

Trial: Cotton Roundup Flex Variety 2008

Farmer Cooperator: Sanford Peeples - Elmore County

Regional Extension Agronomists: Leonard Kuykendall / Dr. Jeffrey Clary

Extension Specialists: Dr. Dale Monks / Bob Goodman

Planted: 5/1/08 Harvested: 10/7/08 Three replications combined for average lint yield

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

DP=Delta and Pine Land Company	FM=FiberMax	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 4554B2RF	E-M	.409	458	-	-	4.3	1.11 / 35	31.5	82.9	53.65	\$245.72
2.	ST 5458B2RF	M	.392	442	-	-	4.6	1.14 / 36	28.2	81.6	53.50	\$236.47
3.	DP 167RF	M-F	.427	419	-	-	4.7	1.12 / 35	29.5	82.5	53.45	\$223.96
4.	PHY 425RF	E-M	.415	413	376	477	4.4	1.12 / 35	31.8	83.0	53.65	\$221.57
5.	DP 161B2RF	M-F	.415	414	-	-	4.4	1.14 / 36	27.8	80.9	53.50	\$221.49
6.	PHY 485WRF	E-M	.410	402	-	-	4.4	1.06 / 34	30.6	81.3	52.48	\$210.85
7.	DP 555BR	F	.440	418	284	444	4.6	1.01 / 32	29.0	81.0	49.05	\$205.03
8.	FM 1740B2RF	E-M	.415	364	-	-	3.8	1.10 / 35	31.2	82.0	53.45	\$194.56
9.	DP 147RF	M-F	.423	363	302	404	4.1	1.12 / 35	28.3	81.3	53.15	\$192.93
10.	DP 141B2RF	M-F	.415	360	-	-	4.2	1.10 / 35	27.6	79.9	53.15	\$191.34
	Trial AVG		.416	405			4.3	1.10 / 35	30.0	81.7	52.91	\$214.39

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

Plots were planted in single strips of 8 rows / variety, approximately 850 ft/strip. Seeds were treated with either Cruiser+ Dynasty or Gaucho Grande to 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.

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.

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