Overview:
The Farm
- 3rd Generation Family Farm
- 3300 acres of row crops and vegetables all under center pivot
- What we grow:
  - Forage Corn, Seed Corn
  - Seed Soy, Non-gmo soy
  - Snap Beans, Sweet Corn
  - Kidney Beans
  - Pumpkins
  - Fresh Produce
- Sandy Soil! Soil is 1-3% OM.
- 25% of Acres are Organic or in Transition
- Tech, Research, Growth Focused!

Best Farming Practices
- Conservation Tillage & Cultivation
- Cover Cropping
- IPM Program
- Research Focused
  - Biologicals, Variety trials, Roller Crimping, Reducing conventional chemical use, etc
- Partnerships
- Soil/Water Probes
- Soil Health Focus and conservation application
  - EC Mapping
  - VRT, VRI and VR-fertigation
  - NDVI
  - Zone Sampling

Not a lot of no-till BUT.....
- 4 years of roller crimp experience
- No-till planting in winter killed cover
- Strip-tilling experience into covers
- Vernalized Rye Covers
- Interseeding
Roller Crimp Rye with Soy in Organic System

Planted 5/08 – Crimped 6/10

Interseeding – Non-vernalized rye

Yield Results this year

<table>
<thead>
<tr>
<th>Rye Spread</th>
<th>Irrigated Yield (bu/ac)</th>
<th>Non-irrigated Yield (bu/ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 days before</td>
<td>14.87</td>
<td>16.81</td>
</tr>
<tr>
<td>3 days before</td>
<td>47.61</td>
<td>25.24</td>
</tr>
<tr>
<td>No Rye</td>
<td>50.99</td>
<td>38.74</td>
</tr>
<tr>
<td>Roller Crimp Soy on Corn</td>
<td>48.59</td>
<td>N/A</td>
</tr>
<tr>
<td>Roller Crimp Soy on Soy</td>
<td>23.21</td>
<td>N/A</td>
</tr>
</tbody>
</table>