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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| B | Trt 1 | Trt 2 | Trt 3 | Trt 4 | Trt 2 | Trt 1 | Trt 4 | Trt 3 | Trt 2 | Trt 3  | Trt 4 | Trt 1 | Trt 4 | Trt 2 | Trt 1 | Trt 3 | B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Treatment list:

Trt 1 Pioneer 100 day corn variety P0035AM (ave. planting population 33,446 plants/A);

Trt 2 Pioneer 103 day corn variety P0306Q (ave. planting population 33,007 plants/A);

Trt 3 Pioneer 107 day corn variety P0720AM (ave. planting population 32,779 plants/A);

Trt 4 Viking (organic corn) 0.45-97UP (ave. planting population 34,273 plants/A).

B = Border Rows.

Average starter fertilizer applied at planting time in the study area was 16.3 gals/A.