Winter Wheat Seed Treatment

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Objective

Compare the effects of Vitavax and Dividend seed treatments for winter wheat yield, test weight and protein.

Location: Waverly, WA
Annual precipitation: 19 inches
Rotation: 94 - lentils

Treatments

Vitavax - applied at recommended rate to seed.
Dividend - applied at recommended rate to seed.

Comments

Winter wheat was seeded on set-aside on September 20; emergence was uneven but not poor enough to consider reseeding. Significant rainfall was not received until the end of October.

Data

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Rep 1</th>
<th>Rep 2</th>
<th>Rep 3</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vitavax</td>
<td>70.2</td>
<td>59.1</td>
<td>64.4</td>
<td>64.6a</td>
</tr>
<tr>
<td>Dividend</td>
<td>75.5</td>
<td>83.8</td>
<td>70.5</td>
<td>76.6b</td>
</tr>
<tr>
<td>LSD (20%)</td>
<td></td>
<td></td>
<td></td>
<td>11.0%</td>
</tr>
<tr>
<td>CV</td>
<td></td>
<td></td>
<td></td>
<td>14.5 bu</td>
</tr>
</tbody>
</table>

Conclusions

Although the Dividend treatment yielded more, there was no statistical difference until the 20% level of confidence. Dividend test weight and protein content also averaged slightly higher than Vitavax but there was no statistical difference, even at the 20% level.