2002 Mississippi Cotton Variety Trials Performance

J. B. Creech, Assistant Agronomist
MAFES, Delta Research and Extension Center
Stoneville, Mississippi

Charles E. Snipes, Research/Extension
Professor & Assistant Head
MAFES, Delta Research and Extension Center
Stoneville, Mississippi

T. P. Wallace, Associate Agronomist
Department of Plant and Soil Sciences
Mississippi State University

J. R. Johnson, Superintendent
MAFES, North Mississippi Branch
Experiment Station
Holly Springs, Mississippi

N. W. Buehring, Agronomist-Superintendent
MAFES, North Mississippi Branch
Experiment Station
Verona, Mississippi

D. Dobbs, Research Associate
MAFES
Delta Research and Extension Center
Stoneville, Mississippi

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Most of the variety trial locations are located on research stations throughout the state. Trials that are planted on commercial farms give an added dimension to the results. While on-farm trials present logistical obstacles to researchers and to producer-cooperators, data from these trials give an important indication of how varieties will perform in “real world” situations. The authors wish to express their appreciation to W.E. Clark and Robert Sullivan of the Cotton Improvement Program at Delta Research and Extension Center for their technical assistance and also to the Mississippi cotton producers who allow us to grow these variety trials on their farms and often tolerate the aggravation of farming around small-plot research:

Brad Cobb, Tunica
Cliff Heaton, Clarksdale
Clark Carter, Rolling Fork
John Henry Miller, Desoto County
Jeff Parkinson, Durant

Introduction

Variety selection is one of the first decisions a cotton producer makes each season, and perhaps the single most important. Results from this research are intended to be an aid in making this crucial decision. Certain data will also be of interest to ginners, millers, and other sectors of the cotton industry. The varieties reported here were submitted by the cottonseed companies.

All varieties, regardless of transgenes present, were evaluated in these tests under standard management practices, including chemical control of insects with conventional insecticides. The potential advantage of transgenes is not the subject of these tests and was not evaluated.

Varieties submitted for testing were divided into two groups based on maturity as determined by the company submitting each variety. The Early-Maturity Cotton Variety Test was comprised of 37 varieties in the Delta and 30 in the Hill area of Mississippi. The Mid-maturity Cotton Variety Test was comprised of 27 varieties in the Delta and 24 varieties in the Hills. PhytoGen PSC 355 and Sure-Grow SG 747 were used as check varieties in tests with both maturity groups.

The Early-Maturity and Mid-season Variety Tests were conducted at five locations in the Delta: Stoneville, Tunica, Clarksdale, Rolling Fork, and Tribbett. The Early-Maturity and Mid-season Tests were conducted at six Hill locations: Mississippi State, Brooksville, Durant, Holly Springs, Nesbit, and Verona.

All tests were planted solid in 38- or 40-inch rows. Each variety was replicated six times at each location (with the exception of only four replications at Verona due to land space). Yield determinations were based on the weight of seed cotton mechanically harvested from two-row plots that ranged from 40 to 45 feet in length. Determination of lint fraction, boll size, seed index (weight in grams of 100 fuzzy seed), and fiber properties were made from hand-picked boll samples (50-100) or from machine-harvested grab samples from three replications at each location. Samples were ginned on a 10-inch saw laboratory gin. HVI fiber property determinations were made by Starlab, Inc., Knoxville, TN.

In all tests, seed of each variety was supplied by the company that submitted the variety for testing. Recommended management practices were followed in each test. The on-farm cooperators decided planting dates, fertilizer rates, amount of supplemental irrigation, defoliation date, insect and weed control strategies, and harvest date. These tests do not encompass all growing and environmental conditions in the state, but they provide a guide to producers in selecting among varieties best suited for their growing conditions.

At the bottom of each table are summary statistics that are very important in interpreting the test results. Despite efforts to provide a uniform test environment, all experiments are subject to a certain degree of error due to variation between plots arising from differences in soil type, fertility, insect damage, weed pressure, etc. Therefore, yield potential (and performance with respect to other characteristics) cannot be measured with complete accuracy. By conducting replicated trials we can account for or remove some, but not all, of the effect of non-uniform conditions among plots. As a result, the mean performance of some varieties may be numerically different due to natural variation in the data, but not statistically different when variability in the test is taken into account. The least significant difference (LSD) is a statistical measure that estimates the smallest difference between two varieties that should be considered something other than natural variation. For example, if the LSD for lint yield in a given trial is 80 lb/A, varieties that differ by less than 80 lb/A should be considered equal in yield. In key tables and for key traits, values that are not significantly different from the variety with the highest value in the trial are shown with a shaded background.

The coefficient of variation (CV) is a measure of relative precision of a given trial and is generally considered to be an estimate of the amount of unexplained variation in that trial. In general, a higher CV indicates higher variation of a given trial. The R-squared value is another measure of relative precision. The higher the R-squared value, the more precise a trial.

Results and Conclusions

In any single year or location, a given variety may perform extremely well or extremely poorly due either to chance variation or due to its response to environmental conditions in that particular site and year. In order to avoid being misled by performance in a single year and location, it is wise to base variety selection decisions on as many environments as possible. While it is hoped that newer varieties will perform better than older varieties, this is not always the case. Greater confidence can be put in varieties that have performed well over two or more years than can be put in varieties that are in their first year of testing. Producers should consider these new varieties/technologies as not being thoroughly evaluated until multiple year, multiple locations results are available.

References

Weather data was obtained from the DREC Weather/GIS Data Center Web Site:

http://www.deltaweather.msstate.edu/

Anyone may obtain online weather data from several weather stations across Mississippi from this site.

List of Tables and a Brief Description of their Contents.

