# Grain Sorghum Trial Report

**Crop:** Grain Sorghum  
**Producer:** Luke Hollis  
**Location:** Piggott  
**GPS:**  
**Soil Type:** Falaya silt loam  
**Row Width:** 38  
**Previous Crop:** Soybeans  
**Planting Date:** 4/25/2015  
**Planting Rate:** 70,000  
**Harvest Date:** 9/03/2015  
**Irrigation:** Non irrigated

## Pesticide Rate per Acre and Product

<table>
<thead>
<tr>
<th>Time</th>
<th>Product and Rate</th>
<th>Fertilizer (N-P-K-S-Zn)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early</td>
<td>S-metolachlor 1.3 pts/acre + atrazine 1 lb/acre</td>
<td>110-70-60</td>
</tr>
<tr>
<td>Boot</td>
<td>Priaxor 4.25 oz/acre</td>
<td></td>
</tr>
</tbody>
</table>

## Fertilizer (N-P-K-S-Zn)

- **N:** 4%  
- **P:** 7%  
- **K:** 6%  
- **S:** 0.3%  
- **Zn:** 0.03%

## Hybrid and Treatment Yields

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Treatment</th>
<th>Adjusted Yield (Bushels/Acre)</th>
<th>% Moisture at Harvest</th>
<th>Test Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEKALB 5400</td>
<td>Untreated</td>
<td>120.05</td>
<td>12.8</td>
<td>60</td>
</tr>
<tr>
<td>DEKALB 5400</td>
<td>Priaxor 4.25 oz/acre</td>
<td>125.75</td>
<td>14.6</td>
<td>60</td>
</tr>
<tr>
<td>DEKALB 5400</td>
<td>Untreated</td>
<td>126.24</td>
<td>13.0</td>
<td>60</td>
</tr>
<tr>
<td>DEKALB 5400</td>
<td>Priaxor 4.25 oz/acre</td>
<td>125.05</td>
<td>14.6</td>
<td>58</td>
</tr>
</tbody>
</table>

*Yield adjusted to 14% moisture*

### Notes:
The untreated average yield was 123.14 bu/acre, treated average yield 125.38 bu/acre. Difference was 2.24 bu/acre.