



Alabama A&M and Auburn Universities

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Trial: 2009 Conservation Tillage Cotton Variety

Extension Agronomists: Leonard Kuykendall, Dr. Jeffrey Clary

Extension Specialist: Dr. Dale Monks

Farmer Cooperator: Shep Morris – Morris & Morris – Montgomery County

Planted 4/30/09 - Harvested 11/20/09 - Average of 3 Replications

Funding: Alabama Cotton Producers / Alabama Cotton Commission / Cotton Incorporated

B = Bronco	CT = Seed Source Genetics	DP = Delta & Pine Land Company	FM = Fiber Max	PHY = PhytoGen Cottonseed
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VARIETY		Maturity Group	% Lint	Lint Yield / Acre	2 Year AVG	3 Year AVG	Micro-naire	Staple Length 32 nd Inch	Strength g/tex	% Unif	Value \$ / CWT	Value \$ per Acre
1	PHY440W	E-M	.415	1025	1171	-	4.9	1.17/37	30.7	84.1	\$54.15	\$555.04
2	FM1845LLB2	M-F	.392	1000	-	-	5.2	1.19/38	30.4	84.6	\$51.85	\$518.50
3	CT212	E-M	.405	927	-	-	5.0	1.14/36	31.7	83.2	\$51.85	\$480.65
4	Bronco 7139	M-F	.415	887	983	-	4.8	1.18/37	32.1	82.2	\$53.85	\$477.65
5	GA161	F	.377	875	999	970	4.3	1.22/39	31.0	83.4	\$54.05	\$472.94
6	DP491	M-F	.412	862	989	1149	4.6	1.23/39	31.5	83.9	\$54.15	\$466.77
7	CT210	E-M	.394	834	1024	1138	4.6	1.13/36	31.0	82.3	\$53.85	\$449.11
8	CT Linwood	E-M	.402	879	889	993	5.3	1.08/34	29.5	83.7	\$50.85	\$446.97
9	DP555BR	F	.425	798	1084	1041	4.7	1.14/36	29.5	81.6	\$53.65	\$428.13
Trial Average			.404	899	1020	1058	4.8	1.16/37	30.8	83.2	\$53.14	\$477.31
LSD (0.05)				87								
Pr>f				0.0008								
C.V. (%)				5.6								

Plots were planted in 8 row strips, replicated 3 times approximately 2000 feet/strip. Aeris+Trilex was applied to the seed.

Value = \$.52 / lb. of lint for SLM41, If = 4, ± loan premiums and discounts for mic., length, strength and uniformity

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. Thank You to the Farmer Cooperators and Seed Companies for supporting these trials with seed and/or technology and Bayer Crop Science for providing the Aeris + Trilex Seed Treatments.