Wheat Seeding Rate Trial

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Objective

To assess the performance of various wheat seeding rates.

Background

Crop Year: 1997  Soil Test:  pH 6.5; P 174; K 496
Cooperator: Dennis Baker  Fertilizer Applied:  100# 18-46-0 & 100# 0-0-0 10/2/96
County/Town: Darke/ Greenville  75# 46-0-0 topdress
Drainage: Subsurface  Herbicide: None
Major Soil Type: Brookston/Miami  Variety: Shurgro 1550
Previous Crop: Soybean  Planting Date: October 16, 1996
Tillage: None  Harvest Date: July 17, 1997

Materials and Methods

Wheat plots were planted at four seeding rates and replicated three times. Individual plots were 60 ft. wide and 550 ft. long.

Results

<table>
<thead>
<tr>
<th>Seeding Rate (lbs./A)</th>
<th>Yield (bu/A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>85.6</td>
</tr>
<tr>
<td>75</td>
<td>86.7</td>
</tr>
<tr>
<td>100</td>
<td>86.9</td>
</tr>
<tr>
<td>125</td>
<td>86.1</td>
</tr>
</tbody>
</table>

Summary and Notes

There were no significant differences among the treatment averages at the 0.05 (LSD 7.52 bu/A) and the 0.20 (LSD 4.42 bu/A) levels of probability. Coefficient of variation equaled 16.4%.

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