

Test: Macon County Cotton Variety - Conservation Tillage

Farmer Cooperator: Shep Morris, Morris and Morris - Macon County

Regional Extension Agronomists: Leonard Kuykendall / Dr. Jeffrey Clary

Extension Specialist: Dr. Dale Monks

Planted: 5/8/08

Harvested: 11/26/08

Single Strip

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

B=Bronco Seed

CT=Seed Tec Genetics

DP=Delta and Pine Land Company

PHY=PhytoGen Cottonseed

	Variety	Maturity Group	% Lint	Lint Yield/Acre	2 year Average	3 year Average	Micro-naire	Staple Length 32 nd Inch	Strength g/tex	% Unif	Value \$/CWT	Value \$/Acre
1.	DP 491	F	.419	1244	1292	1242	4.8	1.20/37+	32.8	84.5	54.40	676.74
2.	PHY 440W	E-M	.420	1149	-	-	4.9	1.12/35	29.4	82.3	53.00	608.97
3.	CT 310	M	.377	1065	1166	-	4.6	1.14/36	32.3	83.1	54.15	576.70
4.	DP 555BR	F	.444	1174	1163	1131	5.6	1.08/34	25.7	81.5	48.75	572.33
5.	CT 210	E-M	.415	1135	1290	-	5.5	1.10/35	29.4	83.6	50.05	568.07
6.	B 7139	F	.405	1078	-	-	5.1	1.15/36	31.2	82.4	52.10	561.64
7.	CT 211	E-M	.396	1002	-	-	5.2	1.09/35	29.5	83.8	51.70	517.03
8.	GA 161	F	.385	927	1017	-	5.0	1.16/37	31.7	83.2	52.35	485.28
9.	CT Linwood	M	.441	898	1050	-	5.2	1.12/35	33.3	84.0	51.90	466.06
10.	B 263	E-M	.377	824	-	-	4.6	1.08/34	29.1	82.5	52.20	430.13
11.	B 1492	E-M	.368	811	-	-	4.4	1.05/33	26.2	81.3	50.05	405.91
12.	B Tamcot Sphinx	Very E	.398	747	-	-	5.1	1.07/34	31.8	84.8	51.00	380.97
13.	B 141	E	.365	695	-	-	4.7	1.11/35	28.1	83.2	53.20	369.74
14.	B 655	E	.366	684	-	-	5.2	1.08/34	26.7	82.6	50.35	349.43
	Average	-	.398	960		-	5.0	1.11/35	29.8	83.1	51.79	546.12

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

*July brought a severe worm damaging event even after chemical controls were applied. 100 bolls per variety were examined on 10/7/08. The worm damage did affect yield, though the cotton continued to fruit with adequate moisture throughout the remaining growing season.

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.

“Thank You” to the Seed Companies for supporting these trials with seed and technology; Bayer Crop Science for providing seed treatments.