

Table 1 Shoot diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with CHCF 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		0.71	0.96	1.30	1.76	2.37	3.22	4.29	4.71
2		0.72	0.97	1.31	1.77	2.39	3.22	4.33	4.95
3		0.68	0.92	1.24	1.68	2.27	3.10	4.12	4.67
4		0.67	0.91	1.22	1.65	2.23	3.02	4.04	4.67
5		0.70	0.94	1.27	1.75	2.32	3.17	4.21	4.69
6		0.81	1.09	1.47	1.99	2.69	3.64	4.90	5.16
7		0.83	1.13	1.52	2.06	2.78	3.76	5.05	5.47
8		0.75	1.02	1.38	1.86	2.51	3.40	4.60	5.09
9		0.69	0.93	1.26	1.71	2.28	3.17	4.13	4.69
10		0.74	1.01	1.36	1.85	2.48	3.36	4.53	5.01

Table 2 Shoot diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with CHCF 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		0.53	0.72	0.97	1.32	1.78	2.39	3.21	4.03
2		0.34	0.46	0.65	0.83	1.13	1.52	2.02	3.42
3		0.39	0.53	0.72	0.97	1.31	1.77	2.36	3.78
4		0.59	0.78	1.05	1.42	1.92	2.60	3.47	4.38
5		0.62	0.81	1.09	1.47	1.99	2.69	3.59	4.52
6		0.57	0.77	1.04	1.41	1.91	2.58	3.46	4.36
7		0.37	0.49	0.66	0.90	1.21	1.63	2.17	3.58
8		0.58	0.79	1.07	1.44	1.95	2.63	3.52	4.45
9		0.49	0.66	0.91	1.22	1.65	2.21	2.92	3.84
10		0.57	0.75	1.00	1.35	1.82	2.47	3.39	4.25

Table 3 Shoot diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with CHCF fertilizer treatment during the duration of experimentations; eight weeks (± 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		0.66	0.90	1.21	1.64	2.22	2.99	4.00	4.66
2		0.61	0.82	1.13	1.50	2.02	2.73	3.66	4.54
3		0.38	0.52	0.70	0.94	1.27	1.72	2.28	3.58
4		0.53	0.71	0.96	1.30	1.75	2.37	3.16	3.99
5		0.56	0.76	1.02	1.38	1.87	2.52	3.37	4.32
6		0.53	0.71	0.97	1.30	1.76	2.38	3.18	4.01
7		0.54	0.73	0.98	1.33	1.80	2.43	3.24	4.03
8		0.50	0.68	0.93	1.26	1.68	2.29	3.03	3.91
9		0.55	0.75	1.02	1.37	1.85	2.49	3.37	4.30
10		0.56	0.76	1.03	1.39	1.89	2.53	3.42	4.32

Table 4 Shoot diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with CHCF fertilizer treatment during the duration of experimentations; eight weeks (± 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		0.64	0.86	1.17	1.58	2.13	2.88	3.85	4.60
2		0.28	0.38	0.52	0.70	0.94	1.27	1.68	1.98
3		0.32	0.45	0.58	0.79	1.07	1.44	1.95	3.38
4		0.40	0.54	0.73	0.98	1.32	1.79	2.38	3.79
5		0.52	0.70	0.94	1.27	1.73	2.33	3.11	3.94
6		0.29	0.39	0.53	0.71	0.96	1.30	1.74	3.35
7		0.56	0.76	1.02	1.38	1.88	2.53	3.37	4.32
8		0.39	0.52	0.71	0.96	1.30	1.74	2.32	3.76
9		0.63	0.85	1.14	1.54	2.08	2.82	3.77	4.56
10		0.61	0.82	1.10	1.49	2.02	2.73	3.65	4.53

Table 5 Shoot diameters (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with CHCF 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		0.58	0.78	1.06	1.43	1.93	2.60	3.48	4.38
2		0.54	0.73	0.99	1.33	1.80	2.44	3.26	4.09
3		0.48	0.65	0.88	1.18	1.61	2.16	2.88	3.83
4		0.54	0.74	0.99	1.34	1.82	2.45	3.28	4.11
5		0.55	0.74	1.01	1.36	1.82	2.48	3.29	4.29
6		0.59	0.80	1.07	1.45	1.96	2.65	3.54	4.45
7		0.54	0.72	0.98	1.32	1.78	2.41	3.22	4.03
8		0.65	0.88	1.19	1.61	2.17	2.94	3.93	4.66
9		0.50	0.68	0.92	1.24	1.68	2.27	3.03	3.84
10		0.59	0.80	1.08	1.46	1.98	2.67	3.57	4.48