## Results: Adair County Corn & Soybean Association Roundup Ready Corn Plot

Hybrids are listed in order from highest to lowest yield.

### Company Hybrid | Yield (Bu./A.) | Value ($/A.) | Test Wt. (lb./Bu.) | Field Moisture (%) | Protein (%) | Oil (%) | Starch (%) | Density (g./cc) | EPVBF ($/Bu.)
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
MRK RR00 Bt 112 | 226.5 | $376.14 | 58.0 | 20.8 | 6.7 | 3.2 | 60.8 | 1.29 | $1.70
Wyffels W7637 | 225.6 | $386.41 | 57.5 | 18.9 | 6.6 | 3.3 | 61.2 | 1.29 | $1.70
Wilson 8127 RB | 223.2 | $370.08 | 58.5 | 20.9 | 7.2 | 4.0 | 60.8 | 1.27 | $1.80
Dekalb DKC61-45 | 221.4 | $371.90 | 58.3 | 20.1 | 7.7 | 3.4 | 60.1 | 1.30 | $1.78
Garst 8352 | 221.0 | $371.18 | 58.3 | 20.1 | 7.2 | 3.4 | 60.3 | 1.29 | $1.75
Golden Harvest 9250 | 218.5 | $364.71 | 57.9 | 20.5 | 6.7 | 3.5 | 60.5 | 1.30 | $1.72
Wilson 7806 RB | 216.4 | $374.75 | 57.8 | 18.2 | 6.8 | 3.6 | 60.4 | 1.28 | $1.76

### 4-Star

- MRK RR00 Bt 112 | 226.5 | $376.14 | 58.0 | 20.8 | 6.7 | 3.2 | 60.8 | 1.29 | $1.70
- Wyffels W7637 | 225.6 | $386.41 | 57.5 | 18.9 | 6.6 | 3.3 | 61.2 | 1.29 | $1.70
- Wilson 8127 RB | 223.2 | $370.08 | 58.5 | 20.9 | 7.2 | 4.0 | 60.8 | 1.27 | $1.80
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- Golden Harvest 9250 | 218.5 | $364.71 | 57.9 | 20.5 | 6.7 | 3.5 | 60.5 | 1.30 | $1.72
- Wilson 7806 RB | 216.4 | $374.75 | 57.8 | 18.2 | 6.8 | 3.6 | 60.4 | 1.28 | $1.76

### Averages

**Long Term Iowa Averages:**

- **Yield**: 205.7 (Bu./A.)
- **Value**: 350.21 ($/A.)
- **Test Wt.**: 57.8 (lb./Bu.)
- **Field Moisture**: 18.7 (%)
- **Protein**: 6.0 (%)
- **Oil**: 3.8 (%)
- **Starch**: 60.9 (%)
- **Density**: 1.29 (g./cc)
- **EPVBF**: 1.77 ($/Bu.)

### Standard Deviation

- **Averages**: 12.7
- **Minimum**: 178.0

### Maximum

- **Averages**: 226.5
- **Minimum**: 178.0

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### Check Variety Information:

#### Average values for check strips

<table>
<thead>
<tr>
<th>Company</th>
<th>Hybrid</th>
<th>Yield (Bu./A.)</th>
<th>Value ($/A.)</th>
<th>Test Wt. (lb./Bu.)</th>
<th>Field Moisture (%)</th>
<th>Protein (%)</th>
<th>Oil (%)</th>
<th>Starch (%)</th>
<th>Density (g./cc)</th>
<th>EPVBF ($/Bu.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Harvest</td>
<td>9250</td>
<td>220.5</td>
<td>$373.59</td>
<td>57.9</td>
<td>19.6</td>
<td>6.7</td>
<td>3.5</td>
<td>60.9</td>
<td>1.29</td>
<td>$1.72</td>
</tr>
</tbody>
</table>

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### Ingredient Prices for EPVBF

- **Corn ($/bu.)**: 1.82
- **White Grease ($/lb.)**: 0.155
- **DDG ($/ton)**: 100
- **48% Soy Meal ($/ton)**: 160

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**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.**

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1. Yield is check-adjusted in plots with check strips.
2. Value is determined by the current price for corn ($1.82) 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).

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