

**Table 1** Leaf lengths (mm) from five fully developed leaves of the 1<sup>st</sup> seedling of *Amaranthus tricolor* with BSFF 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		22.74	30.32	40.44	53.93	71.91	79.17	86.43	99.16
2		24.28	32.38	43.18	57.58	76.78	84.04	91.30	100.55
3		22.48	29.98	39.98	53.31	71.09	78.35	85.60	97.01
4		20.92	27.90	37.20	49.61	66.16	73.41	80.67	94.37
5		20.58	27.44	36.60	48.80	65.08	72.34	79.60	93.67

**Table 2** Leaf lengths (mm) from five fully developed leaves of the 2<sup>nd</sup> seedling of *Amaranthus tricolor* with BSFF 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		20.79	27.72	36.97	49.30	65.75	73.00	80.26	95.52
2		21.51	28.68	38.25	51.01	68.02	75.28	82.54	93.21
3		20.59	27.46	36.62	48.83	65.11	72.37	79.63	89.93
4		18.82	25.10	33.47	44.63	59.52	67.87	74.03	89.65
5		19.48	25.98	34.64	46.20	61.60	68.86	76.12	87.02

**Table 3** Leaf lengths (mm) from five fully developed leaves of the 3<sup>rd</sup> seedling of *Amaranthus tricolor* with BSFF 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		21.09	28.12	37.50	50.01	66.70	73.95	81.21	94.47
2		21.16	28.22	37.63	50.18	66.92	74.17	81.43	92.32
3		19.97	26.63	35.51	47.36	63.15	70.41	77.67	88.75
4		18.51	24.68	32.92	43.90	58.54	65.79	73.05	87.82
5		19.19	25.59	34.13	45.51	60.69	67.94	75.20	85.11

**Table 4** Leaf lengths (mm) from five fully developed leaves of the 4<sup>th</sup> seedling of *Amaranthus tricolor* with BSFF 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		19.63	26.18	34.91	46.55	62.08	69.34	76.59	87.75
2		19.47	25.96	34.62	46.17	61.57	68.83	76.09	85.84
3		18.64	24.86	33.15	44.20	58.95	66.20	73.46	84.78
4		17.48	23.31	31.09	41.45	55.28	62.54	69.79	83.77
5		18.37	24.50	32.67	43.56	58.09	65.35	72.61	78.98

**Table 5** Leaf lengths (mm) from five fully developed leaves of the 5<sup>th</sup> seedling of *Amaranthus tricolor* with BSFF 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		25.19	33.59	44.80	59.74	79.66	86.92	94.17	98.56
2		23.21	30.95	41.27	55.04	73.40	80.66	87.91	96.14
3		21.77	29.03	38.71	51.63	68.85	76.10	83.36	93.27
4		19.75	26.34	35.12	46.84	62.46	69.71	76.97	91.73
5		20.07	26.76	35.69	47.60	63.47	70.73	77.98	92.33

**Table 6** Leaf lengths (mm) from five fully developed leaves of the 6<sup>th</sup> seedling of *Amaranthus tricolor* with BSFF 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		16.76	22.35	29.80	39.75	53.02	60.28	67.53	77.78
2		15.95	21.27	28.36	37.82	50.44	57.70	64.95	80.91
3		16.94	22.59	30.12	40.17	53.57	60.83	68.08	76.18
4		16.65	22.20	29.61	39.48	52.65	59.91	67.17	76.74
5		17.22	22.96	30.62	40.84	54.46	61.71	68.97	75.13

**Table 7** Leaf lengths (mm) from five fully developed leaves of the 7<sup>th</sup> seedling of *Amaranthus tricolor* with BSFF 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		14.45	19.27	25.70	34.27	45.70	54.39	67.73	79.97
2		14.07	18.76	25.02	33.37	44.50	54.12	64.54	79.93
3		15.66	20.88	27.85	37.14	49.52	63.61	74.12	85.18
4		14.74	19.66	26.21	34.96	46.61	54.99	70.33	80.66
5		15.69	20.92	27.90	37.21	49.62	62.86	73.23	89.04

**Table 8** Leaf lengths (mm) from five fully developed leaves of the 8<sup>th</sup> seedling of *Amaranthus tricolor* with BSFF 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		19.36	25.82	34.43	45.91	61.22	68.48	75.74	90.17
2		20.72	27.63	36.85	49.14	65.53	72.78	80.04	87.65
3		18.94	25.26	33.68	44.92	59.90	68.12	74.41	86.27
4		17.71	23.62	31.49	42.00	56.01	63.26	70.52	84.28
5		18.51	24.68	32.92	43.90	58.54	65.79	73.05	80.49

**Table 9** Leaf lengths (mm) from five fully developed leaves of the 9<sup>th</sup> seedling of *Amaranthus tricolor* with BSFF 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		18.73	24.98	33.31	44.42	59.23	66.49	73.75	87.61
2		18.17	24.23	32.31	43.09	57.46	64.72	71.97	84.82
3		18.52	24.70	32.93	43.92	58.57	65.82	73.08	84.24
4		17.42	23.23	30.98	41.31	55.09	62.35	69.60	82.06
5		18.26	24.35	32.47	43.30	57.75	67.73	72.26	78.59

**Table 10** Leaf lengths (mm) from five fully developed leaves of the 10<sup>th</sup> seedling of *Amaranthus tricolor* with BSFF 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		22.78	30.38	40.51	54.02	72.04	79.35	86.55	97.19
2		22.13	29.51	39.35	52.48	69.98	77.24	84.50	94.73
3		21.18	28.24	37.66	50.23	66.98	74.24	81.49	91.61
4		19.23	25.64	34.20	45.60	60.81	68.07	75.33	89.76
5		19.63	26.18	34.91	46.55	62.08	69.34	76.59	88.41