

Table 1 Leaf lengths (mm) from five fully developed leaves of the 1st seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication.

| Seedling | Week | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
|-----------|------|------|-------|-------|-------|-------|-------|-------|-------|
| #1 Rep. 2 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | 8.77 | 11.70 | 15.60 | 20.80 | 27.73 | 31.36 | 34.99 | 41.86 |
| 2 | | 8.47 | 11.29 | 15.05 | 20.07 | 26.77 | 30.40 | 34.03 | 41.28 |
| 3 | | 8.58 | 11.44 | 15.25 | 20.34 | 27.12 | 30.75 | 34.37 | 40.38 |
| 4 | | 8.44 | 11.25 | 15.00 | 20.00 | 26.68 | 30.30 | 33.93 | 39.83 |
| 5 | | 8.95 | 11.93 | 15.91 | 21.21 | 28.29 | 31.92 | 35.54 | 38.56 |

Table 2 Leaf lengths (mm) from five fully developed leaves of the 2nd seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication.

| Seedling | Week | (mm) |
|-----------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| #2 Rep. 2 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | 11.19 | 14.92 | 19.89 | 26.52 | 35.37 | 39.00 | 42.63 | 48.76 |
| 2 | | 11.14 | 14.85 | 19.80 | 26.41 | 35.21 | 38.84 | 42.47 | 47.53 |
| 3 | | 10.68 | 14.24 | 18.99 | 25.33 | 33.77 | 37.40 | 41.03 | 45.87 |
| 4 | | 9.66 | 12.88 | 17.17 | 22.90 | 30.53 | 34.16 | 37.79 | 45.01 |
| 5 | | 9.91 | 13.21 | 17.61 | 23.49 | 31.32 | 34.95 | 38.58 | 45.18 |

Table 3 Leaf lengths (mm) from five fully developed leaves of the 3rd seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication.

| Seedling | Week | (mm) |
|-----------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| #3 Rep. 2 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | 10.55 | 14.06 | 18.75 | 25.01 | 33.35 | 36.98 | 40.60 | 47.24 |
| 2 | | 10.58 | 14.11 | 18.81 | 25.09 | 33.46 | 37.09 | 40.72 | 46.16 |
| 3 | | 9.99 | 13.32 | 17.76 | 23.68 | 31.58 | 35.21 | 38.83 | 44.38 |
| 4 | | 9.26 | 12.34 | 16.46 | 21.95 | 29.27 | 32.90 | 36.52 | 43.91 |
| 5 | | 9.60 | 12.80 | 17.06 | 22.75 | 30.34 | 33.97 | 37.60 | 42.56 |

Table 4 Leaf lengths (mm) from five fully developed leaves of the 4th seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication.

| Seedling | Week | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
|-----------|------|------|-------|-------|-------|-------|-------|-------|-------|
| #4 Rep. 2 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | 7.79 | 10.38 | 13.84 | 18.46 | 24.62 | 28.25 | 31.88 | 36.61 |
| 2 | | 7.35 | 9.79 | 13.06 | 17.42 | 23.23 | 26.86 | 30.48 | 35.68 |
| 3 | | 7.95 | 10.59 | 14.13 | 18.84 | 25.13 | 28.75 | 32.38 | 39.10 |
| 4 | | 7.68 | 10.24 | 13.66 | 18.21 | 24.29 | 27.92 | 31.54 | 38.26 |
| 5 | | 8.23 | 10.98 | 14.64 | 19.52 | 26.03 | 29.66 | 33.28 | 41.66 |

Table 5 Leaf lengths (mm) from five fully developed leaves of the 5th seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication.

| Seedling | Week | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
|-----------|------|------|-------|-------|-------|-------|-------|-------|-------|
| #5 Rep. 2 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | 8.72 | 11.62 | 15.50 | 20.67 | 27.56 | 31.19 | 34.82 | 42.36 |
| 2 | | 8.55 | 11.40 | 15.20 | 20.26 | 27.02 | 30.65 | 34.28 | 41.41 |
| 3 | | 8.63 | 11.50 | 15.34 | 20.45 | 27.28 | 30.90 | 34.53 | 40.44 |
| 4 | | 8.45 | 11.26 | 15.02 | 20.03 | 26.71 | 30.34 | 33.96 | 40.36 |
| 5 | | 8.97 | 11.96 | 15.94 | 21.26 | 28.35 | 31.98 | 35.61 | 38.84 |

Table 6 Leaf lengths (mm) from five fully developed leaves of the 6th seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication.

