

Table 1 Stem 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		0.87	1.16	1.53	2.07	2.68	3.54	5.04	6.57
2		0.91	1.20	1.59	2.10	2.78	3.73	5.06	6.59
3		0.86	1.14	1.51	2.00	2.65	3.52	4.64	6.28
4		0.84	1.12	1.49	1.95	2.63	3.42	4.53	6.05
5		0.87	1.16	1.53	2.09	2.68	3.54	4.69	6.56
6		0.95	1.25	1.69	2.23	2.90	3.92	5.36	6.73
7		1.04	1.32	1.74	2.31	3.05	4.07	5.76	7.82
8		0.93	1.24	1.63	2.18	2.85	3.82	5.33	6.69
9		0.87	1.15	1.52	2.07	2.67	3.53	4.67	6.35
10		0.91	1.20	1.59	2.11	2.78	3.80	5.16	6.60

Table 2 Stem 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		0.60	0.79	1.06	1.40	1.85	2.45	3.24	5.49
2		0.44	0.58	0.76	1.01	1.34	1.77	2.72	4.76
3		0.50	0.67	0.88	1.17	1.55	2.05	2.97	5.19
4		0.67	0.89	1.18	1.56	2.07	2.73	3.62	5.77
5		0.72	0.95	1.26	1.67	2.21	2.92	3.89	5.82
6		0.66	0.87	1.15	1.52	2.02	2.67	3.53	5.75
7		0.46	0.60	0.78	1.05	1.40	1.92	2.87	4.83
8		0.69	0.91	1.20	1.59	2.10	2.78	3.68	5.79
9		0.54	0.72	0.95	1.26	1.67	2.21	3.11	5.18
10		0.64	0.85	1.12	1.48	1.96	2.66	3.43	5.65

Table 3 Stem 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		0.83	1.10	1.45	1.92	2.55	3.37	4.46	6.04
2		0.75	1.00	1.32	1.75	2.31	3.06	4.05	5.84
3		0.46	0.61	0.81	1.07	1.46	1.87	2.84	4.88
4		0.60	0.79	1.06	1.40	1.83	2.45	3.24	5.38
5		0.65	0.85	1.13	1.50	1.98	2.62	3.47	5.71
6		0.60	0.79	1.06	1.40	1.84	2.45	3.24	5.42
7		0.62	0.82	1.09	1.44	1.90	2.51	3.34	5.57
8		0.57	0.75	0.99	1.31	1.73	2.30	3.18	5.34
9		0.65	0.85	1.13	1.50	1.98	2.62	3.47	5.70
10		0.66	0.87	1.15	1.52	2.01	2.66	3.52	5.75

Table 4 Stem 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		0.81	1.07	1.46	1.87	2.47	3.27	4.33	5.98
2		0.36	0.47	0.67	0.83	1.09	1.45	2.59	4.45
3		0.39	0.51	0.72	0.90	1.19	1.57	2.70	4.75
4		0.51	0.68	0.89	1.18	1.57	2.07	3.00	5.14
5		0.58	0.77	1.07	1.38	1.79	2.37	3.22	5.36
6		0.36	0.48	0.68	0.84	1.11	1.49	2.63	4.63
7		0.65	0.87	1.14	1.51	2.00	2.65	3.50	5.73
8		0.50	0.67	0.88	1.16	1.55	2.08	2.90	4.94
9		0.76	1.01	1.33	1.76	2.33	3.22	4.08	5.85
10		0.72	0.96	1.27	1.68	2.22	2.93	3.88	5.83

Table 5 Stem 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		0.68	0.90	1.19	1.58	2.09	2.76	3.65	5.79
2		0.62	0.82	1.09	1.44	1.91	2.53	3.34	5.57
3		0.52	0.69	0.92	1.21	1.60	2.12	3.05	5.15
4		0.62	0.82	1.09	1.45	1.32	2.57	3.35	5.57
5		0.64	0.85	1.12	1.48	1.96	2.60	3.44	5.67
6		0.69	0.91	1.21	1.62	2.11	2.79	3.70	5.80
7		0.61	0.81	1.07	1.41	1.87	2.47	3.27	5.57
8		0.82	1.09	1.44	1.91	2.53	3.34	4.42	6.02
9		0.56	0.74	0.98	1.30	1.73	2.28	3.13	5.18
10		0.71	0.94	1.25	1.65	2.19	2.89	3.83	5.82