## 2000 Strip Plots

**ISU Grain Quality Laboratory**

**Results: Jefferson County Soybean Test Plot**

Varieties are listed in order from highest to lowest yield.

<table>
<thead>
<tr>
<th>Company</th>
<th>Variety</th>
<th>Yield (Bu./A.)</th>
<th>Field Moisture ( % )</th>
<th>Protein ( % )</th>
<th>Oil ( % )</th>
<th>Fiber ( % )</th>
<th>Sum (P+O) ( % )</th>
<th>EPVB ($ / Bu.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garst</td>
<td>D 370</td>
<td>43.5</td>
<td>10.7</td>
<td>34.9</td>
<td>19.7</td>
<td>4.9</td>
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<td>18.6</td>
<td>4.6</td>
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</table>

### Averages

- **Yield:** 40.0 Bu./A.
- **Field Moisture:** 11.0%
- **Protein:** 36.0%
- **Oil:** 19.1%
- **Fiber:** 4.9%
- **Sum (P+O):** 55.1%
- **EPVB:** 4.72

### Standard Deviation

- **Yield:** 2.1 Bu./A.
- **Field Moisture:** 0.4%
- **Protein:** 0.7%
- **Oil:** 0.5%
- **Fiber:** 0.1%
- **Sum (P+O):** 0.5%
- **EPVB:** 0.05

### Maximum

- **Yield:** 43.5 Bu./A.
- **Field Moisture:** 12.1%
- **Protein:** 37.2%
- **Oil:** 20.2%
- **Fiber:** 5.2%
- **Sum (P+O):** 56.0%
- **EPVB:** 4.82

### Minimum

- **Yield:** 36.1 Bu./A.
- **Field Moisture:** 10.7%
- **Protein:** 34.9%
- **Oil:** 18.5%
- **Fiber:** 4.6%
- **Sum (P+O):** 54.0%
- **EPVB:** 4.61

**Ingredient Prices for EPVB**

- Soybeans ($ / bu.): 4.07
- 48% Soy Meal ($ / ton): 147.5
- Soy Oil ($ / lb.): 0.14
- Millfeed ($ / lb.): 0.02

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1. Reported moisture content data were provided by the participating plot operator.
2. EPVB is the Estimated Processed Value per Bushel to be used for Feed. It is determined by soybean protein and oil content and the current market price for oil, meal, and hulls.
3. Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results.

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