

**Table 1** Leaf lengths (mm) from five fully developed leaves of the 1<sup>st</sup> seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#1 Rep. 4		1	2	3	4	5	6	7	8
1		11.73	15.64	20.86	27.82	37.10	40.72	44.35	47.33
2		10.71	14.28	19.05	25.40	33.87	37.50	41.13	46.28
3		9.99	13.32	17.77	23.69	31.59	35.22	38.85	44.69
4		9.39	12.52	16.69	22.26	29.68	33.31	36.94	43.99
5		9.70	12.93	17.24	22.99	30.66	34.29	37.92	43.08

**Table 2** Leaf lengths (mm) from five fully developed leaves of the 2<sup>nd</sup> seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#2 Rep. 4		1	2	3	4	5	6	7	8
1		9.68	12.91	17.21	22.96	30.61	34.24	37.87	45.09
2		10.36	13.82	18.42	24.57	32.76	36.39	40.02	43.83
3		9.47	12.63	16.84	22.46	29.95	33.58	37.20	43.14
4		8.86	11.81	15.75	21.00	28.00	31.63	35.26	42.14
5		9.26	12.34	16.46	21.95	29.27	32.90	36.52	40.25

**Table 3** Leaf lengths (mm) from five fully developed leaves of the 3<sup>rd</sup> seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#3 Rep. 4		1	2	3	4	5	6	7	8
1		10.53	14.04	18.72	24.96	33.28	36.91	40.54	47.01
2		10.58	14.11	18.81	25.09	33.46	37.09	40.72	45.38
3		9.79	13.06	17.41	23.22	30.96	34.59	38.22	44.32
4		9.19	12.25	16.33	21.78	29.05	32.68	36.30	43.39
5		9.59	12.79	17.05	22.74	30.33	33.96	37.58	41.37

**Table 4** Leaf lengths (mm) from five fully developed leaves of the 4<sup>th</sup> seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#4 Rep. 4		1	2	3	4	5	6	7	8
1		12.10	16.13	21.51	28.68	38.25	41.88	45.51	50.06
2		11.79	15.72	20.96	27.95	37.27	40.90	44.53	49.21
3		11.09	14.79	19.72	26.30	35.07	38.70	42.33	47.41
4		10.24	13.66	18.21	24.28	32.38	36.01	39.64	46.36
5		10.12	13.50	18.00	24.00	32.00	35.63	39.26	45.62

**Table 5** Leaf lengths (mm) from five fully developed leaves of the 5<sup>th</sup> seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#5 Rep. 4		1	2	3	4	5	6	7	8
1		7.59	10.11	13.49	17.99	23.99	27.62	31.24	37.46
2		7.26	9.68	12.91	17.22	22.96	26.59	30.22	36.71
3		7.86	10.47	13.97	18.63	24.84	28.47	32.10	38.33
4		7.49	9.99	13.32	17.76	23.69	27.31	30.94	37.16
5		8.17	10.89	14.52	19.36	25.82	29.45	33.08	40.25

**Table 6** Leaf lengths (mm) from five fully developed leaves of the 6<sup>th</sup> seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#6 Rep. 4		1	2	3	4	5	6	7	8
1		10.88	14.51	19.35	25.80	34.41	38.04	41.66	49.09
2		11.54	15.38	20.51	27.35	36.48	40.11	43.74	47.61
3		10.72	14.30	19.06	25.42	33.90	37.53	41.16	46.36
4		9.69	12.92	17.22	22.97	30.63	34.26	37.88	45.78
5		9.92	13.22	17.63	23.51	31.36	34.98	38.61	45.38

**Table 7** Leaf lengths (mm) from five fully developed leaves of the 7<sup>th</sup> seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#7 Rep. 4		1	2	3	4	5	6	7	8
1		11.25	15.00	20.00	26.67	35.56	39.19	42.82	49.27
2		11.57	15.42	20.57	27.43	36.57	40.20	43.83	47.98
3		10.84	14.46	19.28	25.71	34.28	37.91	41.54	46.53
4		9.72	12.96	17.29	23.05	30.74	34.37	38.00	45.85
5		9.96	13.28	17.70	23.61	31.48	35.11	38.74	45.48

**Table 8** Leaf lengths (mm) from five fully developed leaves of the 8<sup>th</sup> seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#8 Rep. 4		1	2	3	4	5	6	7	8
1		9.37	12.49	16.65	22.21	29.62	33.24	36.87	43.81
2		9.09	12.12	16.16	21.54	28.73	32.36	35.99	42.41
3		9.26	12.35	16.47	21.96	29.28	32.91	36.54	42.12
4		8.71	11.62	15.49	20.66	27.54	31.17	34.80	41.03
5		9.13	12.18	16.24	21.65	28.87	32.50	36.13	39.30

**Table 9** Leaf lengths (mm) from five fully developed leaves of the 9<sup>th</sup> seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#9 Rep. 4		1	2	3	4	5	6	7	8
1		10.71	14.28	19.05	25.40	33.87	37.50	41.13	48.06
2		10.80	14.40	19.20	25.60	34.14	37.77	41.40	47.24
3		10.46	13.94	18.59	24.79	33.06	36.69	40.32	45.04
4		9.46	12.62	16.82	22.43	29.92	33.54	37.17	44.40
5		9.79	13.05	17.40	23.20	30.94	34.57	38.20	43.82

**Table 10** Leaf lengths (mm) from five fully developed leaves of the 10<sup>th</sup> seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling #10 Rep. 4	Week	(mm) 1	(mm) 2	(mm) 3	(mm) 4	(mm) 5	(mm) 6	(mm) 7	(mm) 8
1		11.74	15.66	20.88	27.84	37.13	40.76	44.38	51.57
2		12.19	16.26	21.68	28.91	38.55	42.18	45.81	50.51
3		11.37	15.16	20.22	26.96	35.96	39.59	43.21	49.66
4		10.50	14.00	18.66	24.89	33.19	36.82	40.45	47.34
5		10.34	13.78	18.38	24.51	32.68	36.31	39.94	46.65