

Table 1 Stem diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* of Control Treatment/No Fertilizer 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		0.69	0.91	1.22	1.59	2.14	2.78	3.68	4.92
2		0.71	0.94	1.24	1.67	2.18	2.88	3.81	5.33
3		0.70	0.93	1.23	1.63	2.15	2.86	3.77	5.11
4		0.81	1.07	1.42	1.88	2.48	3.32	4.68	6.36
5		0.71	0.94	1.24	1.64	2.17	2.87	3.80	5.17
6		0.74	0.98	1.29	1.71	2.26	3.09	4.20	5.37
7		0.76	1.01	1.32	1.77	2.32	3.11	4.33	5.44
8		0.74	0.98	1.29	1.71	2.26	3.04	4.11	5.36
9		0.77	1.02	1.38	1.78	2.36	3.22	4.36	5.47
10		0.71	0.94	1.24	1.68	2.18	2.89	4.10	5.35

Table 2 Stem diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* of Control Treatment/No Fertilizer 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		0.46	0.61	0.81	1.07	1.41	1.87	2.59	4.34
2		0.56	0.74	0.98	1.29	1.71	2.26	2.99	4.71
3		0.53	0.69	0.92	1.22	1.61	2.13	2.82	4.65
4		0.36	0.47	0.62	0.82	1.09	1.44	2.22	3.87
5		0.48	0.63	0.83	1.13	1.46	1.93	2.62	4.36
6		0.37	0.49	0.64	0.86	1.13	1.48	2.29	3.93
7		0.51	0.67	0.88	1.17	1.55	2.04	2.71	4.53
8		0.52	0.69	0.91	1.23	1.60	2.11	2.79	4.61
9		0.46	0.61	0.80	1.09	1.40	1.86	2.55	4.22
10		0.52	0.69	0.91	1.20	1.59	2.11	2.79	4.59

Table 3 Stem diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* of Control Treatment/No Fertilizer 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		0.53	0.71	0.93	1.24	1.63	2.17	2.86	4.68
2		0.55	0.73	0.96	1.27	1.68	2.22	2.94	4.69
3		0.66	0.87	1.15	1.52	2.01	2.66	3.52	4.86
4		0.41	0.54	0.72	0.96	1.26	1.66	2.42	4.09
5		0.30	0.39	0.56	0.68	0.90	1.20	2.14	3.77
6		0.42	0.56	0.73	0.99	1.27	1.68	2.44	4.18
7		0.41	0.54	0.72	0.94	1.26	1.66	2.36	4.02
8		0.38	0.50	0.66	0.88	1.19	1.52	2.31	3.97
9		0.49	0.64	0.86	1.16	1.49	1.99	2.63	4.38
10		0.67	0.89	1.17	1.56	2.05	2.72	3.55	4.89

Table 4 Stem diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* of Control Treatment/No Fertilizer 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		0.53	0.71	0.93	1.23	1.63	2.16	2.85	4.66
2		0.51	0.67	0.89	1.18	1.08	2.09	2.72	4.53
3		0.53	0.69	0.92	1.22	1.61	2.13	2.82	4.64
4		0.62	0.82	1.08	1.43	1.89	2.60	3.32	4.76
5		0.32	0.42	0.59	0.73	0.97	1.28	2.20	3.87
6		0.56	0.74	0.98	1.32	1.72	2.27	3.01	4.72
7		0.58	0.77	1.02	1.34	1.78	2.35	3.11	4.74
8		0.49	0.65	0.86	1.14	1.50	1.99	2.63	4.46
9		0.54	0.71	0.94	1.24	1.64	2.17	2.87	4.68
10		0.68	0.89	1.18	1.56	2.07	2.74	3.62	4.91

Table 5 Stem diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* of Control Treatment/No Fertilizer 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		0.29	0.38	0.55	0.67	0.89	1.18	2.11	3.62
2		0.43	0.56	0.74	0.98	1.30	1.72	2.48	4.19
3		0.50	0.66	0.87	1.15	1.52	2.01	2.66	4.53
4		0.44	0.59	0.78	1.03	1.36	1.80	2.51	4.20
5		0.49	0.64	0.86	1.14	1.50	1.99	2.63	4.41
6		0.62	0.78	1.03	1.36	1.80	2.39	3.16	4.74
7		0.55	0.73	0.97	1.28	1.70	2.24	2.97	4.71
8		0.59	0.77	1.02	1.36	1.79	2.37	3.14	4.74
9		0.51	0.67	0.89	1.17	1.56	2.06	2.71	4.53
10		0.67	0.81	1.07	1.42	1.88	2.49	3.29	4.75