A. (2010). Nitrate accumulation and related control strategies in the protected field of Beijing suburb. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
495	39.50	116.20	vegetable	1.26	7.90	19.18	0.87	15.70	18.80	300.00	870.00	767.00	4.39	Xie A. (2010). Nitrate accumulation and related control strategies in the protected field of Beijing suburb. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
496	39.50	116.20	vegetable	1.26	7.90	19.18	0.87	15.70	2.80	95.40	558.00	0.00	1.63	Xie A. (2010). Nitrate accumulation and related control strategies in the protected field of Beijing suburb. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
497	39.50	116.20	vegetable	1.26	7.90	19.18	0.87	15.70	2.80	95.40	558.00	100.00	3.90	Xie A. (2010). Nitrate accumulation and related control strategies in the protected field of Beijing suburb. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
498	39.50	116.20	vegetable	1.26	7.90	19.18	0.87	15.70	2.80	95.40	558.00	200.00	4.22	Xie A. (2010). Nitrate accumulation and related control strategies in the protected field of Beijing suburb. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
499	39.50	116.20	vegetable	1.26	7.90	19.18	0.87	15.70	2.80	95.40	558.00	767.00	6.12	Xie A. (2010). Nitrate accumulation and related control strategies in the protected field of Beijing suburb. (in Chinese with English abstract). Master dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
500	39.04	117.13	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	0.00	22.20	Hao X. (2012). Study on nutrient balance and optimized management in soil-greenhouse vegetable system. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
501	39.04	117.13	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	450.00	83.70	Hao X. (2012). Study on nutrient balance and optimized management in soil-greenhouse vegetable system. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
502	39.04	117.13	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	337.50	28.90	Hao X. (2012). Study on nutrient balance and optimized management in soil-greenhouse vegetable system. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
503	39.04	117.13	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	225.00	41.40	Hao X. (2012). Study on nutrient balance and optimized management in soil-greenhouse vegetable system. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
504	39.04	117.13	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	112.50	37.90	Hao X. (2012). Study on nutrient balance and optimized management in soil-greenhouse vegetable system. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
505	39.04	117.13	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	225.00	51.50	Hao X. (2012). Study on nutrient balance and optimized management in soil-greenhouse vegetable system. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
506	39.04	117.13	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	225.00	42.60	Hao X. (2012). Study on nutrient balance and optimized management in soil-greenhouse vegetable system. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
507	39.04	117.13	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	450.00	93.50	Hao X. (2012). Study on nutrient balance and optimized management in soil-greenhouse vegetable system. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences. (Beijing, China)
508	30.58	114.32	vegetable	1.27	7.90	24.90	1.29	17.18	15.50	116.40	679.20	0.00	16.00	Wang T. (2009). Effects of phosphorus and straw mulch on vegetable nitrogen uptake and vegetable soil nitrogen loss. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University. (Wuhan, China)
509	30.58	114.32	vegetable	1.27	7.90	24.90	1.29	17.18	15.50	116.40	679.20	450.00	35.80	Wang T. (2009). Effects of phosphorus and straw mulch on vegetable nitrogen uptake and vegetable soil nitrogen loss. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University. (Wuhan, China)
510	30.58	114.32	vegetable	1.27	7.90	24.90	1.29	17.18	15.50	116.40	679.20	337.50	28.30	Wang T. (2009). Effects of phosphorus and straw mulch on vegetable nitrogen uptake and vegetable soil nitrogen loss. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University. (Wuhan, China)
511	30.58	114.32	vegetable	1.27	7.90	24.90	1.29	17.18	15.50	116.40	679.20	225.00	27.70	Wang T. (2009). Effects of phosphorus and straw mulch on vegetable nitrogen uptake and vegetable soil nitrogen loss. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University. (Wuhan, China)
512	30.58	114.32	vegetable	1.27	7.90	24.90	1.29	17.18	15.50	116.40	679.20	112.50	27.80	Wang T. (2009). Effects of phosphorus and straw mulch on vegetable nitrogen uptake and vegetable soil nitrogen loss. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University. (Wuhan, China)
513	30.58	114.32	vegetable	1.27	7.90	24.90	1.29	17.18	15.50	116.40	679.20	225.00	28.50	Wang T. (2009). Effects of phosphorus and straw mulch on vegetable nitrogen uptake and vegetable soil nitrogen loss. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University. (Wuhan, China)
514	30.58	114.32	vegetable	1.27	7.90	24.90	1.29	17.18	15.50	116.40	679.20	450.00	51.50	Wang T. (2009). Effects of phosphorus and straw mulch on vegetable nitrogen uptake and vegetable soil nitrogen loss. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University. (Wuhan, China)
515	29.54	106.53	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	0.00	14.30	Tang Z. (2013).Nitrogen fate and input threshold of Chinese cabbage in Chongqing open field. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
516	29.54	106.53	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	450.00	39.50	Tang Z. (2013).Nitrogen fate and input threshold of Chinese cabbage in Chongqing open field. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