Table	Test	Year(s)	Location(s)	Traits reported
1	Early-Maturity	2002	Delta	Lint yield, fiber properties, seed index
2	Mid-Maturity	2002	Delta	Lint yield, fiber properties, seed index
3	Early-Maturity	2002	Stoneville	Lint yield, fiber properties, seed index
4	Early-Maturity	2002	Tunica	Lint yield, fiber properties, seed index
5	Early-Maturity	2002	Clarksdale	Lint yield, fiber properties, seed index
6	Early-Maturity	2002	Rolling Fork	Lint yield, fiber properties, seed index
7	Early-Maturity	2002	Tribbett	Lint yield, fiber properties, seed index
8	Mid-Maturity	2002	Stoneville	Lint yield, fiber properties, seed index
9	Mid-Maturity	2002	Tunica	Lint yield, fiber properties, seed index
10	Mid-Maturity	2002	Clarksdale	Lint yield, fiber properties, seed index
11	Mid-Maturity	2002	Rolling Fork	Lint yield, fiber properties, seed index
12	Mid-Maturity	2002	Tribbett	Lint yield, fiber properties, seed index
13	Early-Maturity	2002	Hills	Lint yield, fiber properties, seed index
14	Mid-Maturity	2002	Hills	Lint yield, fiber properties, seed index
15	Early-Maturity	2002	Durant	Lint yield, fiber properties, seed index
16	Early-Maturity	2002	MSU	Lint yield, fiber properties, seed index
17	Early-Maturity	2002	Verona	Lint yield, fiber properties, seed index
18	Early-Maturity	2002	Holly Springs	Lint yield, fiber properties, seed index
19	Early-Maturity	2002	Nesbit	Lint yield, fiber properties, seed index
20	Mid-Maturity	2002	Durant	Lint yield, fiber properties, seed index
21	Mid-Maturity	2002	Verona	Lint yield, fiber properties, seed index
22	Mid-Maturity	2002	Holly Springs	Lint yield, fiber properties, seed index
23	Mid-Maturity	2002	Nesbit	Lint yield, fiber properties, seed index

Table 1. Averages for lint yield and fiber quality traits over locations in the Delta Region Early-Maturity Test in the 2002 Mississippi Official Cotton Variety Trials.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
OA-87	1366	1	38.53	11	9.91	26	5.09	12	1.06	37	83.48	36	27.96	34	8.41	17	4.76	21
OA-90	1304	2	41.16	3	9.68	33	4.55	33	1.11	26	83.79	28	29.31	23	8.21	26	5.08	1
ST 4892BR	1255	3	38.61	9	10.45	12	5.18	9	1.10	28	84.37	15	31.01	12	8.45	16	4.81	18
BXN 49B (ST X0001)	1248	4	37.51	24	10.55	6	4.97	15	1.12	15	83.83	27	28.93	27	8.06	29	4.62	31
DPL X99X35	1240	5	41.27	2	9.59	34	4.64	28	1.11	22	84.25	17	29.49	22	8.36	22	4.97	7
PM 1218BG/RR	1218	6	38.56	10	11.19	3	5.29	5	1.09	33	83.77	30	28.60	30	8.23	25	5.03	3
SG 747	1200	7	38.48	12	10.20	21	4.80	21	1.12	21	84.00	23	27.94	36	8.47	13	4.97	6
PH98M-2983	1194	8	39.83	4	9.84	30	4.56	32	1.11	25	83.93	26	30.10	17	8.38	20	4.77	20
SG 215BG/RR	1193	9	36.83	29	10.07	24	5.01	14	1.08	35	84.07	20	27.94	35	8.57	7	4.71	25
FM 958 BG (E 6478)	1193	10	37.88	15	10.53	8	4.85	19	1.14	7	84.57	7	33.91	2	7.83	34	4.39	37
DP 555BG/RR	1185	11	41.33	1	8.21	37	4.58	31	1.13	10	83.04	37	29.57	21	7.36	37	4.49	35
Syngenta N2429	1166	12	37.72	19	10.88	5	5.09	11	1.13	8	85.05	1	32.70	3	9.12	1	5.07	2
ST 4793R	1143	13	38.81	7	10.38	16	4.53	34	1.10	30	84.17	19	30.93	14	8.53	9	4.93	8
PSC 355	1134	14	37.76	18	10.42	13	4.64	29	1.12	16	84.53	9	31.45	10	9.01	2	5.01	5
Sure-Grow 501BR	1132	15	36.38	31	10.39	15	5.19	8	1.09	32	84.58	6	30.97	13	8.74	5	4.84	14
St BXN 47	1122	16	38.41	13	10.01	25	5.05	13	1.13	12	84.46	11	30.57	16	8.17	27	4.85	13
MISCOT 8806	1117	17	37.33	25	10.42	14	4.90	17	1.13	9	84.57	8	31.46	9	8.57	6	4.83	15
OA-89	1104	18	37.14	26	9.77	32	4.76	22	1.09	34	83.53	35	29.83	19	8.79	4	4.86	12
Sure-Grow 521R	1091	19	36.93	28	9.77	31	4.68	26	1.07	36	83.71	31	28.46	32	8.55	8	4.63	29
ST 457 (STX8M007)	1082	20	37.82	16	9.91	27	4.75	24	1.12	19	84.42	13	30.09	18	9.00	3	4.71	26
FM 966	1079	21	37.97	14	11.41	2	5.47	3	1.15	2	84.99	2	35.01	1	7.79	35	4.63	30
MISCOT 8839	1076	22	36.14	32	10.51	11	4.74	25	1.16	1	84.62	5	29.13	26	7.97	32	4.81	17
DP 451B/RR	1073	23	34.37	36	10.09	23	4.67	27	1.13	14	83.77	29	28.42	33	8.01	31	4.58	32
DES 816	1064	24	36.54	30	10.55	7	5.48	2	1.12	17	84.43	12	32.52	4	8.50	10	4.75	23
Texas 28R	1063	25	38.91	6	9.09	35	4.91	16	1.14	5	83.97	25	29.16	25	7.89	33	5.03	4
RGC2002	1062	26	37.02	27	9.85	29	4.63	30	1.10	29	83.98	24	29.17	24	8.47	12	4.55	33
Sure-Grow 105	1058	27	37.62	21	10.34	17	4.75	23	1.12	18	84.75	3	31.15	11	8.48	11	4.92	9
FM 958	1057	28	39.35	5	10.89	4	5.23	6	1.15	3	84.37	14	32.13	5	7.61	36	4.83	16
DP 20B	1046	29	34.88	34	10.21	20	4.89	18	1.15	4	84.32	16	28.62	29	8.25	24	4.54	34
AP 7115	1042	30	37.68	20	9.87	28	4.52	35	1.11	24	83.54	34	28.64	28	8.01	30	4.43	36
DP 458 BR	1041	31	37.62	22	8.73	36	4.21	37	1.12	20	83.57	33	29.71	20	8.15	28	4.75	22
RGC2001	1032	32	37.61	23	10.32	18	5.22	7	1.13	11	84.05	21	30.71	15	8.38	19	4.87	11
DES 607	1006	33	38.79	8	10.29	19	4.83	20	1.14	6	84.49	10	28.48	31	8.31	23	4.64	27
PM 1199RR	996	34	37.76	17	10.53	9	5.37	4	1.11	23	84.67	4	31.58	8	8.37	21	4.91	10
DP 436RR	982	35	33.98	37	10.52	10	5.13	10	1.13	13	84.22	18	27.43	37	8.41	18	4.81	19
DES 810	980	36	35.21	33	10.16	22	4.45	36	1.11	27	84.05	22	31.66	6	8.47	14	4.64	28
All Tex Atlas	729	37	34.44	35	11.68	1	5.51	1	1.10	31	83.66	32	31.59	7	8.47	15	4.73	24
Mean	1110		37.68		10.20		4.90		1.12		84.15		30.17		8.33		4.78	
LSD (0.10)	56		0.58		0.37		0.47		0.01		0.42		0.81		0.17		0.15	
CV(%)	11.91		2.56		5.96		9.95		1.83		0.83		4.48		3.39		5.04	
R-SQUARE	0.84		0.88		0.77		0.51		0.81		0.63		0.83		0.79		0.75	
REPS	30		15		15		6		15		15		15		15		15	

