

**Table 1.** Leaf widths (mm) from five fully developed leaves of the 1<sup>st</sup> seedling of *Amaranthus dubius* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

| Seedling<br>#1 Rep. 2 | Week | (mm)<br>1 | (mm)<br>2 | (mm)<br>3 | (mm)<br>4 | (mm)<br>5 | (mm)<br>6 | (mm)<br>7 | (mm)<br>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<sup>nd</sup> seedling of *Amaranthus dubius* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

| Seedling<br>#2 Rep. 2 | Week | (mm)<br>1 | (mm)<br>2 | (mm)<br>3 | (mm)<br>4 | (mm)<br>5 | (mm)<br>6 | (mm)<br>7 | (mm)<br>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<sup>rd</sup> seedling of *Amaranthus dubius* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

| Seedling<br>#3 Rep. 2 | Week | (mm)<br>1 | (mm)<br>2 | (mm)<br>3 | (mm)<br>4 | (mm)<br>5 | (mm)<br>6 | (mm)<br>7 | (mm)<br>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 dubius* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

| Seedling<br>#4 Rep. 2 | Week | (mm)<br>1 | (mm)<br>2 | (mm)<br>3 | (mm)<br>4 | (mm)<br>5 | (mm)<br>6 | (mm)<br>7 | (mm)<br>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<sup>th</sup> seedling of *Amaranthus dubius* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

| Seedling<br>#5 Rep. 2 | Week | (mm)<br>1 | (mm)<br>2 | (mm)<br>3 | (mm)<br>4 | (mm)<br>5 | (mm)<br>6 | (mm)<br>7 | (mm)<br>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<sup>th</sup> seedling of *Amaranthus dubius* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

| Seedling<br>#6 Rep. 2 | Week | (mm)<br>1 | (mm)<br>2 | (mm)<br>3 | (mm)<br>4 | (mm)<br>5 | (mm)<br>6 | (mm)<br>7 | (mm)<br>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<sup>th</sup> seedling of *Amaranthus dubius* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

| Seedling<br>#7 Rep. 2 | Week | (mm)<br>1 | (mm)<br>2 | (mm)<br>3 | (mm)<br>4 | (mm)<br>5 | (mm)<br>6 | (mm)<br>7 | (mm)<br>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<sup>th</sup> seedling of *Amaranthus dubius* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

| Seedling<br>#8 Rep. 2 | Week | (mm)<br>1 | (mm)<br>2 | (mm)<br>3 | (mm)<br>4 | (mm)<br>5 | (mm)<br>6 | (mm)<br>7 | (mm)<br>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<sup>th</sup> seedling of *Amaranthus dubius* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

| Seedling<br>#9 Rep. 2 | Week | (mm)<br>1 | (mm)<br>2 | (mm)<br>3 | (mm)<br>4 | (mm)<br>5 | (mm)<br>6 | (mm)<br>7 | (mm)<br>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<sup>th</sup> seedling of *Amaranthus dubius* with NPK15:15:15 fertilizer treatment during the duration of experimentations; eight weeks ( $\pm$  56 days). Rep.: Replication.

| Seedling<br>#10 Rep. 2 | Week | (mm)<br>1 | (mm)<br>2 | (mm)<br>3 | (mm)<br>4 | (mm)<br>5 | (mm)<br>6 | (mm)<br>7 | (mm)<br>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     |