



**2011 Alabama On-Farm Corn Hybrid Program
Irrigated Roundup® Test
Test Location: Henry County
Farmer Cooperators: Thomas Kirkland
Regional Extension Agent: Brandon Dillard
Extension Grain Specialist: Dr. Brenda Ortiz
Alabama Cooperative Extension System**

Planted: March 17, 2011 Harvested: August 29, 2011
Tillage: Para-till Plant Population: 36,000/ac
Previous Crop: Peanut Soil Type: Red bay sandy clay 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 180 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. Henry County, AL on-farm corn hybrid test results.

Hybrid	Technology Traits†	Seed Treatment‡	Advertised Maturity days	Harvest Moisture %	Yield¶ bu ac ⁻¹
DeKalb DKC64-69	GENVT3P	Pon 250	114	12.6	210.5
DeKalb DKC66-96	GENVT3P	Pon 250	116	12.7	198.5
CropLan 8505VT3P	GENVT3P	Cru 250	117	12.1	161.3
Dyna-Gro D57GT60	GT	Pon 250	117	12.1	168.7
Terral REV 26HR50	HX1, RR2	Pon 250	117	12.0	235.0
DeKalb DKC68-05	GENVT3P	Pon 250	118	12.3	195.4
Dyna-Gro D58VP30	GENVT3P	Pon 250	118	12.3	197.7
Pioneer P2023HR	HX1, RR2	Cru 250	120	13.0	214.6
Pioneer P2088HR	HX1, RR2	Cru 250	120	12.9	220.9
Terral REV 28HR20	HX1, RR2	Cru 250	121	12.3	200.2
CropLan 9009HR	HX1, RR2	Cru 250	125	13.4	169.5

† 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 (CB, CRW, FAW, GT, LL); 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. Thomas Kirkland, the Wheat and Feed Grain Commission and the participating seed companies for supporting this test.