Shaded values not significantly different from highest value

Table 2. Averages for lint yield and fiber quality traits over locations in the Delta Region Mid-Maturity Test in the 2002 Mississippi Official Cotton Variety Trials.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
ST 5599BR	1341	1	38.18	7	10.79	4	5.59	2	1.14	8	83.91	20	30.73	12	7.80	18	4.65	10
OA-87	1238	2	38.38	6	10.43	5	5.18	8	1.05	27	83.69	24	28.01	23	8.38	2	4.79	4
OA-88	1221	3	37.68	11	10.02	12	4.85	17	1.11	23	84.49	9	26.81	26	8.32	5	4.76	6
SG 747	1199	4	38.41	5	10.01	13	4.86	15	1.12	17	84.61	8	27.16	25	8.33	4	4.96	2
DP 555BG/RR	1139	5	41.03	2	8.05	27	4.37	26	1.14	9	83.57	26	29.50	15	7.30	27	4.57	16
OA-85	1113	6	41.09	1	9.18	20	4.67	21	1.11	22	83.50	27	29.45	16	7.75	19	4.60	15
ST 5303R	1113	7	36.58	18	10.23	9	4.95	13	1.10	25	84.74	6	33.09	3	8.21	9	4.63	11
PSC 355	1108	8	37.57	12	10.41	6	5.13	10	1.12	20	84.99	4	30.99	10	9.09	1	4.97	1
DP448B	1099	9	35.63	22	8.90	23	4.39	25	1.13	16	83.79	23	27.65	24	7.57	24	4.29	26
FM 966	1080	10	37.69	10	11.19	1	5.55	3	1.16	5	85.25	2	35.66	1	7.70	22	4.48	22
FM 989 BR	1061	11	36.27	20	10.89	2	5.25	6	1.15	7	84.23	12	32.15	7	7.91	15	4.45	23
DP 491	1058	12	39.76	3	9.69	17	5.80	1	1.22	1	84.91	5	30.81	11	7.56	25	4.54	17
NuCOTN 35B	1055	13	35.30	25	9.86	15	5.16	9	1.13	13	84.17	14	31.35	9	7.72	20	4.61	13
ST 580	1034	14	36.67	17	9.73	16	5.08	11	1.12	18	83.95	19	28.81	20	8.30	7	4.78	5
Texas 24R	1030	15	37.86	9	8.79	24	4.68	20	1.10	26	83.62	25	29.41	18	8.34	3	4.61	14
GC 271	1028	16	34.63	27	10.28	8	4.55	24	1.18	4	85.31	1	32.15	6	8.12	11	4.62	12
DP 565	1017	17	36.86	16	9.09	21	4.88	14	1.15	6	84.66	7	29.44	17	7.96	12	4.50	20
USG Exp 555	1003	18	36.29	19	10.11	11	5.27	5	1.13	11	84.00	18	28.31	22	7.93	13	4.53	18
DP 458B/RR	998	19	37.32	14	8.47	25	4.33	27	1.12	19	84.10	15	30.13	13	8.13	10	4.70	8
DeltaPEARL	991	20	38.98	4	9.05	22	4.60	23	1.18	3	84.20	13	30.05	14	7.38	26	4.67	9
DP 655B/RR	982	21	35.07	26	9.56	19	4.75	19	1.13	14	83.80	22	31.71	8	7.71	21	4.36	24
USG Exp 710	966	22	37.44	13	10.36	7	4.85	16	1.11	24	84.03	17	29.12	19	8.30	6	4.91	3
DP 5415RR	925	23	38.08	8	8.29	26	4.66	22	1.12	21	84.26	11	28.48	21	8.23	8	4.75	7
USG Exp 650	917	24	35.40	23	9.93	14	5.05	12	1.13	12	83.86	21	26.78	27	7.82	17	4.50	21
Texas 245	866	25	35.83	21	10.84	3	5.38	4	1.20	2	85.23	3	32.42	4	7.57	23	4.27	27
FM 989 R	862	26	37.08	15	10.23	10	5.18	7	1.13	10	84.28	10	33.81	2	7.85	16	4.32	25
DP 5690RR	842	27	35.31	24	9.65	18	4.76	18	1.13	15	84.03	16	32.27	5	7.92	14	4.51	19
Mean	1048		37.27		9.78		4.96		1.13		84.27		30.24		7.97		4.60	
LSD (0.10)	67		0.66		0.32		0.54		0.01		0.38		0.72		0.15		0.14	
CV(%)	15.05		2.94		5.45		11.36		1.58		0.75		3.93		3.08		5.15	
R-SQUARE	0.77		0.84		0.83		0.52		0.86		0.68		0.89		0.87		0.76	
REPS	30		15		15		6		15		15		15		15		15	

