

Summary: Central Alabama Conventional Cotton Variety Trials

Trial Cooperators: Shep Morris, Morris and Morris - Macon County / Research Agronomist: Don Moore - Prattville Experiment Field

Regional Extension Agronomists: Leonard Kuykendall & Dr. Jeffrey Clary / Extension Specialist: Dr. Dale Monks

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

B=Bronco Seed	CT=Seed Tec Genetics	DP=Delta and Pine Land Company	GA=Georgia	PHY=PhytoGen Cottonseed
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	Variety	% Lint	% Lint	% Lint	Lint Yield	Lint Yield	Lint Yield	Micro-	Micro-	Micro-	Staple	Staple	Staple
		Macon	Prattville	Overall AVG	Per Acre Macon	Per Acre Prattville	Per Acre Overall AVG	naire Macon	naire Prattville	naire Overall AVG	Length 32 nd Inch Macon	Length 32 nd Inch Prattville	Length 32 nd Inch AVG Overall AVG
1.	DP555BR	.444	.433	.439	1370	1470	1420	5.6	4.4	5.0	1.08 / 34	1.14 / 36	1.11 / 35
2.	PHY440W	.420	.420	.420	1316	1403	1360	4.9	4.2	4.6	1.12 / 35	1.07 / 34	1.10 / 35
3.	CT210	.415	.407	.411	1214	1373	1294	5.5	4.6	5.1	1.10 / 35	1.11 / 35	1.11 / 35
4.	DP491	.419	.442	.431	1116	1313	1215	4.8	4.1	4.5	1.20 / 37+	1.19 / 37+	1.20 / 37+
5.	CT Linwood	.441	.418	.430	*898	1573	1236	5.2	4.6	4.9	1.12 / 35	1.14 / 36	1.13 / 36
6.	CT310	.377	.389	.383	1005	1393	1199	4.6	4.4	4.5	1.14 / 36	1.15 / 36	1.15 / 36
7.	GA161	.385	.409	.397	1122	1255	1189	5.0	4.6	4.8	1.16 / 37	1.20 / 37+	1.18 / 37+
8.	B7139	.405	.397	.401	1058	1304	1181	5.1	3.9	4.5	1.15 / 36	1.15 / 36	1.15 / 36
9.	CT211	.396	.415	.406	*1002	1107	1055	5.2	5.2	5.2	1.09 / 35	1.09 / 35	1.09 / 35
10.	B263	.377	.399	.388	*824	843	834	4.6	3.8	4.2	1.08 / 34	1.11 / 35	1.10 / 35
11.	B Tamcot Sphinx	.398	.366	.382	*747	899	823	5.1	4.2	4.7	1.07 / 34	1.13 / 36	1.10 / 35
12.	B1492	.368	.368	.368	842	746	794	4.4	3.8	4.1	1.05 / 33	1.12 / 35	1.09 / 34
13.	B655	.366	.374	.370	*684	815	750	5.2	4.4	4.8	1.08 / 34	1.12 / 35	1.10 / 35
14.	B141	.365	.368	.367	*695	770	733	4.7	4.1	4.4	1.11 / 35	1.11 / 35	1.11 / 35
	Trial Average	.398	.400	.399	992	1162	1077	5.0	4.3	4.7	1.11 / 35	1.13 / 36	1.12 / 35

*Macon County Single Strip Trial

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



ALABAMA A&M AND AUBURN UNIVERSITIES, AND TUSKEGEE UNIVERSITY, COUNTY GOVERNING BODIES AND USDA COOPERATING

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	Variety	Strength	Strength	Strength	%	%	%	Value	Value	Value	Value	Value	
		g/tex Macon	g/tex Prattville	g/tex Overall AVG	Unif Macon	Unif Prattville	Unif Overall AVG	\$/ CWT Macon	\$/ CWT Prattville	\$/ CWT Overall AVG	\$/ Acre Macon	\$/ Acre Prattville	\$/ Acre Overall AVG
1.	DP555BR	25.7	29.3	27.5	81.5	82.8	82.2	48.75	53.70	51.23	\$667.88	\$789.39	\$728.64
2.	PHY440W	29.4	29.2	29.3	82.3	83.8	83.1	53.00	52.45	53.63	\$697.48	\$755.70	\$726.59
3.	CT210	29.4	30.5	30.0	83.6	82.1	82.9	50.05	53.45	51.75	\$607.61	\$733.87	\$670.74
4.	DP491	32.8	32.7	32.8	84.5	84.6	84.6	54.40	54.55	54.48	\$607.10	\$716.24	\$661.67
5.	CT Linwood	33.3	30.4	31.9	84.0	84.9	84.5	51.90	53.90	52.90	*\$466.06	\$847.85	\$656.96
6.	CT310	32.3	33.5	33.0	83.1	84.3	83.7	54.15	54.25	54.20	\$544.21	\$755.70	\$649.96
7.	GA161	31.7	31.5	31.6	83.2	84.0	83.6	52.35	54.30	53.33	\$587.37	\$681.47	\$634.42
8.	B7139	31.2	29.2	30.2	82.4	83.4	82.9	52.10	53.85	52.98	\$551.22	\$702.20	\$626.71
9.	CT211	29.5	29.9	29.7	83.8	82.9	83.4	51.70	51.35	51.53	*\$517.03	\$568.44	\$542.74
10.	B263	29.1	29.4	29.3	82.5	82.5	82.5	52.20	53.35	52.78	*\$430.13	\$449.74	\$439.94
11.	B Tamcot Sphinx	31.8	31.8	31.8	84.8	84.9	84.9	51.00	54.50	52.75	*\$380.97	\$489.96	\$435.47
12.	B1492	26.2	27.7	27.0	81.3	83.1	82.2	50.05	53.35	51.70	\$421.42	\$397.99	\$409.71
13.	B655	26.7	27.7	27.2	82.6	83.1	82.9	50.35	53.20	51.78	*\$349.43	\$443.58	\$396.51
14.	B141	28.1	27.1	28.1	83.2	83.7	83.5	53.20	53.45	53.33	*\$369.74	\$411.57	\$390.66
	Trial Average	29.8	30.0	30.0	83.1	83.6	83.4	51.79	53.55	52.67	\$517.81	\$623.13	\$569.34



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