517	29.54	106.53	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	337.50	29.00	Tang Z. (2013).Nitrogen fate and input threshold of Chinese cabbage in Chongqing open field. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
518	29.54	106.53	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	225.00	29.70	Tang Z. (2013).Nitrogen fate and input threshold of Chinese cabbage in Chongqing open field. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
519	29.54	106.53	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	112.50	32.10	Tang Z. (2013).Nitrogen fate and input threshold of Chinese cabbage in Chongqing open field. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
520	29.54	106.53	vegetable	1.27	7.90	24.90	1.29	17.18	11.20	276.00	465.00	225.00	23.20	Tang Z. (2013).Nitrogen fate and input threshold of Chinese cabbage in Chongqing open field. (in Chinese with English abstract). Master dissertation of Southwest University. (Chongqing, China)
521	38.50	106.30	vegetable	1.38	8.27	30.10	1.96	22.64	15.90	53.10	396.90	0.00	34.24	Zhao Y. et al. (2011). Effect of fertilization on nitrogen leaching loss from soil and nutrients utilization by tomato and cucumber in greenhouse. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 17(2): 374-383
522	38.50	106.30	vegetable	1.38	8.27	30.10	1.96	22.64	15.90	53.10	396.90	900.00	73.37	Zhao Y. et al. (2011). Effect of fertilization on nitrogen leaching loss from soil and nutrients utilization by tomato and cucumber in greenhouse. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 17(2): 374-383
523	38.50	106.30	vegetable	1.38	8.27	30.10	1.96	22.64	15.90	53.10	396.90	675.00	76.60	Zhao Y. et al. (2011). Effect of fertilization on nitrogen leaching loss from soil and nutrients utilization by tomato and cucumber in greenhouse. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 17(2): 374-383
524	38.50	106.30	vegetable	1.38	8.27	30.10	1.96	22.64	15.90	53.10	396.90	900.00	70.74	Zhao Y. et al. (2011). Effect of fertilization on nitrogen leaching loss from soil and nutrients utilization by tomato and cucumber in greenhouse. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 17(2): 374-383
525	38.50	106.30	vegetable	1.38	8.27	30.10	1.96	22.64	15.90	53.10	396.90	675.00	71.93	Zhao Y. et al. (2011). Effect of fertilization on nitrogen leaching loss from soil and nutrients utilization by tomato and cucumber in greenhouse. (in Chinese with English abstract). Journal of Plant Nutrition and Fertilizers. 17(2): 374-383
526	31.50	120.00	vegetable	1.34	6.09	27.90	1.06	17.75	19.30	643.50	606.00	0.00	17.67	Lu K. (2011). Optimized management of nitrogen fertilizer and strategies for reducing nitrogen leaching loss in greenhouse vegetable field in Taihu lake region. (in Chinese with English abstract). Master dissertation of Nanjing Forestry University. (Nanjing, China)
527	31.50	120.00	vegetable	1.34	6.09	27.90	1.06	17.75	19.30	643.50	606.00	68.00	35.45	Lu K. (2011). Optimized management of nitrogen fertilizer and strategies for reducing nitrogen leaching loss in greenhouse vegetable field in Taihu lake region. (in Chinese with English abstract). Master dissertation of Nanjing Forestry University. (Nanjing, China)
528	31.50	120.00	vegetable	1.34	6.09	27.90	1.06	17.75	19.30	643.50	606.00	368.00	74.06	Lu K. (2011). Optimized management of nitrogen fertilizer and strategies for reducing nitrogen leaching loss in greenhouse vegetable field in Taihu lake region. (in Chinese with English abstract). Master dissertation of Nanjing Forestry University. (Nanjing, China)
529	31.50	120.00	vegetable	1.34	6.09	27.90	1.06	17.75	19.30	643.50	606.00	552.00	133.06	Lu K. (2011). Optimized management of nitrogen fertilizer and strategies for reducing nitrogen leaching loss in greenhouse vegetable field in Taihu lake region. (in Chinese with English abstract). Master dissertation of Nanjing Forestry University. (Nanjing, China)
530	31.50	120.00	vegetable	1.34	6.09	27.90	1.06	17.75	19.30	643.50	606.00	690.00	241.85	Lu K. (2011). Optimized management of nitrogen fertilizer and strategies for reducing nitrogen leaching loss in greenhouse vegetable field in Taihu lake region. (in Chinese with English abstract). Master dissertation of Nanjing Forestry University. (Nanjing, China)
531	31.50	120.00	vegetable	1.34	6.09	27.90	1.06	17.75	19.30	643.50	606.00	920.00	327.85	Lu K. (2011). Optimized management of nitrogen fertilizer and strategies for reducing nitrogen leaching loss in greenhouse vegetable field in Taihu lake region. (in Chinese with English abstract). Master dissertation of Nanjing Forestry University. (Nanjing, China)
532	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	13.90	210.00	592.50	0.00	13.60	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
533	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	13.90	210.00	592.50	75.00	37.20	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
534	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	13.90	210.00	592.50	150.00	102.70	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
535	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	13.90	210.00	592.50	225.00	128.20	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
536	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	13.90	210.00	592.50	300.00	141.30	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
537	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	26.50	536.40	473.40	0.00	15.20	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
538	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	26.50	536.40	473.40	75.00	31.00	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
539	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	26.50	536.40	473.40	150.00	37.60	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
540	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	26.50	536.40	473.40	225.00	63.70	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
