Years: 2012
Title: Fertility
Crop: Corn
OFRN Operator: Ron & Ray Makovicka
Objective: Study effect of starter application on corn production and profitability.
Treatments: 10-34-0+Zn vs "Super Starter" (9-20-0 +S +Zn + "Pixie Dust")
OFRN Operator: Ron & Ray Makovicka
Information: 2012 Corn Starter Fertilizer

Hybrid: Pioneer 33D49
Planted: 4/24/12
Soil: Hastings Silt Loam
"Super Starter" 9-20-0 + 45S + Zn + "Pixie Dust"

- Brawl II ATZ @ 2.1qt
- Durango @ 22 oz
- 24 D @ 6 oz
- Impact @ 0.5 oz
- Durango @ 22 oz
- NH3 @ 213 lbs
- 11-52-0 @ 100 lbs
- Stratego YLD @ 2oz
- Quilt Xcel

- Hero
- Capture
- Lorsban
- Liquid 32% @ 18 lbs

Note: Same rate (4.2 gal/ac) was applied across treatments.
**OFRN Operator:** Ron & Ray Makovicka  
**Results: 2012**  
**Corn Starter Fertilizer**

<table>
<thead>
<tr>
<th>Treatment</th>
<th>10-34-0+Zn</th>
<th>SuperStarter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yield, bu/ac @15.5%</td>
<td>228.4</td>
<td>224.9</td>
</tr>
<tr>
<td>Cost/Acre</td>
<td>$16.54</td>
<td>$13.50</td>
</tr>
<tr>
<td>Prob&gt;T/</td>
<td>0.3097 ns</td>
<td>A</td>
</tr>
<tr>
<td>Moisture, %</td>
<td>12.9</td>
<td>13.0</td>
</tr>
<tr>
<td>Prob&gt;T/</td>
<td>0.2371 ns</td>
<td>A</td>
</tr>
<tr>
<td>Harvest Population</td>
<td>31.6</td>
<td>31.0</td>
</tr>
<tr>
<td>Prob&gt;T/</td>
<td>0.1030 ns</td>
<td>A</td>
</tr>
</tbody>
</table>

**Summary:** There was no significant difference in yield between 10-34-0 + zinc vs SuperStarter in 2012.