

Table 1 Shoot 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		1.01	1.36	1.84	2.49	3.36	4.54	6.14	6.79
2		0.94	1.28	1.72	2.37	3.15	4.29	5.70	6.36
3		0.92	1.24	1.68	2.28	3.07	4.20	5.58	6.32
4		1.09	1.47	1.99	2.69	3.64	4.93	6.63	6.99
5		0.96	1.30	1.76	2.38	3.21	4.34	5.81	6.38
6		0.91	1.23	1.66	2.24	3.03	4.09	5.47	6.32
7		1.02	1.38	1.86	2.52	3.43	4.60	6.23	6.90
8		0.97	1.31	1.77	2.39	3.23	4.37	5.86	6.71
9		1.13	1.53	2.06	2.79	3.77	5.09	6.84	7.41
10		0.93	1.25	1.71	2.29	3.17	4.23	5.60	6.35

Table 2 Shoot 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		0.77	1.05	1.41	1.91	2.59	3.49	4.69	5.91
2		0.76	1.02	1.38	1.87	2.53	3.41	4.56	5.85
3		0.80	1.08	1.46	1.97	2.66	3.59	4.80	6.02
4		0.65	0.88	1.19	1.60	2.18	2.93	3.90	5.19
5		0.82	1.12	1.52	2.03	2.74	3.70	4.95	6.16
6		0.73	0.99	1.34	1.81	2.44	3.30	4.41	5.54
7		0.68	0.92	1.24	1.68	2.28	3.08	4.11	5.20
8		0.47	0.61	0.79	1.07	1.44	1.95	2.64	4.57
9		0.82	1.10	1.48	1.99	2.69	3.64	4.87	6.12
10		0.56	0.72	0.97	1.32	1.78	2.40	3.19	5.12

Table 3 Shoot 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		0.42	0.52	0.70	0.95	1.28	1.73	2.28	2.68
2		0.74	1.02	1.36	1.83	2.47	3.35	4.46	5.76
3		0.54	0.62	0.87	1.13	1.53	2.06	2.74	4.63
4		0.87	1.17	1.58	2.14	2.89	3.90	5.22	6.23
5		0.79	1.07	1.44	1.95	2.64	3.56	4.77	6.05
6		0.83	1.08	1.47	1.98	2.68	3.62	4.84	6.07
7		0.74	0.98	1.28	1.73	2.35	3.15	4.21	5.37
8		0.79	1.12	1.42	1.93	2.60	3.51	4.70	5.93
9		0.65	0.89	1.23	1.65	2.23	2.99	3.94	5.24
10		0.85	1.14	1.55	2.09	2.82	3.82	5.10	6.18

Table 4 Shoot 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		0.68	0.92	1.26	1.71	2.28	3.10	4.11	5.29
2		0.79	1.01	1.37	1.84	2.47	3.36	4.46	5.81
3		0.75	0.99	1.33	1.80	2.43	3.29	4.39	5.46
4		0.52	0.70	0.94	1.27	1.72	2.33	3.09	4.85
5		0.49	0.66	0.90	1.21	1.64	2.21	2.94	4.85
6		0.89	1.19	1.61	2.18	2.94	3.98	5.32	6.31
7		0.78	1.06	1.43	1.93	2.61	3.53	4.71	5.93
8		0.82	1.11	1.50	2.02	2.73	3.69	4.94	6.13
9		0.78	1.02	1.38	1.86	2.51	3.37	4.56	5.82
10		0.77	1.03	1.39	1.88	2.57	3.43	4.63	5.86

Table 5 Shoot 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		0.74	1.00	1.35	1.82	2.46	3.32	4.44	5.56
2		0.52	0.71	0.96	1.29	1.76	2.36	3.14	5.10
3		0.39	0.53	0.71	0.97	1.30	1.76	2.36	4.54
4		0.72	0.97	1.31	1.77	2.39	3.23	4.31	5.43
5		0.71	0.96	1.30	1.75	2.37	3.20	4.28	5.41
6		0.54	0.73	0.98	1.33	1.79	2.42	3.22	5.14
7		0.72	0.98	1.32	1.79	2.42	3.26	4.36	5.46
8		0.72	0.98	1.32	1.78	2.41	3.24	4.34	5.46
9		0.90	1.22	1.64	2.22	3.01	4.05	5.42	6.31
10		0.76	1.02	1.38	1.87	2.54	3.42	4.56	5.86