541	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	26.50	536.40	473.40	300.00	87.00	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
542	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	22.10	148.20	113.70	0.00	11.20	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
543	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	22.10	148.20	113.70	50.00	19.10	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
544	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	22.10	148.20	113.70	100.00	19.70	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
545	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	22.10	148.20	113.70	150.00	26.60	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
546	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	22.10	148.20	113.70	200.00	31.10	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
547	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	18.70	141.30	402.30	0.00	1.40	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
548	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	18.70	141.30	402.30	75.00	8.90	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
549	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	18.70	141.30	402.30	150.00	24.60	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
550	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	18.70	141.30	402.30	225.00	31.80	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
551	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	18.70	141.30	402.30	300.00	42.50	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
552	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	13.50	258.00	535.50	0.00	3.08	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
553	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	13.50	258.00	535.50	75.00	8.41	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
554	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	13.50	258.00	535.50	150.00	23.19	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
555	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	13.50	258.00	535.50	225.00	28.96	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
556	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	13.50	258.00	535.50	300.00	31.91	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
557	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	9.58	66.60	217.80	0.00	0.05	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
558	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	9.58	66.60	217.80	50.00	2.87	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
559	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	9.58	66.60	217.80	100.00	10.01	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
560	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	9.58	66.60	217.80	150.00	16.10	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
561	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	9.58	66.60	217.80	200.00	22.97	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
562	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	24.25	631.20	679.20	0.00	3.44	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
563	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	24.25	631.20	679.20	75.00	7.00	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
564	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	24.25	631.20	679.20	150.00	8.50	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
565	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	24.25	631.20	679.20	225.00	14.39	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
566	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	24.25	631.20	679.20	300.00	19.65	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
567	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	19.15	153.00	387.00	0.00	4.65	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
568	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	19.15	153.00	387.00	75.00	7.13	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
569	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	19.15	153.00	387.00	150.00	22.26	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
570	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	19.15	153.00	387.00	225.00	37.40	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)

571	30.50	114.30	vegetable	1.34	5.12	14.83	0.28	24.00	19.15	153.00	387.00	300.00	46.60	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
572	30.50	114.30	vegetable	1.34	5.12	14.69	0.28	24.00	19.15	153.00	387.00	0.00	3.00	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
573	30.50	114.30	vegetable	1.34	5.12	14.69	0.28	24.00	19.15	153.00	387.00	650.00	24.20	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
574	30.50	114.30	vegetable	1.34	5.12	14.69	0.28	24.00	19.15	153.00	387.00	650.00	11.80	Cui M. (2012). Studies on mechanism and mitigation of nitrate leaching in vegetable ecosystem in suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University. (Wuhan, China)
575	30.40	106.40	others	1.35	8.20	20.09	1.70	28.70	12.60	252.00	306.00	0.00	0.90	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
576	30.40	106.40	others	1.35	8.20	20.09	1.70	28.70	12.60	252.00	306.00	75.00	1.70	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
577	30.40	106.40	others	1.35	8.20	20.09	1.70	28.70	12.60	252.00	306.00	150.00	2.28	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
578	30.40	106.40	others	1.35	8.20	20.09	1.70	28.70	12.60	252.00	306.00	225.00	3.10	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
579	30.40	106.40	others	1.35	8.20	20.09	1.70	28.70	12.60	252.00	306.00	0.00	1.09	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
580	30.40	106.40	others	1.35	8.20	20.09	1.70	28.70	12.60	252.00	306.00	75.00	1.77	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
581	30.40	106.40	others	1.35	8.20	20.09	1.70	28.70	12.60	252.00	306.00	150.00	2.07	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
