



2010-11 Alabama On-Farm Wheat Variety Program
Test Location: Deatsville, Elmore County, AL
 (32° 38' 36.07" N, 86° 21' 35.95" W)
Farmer Cooperators: Mr. Richard Edgar
Regional Extension Agent: Mr. Rudy Yeats
Extension Grain Specialist: Dr. Brenda Ortiz
Alabama Cooperative Extension System

Planted: December 10, 2010 Harvested: June 08, 2011
 Tillage: Conventional Seeding Rate: 120 lbs acre⁻¹
 Previous Crop: Soybean Soil Type: Faceville sandy loam

Wheat varieties were provided by participating seed companies based upon their performance recommendations for Central Alabama. The trial was replicated four times; replications were not randomized. Varieties were planted in adjacent strips measuring 20 ft. in width (i.e. two passes with a 10 ft. grain drill) within replications. Strip lengths varied, ranging from 580 to 205 ft., as the field was irregular in shape. Strips in their entirety were combined and weighed at harvest. Test weight and percent moisture were determined from strip subsamples. Yield, test weight and harvest moisture are presented below as trial averages.

Table 1. Elmore County, AL on-farm wheat variety trial results.

Variety	Advertised Maturity	Test Weight lbs bu ⁻¹	Harvest Moisture %	Yield† bu acre ⁻¹
Coker 9553	Early	60.1	11.5	61.4
Pioneer 26R22	Medium Early	56.7	11.4	73.0
Terral LA841	Medium	55.8	10.8	67.9
Terral TV8861	Medium Late	59.3	11.8	74.4
USG 3120	Medium Early	60.3	11.7	69.4
USG 3251	Medium Late	57.5	11.5	71.6

† Yield calculated by adjusting grain weights to 13.5% moisture and assuming 60 lbs bu⁻¹.

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