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Trial: 2009 Roundup Flex Cotton Variety

Extension Agronomists: Leonard Kuykendall, Dr. Jeff Clary

Extension Specialist: Dr. Dale Monks

Farmer Cooperators: Mark & Ron Taylor – Elmore County

Planted 4/23/09 – Harvested 10/19/09 - Single strip harvested per variety

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

DP = Delta & Pine Land Company

FM = Fiber Max

PHY = PhytoGen Cottonseed

ST = Stoneville

VARIETY	Maturity Group	% Lint	Lint Yield / Acre	2 Year AVG	Micro-naire	Staple Length 32 nd Inch	Strength g/tex	% Unif	Value \$ / CWT	Value \$ per Acre	
1	DP0949B2RF	M-F	.433	645	-	5.0	1.13/34	28.8	82.7	\$51.40	\$331.53
2	DP555BR	F	.426	610	784	4.9	1.09/34	31.7	82.2	\$52.45	\$319.95
3	PHY565WRF	M-F	.414	582	-	4.7	1.15/36	31.9	83.6	\$54.15	\$315.15
4	PHY425RF	E-M	.432	573	651	5.5	1.13/36	29.3	82.5	\$51.40	\$294.50
5	ST5458B2RF	M	.455	547	678	4.9	1.12/35	28.2	83.2	\$53.10	\$290.46
6	DP0924B2RF	E	.418	535	-	4.5	1.17/37	31.4	83.7	\$54.15	\$289.70
7	PHY367WRF	E	.417	534	-	4.7	1.18/37	30.3	82.4	\$53.65	\$286.49
8	DP0912B2RF	E	.420	565	-	5.3	1.08/34	28.8	82.4	\$49.80	\$281.37
9	ST4288B2RF	E-M	.416	546	-	5.5	1.10/35	27.3	83.8	\$51.00	\$278.46
10	PHY485WRF	E-M	.402	526	717	5.0	1.18/37	32.3	84.7	\$52.05	\$273.78
11	ST4554B2RF	E-M	.418	524	748	5.3	1.12/35	27.6	82.9	\$50.90	\$266.72
12	DP0920B2RF	E-M	.393	489	-	5.1	1.14/36	28.7	83.6	\$53.70	\$262.59
13	PHY375WRF	E	.441	485	-	4.8	1.14/36	29.7	83.3	\$53.85	\$261.17
14	PHYX5922	M-F	.423	523	-	5.3	1.08/34	28.2	82.1	\$49.80	\$260.45
15	PHY315RF	E	.408	464	-	4.2	1.22/39	31.3	83.3	\$54.20	\$251.49
16	ST5288B2RF	M	.435	472	-	4.5	1.10/35	30.1	82.0	\$53.15	\$250.87
17	FM1740B2RF	E-M	.423	458	607	4.8	1.13/36	27.5	81.4	\$53.40	\$244.57
18	DP0935B2RF	M	.424	439	-	5.0	1.14/36	31.3	84.5	\$52.05	\$228.50
Trial Average			.421	529	698	4.9	1.13/36	29.7	83.0	\$52.46	\$277.11

Plots were planted in single strips of 8 rows per variety; approximately 1000 ft/strip
PHY367WRF / PHY565WRF and PHYX5922 were planted in 4 row plots

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

Seeds were treated with either Avicta or Aeris + Trilex. Temik, at 5lb/acre was applied in-furrow at planting. “Thank You” to the Farmer Cooperators and Seed Companies for supporting these trials with seed, technology, seed treatments and Temik.