582	30.40	106.40	others	1.35	8.20	20.09	1.70	28.70	12.60	252.00	306.00	225.00	2.99	Yi S. (2005). Nitrogen leaching loss and utilization in rice-wheat/rape rotation system. (in Chinese with English abstract). Master dissertation of Southwest University (Chongqing, China)
583	40.22	116.22	others	1.35	8.20	20.09	1.70	28.70	12.60	252.00	306.00	0.00	0.77	Zhang G. et al. (2009). Study on nitrogen balance in turnip production system. Journal of Agro-Environment Science. 28(7): 1500-1507
584	40.22	116.22	others	1.35	8.20	20.09	1.70	28.70	12.60	252.00	306.00	75.00	1.04	Zhang G. et al. (2009). Study on nitrogen balance in turnip production system. Journal of Agro-Environment Science. 28(7): 1500-1507
585	40.22	116.22	others	1.35	8.20	20.09	1.70	28.70	12.60	252.00	306.00	150.00	1.68	Zhang G. et al. (2009). Study on nitrogen balance in turnip production system. Journal of Agro-Environment Science. 28(7): 1500-1507
586	40.22	116.22	others	1.35	8.20	20.09	1.70	28.70	12.60	252.00	306.00	225.00	2.01	Zhang G. et al. (2009). Study on nitrogen balance in turnip production system. Journal of Agro-Environment Science. 28(7): 1500-1507
587	30.00	119.50	others	1.35	5.40	30.40	2.05	33.19	22.70	840.00	945.00	0.00	10.50	Tian L. (2012). Effects of fertilization patterns of vegetable fields on nitrogen and phosphorus loss in Taihu Lake basin. (in Chinese with English abstract). Master dissertation of Nanjing Normal University (Nanjing, China)
588	30.00	119.50	others	1.35	5.40	30.40	2.05	33.19	22.70	840.00	945.00	128.60	21.90	Tian L. (2012). Effects of fertilization patterns of vegetable fields on nitrogen and phosphorus loss in Taihu Lake basin. (in Chinese with English abstract). Master dissertation of Nanjing Normal University (Nanjing, China)
589	30.00	119.50	others	1.35	5.40	30.40	2.05	33.19	22.70	840.00	945.00	129.50	17.10	Tian L. (2012). Effects of fertilization patterns of vegetable fields on nitrogen and phosphorus loss in Taihu Lake basin. (in Chinese with English abstract). Master dissertation of Nanjing Normal University (Nanjing, China)
590	30.00	119.50	others	1.35	5.40	30.40	2.05	33.19	22.70	840.00	945.00	144.00	39.80	Tian L. (2012). Effects of fertilization patterns of vegetable fields on nitrogen and phosphorus loss in Taihu Lake basin. (in Chinese with English abstract). Master dissertation of Nanjing Normal University (Nanjing, China)
591	30.00	119.50	others	1.35	5.40	30.40	2.05	33.19	22.70	840.00	945.00	216.00	28.30	Tian L. (2012). Effects of fertilization patterns of vegetable fields on nitrogen and phosphorus loss in Taihu Lake basin. (in Chinese with English abstract). Master dissertation of Nanjing Normal University (Nanjing, China)
592	31.13	121.09	others	1.32	8.00	21.63	0.97	30.43	26.20	1080.00	1008.00	0.00	83.01	Xuan Y. (2008). Study on the rule of nitrogen loss and reducing fertilization technology in water bamboo fields. (in Chinese with English abstract). Master dissertation of Shanghai Jiao Tong University (Shanghai, China)
593	31.13	121.09	others	1.32	8.00	21.63	0.97	30.43	26.20	1080.00	1008.00	1200.00	104.10	Xuan Y. (2008). Study on the rule of nitrogen loss and reducing fertilization technology in water bamboo fields. (in Chinese with English abstract). Master dissertation of Shanghai Jiao Tong University (Shanghai, China)
594	31.13	121.09	others	1.32	8.00	21.63	0.97	30.43	26.20	1080.00	1008.00	1500.00	125.39	Xuan Y. (2008). Study on the rule of nitrogen loss and reducing fertilization technology in water bamboo fields. (in Chinese with English abstract). Master dissertation of Shanghai Jiao Tong University (Shanghai, China)
595	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	27.00	418.50	607.50	0.00	14.47	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
596	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	27.00	418.50	607.50	150.00	17.77	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
597	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	27.00	418.50	607.50	300.00	64.87	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
598	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	27.00	418.50	607.50	450.00	28.93	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
599	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	27.00	418.50	607.50	600.00	37.09	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
600	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	26.70	164.40	375.60	0.00	10.17	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
601	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	26.70	164.40	375.60	50.00	27.88	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
602	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	26.70	164.40	375.60	100.00	61.58	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
603	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	26.70	164.40	375.60	150.00	60.09	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
604	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	26.70	164.40	375.60	200.00	75.81	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
605	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	13.90	117.90	234.00	0.00	1.38	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
606	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	13.90	117.90	234.00	60.00	2.99	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
607	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	13.90	117.90	234.00	120.00	84.58	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
608	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	13.90	117.90	234.00	180.00	51.84	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
609	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	13.90	117.90	234.00	240.00	72.55	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
