2011 Alabama On-Farm Corn Hybrid Program  
Irrigated Roundup® Test  
Test Location: Geneva County  
Farmer Cooperators: Walton Birdsong  
Regional Extension Agent: Brandon A. Dillard  
Extension Grain Specialist: Dr. Brenda Ortiz  
Alabama Cooperative Extension System  

Planted: April 30, 2011  Harvested: August 30, 2011  
Tillage: Strip-till  Plant Population: 36,000/ac  
Previous Crop: Peanut  Soil Type: Dothan sandy loam

Corn hybrids were provided by participating seed companies based upon their top two choices for the Southeast region of Alabama. Each hybrid was planted with 36 in. row spacing; row lengths measured ~1200 ft. The test had two replications. Chicken litter was applied pre-plant. Nitrogen applications included a pop-up application at planting of 15 units N/ac and a side-dressed application of 150 units N/ac. The test was heavily irrigated. Hybrids are listed in the table below in alphabetical order by company according to advertised maturity (from 114 day to 125 day). Producers are encouraged to consider several sources of information when making hybrid selections.

Table 1. Geneva County, AL on-farm corn hybrid test results.

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Technology Traits‡</th>
<th>Seed Treatment‡</th>
<th>Advertised Maturity days</th>
<th>Harvest Moisture %</th>
<th>Yield¶ lbs bu⁻¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>DeKalb DKC64-69</td>
<td>GENVT3P</td>
<td>Pon 250</td>
<td>114</td>
<td>12.6</td>
<td>225.7</td>
</tr>
<tr>
<td>DeKalb DKC66-96</td>
<td>GENVT3P</td>
<td>Pon 250</td>
<td>116</td>
<td>12.7</td>
<td>226.0</td>
</tr>
<tr>
<td>CropLan 8505VT3P</td>
<td>GENVT3P</td>
<td>Cru 250</td>
<td>117</td>
<td>12.1</td>
<td>194.4</td>
</tr>
<tr>
<td>Dyna-Gro D57GT60</td>
<td>GT</td>
<td>Pon 250</td>
<td>117</td>
<td>12.1</td>
<td>188.5</td>
</tr>
<tr>
<td>Terral REV 26HR50</td>
<td>HX1, RR2</td>
<td>Pon 250</td>
<td>117</td>
<td>12.0</td>
<td>203.2</td>
</tr>
<tr>
<td>Dyna-Gro D58VP30</td>
<td>GENVT3P</td>
<td>Cru 250</td>
<td>118</td>
<td>12.3</td>
<td>179.3</td>
</tr>
<tr>
<td>Pioneer P2023HR</td>
<td>HX1, RR2</td>
<td>Cru 250</td>
<td>120</td>
<td>13.0</td>
<td>219.8</td>
</tr>
<tr>
<td>Pioneer P2088HR</td>
<td>HX1, RR2</td>
<td>Cru 250</td>
<td>120</td>
<td>12.9</td>
<td>195.0</td>
</tr>
<tr>
<td>CropLan 9009HR</td>
<td>HX1, RR2</td>
<td>Cru 250</td>
<td>125</td>
<td>13.4</td>
<td>204.6</td>
</tr>
</tbody>
</table>

† Trait Key: FAW = fall armyworm, CB = corn borer, CW = black cutworm, CEW = corn earworm, CRW = corn rootworm, GT = glyphosate tolerance, LL = Liberty Link®, RR2 = Roundup Ready® 2 Corn; Agrisure 3000GT = Agrisure® 3000GT (CB, CRW, FAW, GT, LL); Agrisure Viptera 3111 = Agrisure® Viptera 3111 (CB, CW, CEW, CRW, FAW, GT, LL); GENVT3P = Genuity™ VT Triple PRO (CB, CEW, CRW, FAW, RR2); HX1 = Herculex® I (CB, FAW, LL).

‡ Cru 250 = CruiserExtreme 250 (thiamethoxam a.i.), Pon 250 = Poncho 250 (clothianidin a.i.), Pon 1250 = Poncho 1250 (clothianidin a.i.).

¶ Yield adjusted to 15.5% moisture and an assumed test weight of 56 lbs bu⁻¹

Appreciation is expressed to Mr. Walton Birdsong, the Wheat and Feed Grain Commission and the participating seed companies for supporting this test.

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