Shaded values not significantly different from highest value

Table 3. Stoneville, MS location of the Delta Region Early-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Bosket Very Fine Sandy Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	rank	MIC	Rank
OA-87	1424	1	40.07	9	9.87	21	5.43	6	1.06	36	84.07	31	29.53	36	8.63	20	5.30	7
BXN 49B (ST X0001)	1370	2	39.59	12	10.13	18	5.11	15	1.12	15	84.60	20	30.80	31	8.30	30	5.10	21
OA-90	1343	3	43.08	1	8.63	34	4.71	30	1.08	33	83.57	36	32.27	21	8.80	10	5.20	12
DPL X99X35	1335	4	41.93	3	8.93	33	4.83	26	1.11	24	85.10	9	31.60	23	8.60	21	5.13	17
ST 4892BR	1325	5	39.75	11	10.77	5	5.24	13	1.11	22	85.23	6	33.47	14	8.93	6	5.33	5
DP 555BG/RR	1294	6	41.98	2	8.43	36	4.81	28	1.13	11	83.30	37	32.70	19	7.57	37	4.73	36
SG 215BG/RR	1270	7	38.76	23	9.93	20	5.63	2	1.09	28	84.70	17	30.00	35	8.70	16	5.33	6
ST 4793R	1260	8	40.13	8	10.33	11	4.63	33	1.09	31	84.67	19	34.23	10	8.87	7	5.40	1
FM 958	1240	9	40.37	5	10.73	6	5.39	8	1.14	4	84.80	15	34.37	9	7.70	36	4.73	35
DP 458 BR	1234	10	39.30	14	8.20	37	4.37	37	1.13	7	84.43	23	31.73	22	8.43	25	5.13	18
Texas 28R	1234	11	40.20	7	8.60	35	4.95	22	1.15	3	84.40	25	31.47	24	8.30	28	5.10	20
PSC 355	1231	12	38.87	20	10.27	12	4.65	32	1.11	26	84.93	12	34.57	5	9.17	4	5.23	10
Syngenta N2429	1198	13	38.15	27	10.53	7	5.27	11	1.13	10	85.13	8	34.87	3	9.40	1	5.37	3
OA-89	1194	14	38.06	28	9.47	31	4.78	29	1.09	30	83.83	34	32.40	20	9.23	3	5.20	11
FM 966	1191	15	39.20	16	11.33	2	5.41	7	1.13	9	85.07	10	39.87	1	8.17	32	4.80	33
MISCOT 8839	1187	16	37.80	30	10.17	17	4.82	27	1.14	5	84.50	22	31.20	27	8.03	34	4.97	27
MISCOT 8806	1185	17	38.33	26	10.17	16	5.34	10	1.12	19	84.67	18	34.43	7	8.63	18	5.07	23
SG 747	1169	18	40.23	6	9.67	28	5.02	20	1.12	16	84.87	14	30.60	32	8.57	23	5.37	4
DP 451B/RR	1164	19	34.96	36	10.40	10	5.09	17	1.13	6	84.97	11	30.20	34	8.10	33	5.10	22
PM 1218BG/RR	1162	20	39.36	13	11.23	3	5.58	3	1.07	35	83.87	33	30.97	28	8.23	31	5.17	14
FM 958 BG (E 6478)	1157	21	38.76	22	9.87	22	5.14	14	1.11	23	84.27	28	34.53	6	7.73	35	4.67	37
RGC2001	1155	22	38.78	21	9.70	27	5.52	4	1.12	14	84.43	24	33.30	15	8.63	19	5.13	16
AP 7115	1154	23	39.14	17	9.77	24	4.56	34	1.11	25	84.23	29	30.83	30	8.30	29	4.80	32
PH98M-2983	1143	24	41.27	4	9.47	30	4.67	31	1.12	20	84.30	26	33.23	16	8.73	13	5.20	13
Sure-Grow 105	1134	25	38.90	19	10.17	15	4.99	21	1.12	17	85.67	1	34.10	11	8.77	11	5.40	2
RGC2002	1133	26	37.90	29	9.50	29	4.52	35	1.10	27	84.30	27	31.47	25	8.83	9	4.93	28
St BXN 47	1126	27	39.07	18	10.17	14	5.08	18	1.13	12	84.80	16	32.97	17	8.37	26	5.27	9
DES 607	1121	28	39.84	10	9.73	25	5.04	19	1.15	2	85.20	7	31.23	26	8.73	14	4.77	34
Sure-Grow 501BR	1116	29	37.40	32	10.20	13	4.85	25	1.09	29	85.37	3	34.40	8	8.97	5	5.03	25
Sure-Grow 521R	1111	30	38.36	25	9.37	32	4.86	24	1.06	37	83.93	32	30.90	29	8.70	15	5.13	15
ST 457 (STX8M007)	1100	31	38.38	24	9.73	26	4.89	23	1.13	13	85.33	4	32.73	18	9.33	2	4.90	29
DP 20B	1098	32	36.50	33	10.07	19	5.11	16	1.16	1	85.50	2	30.47	33	8.37	27	5.07	24
PM 1199RR	1094	33	39.29	15	11.00	4	5.37	9	1.12	18	85.30	5	34.70	4	8.57	22	5.27	8
DES 816	1090	34	37.61	31	10.40	9	5.25	12	1.11	21	84.57	21	35.80	2	8.63	17	4.90	30
DES 810	1089	35	36.07	34	9.87	23	4.38	36	1.08	34	84.17	30	33.77	12	8.77	12	4.83	31
DP 436RR	1010	36	34.22	37	10.47	8	5.47	5	1.13	8	84.90	13	28.93	37	8.50	24	5.10	19
All Tex Atlas	931	37	35.68	35	11.50	1	5.89	1	1.08	32	83.60	35	33.70	13	8.87	8	5.00	26