610	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	10.50	284.40	312.00	0.00	2.38	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
611	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	10.50	284.40	312.00	20.00	6.01	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
612	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	10.50	284.40	312.00	40.00	47.78	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
613	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	10.50	284.40	312.00	60.00	29.97	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
614	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	10.50	284.40	312.00	80.00	51.83	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
615	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	25.50	251.40	396.60	0.00	3.62	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
616	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	25.50	251.40	396.60	90.00	10.30	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
617	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	25.50	251.40	396.60	180.00	91.38	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
618	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	25.50	251.40	396.60	270.00	63.46	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
619	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	25.50	251.40	396.60	360.00	127.47	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
620	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	26.10	386.40	688.80	0.00	6.83	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
621	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	26.10	386.40	688.80	60.00	11.29	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
622	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	26.10	386.40	688.80	120.00	64.33	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
623	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	26.10	386.40	688.80	180.00	31.98	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
624	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	26.10	386.40	688.80	240.00	74.93	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
625	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	10.30	63.60	130.80	0.00	1.42	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
626	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	10.30	63.60	130.80	60.00	2.80	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
627	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	10.30	63.60	130.80	120.00	76.45	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
628	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	10.30	63.60	130.80	180.00	22.95	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
629	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	10.30	63.60	130.80	240.00	62.83	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
630	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	13.80	406.80	402.00	0.00	5.80	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
631	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	13.80	406.80	402.00	40.00	18.14	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
632	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	13.80	406.80	402.00	80.00	102.92	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
633	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	13.80	406.80	402.00	120.00	58.89	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
634	30.50	114.30	vegetable	1.30	5.12	14.83	0.28	26.00	13.80	406.80	402.00	160.00	114.92	Zhao C. (2009). Study on the transformation and leaching of soil nitrogen in vegetable fields in the suburbs of Wuhan. (in Chinese with English abstract). Doctor dissertation of Huazhong Agricultural University (Wuhan, China)
635	37.00	117.50	vegetable	1.50	8.33	21.90	0.92	14.67	19.10	600.80	794.00	0.00	4.32	Li H. (2009). Quantifying analysis on non-point source nitrogen pollution in Xiaoqing river basin of Shandong province. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
636	37.00	117.50	vegetable	1.50	8.33	21.90	0.92	14.67	19.10	600.80	794.00	390.00	20.35	Li H. (2009). Quantifying analysis on non-point source nitrogen pollution in Xiaoqing river basin of Shandong province. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
637	37.00	117.50	vegetable	1.50	8.33	21.90	0.92	14.67	19.10	600.80	794.00	280.00	17.49	Li H. (2009). Quantifying analysis on non-point source nitrogen pollution in Xiaoqing river basin of Shandong province. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
638	37.00	117.50	vegetable	1.50	8.33	21.90	0.92	14.67	19.10	600.80	794.00	140.00	13.46	Li H. (2009). Quantifying analysis on non-point source nitrogen pollution in Xiaoqing river basin of Shandong province. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
639	37.00	117.50	vegetable	1.50	8.33	21.90	0.92	14.67	19.10	600.80	794.00	420.00	21.88	Li H. (2009). Quantifying analysis on non-point source nitrogen pollution in Xiaoqing river basin of Shandong province. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
640	37.00	117.50	vegetable	1.50	8.33	21.90	0.92	14.67	19.10	600.80	794.00	280.00	19.87	Li H. (2009). Quantifying analysis on non-point source nitrogen pollution in Xiaoqing river basin of Shandong province. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
641	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	0.00	4.36	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
642	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	42.00	8.72	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
643	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	63.00	14.36	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
644	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	84.00	18.89	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
645	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	0.00	2.22	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
