Table 1 Leaf widths (mm) from five fully developed leaves of the $1^{\text {st }}$ seedling of Amaranthus tricolor with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm 56$ days). Rep.: Replication.

| Seedling | Week | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \#1 Rep. $\mathbf{1}$ |  | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ |  |
| $\mathbf{1}$ |  | 7.06 | 9.48 | 12.72 | 17.06 | 22.88 | 30.70 | 41.17 | 51.73 |
| $\mathbf{2}$ |  | 7.35 | 10.03 | 13.68 | 18.67 | 25.47 | 34.76 | 47.42 | 57.87 |
| $\mathbf{3}$ |  | 6.76 | 9.24 | 12.63 | 17.26 | 23.58 | 32.23 | 44.06 | 53.58 |
| $\mathbf{4}$ |  | 6.41 | 8.56 | 11.43 | 15.26 | 20.38 | 27.22 | 36.36 | 46.93 |
| $\mathbf{5}$ |  | 6.54 | 8.68 | 11.51 | 15.26 | 20.24 | 26.85 | 35.65 | 46.21 |
|  |  |  |  |  |  |  |  |  |  |

Table 2 Leaf widths ( mm ) from five fully developed leaves of the $2^{\text {nd }}$ seedling of Amaranthus tricolor with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm 56$ days). Rep.: Replication.

| Seedling | Week | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \#2 Rep. |  | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ |  |
| $\mathbf{1}$ |  | 7.14 | 9.56 | 12.83 | 17.12 | 22.91 | 30.66 | 41.04 | 51.60 |
| $\mathbf{2}$ | 7.40 | 10.13 | 13.85 | 18.93 | 25.89 | 35.40 | 48.40 | 58.82 |  |
| $\mathbf{3}$ |  | 6.84 | 9.36 | 12.80 | 17.50 | 23.95 | 32.71 | 44.73 | 54.36 |
| $\mathbf{4}$ |  | 6.63 | 8.88 | 11.91 | 15.96 | 21.39 | 28.69 | 38.41 | 48.97 |
| $\mathbf{5}$ |  | 6.57 | 8.76 | 11.67 | 15.56 | 20.75 | 27.66 | 36.88 | 47.44 |
|  |  |  |  |  |  |  |  |  |  |

Table 3 Leaf widths (mm) from five fully developed leaves of the $3^{\text {rd }}$ seedling of Amaranthus tricolor with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm 56$ days). Rep.: Replication.

| Seedling <br> \#3 Rep. 1 | Week | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ |  |
| $\mathbf{2}$ | 6.81 | 9.15 | 12.15 | 16.23 | 21.68 | 28.95 | 38.66 | 49.22 |  |
| $\mathbf{3}$ |  | 7.00 | 9.55 | 13.07 | 17.80 | 24.33 | 33.16 | 45.25 | 55.18 |
| $\mathbf{4}$ | 6.48 | 8.53 | 11.24 | 14.81 | 19.51 | 25.70 | 33.86 | 44.42 |  |
| $\mathbf{5}$ |  | 6.19 | 8.31 | 11.17 | 14.92 | 20.01 | 26.83 | 35.97 | 46.53 |
|  |  | 6.26 | 8.31 | 11.04 | 14.67 | 19.48 | 25.87 | 34.35 | 44.91 |

Table 4 Leaf widths (mm) from five fully developed leaves of the $4^{\text {th }}$ seedling of Amaranthus tricolor with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm 56$ days). Rep.: Replication.

| Seedling |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \#4 Rep. $\mathbf{1}$ | Week | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ |
| $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ |  |
| $\mathbf{2}$ | 6.71 | 8.95 | 11.94 | 15.91 | 21.24 | 28.30 | 37.73 | 48.30 |  |
| $\mathbf{3}$ |  | 6.96 | 9.50 | 12.95 | 17.67 | 24.10 | 32.87 | 44.84 | 54.75 |
| $\mathbf{4}$ |  | 6.45 | 8.51 | 11.21 | 14.79 | 19.49 | 25.70 | 33.94 | 44.50 |
| $\mathbf{5}$ |  | 6.11 | 8.19 | 10.99 | 14.73 | 19.76 | 26.50 | 35.58 | 46.14 |
|  | 6.23 | 8.26 | 10.95 | 14.53 | 19.26 | 25.54 | 33.87 | 44.43 |  |

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

| Seedling <br> \#5 Rep. $\mathbf{1}$ | Week | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ |  |
| $\mathbf{2}$ | 6.92 | 9.33 | 12.57 | 16.93 | 22.80 | 30.71 | 41.37 | 51.93 |  |
| $\mathbf{3}$ | 7.04 | 9.33 | 12.30 | 16.23 | 21.40 | 28.28 | 37.23 | 47.79 |  |
| $\mathbf{4}$ |  | 6.68 | 8.80 | 11.59 | 15.28 | 20.13 | 26.52 | 34.94 | 45.50 |
| $\mathbf{5}$ |  | 6.28 | 8.42 | 11.28 | 15.12 | 20.26 | 27.15 | 36.39 | 46.95 |
|  | 6.53 | 8.65 | 11.46 | 15.20 | 20.14 | 26.70 | 35.39 | 45.95 |  |

Table 6 Leaf widths (mm) from five fully developed leaves of the $6^{\text {th }}$ seedling of Amaranthus tricolor with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm 56$ days). Rep.: Replication.

