



Alabama A&M and
Auburn Universities

Test: Talladega County Irrigated Cotton Roundup-Flex Variety
Farmer Cooperators: Mack & Scott Pruitt - Talladega County
Regional Extension Agronomist: Leonard Kuykendall / Extension Specialist: Dr. Dale Monks
Planted: 5/20/08 Harvested: 11/5/08 No Till Single Strip Trial

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

CG=Croplan Genetics	DP=Delta and Pine Land	FM= Fiber Max	PHY=PhytoGen Cottonseed	ST= Stoneville
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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 \$/Acre
1.	ST 5458B2RF	M	.388	1575	-	-	4.6	1.23 / 37+	32.9	84.8	\$54.40	\$856.80
2.	PHY 315RF	E	.425	1510	-	-	4.3	1.13 / 36	29.2	82.4	\$53.50	\$807.85
3.	ST 4664RF	E-M	.413	1489	1594	1478	4.3	1.15 / 36	31.7	83.6	\$54.25	\$807.78
4.	PHY 485WRF	E-M	.394	1475	1609	1564	4.6	1.22 / 37+	31.4	85.1	\$54.40	\$802.40
5.	FM 1740B2RF	E-M	.415	1470	-	-	4.0	1.18 / 37+	31.6	84.6	\$54.55	\$801.19
6.	CG 3520B2RF	E-M	.369	1449	1518	-	3.8	1.17 / 37+	29.6	83.0	\$54.15	\$784.63
7.	PHY 425RF	E-M	.371	1421	1573	-	4.2	1.25 / 37+	31.5	85.2	\$54.55	\$775.16
8.	PHY 375WRF	E	.401	1424	-	-	3.6	1.20 / 37+	29.9	84.0	\$54.10	\$770.38
9.	DP 444BR	E	.395	1409	1654	1552	4.5	1.16 / 37+	32.1	85.8	\$54.50	\$767.91
10.	DP 555BR	F	.402	1410	1491	1539	4.6	1.17 / 37+	31.9	84.2	\$54.30	\$765.63
11.	ST 4554B2RF	E-M	.403	1383	1500	1469	4.6	1.21 / 37+	31.1	85.6	\$54.50	\$753.74
12.	DP 141B2RF	M-F	.385	1324	-	-	4.8	1.25 / 37+	33.7	85.6	\$54.50	\$721.58
13.	DP 147RF	M-F	.410	1314	1483	1397	3.9	1.26 / 37	30.6	83.3	\$54.35	\$714.16
14.	CG 3020B2RF	E	.379	1322	1445	1389	4.3	1.10 / 35+	28.5	82.7	\$53.20	\$703.30
15.	CG 3035RF	E	.420	1284	-	-	4.1	1.18 / 37+	29.2	84.2	\$54.00	\$693.36
16.	DP 161B2RF	M-F	.391	1250	-	-	4.0	1.19 / 37+	31.6	84.3	\$54.45	\$680.63
17.	CG 3320B2RF	E	.367	1227	1395	-	4.2	1.16 / 37	29.2	82.7	\$53.90	\$661.53
18.	DP 167RF	M-F	.399	1207	-	-	3.8	1.26 / 37+	33.4	84.9	\$54.55	\$658.53
	Trial Average		.397	1386	1526	1484	4.2	1.19 / 37	31.1	84.2	\$54.23	\$751.47

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

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 / variety, approximately 1300 ft/strip. Seeds were treated with either Cruiser+ Dynasty or Gaucho Grande+ Trilex. Temik at 5 lb/acre was applied in-furrow at planting. Thanks to the seed companies for supporting these trials with seed, technology and seed treatments.