MEAN	1183	38.85	9.97	5.04	1.11	84.61	32.66	8.57	5.09
LSD (0.10)	102	1.15	0.59	0.52	0.03	0.95	1.56	0.35	0.29
CV (%)	8.90	2.18	4.37	7.64	1.88	0.83	3.51	3.03	4.12
R-SQUARE	0.70	0.88	0.82	0.59	0.69	0.55	0.84	0.80	0.65
REPS	6	3	3	3	3	3	3	3	3

Shaded values not significantly different from highest value.

Planted: May 14, 2002 Harvested: October 22, 2002

Table 4. Tunica, MS location of the Delta Region Early-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Sandy Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Length (UHM)		Uniformity Index		Strength	Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	in	Rank	%	Rank	g tex	EL	Rank	MIC	Rank
OA-87	1506	1	39.24	8	10.50	26	1.08	37	83.53	29	27.77	8.23	20	5.00	16
PH98M-2983	1501	2	41.02	3	10.30	32	1.12	27	83.50	30	29.53	7.83	30	4.77	32
BXN 49B (ST X0001)	1464	3	38.13	19	10.43	29	1.13	17	82.53	37	28.37	7.83	32	4.70	34
OA-90	1457	4	40.57	4	10.73	22	1.14	13	83.53	27	29.27	7.90	27	5.27	7
SG 215BG/RR	1409	5	37.72	22	10.50	28	1.09	36	83.90	18	27.47	8.57	6	5.00	14
St BXN 47	1396	6	40.05	5	10.20	33	1.13	22	83.60	25	29.07	8.03	24	4.93	22
ST 4892BR	1388	7	39.18	10	10.77	19	1.10	31	84.27	9	30.97	8.43	11	5.00	15
DPL X99X35	1382	8	41.27	2	10.40	30	1.14	11	84.13	13	28.87	8.10	22	5.13	10
Sure-Grow 501BR	1340	9	37.09	28	11.23	10	1.11	29	84.73	2	30.97	8.63	5	5.10	11
DP 458 BR	1337	10	38.04	21	9.63	36	1.13	21	83.10	36	29.07	8.17	21	4.80	29
PM 1218BG/RR	1326	11	38.30	16	12.00	3	1.10	32	83.73	23	28.10	8.30	14	5.27	6
ST 457 (STX8M007)	1316	12	38.30	17	10.33	31	1.14	15	83.97	17	30.50	8.87	2	4.77	30
SG 747	1311	13	38.82	14	10.67	23	1.12	23	83.73	22	27.47	8.43	12	5.13	8
DP 20B	1310	14	36.00	34	10.63	24	1.16	5	84.03	15	30.63	8.03	23	4.60	36
DP 451B/RR	1308	15	36.26	32	11.03	14	1.14	10	83.60	24	27.87	7.97	26	4.93	23
AP 7115	1293	16	38.97	13	10.50	27	1.12	24	83.13	35	27.80	7.77	34	4.63	35
DP 555BG/RR	1285	17	42.68	1	8.97	37	1.14	16	83.13	34	29.10	7.37	37	4.90	26
PSC 355	1243	18	39.02	12	10.83	18	1.12	26	83.87	19	30.10	8.67	4	5.33	2
OA-89	1239	19	37.02	30	10.77	21	1.10	33	83.77	21	29.43	8.70	3	4.97	17
RGC2002	1238	20	37.45	25	10.17	34	1.11	28	83.30	32	28.53	8.23	19	4.50	37
PM 1199RR	1228	21	38.40	15	11.00	15	1.12	25	84.23	10	30.97	8.27	16	5.10	13
RGC2001	1212	22	37.45	24	11.13	12	1.15	8	83.53	26	30.83	8.00	25	4.83	28
DES 607	1211	23	39.50	6	11.03	13	1.16	2	84.13	12	26.73	7.70	35	4.93	24
Texas 28R	1194	24	39.41	7	10.07	35	1.13	18	83.20	33	29.33	7.83	31	5.50	1
DP 436RR	1191	25	34.63	36	11.27	9	1.15	6	84.47	4	27.00	8.30	15	4.83	27
FM 958 BG (E 6478)	1187	26	38.23	18	11.40	7	1.14	9	84.30	8	34.60	7.87	28	4.73	33
MISCOT 8839	1186	27	36.15	33	11.67	5	1.16	1	84.77	1	28.57	7.77	33	5.30	4
Syngenta N2429	1184	28	38.08	20	11.43	6	1.13	19	84.20	11	32.07	9.10	1	5.27	5
ST 4793R	1180	29	39.08	11	10.77	20	1.11	30	83.80	20	30.33	8.50	8	5.10	12
DES 816	1173	30	37.28	26	11.30	8	1.13	20	84.37	7	32.07	8.50	7	4.97	18
MISCOT 8806	1172	31	37.19	27	11.17	11	1.14	12	84.40	6	31.67	8.23	17	5.13	9
Sure-Grow 521R	1133	32	37.08	29	10.87	17	1.09	35	83.53	28	28.80	8.50	9	4.77	31
Sure-Grow 105	1095	33	37.46	23	11.00	16	1.15	7	84.40	5	30.90	8.23	18	4.97	19
DES 810	1074	34	35.68	35	10.63	25	1.14	14	84.03	16	32.03	8.30	13	4.93	21
FM 966	1057	35	36.38	31	12.33	2	1.16	3	84.63	3	32.93	7.83	29	4.90	25
FM 958	1042	36	39.22	9	11.80	4	1.16	4	84.07	14	33.33	7.60	36	5.33	3
All Tex Atlas	743	37	34.10	37	12.80	1	1.10	34	83.50	31	31.30	8.43	10	4.93	20