| Seedling | Week | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
|-----------|------|------|-------|-------|-------|-------|-------|-------|-------|
| #6 Rep. 2 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | 7.99 | 10.65 | 14.21 | 18.95 | 25.27 | 28.90 | 32.52 | 36.85 |
| 2 | | 7.67 | 10.22 | 13.63 | 18.18 | 24.24 | 27.87 | 31.50 | 38.18 |
| 3 | | 8.09 | 10.79 | 14.39 | 19.19 | 25.58 | 29.21 | 32.84 | 35.81 |
| 4 | | 7.82 | 10.42 | 13.90 | 18.53 | 24.71 | 28.34 | 31.97 | 35.26 |
| 5 | | 8.37 | 11.16 | 14.88 | 19.85 | 26.47 | 30.10 | 33.73 | 40.44 |

Table 7 Leaf lengths (mm) from five fully developed leaves of the 7th seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication.

| Seedling | Week | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
|-----------|------|------|-------|-------|-------|-------|-------|-------|-------|
| #7 Rep. 2 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | 9.49 | 12.66 | 16.88 | 22.51 | 30.01 | 33.64 | 37.27 | 45.26 |
| 2 | | 9.81 | 13.08 | 17.45 | 23.26 | 31.02 | 34.65 | 38.28 | 43.11 |
| 3 | | 9.32 | 12.43 | 16.57 | 22.10 | 29.47 | 33.10 | 36.73 | 42.99 |
| 4 | | 8.76 | 11.68 | 15.58 | 20.77 | 27.70 | 31.33 | 34.96 | 42.03 |
| 5 | | 9.22 | 12.30 | 16.40 | 21.86 | 29.16 | 32.79 | 36.41 | 40.07 |

Table 8 Leaf lengths (mm) from five fully developed leaves of the 8th seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication.

| Seedling | Week | (mm) |
|-----------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| #8 Rep. 2 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | 9.89 | 13.19 | 17.59 | 23.45 | 31.28 | 34.90 | 38.53 | 46.56 |
| 2 | | 10.49 | 13.98 | 18.65 | 24.86 | 33.16 | 36.79 | 40.41 | 44.94 |
| 3 | | 9.79 | 13.05 | 17.40 | 23.20 | 30.94 | 34.57 | 38.20 | 43.91 |
| 4 | | 9.12 | 12.16 | 16.22 | 21.63 | 28.84 | 32.47 | 36.10 | 43.22 |
| 5 | | 9.41 | 12.54 | 16.73 | 22.30 | 29.74 | 33.37 | 37.00 | 41.36 |

Table 9 Leaf lengths (mm) from five fully developed leaves of the 9th seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication.

| Seedling | Week | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
|-----------|------|------|-------|-------|-------|-------|-------|-------|-------|
| #9 Rep. 2 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | 8.65 | 11.53 | 15.37 | 20.50 | 27.34 | 30.97 | 34.60 | 40.49 |
| 2 | | 8.22 | 10.96 | 14.61 | 19.48 | 25.98 | 29.61 | 33.24 | 41.22 |
| 3 | | 8.57 | 11.42 | 15.23 | 20.31 | 27.09 | 30.71 | 34.34 | 40.31 |
| 4 | | 8.41 | 11.22 | 14.96 | 19.94 | 26.60 | 30.22 | 33.85 | 39.57 |
| 5 | | 8.91 | 11.88 | 15.84 | 21.13 | 28.18 | 31.81 | 35.43 | 38.46 |

Table 10 Leaf lengths (mm) from five fully developed leaves of the 10th seedling of *Amaranthus tricolor* of Control Treatment/No Fertilizer during the duration of experimentations; eight weeks (\pm 56 days). Rep.: Replication.

| Seedling | Week | (mm) |
|------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| #10 Rep. 2 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | 9.94 | 13.26 | 17.68 | 23.57 | 31.43 | 35.06 | 38.69 | 46.54 |
| 2 | | 10.44 | 13.92 | 18.56 | 24.75 | 33.00 | 36.63 | 40.26 | 44.22 |
| 3 | | 9.53 | 12.71 | 16.95 | 22.60 | 30.14 | 33.77 | 37.39 | 43.59 |
| 4 | | 8.89 | 11.86 | 15.81 | 21.08 | 28.11 | 31.74 | 35.37 | 42.83 |
| 5 | | 9.34 | 12.45 | 16.60 | 22.14 | 29.52 | 33.15 | 36.78 | 40.46 |