

**Table 1** Leaf lengths (mm) from five fully developed leaves of the 1<sup>st</sup> seedling of *Amaranthus tricolor* with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#1 Rep. 3		1	2	3	4	5	6	7	8
1		14.44	19.26	25.68	34.24	45.67	50.13	54.59	63.43
2		14.99	19.99	26.66	35.56	47.42	51.88	56.34	62.12
3		13.99	18.65	24.87	33.17	44.23	48.69	53.15	61.08
4		12.91	17.21	22.96	30.61	40.82	45.29	49.75	58.23
5		12.71	16.95	22.61	30.15	40.20	44.66	49.13	57.37

**Table 2** Leaf lengths (mm) from five fully developed leaves of the 2<sup>nd</sup> seedling of *Amaranthus tricolor* with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#2 Rep. 3		1	2	3	4	5	6	7	8
1		14.63	19.51	26.02	34.70	46.27	50.73	55.19	61.27
2		14.43	19.25	25.67	34.23	45.65	50.11	54.57	59.88
3		13.49	17.99	24.00	32.00	42.67	47.13	51.60	57.91
4		12.48	16.64	22.19	29.59	39.46	43.92	48.39	56.87
5		12.42	16.56	22.08	29.45	39.27	43.73	48.19	56.06

**Table 3** Leaf lengths (mm) from five fully developed leaves of the 3<sup>rd</sup> seedling of *Amaranthus tricolor* with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#3 Rep. 3		1	2	3	4	5	6	7	8
1		9.99	13.32	17.76	23.69	31.59	36.05	40.51	46.19
2		9.67	12.90	17.20	22.94	30.59	35.06	39.52	47.08
3		10.04	13.38	17.85	23.80	31.74	36.20	40.67	44.42
4		10.07	13.43	17.90	23.87	31.84	36.30	40.76	45.42
5		10.42	13.90	18.54	24.72	32.97	37.43	41.89	50.77

**Table 4** Leaf lengths (mm) from five fully developed leaves of the 4<sup>th</sup> seedling of *Amaranthus tricolor* with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#4 Rep. 3		1	2	3	4	5	6	7	8
1		11.03	14.70	19.61	26.15	34.87	39.33	43.80	52.61
2		10.90	14.54	19.39	25.86	34.48	38.95	43.41	50.95
3		10.80	14.40	19.20	25.61	34.15	38.62	43.08	50.63
4		10.42	13.90	18.54	24.72	32.97	37.43	41.89	50.07
5		11.20	14.93	19.92	26.56	35.42	39.88	44.34	48.24

**Table 5** Leaf lengths (mm) from five fully developed leaves of the 5<sup>th</sup> seedling of *Amaranthus tricolor* with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#5 Rep. 3		1	2	3	4	5	6	7	8
1		12.97	17.30	23.07	30.76	41.02	45.48	49.94	58.10
2		13.01	17.35	23.14	30.86	41.15	45.62	50.08	56.78
3		12.28	16.38	21.84	29.13	38.84	43.30	47.77	54.58
4		11.38	15.18	20.24	27.00	36.00	40.46	44.93	54.01
5		11.80	15.74	20.99	27.99	37.32	41.79	46.25	52.34

**Table 6** Leaf lengths (mm) from five fully developed leaves of the 6<sup>th</sup> seedling of *Amaranthus tricolor* with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#6 Rep. 3		1	2	3	4	5	6	7	8
1		12.12	16.16	21.56	28.75	38.33	42.80	47.26	53.08
2		10.98	14.65	19.53	26.05	34.74	39.20	43.66	51.12
3		11.37	15.16	20.22	26.97	35.96	40.42	44.89	51.45
4		10.53	14.05	18.73	24.98	33.32	37.78	42.24	50.11
5		11.21	14.95	19.94	26.59	35.46	39.92	44.38	48.26

**Table 7** Leaf lengths (mm) from five fully developed leaves of the 7<sup>th</sup> seedling of *Amaranthus tricolor* with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#7 Rep. 3		1	2	3	4	5	6	7	8
1		11.67	15.57	20.76	27.68	36.91	41.38	45.84	55.66
2		12.07	16.09	21.46	28.61	38.16	42.62	47.08	53.03
3		11.46	15.29	20.39	27.19	36.25	40.72	45.18	52.87
4		10.77	14.37	19.16	25.55	34.07	38.54	43.00	51.69
5		11.34	15.12	20.17	26.89	35.86	40.33	44.79	49.29

**Table 8** Leaf lengths (mm) from five fully developed leaves of the 8<sup>th</sup> seedling of *Amaranthus tricolor* with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#8 Rep. 3		1	2	3	4	5	6	7	8
1		10.79	14.38	19.18	25.58	34.11	38.58	43.04	51.49
2		10.41	13.88	18.52	24.69	32.93	37.39	41.85	50.77
3		10.55	14.07	18.76	25.01	33.35	37.82	42.28	49.67
4		10.38	13.84	18.45	24.60	32.81	37.27	41.74	48.98
5		11.00	14.67	19.57	26.09	34.79	39.26	43.72	47.43

**Table 9** Leaf lengths (mm) from five fully developed leaves of the 9<sup>th</sup> seedling of *Amaranthus tricolor* with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#9 Rep. 3		1	2	3	4	5	6	7	8
1		12.95	17.26	23.02	30.70	40.94	45.40	49.87	57.82
2		13.01	17.35	23.14	30.86	41.15	45.62	50.08	55.81
3		12.04	16.06	21.41	28.56	38.08	42.54	47.01	54.51
4		11.30	15.07	20.09	26.79	35.73	40.19	44.65	53.37
5		11.80	15.73	20.98	27.97	37.30	41.77	46.23	50.89

**Table 10** Leaf lengths (mm) from five fully developed leaves of the 10<sup>th</sup> seedling of *Amaranthus tricolor* with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

Seedling	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
#10 Rep. 3		1	2	3	4	5	6	7	8
1		12.79	17.05	22.74	30.32	40.43	44.90	49.36	58.74
2		13.23	17.64	23.52	31.37	41.83	46.30	50.76	57.32
3		12.66	16.89	22.52	30.03	40.05	44.51	48.97	55.31
4		11.57	15.43	20.58	27.45	36.60	41.07	45.53	55.13
5		11.98	15.98	21.30	28.41	37.89	42.35	46.81	53.52