

Table 1 Root lengths (RLs) and root widths (RWs) (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* of Control Treatment/No Fertilizer treatment measured at the final week (8th week) of experimentation. Rep.: Replication. 1st Replicate.

Seedlings Rep. 1	Week 8	(mm)	(mm)
		RL	RW
1		53.41	5.53
2		54.52	5.87
3		53.46	5.76
4		61.69	7.76
5		53.70	5.77
6		58.11	6.41
7		58.46	6.53
8		56.35	6.28
9		60.95	7.67
10		55.11	5.93

Table 2 Root lengths (RLs) and root widths (RWs) (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* of Control Treatment/No Fertilizer treatment measured at the final week (8th week) of experimentation. Rep.: Replication. 2nd Replicate.

Seedlings Rep. 2	Week 8	(mm)	(mm)
		RL	RW
1		39.66	3.90
2		47.92	4.78
3		45.81	4.38
4		29.56	3.39
5		40.01	3.92
6		29.56	3.40
7		44.45	4.14
8		44.92	4.37
9		39.29	3.87
10		44.89	4.24

Table 3 Root lengths (RLs) and root widths (RWs) (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* of Control Treatment/No Fertilizer treatment measured at the final week (8th week) of experimentation. Rep.: Replication. 3rd Replicate.

Seedlings Rep. 3	Week 8	(mm)	(mm)
		RL	RW
1		46.15	4.63
2		47.33	4.75
3		50.89	5.12
4		36.48	3.53
5		27.08	3.27
6		37.08	3.54
7		36.47	3.51
8		33.43	3.41
9		40.30	3.96
10		51.68	5.28

Table 4 Root lengths (RLs) and root widths (RWs) (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* of Control Treatment/No Fertilizer treatment measured at the final week (8th week) of experimentation. Rep.: Replication. 4th Replicate.

Seedlings Rep. 4	Week 8	(mm)	(mm)
		RL	RW
1		45.91	4.61
2		44.67	4.17
3		45.57	4.38
4		50.11	5.07
5		28.63	3.28
6		49.04	4.79
7		49.06	4.82
8		43.66	3.99
9		47.19	4.72
10		53.13	5.46

Table 5 Root lengths (RLs) and root widths (RWs) (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* of Control Treatment/No Fertilizer treatment measured at the final week (8th week) of experimentation. Rep.: Replication. 5th Replicate.

Seedlings Rep. 5	Week 8	(mm) RL	(mm) RW
1		20.61	3.24
2		37.64	3.68
3		43.88	4.05
4		38.88	3.73
5		43.64	3.96
6		49.71	5.02
7		47.82	4.76
8		49.61	4.86
9		44.62	4.14
10		50.01	5.04