MEAN	1252	38.10	10.90	1.13	83.90	29.80	8.20	5.00
LSD (0.10)	125.00	1.30	0.80	0.02	0.90	2.10	0.40	0.20
CV (%)	10.50	2.50	5.50	1.50	0.80	5.10	3.30	3.50
R-SQUARE	0.62	0.84	0.71	0.74	0.48	0.70	0.76	0.75
REPS	6	3	3	3	3	3	3	3

Shaded values not significantly different from highest value.

Planted: May 21, 2002 Harvested: October 31, 2002

Table 5. Clarksdale, MS location of the Delta Region Early-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Dubbs Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
PM 1218BG/RR	1684	1	36.69	13	12.27	3	1.15	12	83.40	26	28.13	19	8.00	25	4.80	5
OA-87	1655	2	36.91	11	10.23	28	1.08	37	82.83	34	26.80	30	8.03	24	4.30	28
OA-90	1629	3	38.76	3	10.00	33	1.15	20	84.30	6	27.87	22	7.97	27	4.83	3
DPL X99X35	1622	4	39.25	2	10.07	31	1.15	17	84.03	11	28.47	17	8.03	23	4.80	4
SG 215BG/RR	1541	5	35.09	31	10.07	32	1.11	33	83.57	21	25.97	35	8.50	8	4.27	29
ST 4892BR	1530	6	37.81	6	11.03	10	1.13	24	83.43	24	28.80	13	8.07	22	4.27	30
ST 4793R	1521	7	37.57	7	11.03	11	1.12	28	84.13	9	29.20	10	8.23	14	4.63	12
BXN 49B (ST X0001)	1495	8	35.95	19	11.13	9	1.15	13	83.60	20	25.63	37	7.63	34	4.10	34
PH98M-2983	1491	9	38.04	5	10.57	18	1.13	26	83.93	14	28.67	15	8.60	5	4.57	14
FM 958 BG (E 6478)	1462	10	36.34	15	11.40	6	1.17	4	84.50	3	33.00	1	7.90	29	4.07	35
DP 451B/RR	1453	11	33.00	35	10.17	30	1.14	21	83.03	31	27.27	26	7.77	32	4.10	33
SG 747	1426	12	35.69	26	10.33	26	1.12	31	82.83	33	26.27	34	8.43	9	4.57	15
Syngenta N2429	1411	13	35.93	21	11.50	4	1.16	10	84.73	2	30.37	3	8.87	1	4.83	2
DP 555BG/RR	1408	14	40.32	1	7.90	37	1.16	8	82.53	36	28.93	11	7.53	37	4.43	22
MISCOT 8806	1395	15	35.83	22	10.97	13	1.16	7	84.07	10	29.30	7	8.63	3	4.53	17
Sure-Grow 521R	1392	16	35.73	25	10.23	29	1.09	36	83.53	22	26.33	32	8.57	7	4.40	23
Sure-Grow 501BR	1372	17	34.37	32	10.53	21	1.11	34	83.40	27	27.97	21	8.57	6	4.50	18
PSC 355	1334	18	36.11	17	11.33	7	1.16	9	84.40	4	29.27	8	8.80	2	5.07	1
DES 816	1332	19	35.55	28	11.47	5	1.16	11	84.30	5	29.93	4	8.30	12	4.67	8
MISCOT 8839	1304	20	35.25	30	11.00	12	1.17	5	84.17	7	27.47	25	8.23	16	4.73	6
St BXN 47	1300	21	36.82	12	10.57	20	1.14	22	84.03	12	27.83	23	8.23	15	4.67	9
OA-89	1273	22	36.06	18	10.30	27	1.12	32	83.63	18	27.60	24	8.30	13	4.57	16
PM 1199RR	1262	23	35.93	20	10.77	16	1.14	23	83.87	16	29.23	9	8.17	18	4.47	20
ST 457 (STX8M007)	1257	24	37.19	9	10.33	25	1.12	30	83.77	17	26.40	31	8.63	4	4.67	7
RGC2002	1236	25	35.65	27	10.87	14	1.12	29	83.47	23	27.00	27	8.17	19	4.30	27
RGC2001	1226	26	35.77	24	10.83	15	1.15	15	83.23	29	28.73	14	8.33	11	4.60	13
DP 20B	1222	27	32.55	36	10.37	24	1.18	2	83.40	25	26.33	33	7.97	28	4.03	36
DES 607	1215	28	37.46	8	10.57	19	1.15	16	83.93	13	26.90	28	8.00	26	4.40	24
FM 966	1191	29	36.92	10	12.53	1	1.18	1	85.20	1	32.87	2	7.53	36	4.27	31
Sure-Grow 105	1188	30	35.27	29	10.43	22	1.15	14	83.87	15	28.63	16	8.13	21	4.37	26
DP 458 BR	1186	31	36.17	16	8.50	36	1.15	18	83.03	30	28.20	18	7.83	31	4.23	32
DES 810	1182	32	33.99	33	10.40	23	1.15	19	83.33	28	28.87	12	8.13	20	4.47	21
Texas 28R	1126	33	36.65	14	9.77	35	1.18	3	83.60	19	27.97	20	7.63	33	4.67	11
DP 436RR	1111	34	31.96	37	10.63	17	1.13	25	82.97	32	25.80	36	8.43	10	4.37	25
AP 7115	1105	35	35.80	23	9.97	34	1.13	27	82.43	37	26.83	29	7.57	35	3.87	37
FM 958	1071	36	38.65	4	11.20	8	1.16	6	84.17	8	29.33	6	7.87	30	4.50	19
All Tex Atlas	935	37	33.49	34	12.30	2	1.10	35	82.73	35	29.73	5	8.17	17	4.67	10