646	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	42.00	4.79	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
647	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	63.00	7.78	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
648	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	84.00	9.74	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
649	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	0.00	2.31	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
650	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	42.00	5.21	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
651	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	63.00	8.46	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
652	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	84.00	11.03	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
653	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	0.00	2.31	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
654	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	42.00	4.79	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
655	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	63.00	8.03	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
656	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	84.00	10.17	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
657	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	0.00	2.39	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
658	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	42.00	5.64	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
659	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	63.00	8.97	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
660	31.00	119.50	vegetable	1.28	6.20	26.85	1.60	17.33	28.00	219.60	338.40	84.00	11.37	Wu D. (2012). Study on effects of poplar-crop intercropping system on the soil nitrogen loss. (in Chinese with English abstract). Doctor dissertation of Nanjing Forestry University (Nanjing, China)
661	39.50	116.20	vegetable	1.46	7.70	23.20	1.47	15.70	20.80	384.00	672.00	0.00	7.13	Tang Z. (2009). Studies on agronomic and environmental effects by different water and fertilizer managements in organic vegetable farming. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
662	39.50	116.20	vegetable	1.46	7.70	23.20	1.47	15.70	20.80	384.00	672.00	359.00	13.20	Tang Z. (2009). Studies on agronomic and environmental effects by different water and fertilizer managements in organic vegetable farming. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
663	39.50	116.20	vegetable	1.46	7.70	23.20	1.47	15.70	20.80	384.00	672.00	718.00	17.40	Tang Z. (2009). Studies on agronomic and environmental effects by different water and fertilizer managements in organic vegetable farming. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
664	39.50	116.20	vegetable	1.46	7.70	23.20	1.47	15.70	20.80	384.00	672.00	0.00	6.40	Tang Z. (2009). Studies on agronomic and environmental effects by different water and fertilizer managements in organic vegetable farming. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
665	39.50	116.20	vegetable	1.46	7.70	23.20	1.47	15.70	20.80	384.00	672.00	359.00	10.78	Tang Z. (2009). Studies on agronomic and environmental effects by different water and fertilizer managements in organic vegetable farming. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
666	39.50	116.20	vegetable	1.46	7.70	23.20	1.47	15.70	20.80	384.00	672.00	718.00	14.94	Tang Z. (2009). Studies on agronomic and environmental effects by different water and fertilizer managements in organic vegetable farming. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)

667	39.50	116.20	vegetable	1.46	7.70	23.20	1.47	15.70	22.90	264.00	312.00	0.00	13.76	Tang Z. (2009). Studies on agronomic and environmental effects by different water and fertilizer managements in organic vegetable farming. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
668	39.50	116.20	vegetable	1.46	7.70	23.20	1.47	15.70	22.90	264.00	312.00	260.00	15.30	Tang Z. (2009). Studies on agronomic and environmental effects by different water and fertilizer managements in organic vegetable farming. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
669	39.50	116.20	vegetable	1.46	7.70	23.20	1.47	15.70	22.90	264.00	312.00	521.00	20.46	Tang Z. (2009). Studies on agronomic and environmental effects by different water and fertilizer managements in organic vegetable farming. (in Chinese with English abstract). Doctor dissertation of Chinese Academy of Agricultural Sciences (Beijing, China)
670	31.20	119.90	vegetable	1.60	5.58	42.93	1.04	15.30	23.70	562.80	673.20	0.00	8.00	Min J. et al. (2011). Nitrogen balance and loss in a greenhouse vegetable system in southeastern China. Pedosphere. 21(4): 464-472
671	31.20	119.90	vegetable	1.60	5.58	42.93	1.04	15.30	23.70	562.80	673.20	120.00	9.00	Min J. et al. (2011). Nitrogen balance and loss in a greenhouse vegetable system in southeastern China. Pedosphere. 21(4): 464-472
672	31.20	119.90	vegetable	1.60	5.58	42.93	1.04	15.30	23.70	562.80	673.20	180.00	10.00	Min J. et al. (2011). Nitrogen balance and loss in a greenhouse vegetable system in southeastern China. Pedosphere. 21(4): 464-472
673	31.20	119.90	vegetable	1.60	5.58	42.93	1.04	15.30	23.70	562.80	673.20	240.00	11.00	Min J. et al. (2011). Nitrogen balance and loss in a greenhouse vegetable system in southeastern China. Pedosphere. 21(4): 464-472
674	31.20	119.90	vegetable	1.60	5.58	42.93	1.04	15.30	23.70	562.80	673.20	300.00	13.00	Min J. et al. (2011). Nitrogen balance and loss in a greenhouse vegetable system in southeastern China. Pedosphere. 21(4): 464-472
675	30.30	114.20	vegetable	1.60	5.58	42.93	1.04	15.30	19.30	238.50	287.10	0.00	79.00	Wang Y. (2014). Nitrogen leaching and nitrous oxide emission in vegetable fields. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University. (Wuhan, China)
