

Table 1. Elmore county on-farm cotton trial, 2005.

Producer: Sanford Peeples

Cooperators: Leonard Kuykendall, Rick Beauchamp, Dale Monks, Bob Goodman, and Dennis Delaney
Auburn University

Funding: Alabama cotton producers, Alabama Cotton Commission, and Cotton Incorporated

Variety	Lint yield (lb/acre)	Turnout (%)	Mic	Staple (32nds in)	Strength (g/tex)	Uniformity (%)
DP 434 RR	920	41	4.05	37.5	29.1	83.6
DP 445 BGRR	918	42	4.60	37.5	31.2	83.8
ST 4575 BR	859	41	4.55	37.0	31.0	84.0
DP 455 BGRR	791	43	4.15	37.0	31.6	83.8
ST 4686 RR	786	36	4.55	37.0	31.7	84.8
ST 6636 BR	782	38	4.75	38.0	32.2	85.0
DP 454 BGRR	777	42	4.10	36.5	30.7	83.6
FM 991 RR	773	38	4.90	37.0	31.5	84.1
FM 991 BR	772	40	4.85	38.0	33.0	84.6
FM 960 BR	756	39	4.55	36.5	32.4	83.1
DP 488 BGRR	732	41	4.55	38.0	31.0	83.7
DP 449 BGRR	726	39	4.50	37.0	32.9	84.6
DP 494 RR	724	41	4.45	37.5	32.7	84.5
FM 960 RR	724	39	3.95	37.0	30.0	83.6
DP 555 BGRR	723	41	4.85	36.5	30.4	83.4
PHY 470 WR	714	40	4.15	36.5	31.1	84.6
PHY 510 RR	710	39	4.60	36.5	32.6	83.9
PHY 410 RR	706	39	4.50	37.0	29.6	85.1
ST 6848 RR	690	38	4.85	37.0	32.4	84.6
ST 5599 BR	688	39	4.60	37.0	30.6	82.9

*Plots were planted in 2 separate strips of 4 rows, approximately 1300 to 1700 ft/strip.

Funding from Cotton Incorporated and the Alabama Cotton Commission was used in conducting this trial. We appreciate the support that Alabama cotton producers provide to our educational programs each year.