**Table 1** Leaf widths (mm) from five fully developed leaves of the  $1^{st}$  seedling of *Amaranthus tricolor* with NPK15:15:15 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. 2 | vv eek | 1    | 2     | 3     | 4     | 5     | 6     | 7     | 8     |
| 1         |        | 7.74 | 10.32 | 13.76 | 18.35 | 24.47 | 32.64 | 43.52 | 57.82 |
| 2         |        | 7.80 | 10.40 | 13.87 | 18.49 | 24.66 | 32.88 | 43.85 | 58.15 |
| 3         |        | 7.26 | 9.69  | 12.92 | 17.23 | 22.97 | 30.63 | 40.85 | 55.15 |
| 4         |        | 7.17 | 9.56  | 12.75 | 17.01 | 22.68 | 30.25 | 40.33 | 54.64 |
| 5         |        | 7.37 | 9.83  | 13.11 | 17.48 | 23.31 | 31.09 | 41.46 | 55.76 |
|           |        |      |       |       |       |       |       |       |       |

**Table 2** Leaf widths (mm) from five fully developed leaves of the  $2^{nd}$  seedling of *Amaranthus tricolor* with NPK15:15:15 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. 2 | Week | 1    | 2    | 3     | 4     | 5     | 6     | 7     | 8     |
| 1         |      | 7.48 | 9.98 | 13.30 | 17.74 | 23.66 | 31.55 | 42.07 | 56.37 |
| 2         |      | 7.28 | 9.71 | 12.95 | 17.27 | 23.02 | 30.70 | 40.94 | 55.25 |
| 3         |      | 7.18 | 9.58 | 12.77 | 17.03 | 22.71 | 30.28 | 40.38 | 54.69 |
| 4         |      | 7.02 | 9.36 | 12.49 | 16.65 | 22.21 | 29.61 | 39.49 | 53.80 |
| 5         |      | 7.21 | 9.62 | 12.83 | 17.11 | 22.81 | 30.42 | 40.57 | 54.87 |
|           |      |      |      |       |       |       |       |       |       |

**Table 3** Leaf widths (mm) from five fully developed leaves of the  $3^{rd}$  seedling of *Amaranthus tricolor* with NPK15:15:15 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. 2 | week | 1    | 2     | 3     | 4     | 5     | 6     | 7     | 8     |
| 1         |      | 7.92 | 10.56 | 14.09 | 18.79 | 25.05 | 33.41 | 44.55 | 58.85 |
| 2         |      | 8.12 | 10.83 | 14.44 | 19.26 | 25.68 | 34.25 | 45.68 | 59.98 |
| 3         |      | 7.41 | 9.88  | 13.17 | 17.56 | 23.42 | 31.23 | 41.65 | 55.95 |
| 4         |      | 7.38 | 9.84  | 13.12 | 17.50 | 23.34 | 31.12 | 41.51 | 55.81 |
| 5         |      | 7.46 | 9.95  | 13.27 | 17.70 | 23.60 | 31.48 | 41.97 | 56.28 |
|           |      |      |       |       |       |       |       |       |       |

**Table 4** Leaf widths (mm) from five fully developed leaves of the 4<sup>th</sup> seedling of *Amaranthus tricolor* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks (± 56 days). Rep.: Replication.

| Seedling  | Week | (mm) | (mm) | (mm)  | (mm)  | (mm)  | (mm)  | (mm)  | (mm)  |
|-----------|------|------|------|-------|-------|-------|-------|-------|-------|
| #4 Rep. 2 | WEEK | 1    | 2    | 3     | 4     | 5     | 6     | 7     | 8     |
| 1         |      | 5.96 | 7.95 | 10.61 | 14.14 | 18.86 | 25.15 | 33.54 | 47.85 |
| 2         |      | 6.41 | 8.54 | 11.39 | 15.19 | 20.26 | 27.01 | 36.02 | 50.33 |
| 3         |      | 5.57 | 7.43 | 9.91  | 13.22 | 17.62 | 23.50 | 31.34 | 45.64 |
| 4         |      | 5.88 | 7.84 | 10.46 | 13.95 | 18.60 | 24.80 | 33.07 | 47.38 |
| 5         |      | 6.02 | 8.03 | 10.71 | 14.28 | 19.05 | 25.40 | 33.87 | 48.17 |
|           |      |      |      |       |       |       |       |       |       |

**Table 5** Leaf widths (mm) from five fully developed leaves of the  $5^{th}$  seedling of *Amaranthus tricolor* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

| Seedling  | Wash | (mm) | (mm)  | (mm)  | (mm)  | (mm)  | (mm)  | (mm)  | (mm)  |
|-----------|------|------|-------|-------|-------|-------|-------|-------|-------|
| #5 Rep. 2 | Week | 1    | 2     | 3     | 4     | 5     | 6     | 7     | 8     |
| 1         |      | 8.59 | 11.35 | 15.63 | 19.82 | 26.18 | 34.60 | 45.72 | 60.02 |
| 2         |      | 8.31 | 11.03 | 14.63 | 19.41 | 25.75 | 34.16 | 45.33 | 59.63 |
| 3         |      | 7.96 | 10.66 | 14.30 | 19.16 | 25.69 | 34.44 | 46.16 | 60.47 |
| 4         |      | 7.95 | 10.58 | 14.09 | 18.76 | 24.98 | 33.26 | 44.28 | 58.58 |
| 5         |      | 7.97 | 10.58 | 14.05 | 18.68 | 24.78 | 32.90 | 43.68 | 57.98 |
|           |      |      |       |       |       |       |       |       |       |