676	30.30	114.20	vegetable	1.60	5.58	42.93	1.04	15.30	19.30	238.50	287.10	108.00	123.00	Wang Y. (2014). Nitrogen leaching and nitrous oxide emission in vegetable fields. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University. (Wuhan, China)
677	30.30	114.20	vegetable	1.60	5.58	42.93	1.04	15.30	19.30	238.50	287.10	162.00	160.00	Wang Y. (2014). Nitrogen leaching and nitrous oxide emission in vegetable fields. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University. (Wuhan, China)
678	30.30	114.20	vegetable	1.60	5.58	42.93	1.04	15.30	19.30	238.50	287.10	216.00	179.00	Wang Y. (2014). Nitrogen leaching and nitrous oxide emission in vegetable fields. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University. (Wuhan, China)
679	30.30	114.20	vegetable	1.60	5.58	42.93	1.04	15.30	19.30	238.50	287.10	270.00	210.00	Wang Y. (2014). Nitrogen leaching and nitrous oxide emission in vegetable fields. (in Chinese with English abstract). Master dissertation of Huazhong Agricultural University. (Wuhan, China)
680	37.03	118.85	vegetable	1.26	6.61	17.40	3.00	19.32	17.20	132.00	937.20	0.00	210.00	Zhu J. et al. (2005). Environmental implications of low nitrogen use efficiency in excessively fertilized hot pepper (Capsicum frutescens L.) cropping systems. Agriculture Ecosystems & Environment. 111(1-4): 70-80
681	37.03	118.85	vegetable	1.26	6.61	17.40	3.00	19.32	17.20	132.00	937.20	600.00	231.00	Zhu J. et al. (2005). Environmental implications of low nitrogen use efficiency in excessively fertilized hot pepper (Capsicum frutescens L.) cropping systems. Agriculture Ecosystems & Environment. 111(1-4): 70-80
682	37.03	118.85	vegetable	1.26	6.61	17.40	3.00	19.32	17.20	132.00	937.20	1200.00	353.00	Zhu J. et al. (2005). Environmental implications of low nitrogen use efficiency in excessively fertilized hot pepper (Capsicum frutescens L.) cropping systems. Agriculture Ecosystems & Environment. 111(1-4): 70-80
683	37.03	118.85	vegetable	1.26	6.61	17.40	3.00	19.32	17.20	132.00	937.20	1800.00	554.00	Zhu J. et al. (2005). Environmental implications of low nitrogen use efficiency in excessively fertilized hot pepper (Capsicum frutescens L.) cropping systems. Agriculture Ecosystems & Environment. 111(1-4): 70-80
684	30.60	119.80	vegetable	1.35	5.69	16.50	0.90	33.38	19.10	342.00	333.00	0.00	0.26	Xu J. et al. (2013). Effects of different fertilization modes on nitrogen use efficiency of cabbages and nitrogen loss from vegetable field. (in Chinese with English abstract). Journal of Zhejiang University. 39(5): 556-564
685	30.60	119.80	vegetable	1.35	5.69	16.50	0.90	33.38	19.10	342.00	333.00	256.00	0.81	Xu J. et al. (2013). Effects of different fertilization modes on nitrogen use efficiency of cabbages and nitrogen loss from vegetable field. (in Chinese with English abstract). Journal of Zhejiang University. 39(5): 556-564
686	30.60	119.80	vegetable	1.35	5.69	16.50	0.90	33.38	19.10	342.00	333.00	256.00	0.40	Xu J. et al. (2013). Effects of different fertilization modes on nitrogen use efficiency of cabbages and nitrogen loss from vegetable field. (in Chinese with English abstract). Journal of Zhejiang University. 39(5): 556-564
687	30.60	119.80	vegetable	1.35	5.69	16.50	0.90	33.38	19.10	342.00	333.00	256.00	0.60	Xu J. et al. (2013). Effects of different fertilization modes on nitrogen use efficiency of cabbages and nitrogen loss from vegetable field. (in Chinese with English abstract). Journal of Zhejiang University. 39(5): 556-564
688	30.60	119.80	vegetable	1.35	5.69	16.50	0.90	33.38	19.10	342.00	333.00	205.00	0.51	Xu J. et al. (2013). Effects of different fertilization modes on nitrogen use efficiency of cabbages and nitrogen loss from vegetable field. (in Chinese with English abstract). Journal of Zhejiang University. 39(5): 556-564
689	30.60	119.80	vegetable	1.35	5.69	16.50	0.90	33.38	19.10	342.00	333.00	154.00	0.46	Xu J. et al. (2013). Effects of different fertilization modes on nitrogen use efficiency of cabbages and nitrogen loss from vegetable field. (in Chinese with English abstract). Journal of Zhejiang University. 39(5): 556-564
690	30.00	119.50	vegetable	1.35	5.40	30.40	2.05	33.19	6.40	270.00	450.00	0.00	3.20	Tian L. (2012). Effects of fertilization patterns of vegetable fields on nitrogen and phosphorus loss in Taihu Lake basin. (in Chinese with English abstract). Master dissertation of Nanjing Normal University (Nanjing, China)
691	30.00	119.50	vegetable	1.35	5.40	30.40	2.05	33.19	6.40	270.00	450.00	56.25	13.00	Tian L. (2012). Effects of fertilization patterns of vegetable fields on nitrogen and phosphorus loss in Taihu Lake basin. (in Chinese with English abstract). Master dissertation of Nanjing Normal University (Nanjing, China)
692	30.00	119.50	vegetable	1.35	5.40	30.40	2.05	33.19	6.40	270.00	450.00	112.50	19.60	Tian L. (2012). Effects of fertilization patterns of vegetable fields on nitrogen and phosphorus loss in Taihu Lake basin. (in Chinese with English abstract). Master dissertation of Nanjing Normal University (Nanjing, China)
693	30.00	119.50	vegetable	1.35	5.40	30.40	2.05	33.19	6.40	270.00	450.00	225.00	36.60	Tian L. (2012). Effects of fertilization patterns of vegetable fields on nitrogen and phosphorus loss in Taihu Lake basin. (in Chinese with English abstract). Master dissertation of Nanjing Normal University (Nanjing, China)
694	30.00	119.50	vegetable	1.35	5.40	30.40	2.05	33.19	6.40	270.00	450.00	114.00	28.00	Tian L. (2012). Effects of fertilization patterns of vegetable fields on nitrogen and phosphorus loss in Taihu Lake basin. (in Chinese with English abstract). Master dissertation of Nanjing Normal University (Nanjing, China)
695	30.39	120.00	vegetable	1.35	5.70	28.25	2.01	33.38	19.10	342.00	333.00	0.00	0.85	Yu D. et al. (2012). Effects of fertilization modes on loss of nitrogen and phosphorus in seepage waters and cucumber quality. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40(2): 822-824
