## Results: Cherokee 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>Pioneer</td>
<td>34N44</td>
<td>204.2</td>
<td>$469.59</td>
<td>57.1</td>
<td>22.3</td>
<td>7.6</td>
<td>3.4</td>
<td>59.5</td>
<td>1.24</td>
<td>$2.46</td>
</tr>
<tr>
<td>Golden Harvest</td>
<td>H8554Bt</td>
<td>201.2</td>
<td>$458.79</td>
<td>56.5</td>
<td>23.0</td>
<td>7.4</td>
<td>3.6</td>
<td>59.1</td>
<td>1.24</td>
<td>$2.46</td>
</tr>
<tr>
<td>Pioneer</td>
<td>34M95</td>
<td>201.0</td>
<td>$460.94</td>
<td>56.9</td>
<td>22.5</td>
<td>8.6</td>
<td>3.7</td>
<td>58.2</td>
<td>1.23</td>
<td>$2.55</td>
</tr>
<tr>
<td>ProPartner</td>
<td>LAC237</td>
<td>198.6</td>
<td>$450.67</td>
<td>53.8</td>
<td>23.4</td>
<td>7.9</td>
<td>4.0</td>
<td>58.3</td>
<td>1.21</td>
<td>$2.52</td>
</tr>
<tr>
<td>Novartis</td>
<td>5B-D1</td>
<td>198.3</td>
<td>$455.97</td>
<td>56.7</td>
<td>22.3</td>
<td>7.9</td>
<td>3.2</td>
<td>59.0</td>
<td>1.23</td>
<td>$2.46</td>
</tr>
<tr>
<td>ProPartner</td>
<td>5210Bt</td>
<td>197.1</td>
<td>$454.80</td>
<td>55.6</td>
<td>22.0</td>
<td>8.7</td>
<td>4.0</td>
<td>58.4</td>
<td>1.21</td>
<td>$2.58</td>
</tr>
<tr>
<td>Mark</td>
<td>3108</td>
<td>195.4</td>
<td>$443.83</td>
<td>53.8</td>
<td>23.3</td>
<td>7.7</td>
<td>3.9</td>
<td>59.0</td>
<td>1.21</td>
<td>$2.50</td>
</tr>
<tr>
<td>Novartis</td>
<td>67-T14</td>
<td>194.5</td>
<td>$434.34</td>
<td>55.5</td>
<td>24.7</td>
<td>7.7</td>
<td>4.0</td>
<td>58.5</td>
<td>1.24</td>
<td>$2.51</td>
</tr>
<tr>
<td>Pioneer</td>
<td>35Y55</td>
<td>194.2</td>
<td>$451.35</td>
<td>54.2</td>
<td>21.4</td>
<td>8.4</td>
<td>3.8</td>
<td>58.7</td>
<td>1.24</td>
<td>$2.54</td>
</tr>
<tr>
<td>Novartis</td>
<td>85-Y3</td>
<td>192.2</td>
<td>$430.78</td>
<td>56.1</td>
<td>24.4</td>
<td>8.5</td>
<td>3.2</td>
<td>58.1</td>
<td>1.22</td>
<td>$2.50</td>
</tr>
<tr>
<td>Mark</td>
<td>Ex105</td>
<td>192.1</td>
<td>$452.18</td>
<td>56.9</td>
<td>20.3</td>
<td>7.5</td>
<td>3.6</td>
<td>59.3</td>
<td>1.26</td>
<td>$2.47</td>
</tr>
<tr>
<td>Golden Harvest</td>
<td>H8223Bt</td>
<td>190.9</td>
<td>$450.54</td>
<td>55.0</td>
<td>20.1</td>
<td>8.5</td>
<td>3.8</td>
<td>58.6</td>
<td>1.24</td>
<td>$2.55</td>
</tr>
<tr>
<td>ProPartner</td>
<td>77112Bt</td>
<td>190.6</td>
<td>$414.34</td>
<td>55.4</td>
<td>19.8</td>
<td>8.8</td>
<td>3.9</td>
<td>59.9</td>
<td>1.26</td>
<td>$2.47</td>
</tr>
<tr>
<td>Pioneer</td>
<td>36N71</td>
<td>190.0</td>
<td>$453.63</td>
<td>57.1</td>
<td>19.1</td>
<td>9.0</td>
<td>3.1</td>
<td>59.2</td>
<td>1.25</td>
<td>$2.53</td>
</tr>
<tr>
<td>Novartis</td>
<td>46-56</td>
<td>188.9</td>
<td>$456.56</td>
<td>56.3</td>
<td>18.0</td>
<td>7.9</td>
<td>3.7</td>
<td>59.8</td>
<td>1.24</td>
<td>$2.50</td>
</tr>
<tr>
<td>Mark</td>
<td>1110</td>
<td>186.0</td>
<td>$412.76</td>
<td>54.7</td>
<td>25.2</td>
<td>8.2</td>
<td>3.7</td>
<td>58.0</td>
<td>1.24</td>
<td>$2.52</td>
</tr>
<tr>
<td>Kruger</td>
<td>9203</td>
<td>184.1</td>
<td>$441.07</td>
<td>55.5</td>
<td>18.8</td>
<td>8.1</td>
<td>4.0</td>
<td>59.7</td>
<td>1.24</td>