**Table 6** Leaf widths (mm) from five fully developed leaves of the  $6^{th}$  seedling of *Amaranthus tricolor* with NPK15:15:15 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. 2 | WEEK | 1    | 2    | 3     | 4     | 5     | 6     | 7     | 8     |
| 1         |      | 6.71 | 8.94 | 11.92 | 15.90 | 21.21 | 28.28 | 37.71 | 52.02 |
| 2         |      | 7.15 | 9.53 | 12.71 | 16.95 | 22.60 | 30.14 | 40.19 | 54.50 |
| 3         |      | 6.74 | 8.99 | 11.98 | 15.98 | 21.31 | 28.42 | 37.90 | 52.20 |
| 4         |      | 6.54 | 8.72 | 11.63 | 15.51 | 20.68 | 27.58 | 36.77 | 51.08 |
| 5         |      | 6.72 | 8.96 | 11.95 | 15.94 | 21.26 | 28.35 | 37.80 | 52.11 |
|           |      |      |      |       |       |       |       |       |       |

**Table 7** Leaf widths (mm) from five fully developed leaves of the  $7^{th}$  seedling of *Amaranthus tricolor* with NPK15:15:15 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. 2 |      | 1    | 2    | 3     | 4     | 5     | 6     | 7     | 8     |
| 1         |      | 6.05 | 8.06 | 10.75 | 14.34 | 19.13 | 25.50 | 34.01 | 48.31 |
| 2         |      | 6.59 | 8.79 | 11.72 | 15.63 | 20.84 | 27.79 | 37.06 | 51.36 |
| 3         |      | 5.93 | 7.91 | 10.55 | 14.07 | 18.76 | 25.01 | 33.35 | 47.66 |
| 4         |      | 5.96 | 7.95 | 10.61 | 14.14 | 18.86 | 25.15 | 33.54 | 47.85 |
| 5         |      | 6.28 | 8.38 | 11.17 | 14.89 | 19.86 | 26.49 | 35.32 | 49.63 |
|           |      |      |      |       |       |       |       |       |       |

**Table 8** Leaf widths (mm) from five fully developed leaves of the  $8^{th}$  seedling of *Amaranthus tricolor* with NPK15:15:15 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. 2 | week | 1    | 2    | 3     | 4     | 5     | 6     | 7     | 8     |
| 1         |      | 5.12 | 6.83 | 9.11  | 12.15 | 16.20 | 21.60 | 28.81 | 43.11 |
| 2         |      | 5.71 | 7.61 | 10.15 | 13.53 | 18.04 | 24.06 | 32.09 | 46.39 |
| 3         |      | 4.88 | 6.51 | 8.68  | 11.58 | 15.44 | 20.59 | 27.45 | 41.76 |
| 4         |      | 5.16 | 6.88 | 9.17  | 12.23 | 16.31 | 21.75 | 29.00 | 43.30 |
| 5         |      | 5.11 | 6.82 | 9.10  | 12.13 | 16.17 | 21.57 | 28.76 | 43.07 |
|           |      |      |      |       |       |       |       |       |       |

**Table 9** Leaf widths (mm) from five fully developed leaves of the  $9^{th}$  seedling of *Amaranthus tricolor* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

| Seedling  | West | (mm) | (mm)  | (mm)  | (mm)  | (mm)  | (mm)  | (mm)  | (mm)  |
|-----------|------|------|-------|-------|-------|-------|-------|-------|-------|
| #9 Rep. 2 | Week | 1    | 2     | 3     | 4     | 5     | 6     | 7     | 8     |
| 1         |      | 8.18 | 10.97 | 14.55 | 19.40 | 25.87 | 34.50 | 46.00 | 60.31 |
| 2         |      | 8.17 | 10.90 | 14.53 | 19.38 | 25.84 | 34.46 | 45.96 | 60.26 |
| 3         |      | 7.85 | 10.46 | 13.95 | 18.61 | 24.82 | 33.09 | 44.13 | 58.43 |
| 4         |      | 7.56 | 10.75 | 13.44 | 17.92 | 23.89 | 31.86 | 42.49 | 56.79 |
| 5         |      | 7.79 | 10.39 | 13.85 | 18.47 | 24.63 | 32.85 | 43.80 | 58.11 |
|           |      |      |       |       |       |       |       |       |       |

**Table 10** Leaf widths (mm) from five fully developed leaves of the  $10^{th}$  seedling of *Amaranthus tricolor* with NPK15:15:15 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. 2 |      | 1    | 2    | 3     | 4     | 5     | 6     | 7     | 8     |
| 1         |      | 5.82 | 7.76 | 10.35 | 13.81 | 18.41 | 24.56 | 32.75 | 47.05 |
| 2         |      | 6.28 | 8.38 | 11.17 | 14.89 | 19.86 | 26.49 | 35.32 | 49.63 |
| 3         |      | 5.45 | 7.26 | 9.69  | 12.92 | 17.23 | 22.97 | 30.64 | 44.94 |
| 4         |      | 5.54 | 7.39 | 9.85  | 13.14 | 17.52 | 23.36 | 31.15 | 45.46 |
| 5         |      | 6.01 | 8.01 | 10.68 | 14.24 | 18.99 | 25.33 | 33.78 | 48.08 |
|           |      |      |      |       |       |       |       |       |       |