



Alabama A&M and Auburn Universities

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Trial: 2009 Conventional Cotton Variety

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Extension Specialist: Dr. Dale Monks - Extension Economist: Dr. Bob Goodman

Farmer Cooperator: Sanford Peebles – Elmore County

Planted 5/15/09 - Harvested 11/6/09 - Average of 3 Replications

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

ARK = Arkansas	B = Bronco	CT = Seed Source Genetics	DP = Delta & Pine Land Company
FM = Fiber Max	GA = UGA	LA = LSU	PHY = PhytoGen Cottonseed

VARIETY		Seed Treatment + 5 lbs Temik	Maturity Group	% Lint	Lint Yield / Acre	Micro-naire	Staple Length 32 nd Inch	Strength g/tex	% Unif	Value \$ / CWT	Value \$ per Acre
1	DP555BR	Avicta	F	.420	909	4.4	1.15/36	32.3	82.8	\$54.05	\$491.31
2	CT212	Aeris+ Trilex	E-M	.401	847	4.7	1.14/36	31.0	83.9	\$54.15	\$458.65
3	CT210	Aeris+ Trilex	E-M	.393	824	4.6	1.14/36	32.1	83.6	\$54.15	\$446.20
4	CT Linwood	Aeris+ Trilex	E-M	.401	847	5.0	1.22/39	31.2	84.5	\$52.05	\$440.86
5	LA1110017	Gaucho Grande	M-F	.384	794	4.5	1.23/39	33.1	84.7	\$54.25	\$430.75
6	GA161	Aeris + Trilex	F	.386	790	4.5	1.20/38	32.8	84.3	\$54.15	\$427.79
7	CT310	-	E-M	.380	775	4.7	1.17/37	33.4	84.5	\$54.25	\$420.44
8	ARK 0102-48	Gaucho Grande	E-M	.377	776	5.1	1.29/41	34.8	86.9	\$52.15	\$404.68
9	LA 111035RS	Gaucho Grande	M-F	.369	766	4.6	1.25/40	32.0	85.3	\$54.25	\$415.56
10	FM1845LLB2	Aeris + Trilex	M-F	.360	745	4.1	1.22/39	33.9	84.0	\$54.30	\$404.54
11	DP491	Aeris+Trilex	M-F	.398	740	4.4	1.22/39	31.3	83.8	\$54.15	\$400.71
12	Bronco 7139	Aeris + Trilex	M-F	.396	707	4.9	1.24/39	32.2	83.8	\$54.15	\$382.84
13	PHY440W	Aeris + Trilex	E-M	.391	704	4.6	1.16/37	30.9	84.7	\$54.25	\$381.92
Trial Average		-	-	.389	786	4.6	1.20/38	32.4	84.4	\$53.87	\$423.56
LSD (0.05)					42						
Pr>f					0.0001						
C.V. (%)					3.2						

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

Plots were planted in single strips of 8 rows / variety, replicated 3 times, approximately 850 ft/strip. Seeds were treated with Aeris + Trilex. Temik at 5 lb/acre was applied in-furrow at planting. "Thank You" to the Farmer Cooperators and the Seed Companies for supporting these trials with seed, seed treatments technology and Temik.

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.