



Trial: Talladega County Irrigated Cotton Roundup-Flex Variety - 2009

Extension Agronomists: Leonard Kuykendall - *Extension Specialist:* Dr. Dale Monks

Farmer Cooperators: Mack & Scott Pruitt – Talladega County

Planted 6/1/09 - Harvested 11/25/09 - No till - Single strip trial

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

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CG = Croplan Genetics

DP = Delta & Pine Land Company

FM = Fiber Max

PHY = PhytoGen Cottonseed

ST = Stoneville

	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	ST4288B2RF	E	.383	1080	-	-	3.6	1.18/37	33.5	83.2	\$54.05	\$583.74
2	PHY485WRF	E-M	.394	956	1216	1391	4.1	1.16/36	31.1	84.6	\$54.40	\$520.06
3	ST 5458B2RF	M	.403	948	1262	-	4.0	1.18/37	33.3	84.2	\$54.30	\$514.76
4	PHYX5922WRF	M-F	.409	930	-	-	3.7	1.10/35	31.5	82.0	\$53.50	\$497.55
5	PHY315RF	E	.409	946	-	-	3.4	1.15/36	31.2	82.1	\$52.10	\$492.87
6	DP0949B2RF	M-F	.405	944	-	-	3.3	1.18/37	29.2	83.7	\$52.20	\$492.77
7	FM1740B2RF	E-M	.384	970	1220	-	3.2	1.18/37	31.4	84.3	\$50.75	\$492.28
8	PHY375WRF	E	.407	928	1176	-	3.4	1.15/36	30.8	83.4	\$52.30	\$485.34
9	DP0920B2RF	E-M	.411	914	-	-	3.4	1.17/37	31.6	83.5	\$52.40	\$478.94
10	PHY367WRF	E	.398	934	-	-	3.0	1.13/36	32.8	81.3	\$50.45	\$471.20
11	ST4554B2RF	E-M	.394	859	1121	1286	3.7	1.14/36	32.7	82.6	\$54.20	\$465.58
12	DP0924B2RF	E-M	.417	880	-	-	3.5	1.09/34	30.4	83.1	\$52.45	\$461.56
13	DP0912B2RF	E	.385	886	-	-	3.3	1.10/35	30.4	81.5	\$51.40	\$455.40
14	PHY425RF	E-M	.379	832	1127	1326	4.5	1.16/37	29.4	84.4	\$53.70	\$446.78
15	ST5288B2RF	M	.375	800	-	-	4.3	1.16/37	29.4	83.8	\$53.70	\$429.60
16	DP0935B2RF	M	.399	836	-	-	3.2	1.15/36	31.7	84.9	\$50.85	\$425.11
17	PHY565WRF	M-F	.409	816	-	-	3.2	1.20/38	31.6	83.7	\$50.75	\$414.12
Trial AVERAGE		-	.398	909	1187	1334	3.3	1.17/37	31.9	84.2	\$52.56	\$478.10

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

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. Plots were planted in single strips of 4 rows per variety; approximately 1300 ft/strip. Seeds were treated with either Aeris+ Trilex or Avicta. Temik, at 5lb/acre was applied in-furrow at planting. "Thank You" to the seed companies for supporting these trials with seed, technology, seed treatments and Temik.