| Seedling | Week | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \#6 Rep. $\mathbf{1}$ |  | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ |  |
| $\mathbf{1}$ | 7.45 | 10.07 | 13.63 | 18.44 | 24.94 | 33.73 | 45.66 | 56.22 |  |
| $\mathbf{2}$ | 7.88 | 10.40 | 13.71 | 18.12 | 23.84 | 31.44 | 41.46 | 52.03 |  |
| $\mathbf{3}$ |  | 7.45 | 10.19 | 13.93 | 19.05 | 26.05 | 35.63 | 48.73 | 59.19 |
| $\mathbf{4}$ |  | 7.16 | 9.58 | 12.81 | 17.12 | 22.89 | 30.60 | 40.91 | 51.47 |
| $\mathbf{5}$ |  | 7.31 | 9.69 | 12.85 | 17.05 | 22.58 | 29.93 | 39.68 | 50.24 |

Table 7 Leaf widths (mm) from five fully developed leaves of the $7^{\text {th }}$ seedling of Amaranthus tricolor with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm 56$ days). Rep.: Replication.

| Seedling | Week | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \#7 Rep. $\mathbf{1}$ |  | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ |  |
| $\mathbf{1}$ |  | 9.48 | 12.62 | 16.82 | 22.34 | 29.72 | 39.59 | 52.61 | 67.03 |
| $\mathbf{2}$ |  | 8.25 | 11.06 | 14.83 | 19.88 | 26.66 | 35.74 | 47.92 | 58.48 |
| $\mathbf{3}$ |  | 7.73 | 10.24 | 13.56 | 17.95 | 23.77 | 31.48 | 41.69 | 52.25 |
| $\mathbf{4}$ |  | 7.58 | 10.21 | 13.77 | 18.56 | 25.02 | 33.73 | 45.47 | 56.03 |
| $\mathbf{5}$ |  | 7.43 | 9.75 | 12.81 | 16.78 | 22.05 | 28.89 | 37.90 | 48.46 |
|  |  |  |  |  |  |  |  |  |  |

Table 8 Leaf widths ( mm ) from five fully developed leaves of the $8^{\text {th }}$ seedling of Amaranthus tricolor with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm 56$ days). Rep.: Replication.

| Seedling | Week | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \#8 Rep. $\mathbf{1}$ |  | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ |  |
| $\mathbf{1}$ | 7.39 | 9.86 | 13.16 | 17.55 | 23.41 | 31.23 | 41.66 | 62.61 |  |
| $\mathbf{2}$ | 7.68 | 10.43 | 14.18 | 19.28 | 26.25 | 35.61 | 48.41 | 59.50 |  |
| $\mathbf{3}$ |  | 7.41 | 10.07 | 13.67 | 18.62 | 25.23 | 34.27 | 46.55 | 57.28 |
| $\mathbf{4}$ |  | 7.12 | 9.51 | 12.70 | 16.95 | 22.64 | 30.23 | 40.36 | 60.57 |
| $\mathbf{5}$ |  | 7.04 | 9.29 | 12.26 | 16.18 | 21.35 | 28.18 | 37.18 | 56.84 |
|  |  |  |  |  |  |  |  |  |  |

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

| Seedling <br> \#9 Rep. 1 | Week | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{1}$ |  | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ |
| $\mathbf{2}$ |  | 6.86 | 9.18 | 12.28 | 16.43 | 21.98 | 29.40 | 39.33 | 49.90 |
| $\mathbf{3}$ |  | 6.02 | 9.62 | 13.17 | 18.04 | 24.71 | 33.85 | 46.36 | 56.16 |
| $\mathbf{4}$ |  | 6.22 | 8.64 | 11.48 | 15.14 | 20.03 | 26.50 | 35.07 | 45.63 |
| $\mathbf{5}$ |  | 6.35 | 8.45 | 11.21 | 15.04 | 20.18 | 27.09 | 36.38 | 46.94 |
|  |  |  |  |  | 14.81 | 19.61 | 25.97 | 34.39 | 44.95 |

Table 10 Leaf widths ( mm ) from five fully developed leaves of the $10^{\text {th }}$ seedling of Amaranthus tricolor with CHCF fertilizer treatment during the duration of experimentations; eight weeks ( $\pm 56$ days). Rep.: Replication.

| Seedling\# | Week | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ | $(\mathbf{m m})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{1 0}$ Rep. $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ |  |
| $\mathbf{1}$ | 7.24 | 9.67 | 12.90 | 17.21 | 22.96 | 30.64 | 40.89 | 51.45 |  |
| $\mathbf{2}$ | 7.44 | 10.18 | 13.94 | 19.08 | 26.12 | 35.77 | 48.97 | 59.36 |  |
| $\mathbf{3}$ |  | 7.31 | 9.93 | 13.51 | 18.37 | 24.98 | 33.96 | 46.18 | 56.72 |
| $\mathbf{4}$ |  | 6.78 | 9.15 | 12.35 | 16.70 | 22.49 | 30.35 | 40.95 | 51.51 |
| $\mathbf{5}$ |  | 6.75 | 8.97 | 11.92 | 15.83 | 21.04 | 27.95 | 37.13 | 47.69 |
|  |  |  |  |  |  |  |  |  |  |

