

Table 1 Stem diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication. 1st Replicate.

Seedlings	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Rep. 1		1	2	3	4	5	6	7	8
1		1.23	1.63	2.15	2.85	3.77	5.15	6.99	8.94
2		1.18	1.57	2.07	2.77	3.63	4.80	6.35	8.88
3		1.17	1.55	2.05	2.71	3.59	4.76	6.28	8.50
4		1.28	1.70	2.29	2.97	3.93	5.31	7.26	9.11
5		1.18	1.57	2.07	2.80	3.63	4.83	6.82	8.90
6		1.14	1.51	2.02	2.65	3.56	4.67	6.13	8.19
7		1.26	1.67	2.20	2.95	3.86	5.17	7.21	9.06
8		1.23	1.63	2.15	2.85	3.77	5.06	6.85	8.92
9		1.35	1.79	2.36	3.13	4.14	5.51	7.86	10.59
10		1.18	1.56	2.06	2.73	3.61	4.98	6.39	8.60

Table 2 Stem diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication. 2nd Replicate.

Seedlings	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Rep. 2		1	2	3	4	5	6	7	8
1		0.89	1.18	1.56	2.07	2.73	3.62	4.79	7.79
2		0.87	1.16	1.53	2.03	2.68	3.55	4.70	7.74
3		0.93	1.23	1.63	2.19	2.86	3.79	5.01	7.86
4		0.71	0.94	1.24	1.64	2.17	2.87	4.13	6.98
5		1.02	1.35	1.79	2.36	3.13	4.14	5.48	7.96
6		0.84	1.12	1.47	1.95	2.59	3.43	4.52	7.54
7		0.76	1.01	1.32	1.77	2.34	3.09	4.24	7.07
8		0.52	0.69	0.97	1.22	1.61	2.13	3.66	6.44
9		0.97	1.29	1.71	2.26	2.99	3.95	5.23	7.89
10		0.68	0.90	1.20	1.59	2.09	2.77	4.02	6.81

Table 3 Stem diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication. 3rd Replicate.

Seedlings	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Rep. 3		1	2	3	4	5	6	7	8
1		0.48	0.64	0.91	1.12	1.48	1.96	3.51	6.03
2		0.87	1.15	1.52	2.01	2.66	3.52	4.65	7.64
3		0.59	0.78	1.04	1.37	1.81	2.40	3.69	6.45
4		1.09	1.44	1.91	2.53	3.35	4.43	5.86	8.10
5		0.93	1.23	1.63	2.15	2.85	3.77	4.99	7.85
6		0.97	1.28	1.69	2.24	2.96	3.92	5.19	7.89
7		0.79	1.05	1.39	1.87	2.43	3.21	4.36	7.26
8		0.91	1.21	1.60	2.12	2.80	3.70	4.90	7.82
9		0.74	0.98	1.29	1.71	2.26	2.99	4.18	6.99
10		1.03	1.36	1.80	2.38	3.15	4.32	5.52	7.93

Table 4 Stem diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication. 4th Replicate.

Seedlings	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Rep. 4		1	2	3	4	5	6	7	8
1		0.77	1.01	1.34	1.78	2.35	3.11	4.31	7.23
2		0.87	1.15	1.52	2.01	2.66	3.52	4.66	7.68
3		0.84	1.11	1.47	1.95	2.57	3.40	4.52	7.54
4		0.62	0.83	1.09	1.45	1.97	2.53	3.84	6.61
5		0.62	0.82	1.06	1.43	1.89	2.47	3.92	6.55
6		1.12	1.48	1.95	2.59	3.42	4.53	6.12	8.16
7		0.92	1.22	1.61	2.13	2.82	3.74	4.95	7.85
8		0.98	1.30	1.72	2.27	3.00	3.97	5.33	7.92
9		0.87	1.16	1.53	2.03	2.68	3.55	4.70	7.75
10		0.89	1.18	1.55	2.06	2.72	3.61	4.77	7.79

Table 5 Stem diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication. 5th Replicate.

Seedlings	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Rep. 5		1	2	3	4	5	6	7	8
1		0.85	1.12	1.48	1.96	1.79	3.48	4.54	7.55
2		0.68	0.90	1.20	1.57	2.09	2.77	3.93	6.69
3		0.49	0.65	0.92	1.14	1.51	1.99	3.57	6.27
4		0.87	1.07	1.43	1.89	2.49	3.31	4.38	7.35
5		0.81	1.07	1.43	1.89	2.47	3.31	4.38	7.39
6		0.69	0.92	1.21	1.60	2.12	2.81	4.06	6.96
7		0.82	1.10	1.44	1.91	2.53	3.35	4.43	7.54
8		0.82	1.07	1.43	1.89	2.51	3.32	4.39	7.43
9		1.14	1.49	1.97	2.61	3.45	4.56	6.04	8.23
10		0.89	1.17	1.55	2.05	2.71	3.59	4.74	7.76