<td>$2.54</td>
</tr>
<tr>
<td>Mycogen</td>
<td>P320</td>
<td>183.7</td>
<td>$428.49</td>
<td>56.4</td>
<td>21.1</td>
<td>8.7</td>
<td>3.8</td>
<td>58.6</td>
<td>1.25</td>
<td>$2.58</td>
</tr>
<tr>
<td>ProPartner</td>
<td>9210LL</td>
<td>182.5</td>
<td>$432.64</td>
<td>59.4</td>
<td>19.7</td>
<td>7.8</td>
<td>4.1</td>
<td>58.6</td>
<td>1.29</td>
<td>$2.52</td>
</tr>
<tr>
<td>ProPartner</td>
<td>5902+</td>
<td>182.3</td>
<td>$438.24</td>
<td>58.4</td>
<td>18.5</td>
<td>7.7</td>
<td>3.5</td>
<td>59.8</td>
<td>1.26</td>
<td>$2.50</td>
</tr>
<tr>
<td>Fontanelle</td>
<td>HC76B3Bt</td>
<td>182.2</td>
<td>$430.49</td>
<td>53.8</td>
<td>20.0</td>
<td>7.9</td>
<td>3.1</td>
<td>59.9</td>
<td>1.26</td>
<td>$2.46</td>
</tr>
<tr>
<td>Kruger</td>
<td>9204-1</td>
<td>181.2</td>
<td>$427.53</td>
<td>57.6</td>
<td>20.1</td>
<td>7.6</td>
<td>3.5</td>
<td>59.6</td>
<td>1.25</td>
<td>$2.47</td>
</tr>
<tr>
<td>Fontanelle</td>
<td>F4741</td>
<td>179.3</td>
<td>$421.58</td>
<td>55.0</td>
<td>20.4</td>
<td>8.9</td>
<td>3.7</td>
<td>58.1</td>
<td>1.25</td>
<td>$2.57</td>
</tr>
<tr>
<td>Mark</td>
<td>109</td>
<td>177.5</td>
<td>$407.72</td>
<td>56.3</td>
<td>22.4</td>
<td>8.6</td>
<td>4.1</td>
<td>57.5</td>
<td>1.25</td>
<td>$2.58</td>
</tr>
<tr>
<td>Stine</td>
<td>9617</td>
<td>177.3</td>
<td>$394.53</td>
<td>55.9</td>
<td>25.0</td>
<td>8.1</td>
<td>3.8</td>
<td>57.7</td>
<td>1.25</td>
<td>$2.52</td>
</tr>
<tr>
<td>Kruger</td>
<td>9108</td>
<td>177.2</td>
<td>$402.39</td>
<td>54.4</td>
<td>22.7</td>
<td>7.9</td>
<td>3.5</td>
<td>58.8</td>
<td>1.25</td>
<td>$2.49</td>
</tr>
<tr>
<td>ProPartner</td>
<td>7212Bt</td>
<td>176.9</td>
<td>$392.96</td>
<td>56.1</td>
<td>27.2</td>
<td>7.7</td>
<td>3.9</td>
<td>59.1</td>
<td>1.23</td>
<td>$2.50</td>
</tr>
<tr>
<td>Fontanelle</td>
<td>4741</td>
<td>176.4</td>
<td>$414.92</td>
<td>55.2</td>
<td>20.4</td>
<td>9.1</td>
<td>3.8</td>
<td>57.8</td>
<td>1.24</td>
<td>$2.59</td>
</tr>
<tr>
<td>ProPartner</td>
<td>5203LL</td>
<td>172.8</td>
<td>$414.36</td>
<td>58.7</td>
<td>18.7</td>
<td>9.8</td>
<td>3.4</td>
<td>57.8</td>
<td>1.28</td>
<td>$2.61</td>
</tr>
<tr>
<td>Kruger</td>
<td>9807</td>
<td>170.3</td>
<td>$397.65</td>
<td>56.5</td>
<td>21.0</td>
<td>8.5</td>
<td>3.9</td>
<td>58.1</td>
<td>1.26</td>
<td>$2.56</td>
</tr>
<tr>
<td>ProPartner</td>
<td>5205</td>
<td>158.8</td>
<td>$374.81</td>
<td>55.8</td>
<td>20.1</td>
<td>7.9</td>
<td>3.9</td>
<td>58.9</td>
<td>1.25</td>
<td>$2.52</td>
</tr>
</tbody>
</table>

YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT AND DENSITY BASIS 15% MOISTURE. VALUE IS GROSS REVENUE PER ACRE MINUS 2.75 CENTS/BU/PT. FOR DRYING. DENSITY IS A MEASURE OF KERNEL HARDNESS.

1 Value determined by the current price for corn ($2.50) 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.

---

### Ingredient Prices for EPVBF

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

---

Copyright © 1996-2002, Iowa Grain Quality Initiative, Iowa State University, Ames, Iowa. All rights reserved.