



**2010-11 Alabama On-Farm Wheat Variety Program**  
**Test Location: Milstead, Macon County, AL**  
 (32° 26' 57.66" N, 85° 54' 25.04" W)  
**Farmer Cooperators: Mr. Gregory Pate**  
**Extension Grain Specialist: Dr. Brenda Ortiz**  
**Alabama Cooperative Extension System**

Planted: November 5, 2010      Harvested: May 25, 2011  
 Tillage: Conventional      Seeding Rate: 100 lbs acre<sup>-1</sup>  
 Previous Crop: Corn      Soil Type: Toccoa fine sandy loam

Wheat varieties were provided by participating seed companies based upon their performance recommendations for Central Alabama. The trial was replicated three times; replications were not randomized. Varieties were planted in adjacent strips measuring 26 ft. in width (i.e. two passes with a 10 ft. grain drill) by 300 ft. in length within replications. The center 24 ft. of the strips 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. Macon County, AL wheat variety trial results.

Variety	Advertised Maturity	Test Weight lbs bu <sup>-1</sup>	Harvest Moisture %	Yield† bu acre <sup>-1</sup>
Coker 9553	Early	59.4	12.9	85.3
Pioneer 26R22	Medium Early	59.5	12.7	93.1
Terral LA821	Medium	57.4	12.2	83.3
Terral LA841	Medium	56.9	11.7	78.8
Terral TV8861‡	Medium Late	58.8	13.0	90.6
USG 3120	Medium Early	60.5	12.6	88.5
USG 3251	Medium Late	59.1	12.7	84.3

† Yield calculated by adjusting grain weights to 13.5% moisture and assuming 60 lbs bu<sup>-1</sup>.

‡ Replication 2 was an 80% stand. Average yield with replication 2 was 93.6 bu acre<sup>-1</sup>.

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