MEAN	1339	36.10	10.60	1.14	83.70	28.20	8.20	4.50
LSD (0.10)	140.60	1.00	0.60	0.03	1.00	1.80	0.50	0.30
CV (%)	11.00	2.00	4.20	2.00	0.90	4.80	4.50	5.00
R-SQUARE	0.75	0.90	0.86	0.63	0.52	0.73	0.59	0.67
REPS	6	3	3	3	3	3	3	3

Shaded values not significantly different from highest value.

Planted: May 16, 2002 Harvested: November 12, 2002

Table 6. Rolling Fork, MS location of the Delta Region Early-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Commerce Very Fine Sandy Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
OA-90	1338	1	41.34	1	9.47	31	1.12	22	84.00	32	28.53	30	8.30	27	5.03	1
FM 958 BG (E 6478)	1266	2	37.59	10	9.77	27	1.15	9	85.17	8	34.03	2	8.03	32	4.23	37
SG 747	1242	3	37.35	14	10.53	8	1.13	16	84.67	20	27.63	36	8.50	19	4.83	7
PM 1218BG/RR	1230	4	38.20	6	10.03	19	1.09	34	84.53	22	27.93	34	8.30	28	4.70	16
OA-87	1219	5	36.55	23	9.63	28	1.06	37	83.50	35	27.73	35	8.50	18	4.70	15
Syngenta N2429	1197	6	36.76	21	10.67	6	1.16	5	85.80	1	32.17	6	9.03	2	4.93	3
Sure-Grow 105	1189	7	36.95	19	10.43	10	1.12	18	85.50	3	31.17	11	8.70	5	4.83	5
ST 4892BR	1170	8	37.94	9	10.57	7	1.11	29	84.20	28	30.43	13	8.17	31	4.73	12
DPL X99X35	1160	9	41.01	2	9.07	34	1.12	17	84.50	23	29.77	21	8.63	10	4.87	4
PSC 355	1098	10	36.87	20	10.00	22	1.14	12	84.80	16	31.27	10	9.13	1	4.57	25
DES 816	1097	11	36.18	27	10.73	5	1.15	7	85.33	5	32.90	3	8.70	4	4.63	19
BXN 49B (ST X0001)	1096	12	37.01	16	10.90	3	1.11	24	84.20	27	29.83	19	8.37	22	4.50	30
PH98M-2983	1088	13	38.90	4	9.23	33	1.12	23	84.53	21	29.87	18	8.43	20	4.73	10
MISCOT 8806	1082	14	36.95	18	10.43	9	1.16	4	85.30	6	31.77	8	8.63	9	4.70	14
DP 555BG/RR	1077	15	39.97	3	8.13	37	1.15	10	83.40	36	29.93	17	7.20	37	4.30	36
Sure-Grow 501BR	1072	16	36.28	25	10.40	11	1.10	33	84.97	14	30.20	15	8.70	6	4.83	6
FM 958	1065	17	38.18	8	10.23	15	1.18	1	84.43	24	32.17	7	7.43	36	4.73	13
FM 966	1062	18	38.19	7	11.10	1	1.17	3	85.17	7	35.53	1	7.77	33	4.63	22
ST 457 (STX8M007)	1059	19	36.71	22	10.00	23	1.14	14	84.70	19	29.77	20	8.93	3	4.50	28
St BXN 47	1044	20	37.41	13	9.53	30	1.15	6	85.67	2	32.57	5	8.17	30	4.60	24
MISCOT 8839	1041	21	35.94	29	10.20	18	1.18	2	84.97	13	29.30	24	7.77	34	4.70	17
Texas 28R	1028	22	38.51	5	8.47	36	1.14	13	84.30	25	28.97	27	7.77	35	5.03	2
SG 215BG/RR	1027	23	35.58	31	10.03	21	1.07	36	84.20	29	28.13	32	8.50	17	4.47	32
AP 7115	1025	24	37.01	17	10.03	20	1.10	30	84.07	31	29.43	23	8.30	26	4.50	31
DES 810	1004	25	34.32	33	9.90	25	1.12	20	84.77	17	30.67	12	8.50	14	4.30	35
OA-89	1003	26	35.50	32	9.30	32	1.10	31	83.37	37	29.17	25	8.70	7	4.50	29
Sure-Grow 521R	992	27	36.01	28	9.90	24	1.09	35	84.13	30	28.43	31	8.43	21	4.57	26
ST 4793R	983	28	37.26	15	10.20	17	1.12	19	85.07	10	30.33	14	8.53	12	4.63	20
RGC2001	953	29	37.57	11	9.80	26	1.12	21	85.00	11	29.97	16	8.50	15	4.73	9
DP 20B	949	30	33.22	37	10.30	13	1.15	8	84.83	15	27.97	33	8.37	24	4.37	33
RGC2002	936	31	35.82	30	9.57	29	1.11	25	85.00	12	28.73	29	8.63	11	4.33	34
DP 436RR	920	32	33.58	36	10.23	16	1.11	28	84.73	18	26.83	37	8.30	29	4.63	21
PM 1199RR	899	33	36.52	24	10.27	14	1.13	15	85.37	4	31.33	9	8.50	13	4.77	8
DES 607	884	34	37.57	12	10.80	4	1.14	11	85.07	9	28.97	26	8.50	16	4.53	27
DP 451B/RR	862	35	34.11	35	10.37	12	1.11	27	83.70	34	28.97	28	8.37	23	4.67	18
DP 458 BR	715	36	36.26	26	8.67	35	1.11	26	83.77	33	29.63	22	8.30	25	4.73	11
All Tex Atlas	598	37	34.17	34	11.00	2	1.10	32	84.30	26	32.67	4	8.63	8	4.60	23
MEAN	1045		36.90		10.00		1.13		84.60		30.10		8.40		4.60	
LSD (0.10)	131.00		1.20		1.00		0.03		0.80		2.10		0.30		0.30	
CV	13.20		2.30		7.20		1.80		0.73		5.10		2.90		4.20	
R-SQUARE	0.61		0.87		0.58		0.75		0.66		0.72		0.81		0.60	
REPS	6		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 1, 2002 Harvested: October 2, 2002

