## 2003 Strip Plots

ISU Grain Quality Initiative

### Results: Cass County Corn Strip Plot

Hybrids are listed in order from highest to lowest yield.

<table>
<thead>
<tr>
<th>Company</th>
<th>Hybrid</th>
<th>Yield (Bu. / A.)</th>
<th>Value¹ ($ / A.)</th>
<th>Test Wt.² (lb. / Bu.)</th>
<th>Field Moisture² (%)</th>
<th>Protein (%)</th>
<th>Oil (%)</th>
<th>Starch (%)</th>
<th>Density (g. / cc)</th>
<th>EPVBF³ ($ / Bu.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dekalb</td>
<td>DKC58-78</td>
<td>151.3</td>
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<td>52.4</td>
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<td>1.22</td>
<td>$2.02</td>
</tr>
</tbody>
</table>

|                | Averages¹      | 132.4            | $281.19         | 54.6                   | 13.4                | 8.6         | 3.6     | 60.7       | 1.26             | $2.13           |
|                | Standard Deviation² | 10.4          | $23.00         | 1.8                   | 0.7                 | 0.5         | 0.3     | 0.5        | 0.02             | $0.05           |
|                | Maximum³       | 151.3            | $325.56         | 58.9                   | 14.8                | 9.3         | 4.5     | 61.8       | 1.29             | $2.20           |
|                | Minimum³       | 117.9            | $248.36         | 50.5                   | 12.4                | 7.1         | 3.0     | 59.9       | 1.22             | $2.02           |

### Ingredient Prices for EPVBF

- **Corn ($ / bu.):** $2.08
- **White Grease ($ / lb.):** $0.19
- **DDG ($ / ton):** $95
- **48% Soy Meal ($ / ton):** $205

### Notes

1. Value is determined by the current price for corn ($2.08) and a drying charge.
2. Field moisture content and test weight data were provided by the participating plot operator.
3. EPVBF is the Estimated Processed Value per Bushel to be used for Feed. It is determined by grain quality and the current market price for feed ingredients.
4. **Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results.**

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