### 2000 Strip Plots
**ISU Grain Quality Laboratory**

**Results: Linn County Conventional Soybean Plot**

Varieties are listed in order from highest to lowest yield.

<table>
<thead>
<tr>
<th>Company</th>
<th>Variety</th>
<th>Yield $^{1}$ (Bu. / A.)</th>
<th>Field Moisture $^{2}$ (%)</th>
<th>Protein (%)</th>
<th>Oil (%)</th>
<th>Fiber (%)</th>
<th>Sum (P+O) (%)</th>
<th>EPVB $^{3}$ ($ / Bu.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Harvest</td>
<td>H-2494</td>
<td>62.3</td>
<td>9.0</td>
<td>37.8</td>
<td>17.7</td>
<td>5.0</td>
<td>53.5</td>
<td>4.79</td>
</tr>
<tr>
<td>Trelay</td>
<td>268</td>
<td>59.9</td>
<td>9.1</td>
<td>37.9</td>
<td>17.9</td>
<td>5.1</td>
<td>55.5</td>
<td>4.82</td>
</tr>
<tr>
<td>Prairie Brand</td>
<td>PB282</td>
<td>59.6</td>
<td>9.0</td>
<td>38.8</td>
<td>16.4</td>
<td>5.2</td>
<td>55.8</td>
<td>4.78</td>
</tr>
<tr>
<td>Profiseed</td>
<td>PS2809</td>
<td>58.7</td>
<td>9.0</td>
<td>38.6</td>
<td>17.1</td>
<td>5.0</td>
<td>55.7</td>
<td>4.82</td>
</tr>
<tr>
<td>Hobart Brothers</td>
<td>2690</td>
<td>58.3</td>
<td>8.9</td>
<td>38.2</td>
<td>17.0</td>
<td>5.2</td>
<td>55.2</td>
<td>4.77</td>
</tr>
<tr>
<td>Agripro</td>
<td>2669</td>
<td>57.7</td>
<td>9.0</td>
<td>37.7</td>
<td>17.9</td>
<td>4.9</td>
<td>55.6</td>
<td>4.80</td>
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<tr>
<td>Henkel</td>
<td>SS6241</td>
<td>56.8</td>
<td>9.1</td>
<td>39.2</td>
<td>17.2</td>
<td>5.0</td>
<td>56.4</td>
<td>4.89</td>
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<td>Pioneer Hi-Bred</td>
<td>92B74</td>
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<td>8.9</td>
<td>36.2</td>
<td>18.2</td>
<td>5.1</td>
<td>54.4</td>
<td>4.67</td>
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<td>Mycogen</td>
<td>S261</td>
<td>56.6</td>
<td>8.9</td>
<td>37.0</td>
<td>18.0</td>
<td>5.0</td>
<td>55.0</td>
<td>4.73</td>
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<tr>
<td>Novartis</td>
<td>S24L2</td>
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<td>9.2</td>
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<td>17.3</td>
<td>5.0</td>
<td>54.8</td>
<td>4.73</td>
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<tr>
<td>Marks</td>
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<td>55.9</td>
<td>8.9</td>
<td>38.2</td>
<td>17.7</td>
<td>5.1</td>
<td>55.9</td>
<td>4.83</td>
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<tr>
<td>New Horizon FS</td>
<td>FS2861</td>
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<td>9.1</td>
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<td>17.5</td>
<td>4.9</td>
<td>56.0</td>
<td>4.85</td>
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<tr>
<td>Midwest Genetics</td>
<td>G2733STS</td>
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<td>9.3</td>
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<td>17.2</td>
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<td>56.3</td>
<td>4.88</td>
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<td>Scott’s Quality Seed</td>
<td>Beretta</td>
<td>54.1</td>
<td>9.1</td>
<td>37.8</td>
<td>17.6</td>
<td>5.0</td>
<td>55.4</td>
<td>4.78</td>
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<td>Dairyland</td>
<td>DSR275</td>
<td>44.6</td>
<td>9.3</td>
<td>38.5</td>
<td>18.7</td>
<td>5.2</td>
<td>55.2</td>
<td>4.78</td>
</tr>
</tbody>
</table>

**Long Term Iowa Averages:**

<table>
<thead>
<tr>
<th>Yield</th>
<th>Field Moisture</th>
<th>Protein</th>
<th>Oil</th>
<th>Fiber</th>
<th>Sum (P+O)</th>
<th>EPVB $^{3}$</th>
</tr>
</thead>
<tbody>
<tr>
<td>56.5</td>
<td>9.1</td>
<td>38.1</td>
<td>17.4</td>
<td>5.0</td>
<td>55.5</td>
<td>4.79</td>
</tr>
</tbody>
</table>

**Standard Deviation $^{4}$**

| | | | | | | | |
| | | | | | | | |

**Maximum $^{4}$**

| | | | | | | |
| | | | | | | |

**Minimum $^{4}$**

| | | | | | | |
| | | | | | | |

- **Yield**: is check-adjusted in plots with check strips.
- **Field Moisture**: reported moisture content data were provided by the participating plot operator.
- **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.
- **Averages, Standard Deviation, Maximum, and Minimum values** were calculated from plot final results, not including check strips (where applicable).

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**Ingredient Prices for EPVB**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Price ($ / Bu.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybeans</td>
<td>4.07</td>
</tr>
<tr>
<td>48% Soy Meal</td>
<td>147.5</td>
</tr>
<tr>
<td>Soy Oil</td>
<td>0.14</td>
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<tr>
<td>Millfeed</td>
<td>0.02</td>
</tr>
</tbody>
</table>

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