## 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(^1) (Bu. / A.)</th>
<th>Value(^2) ($ / A.)</th>
<th>Test Wt.(^3) (lb. / Bu.)</th>
<th>Field Moisture(^3) (%)</th>
<th>Protein (%)</th>
<th>Oil (%)</th>
<th>Starch (%)</th>
<th>Density (g. / cc)</th>
<th>EPVBF(^4) ($ / Bu.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Harvest</td>
<td>H9164Bt</td>
<td>174.8</td>
<td>$423.92</td>
<td>55.7</td>
<td>17.7</td>
<td>7.5</td>
<td>3.9</td>
<td>60.1</td>
<td>1.25</td>
<td>$2.49</td>
</tr>
<tr>
<td>Pfister</td>
<td>2680Bt</td>
<td>167.8</td>
<td>$408.40</td>
<td>58.1</td>
<td>17.4</td>
<td>7.7</td>
<td>4.0</td>
<td>59.5</td>
<td>1.28</td>
<td>$2.51</td>
</tr>
<tr>
<td>Pioneer</td>
<td>34B24</td>
<td>167.1</td>
<td>$403.07</td>
<td>59.8</td>
<td>18.2</td>
<td>8.0</td>
<td>3.3</td>
<td>59.8</td>
<td>1.28</td>
<td>$2.48</td>
</tr>
<tr>
<td>Midwest Genetics</td>
<td>G8066B</td>
<td>164.3</td>
<td>$398.05</td>
<td>56.7</td>
<td>17.8</td>
<td>7.0</td>
<td>3.7</td>
<td>60.4</td>
<td>1.28</td>
<td>$2.44</td>
</tr>
<tr>
<td>Novartis</td>
<td>9961</td>
<td>161.3</td>
<td>$395.29</td>
<td>58.7</td>
<td>17.8</td>
<td>7.4</td>
<td>3.9</td>
<td>59.8</td>
<td>1.28</td>
<td>$2.48</td>
</tr>
<tr>
<td>US Seeds</td>
<td>C1141</td>
<td>161.9</td>
<td>$400.67</td>
<td>58.2</td>
<td>15.9</td>
<td>7.1</td>
<td>3.6</td>
<td>60.4</td>
<td>1.28</td>
<td>$2.44</td>
</tr>
</tbody>
</table>

### Long Term Iowa Averages:

- Yield: 8.0
- Value: 3.6
- Test Wt.: 60.0
- EPVBF: 1.27

### Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).

### Value is Gross Revenue per Acre Minus 2.75 Cents/Bu./Pt. for Drying.

### Density is a Measure of Kernel Hardness.

1. Yield is check-adjusted in plots with check strips.
2. Value is determined by the current price for corn ($2.50) and a drying charge.
3. Field moisture content and test weight data were provided by the participating plot operator.
4. 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.
5. Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).

### Check Variety Information: (average values for check strips)

<table>
<thead>
<tr>
<th>Company</th>
<th>Hybrid</th>
<th>Yield(^1) (Bu. / A.)</th>
<th>Value(^2) ($ / A.)</th>
<th>Test Wt.(^3) (lb. / Bu.)</th>
<th>Field Moisture(^3) (%)</th>
<th>Protein (%)</th>
<th>Oil (%)</th>
<th>Starch (%)</th>
<th>Density (g. / cc)</th>
<th>EPVBF(^4) ($ / Bu.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pioneer</td>
<td>33B51</td>
<td>140.0</td>
<td>$336.25</td>
<td>57.4</td>
<td>18.6</td>
<td>7.7</td>
<td>3.6</td>
<td>60.3</td>
<td>1.28</td>
<td>$2.48</td>
</tr>
<tr>
<td>Wyffels</td>
<td>W8210</td>
<td>139.9</td>
<td>$345.99</td>
<td>55.3</td>
<td>16.0</td>
<td>8.4</td>
<td>3.8</td>
<td>59.1</td>
<td>1.29</td>
<td>$2.54</td>
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<td>Wyffels</td>
<td>7180</td>
<td>138.9</td>
<td>$346.16</td>
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<td>15.3</td>
<td>8.6</td>
<td>3.9</td>
<td>59.2</td>
<td>1.27</td>
<td>$2.56</td>
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<td>Wilson</td>
<td>1563</td>
<td>137.6</td>
<td>$340.47</td>
<td>51.7</td>
<td>15.9</td>
<td>8.4</td>
<td>4.2</td>
<td>59.4</td>
<td>1.27</td>
<td>$2.55</td>
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<tr>
<td>Kiger</td>
<td>9115A</td>
<td>136.5</td>
<td>$329.93</td>
<td>52.8</td>
<td>18.2</td>
<td>7.8</td>
<td>4.0</td>
<td>59.4</td>
<td>1.27</td>
<td>$2.52</td>
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<td>Curry</td>
<td>4815</td>
<td>135.5</td>
<td>$330.60</td>
<td>54.6</td>
<td>17.2</td>
<td>8.0</td>
<td>4.0</td>
<td>59.3</td>
<td>1.27</td>
<td>$2.53</td>
</tr>
<tr>
<td>Garst</td>
<td>8484</td>
<td>133.4</td>
<td>$317.77</td>
<td>55.1</td>
<td>19.3</td>
<td>8.3</td>
<td>4.0</td>
<td>58.9</td>
<td>1.26</td>
<td>$2.55</td>
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<tr>
<td>Midwest Genetics</td>
<td>G8122</td>
<td>131.5</td>
<td>$318.73</td>
<td>56.7</td>
<td>17.8</td>
<td>7.4</td>
<td>3.6</td>
<td>60.2</td>
<td>1.27</td>
<td>$2.46</td>
</tr>
<tr>
<td>Kruger</td>
<td>9012Bt</td>
<td>113.5</td>
<td>$266.28</td>
<td>52.5</td>
<td>20.9</td>
<td>8.8</td>
<td>4.2</td>
<td>58.3</td>
<td>1.28</td>
<td>$2.60</td>
</tr>
</tbody>
</table>

### Check Variety Information:

- Averages:
  - Yield: 150.5
  - Value: $365.86
  - Test Wt.: 56.3
  - Field Moisture: 17.5
  - Protein: 7.8
  - Oil: 3.8
  - Starch: 59.6
  - Density: 1.27
  - EPVBF: $2.50

- Standard Deviation:
  - Yield: 13.2
  - Value: $33.20
  - Test Wt.: 2.5
  - Field Moisture: 1.2
  - Protein: 0.5
  - Oil: 0.2
  - Starch: 0.6
  - Density: 0.01
  - EPVBF: $0.04

- Maximum:
  - Yield: 174.8
  - Value: $423.92
  - Test Wt.: 60.8
  - Field Moisture: 20.9
  - Protein: 8.8
  - Oil: 4.2
  - Starch: 60.4
  - Density: 1.29
  - EPVBF: $2.60

- Minimum:
  - Yield: 113.5
  - Value: $266.28
  - Test Wt.: 51.7
  - Field Moisture: 15.3
  - Protein: 7.0
  - Oil: 3.3
  - Starch: 58.3
  - Density: 1.25
  - EPVBF: $2.43

### Ingredient Prices for EPVBF

- Corn ($ / bu.): 2.50
- White Grease ($ / lb.): 0.13
- DDG ($ / ton): 100
- 48% Soy Meal ($ / ton): 185