

**Table 1** Root lengths (RLs) and root widths (RWs) (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with CHCF fertilizer treatment measured at the final week (8<sup>th</sup> week) of experimentation. Rep.: Replication. 1<sup>st</sup> Replicate.

Seedlings Rep. 1	Week 8	(mm)	(mm)
		RL	RW
1		91.48	9.84
2		93.53	10.42
3		88.74	9.55
4		88.65	9.18
5		90.50	9.74
6		101.17	12.72
7		102.41	12.88
8		97.04	10.83
9		89.13	9.58
10		96.46	10.63

**Table 2** Root lengths (RLs) and root widths (RWs) (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with CHCF fertilizer treatment measured at the final week (8<sup>th</sup> week) of experimentation. Rep.: Replication. 2<sup>nd</sup> Replicate.

Seedlings Rep. 2	Week 8	(mm)	(mm)
		RL	RW
1		72.48	6.62
2		49.06	5.63
3		60.55	5.86
4		78.56	7.88
5		82.34	8.07
6		78.33	7.83
7		49.07	5.64
8		79.54	7.93
9		64.54	6.19
10		74.52	7.04

**Table 3** Root lengths (RLs) and root widths (RWs) (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with CHCF fertilizer treatment measured at the final week (8<sup>th</sup> week) of experimentation. Rep.: Replication. 3<sup>rd</sup> Replicate.

Seedlings Rep. 3	Week 8	(mm)	(mm)
		RL	RW
1		88.19	9.06
2		83.01	8.37
3		55.49	5.66
4		66.90	6.57
5		76.04	7.27
6		72.43	6.57
7		73.78	6.86
8		65.83	6.47
9		75.64	7.26
10		76.60	7.68

**Table 4** Root lengths (RLs) and root widths (RWs) (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with CHCF fertilizer treatment measured at the final week (8<sup>th</sup> week) of experimentation. Rep.: Replication. 4<sup>th</sup> Replicate.

Seedlings Rep. 4	Week 8	(mm)	(mm)
		RL	RW
1		84.47	8.49
2		34.20	5.37
3		47.53	5.44
4		61.54	5.88
5		66.41	6.50
6		44.95	5.42
7		76.20	7.65
8		60.53	5.83
9		83.17	8.41
10		82.52	8.33

**Table 5** Root lengths (RLs) and root widths (RWs) (mm) of all seedlings (10 seedlings) of *Amaranthus tricolor* with CHCF fertilizer treatment measured at the final week (8<sup>th</sup> week) of experimentation. Rep.: Replication. 5<sup>th</sup> Replicate.

<b>Seedlings Rep. 5</b>	<b>Week 8</b>	<b>(mm) RL</b>	<b>(mm) RW</b>
<b>1</b>		79.38	7.90
<b>2</b>		74.07	6.87
<b>3</b>		62.47	6.10
<b>4</b>		74.14	6.92
<b>5</b>		74.56	7.25
<b>6</b>		81.41	7.94
<b>7</b>		72.84	6.71
<b>8</b>		85.78	8.76
<b>9</b>		65.21	6.42
<b>10</b>		81.44	8.02