

**Table 1** Heights (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. 1<sup>st</sup> Replicate.

Seedlings	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Rep. 1		1	2	3	4	5	6	7	8
1		43.85	57.78	75.73	99.29	130.19	170.74	223.94	288.74
2		43.97	57.94	75.94	99.56	130.55	171.22	224.57	289.54
3		41.94	55.28	72.45	94.98	124.54	163.32	214.21	281.36
4		41.88	55.20	72.34	94.84	124.36	163.09	213.90	281.30
5		43.60	57.46	75.31	98.73	129.46	169.78	222.68	284.19
6		46.86	62.67	80.92	106.09	139.12	182.45	239.31	305.84
7		52.46	69.08	90.55	118.73	155.70	204.21	267.86	310.94
8		45.88	60.44	79.22	103.87	136.20	178.63	238.37	296.55
9		42.25	55.68	72.98	95.67	127.86	164.52	215.78	281.79
10		44.16	58.18	77.31	99.98	131.10	171.93	225.51	296.18

**Table 2** Heights (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. 2<sup>nd</sup> Replicate.

Seedlings	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Rep. 2		1	2	3	4	5	6	7	8
1		35.24	46.48	61.38	79.89	105.66	137.26	180.02	234.62
2		30.32	40.41	52.44	68.73	90.09	118.13	154.92	188.62
3		31.30	41.32	54.24	70.95	93.01	121.96	163.22	215.19
4		38.93	51.32	67.26	88.17	115.99	151.61	198.84	258.67
5		40.16	52.94	69.38	90.95	119.25	156.39	205.11	269.49
6		38.50	50.76	66.52	87.20	114.33	149.93	196.64	257.93
7		30.38	40.11	52.55	69.31	90.28	118.37	155.23	203.63
8		39.61	52.21	68.43	89.70	117.61	154.24	202.29	263.40
9		32.47	42.85	56.15	73.59	96.47	126.50	165.90	220.23
10		36.59	48.26	63.24	82.89	108.68	142.52	186.92	248.34

**Table 3** Heights (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. 3<sup>rd</sup> Replicate.

Seedlings	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Rep. 3		1	2	3	4	5	6	7	8
1		41.70	54.95	72.03	94.42	123.81	162.85	212.96	279.58
2		40.34	53.18	69.70	91.37	119.80	157.11	206.15	272.32
3		31.12	41.08	53.82	70.48	92.46	121.24	159.00	203.87
4		34.99	46.16	60.49	79.28	104.06	136.30	178.90	231.30
5		37.21	49.06	64.30	84.99	110.51	144.91	190.47	249.94
6		35.12	46.32	60.70	79.56	104.31	136.78	179.39	232.65
7		36.74	47.13	62.24	80.95	106.13	139.17	182.53	237.88
8		33.70	44.46	58.26	76.37	100.12	131.28	177.86	223.37
9		38.12	48.82	64.08	83.87	109.96	144.20	189.11	249.14
10		38.07	50.37	66.05	86.23	113.06	148.26	194.45	256.58

**Table 4** Heights (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. 4<sup>th</sup> Replicate.

Seedlings	Week	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Rep. 4		1	2	3	4	5	6	7	8
1		41.14	54.23	71.07	93.17	122.17	160.22	210.13	275.64
2		27.49	36.78	47.57	63.78	81.71	107.13	140.48	181.67
3		30.26	40.10	52.33	68.59	89.91	117.89	154.60	187.82
4		32.16	42.56	55.62	72.89	95.56	125.30	164.33	217.40
5		34.93	46.08	60.38	79.14	103.76	136.07	178.53	230.50
6		30.01	39.62	51.91	68.39	89.61	117.34	153.35	187.45
7		37.76	50.00	65.25	85.53	112.15	147.06	192.88	256.33
8		31.18	41.16	53.92	70.67	92.65	121.48	159.78	206.39
9		40.41	53.26	69.80	91.51	119.98	157.35	206.37	274.11
10		40.28	53.10	69.59	91.23	119.62	156.87	205.74	269.62

**Table 5** Heights (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. 5<sup>th</sup> Replicate.

<b>Seedlings</b>	<b>Week</b>	<b>(mm)</b>	<b>(mm)</b>	<b>(mm)</b>	<b>(mm)</b>	<b>(mm)</b>	<b>(mm)</b>	<b>(mm)</b>	<b>(mm)</b>
<b>Rep. 5</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
<b>1</b>		39.48	52.05	68.21	89.42	117.25	153.93	201.66	262.17
<b>2</b>		36.35	47.93	62.81	82.34	107.96	141.88	185.66	242.00
<b>3</b>		32.23	42.80	55.90	73.03	95.74	125.54	164.64	219.00
<b>4</b>		36.47	48.10	63.03	82.62	108.32	142.25	186.29	246.68
<b>5</b>		36.59	48.26	63.24	82.89	109.63	142.52	186.92	249.08
<b>6</b>		39.73	52.37	68.64	89.98	117.98	154.72	202.92	265.07
<b>7</b>		35.61	46.97	61.87	80.67	105.90	138.70	181.90	237.51
<b>8</b>		41.39	54.55	71.50	93.73	123.81	161.17	211.39	275.70
<b>9</b>		32.78	43.91	57.73	74.28	97.38	127.70	167.47	221.52
<b>10</b>		40.04	52.78	69.17	90.67	118.89	155.91	204.49	268.51