696	30.39	120.00	vegetable	1.35	5.70	28.25	2.01	33.38	19.10	342.00	333.00	267.37	18.49	Yu D. et al. (2012). Effects of fertilization modes on loss of nitrogen and phosphorus in seepage waters and cucumber quality. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40(2): 822-824
697	30.39	120.00	vegetable	1.35	5.70	28.25	2.01	33.38	19.10	342.00	333.00	351.00	13.19	Yu D. et al. (2012). Effects of fertilization modes on loss of nitrogen and phosphorus in seepage waters and cucumber quality. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40(2): 822-824
698	30.39	120.00	vegetable	1.35	5.70	28.25	2.01	33.38	19.10	342.00	333.00	151.00	10.27	Yu D. et al. (2012). Effects of fertilization modes on loss of nitrogen and phosphorus in seepage waters and cucumber quality. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40(2): 822-824
699	30.39	120.00	vegetable	1.35	5.70	28.25	2.01	33.38	19.10	342.00	333.00	281.00	7.85	Yu D. et al. (2012). Effects of fertilization modes on loss of nitrogen and phosphorus in seepage waters and cucumber quality. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40(2): 822-824
700	30.39	120.00	vegetable	1.35	5.70	28.25	2.01	33.38	19.10	342.00	333.00	212.00	7.09	Yu D. et al. (2012). Effects of fertilization modes on loss of nitrogen and phosphorus in seepage waters and cucumber quality. (in Chinese with English abstract). Journal of Anhui Agricultural Sciences. 40(2): 822-824
701	29.79	121.36	vegetable	1.40	5.62	27.99	3.91	28.40	22.70	840.00	945.00	0.00	14.03	Tang Q. et al. (2019). Ecosystem services of partial organic substitution for chemical fertilizer in a peri-urban zone in China. Journal of Cleaner Production. 224: 779-788
702	29.79	121.36	vegetable	1.40	5.62	27.99	3.91	28.40	22.70	840.00	945.00	915.00	99.80	Tang Q. et al. (2019). Ecosystem services of partial organic substitution for chemical fertilizer in a peri-urban zone in China. Journal of Cleaner Production. 224: 779-788
703	29.79	121.36	vegetable	1.40	5.62	27.99	3.91	28.40	22.70	840.00	945.00	915.00	64.16	Tang Q. et al. (2019). Ecosystem services of partial organic substitution for chemical fertilizer in a peri-urban zone in China. Journal of Cleaner Production. 224: 779-788
704	29.79	121.36	vegetable	1.40	5.62	27.99	3.91	28.40	22.70	840.00	945.00	915.00	59.00	Tang Q. et al. (2019). Ecosystem services of partial organic substitution for chemical fertilizer in a peri-urban zone in China. Journal of Cleaner Production. 224: 779-788
705	29.79	121.36	vegetable	1.40	5.62	27.99	3.91	28.40	22.70	840.00	945.00	915.00	56.12	Tang Q. et al. (2019). Ecosystem services of partial organic substitution for chemical fertilizer in a peri-urban zone in China. Journal of Cleaner Production. 224: 779-788
706	29.79	121.36	vegetable	1.40	5.62	27.99	3.91	28.40	22.70	840.00	945.00	915.00	53.52	Tang Q. et al. (2019). Ecosystem services of partial organic substitution for chemical fertilizer in a peri-urban zone in China. Journal of Cleaner Production. 224: 779-788
707	38.71	115.75	vegetable	1.37	8.40	16.47	1.50	9.30	22.07	441.60	842.70	0.00	64.60	Wang D. et al. (2019). Effects of nitrogen fertilizer and water management practices on nitrogen leaching from a typical open field used for vegetable planting in northern China. Agricultural Water Management. 213: 913-921
708	38.71	115.75	vegetable	1.37	8.40	16.47	1.50	9.30	22.07	441.60	842.70	329.00	96.60	Wang D. et al. (2019). Effects of nitrogen fertilizer and water management practices on nitrogen leaching from a typical open field used for vegetable planting in northern China. Agricultural Water Management. 213: 913-921
709	38.71	115.75	vegetable	1.37	8.40	16.47	1.50	9.30	22.07	441.60	842.70	624.00	127.70	Wang D. et al. (2019). Effects of nitrogen fertilizer and water management practices on nitrogen leaching from a typical open field used for vegetable planting in northern China. Agricultural Water Management. 213: 913-921
710	38.71	115.75	vegetable	1.37	8.40	16.47	1.50	9.30	22.07	441.60	842.70	780.00	162.80	Wang D. et al. (2019). Effects of nitrogen fertilizer and water management practices on nitrogen leaching from a typical open field used for vegetable planting in northern China. Agricultural Water Management. 213: 913-921
711	38.71	115.75	vegetable	1.37	8.40	16.47	1.50	9.30	22.07	441.60	842.70	624.00	132.50	Wang D. et al. (2019). Effects of nitrogen fertilizer and water management practices on nitrogen leaching from a typical open field used for vegetable planting in northern China. Agricultural Water Management. 213: 913-921
712	38.71	115.75	vegetable	1.37	8.40	16.47	1.50	9.30	22.07	441.60	842.70	624.00	123.30	Wang D. et al. (2019). Effects of nitrogen fertilizer and water management practices on nitrogen leaching from a typical open field used for vegetable planting in northern China. Agricultural Water Management. 213: 913-921
713	38.71	115.75	vegetable	1.37	8.40	16.47	1.50	9.30	22.07	441.60	842.70	624.00	123.20	Wang D. et al. (2019). Effects of nitrogen fertilizer and water management practices on nitrogen leaching from a typical open field used for vegetable planting in northern China. Agricultural Water Management. 213: 913-921
714	38.71	115.75	vegetable	1.37	8.40	16.47	1.50	9.30	22.07	441.60	842.70	624.00	150.60	Wang D. et al. (2019). Effects of nitrogen fertilizer and water management practices on nitrogen leaching from a typical open field used for vegetable planting in northern China. Agricultural Water Management. 213: 913-921
715	38.71	115.75	vegetable	1.37	8.40	16.47	1.50	9.30	22.07	441.60	842.70	624.00	98.50	Wang D. et al. (2019). Effects of nitrogen fertilizer and water management practices on nitrogen leaching from a typical open field used for vegetable planting in northern China. Agricultural Water Management. 213: 913-921