Table 7. Tribbet, MS location of the Delta Region Early-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Forestdale Silty Clay Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
OA-87	1025	1	39.88	9	9.30	26	4.75	17	1.02	37	83.47	31	27.97	31	8.63	10	4.50	29
FM 966	894	2	39.15	14	9.73	12	5.53	3	1.13	1	84.90	2	33.87	2	7.67	34	4.53	28
FM 958 BG (E 6478)	891	3	38.47	19	10.23	5	4.56	24	1.11	7	84.63	6	33.40	3	7.63	35	4.23	35
FM 958	869	4	40.35	4	10.50	2	5.08	7	1.13	3	84.37	10	31.43	8	7.47	36	4.83	15
DP 555BG/RR	860	5	41.71	3	7.60	37	4.36	35	1.09	17	82.83	37	27.17	37	7.13	37	4.10	37
ST 4892BR	860	6	38.39	21	9.13	29	5.13	6	1.06	26	84.70	4	31.37	9	8.63	8	4.70	20
SG 747	851	7	40.31	5	9.80	10	4.58	23	1.08	20	83.90	22	27.73	35	8.43	20	4.97	8
Syngenta N2429	842	8	39.70	11	10.27	4	4.91	11	1.10	9	85.37	1	34.03	1	9.20	3	4.97	7
Sure-Grow 521R	828	9	37.47	27	8.50	35	4.50	27	1.05	32	83.40	33	27.83	33	8.57	13	4.30	34
BXN 49B (ST X0001)	814	10	36.89	29	10.13	7	4.83	13	1.10	10	84.20	14	30.03	20	8.17	26	4.70	22
OA-89	812	11	39.05	15	9.00	31	4.75	15	1.04	35	83.07	36	30.53	16	9.03	4	5.07	3
ST 4793R	770	12	40.03	7	9.57	21	4.43	32	1.06	28	83.17	35	30.53	15	8.50	14	4.90	10
RGC2002	769	13	38.27	24	9.17	27	4.75	16	1.06	27	83.83	25	30.10	19	8.50	15	4.70	21
PSC 355	763	14	37.90	25	9.67	15	4.62	20	1.10	12	84.67	5	32.07	5	9.27	1	4.83	14
Sure-Grow 501BR	760	15	36.74	30	9.60	19	5.53	2	1.05	29	84.43	8	31.30	10	8.83	5	4.73	17
OA-90	753	16	42.06	2	9.57	20	4.38	34	1.07	21	83.53	28	28.63	25	8.10	27	5.07	5
MISCOT 8806	749	17	38.33	23	9.37	24	4.47	29	1.09	16	84.40	9	30.13	18	8.73	6	4.73	18
PH98M-2983	747	18	39.90	8	9.63	16	4.46	30	1.07	22	83.40	32	29.20	22	8.30	23	4.57	27
St BXN 47	746	19	38.72	16	9.60	18	5.02	8	1.08	19	84.20	15	30.43	17	8.03	29	4.80	16
DP 458 BR	736	20	38.33	22	8.63	33	4.06	37	1.07	25	83.53	29	29.90	21	8.03	30	4.87	12
Texas 28R	735	21	39.77	10	8.53	34	4.87	12	1.11	5	84.33	11	28.07	30	7.90	32	4.87	13
SG 215BG/RR	719	22	37.02	28	9.80	11	4.39	33	1.03	36	83.97	20	28.13	29	8.57	12	4.50	30
DPL X99X35	700	23	42.87	1	9.50	23	4.45	31	1.05	33	83.47	30	28.73	24	8.43	19	4.90	11
PM 1218BG/RR	687	24	40.27	6	10.40	3	5.00	9	1.04	34	83.33	34	27.87	32	8.30	24	5.23	1
Sure-Grow 105	684	25	39.55	13	9.67	14	4.51	26	1.07	24	84.33	13	30.97	12	8.57	11	5.03	6
DP 436RR	679	26	35.50	35	10.00	9	4.79	14	1.10	11	84.03	19	28.57	27	8.50	16	5.10	2
ST 457 (STX8M007)	679	27	38.52	18	9.13	28	4.60	22	1.09	15	84.33	12	31.03	11	9.23	2	4.70	19
MISCOT 8839	663	28	35.56	34	9.53	22	4.67	18	1.13	2	84.70	3	29.10	23	8.03	31	4.37	32
DP 20B	652	29	36.15	31	9.70	13	4.67	19	1.11	6	83.83	23	27.70	36	8.50	17	4.63	24
AP 7115	634	30	37.47	26	9.07	30	4.48	28	1.10	13	83.83	24	28.30	28	8.10	28	4.33	33
DES 816	626	31	36.10	32	8.83	32	5.71	1	1.07	23	83.60	26	31.90	6	8.37	21	4.57	26
RGC2001	615	32	38.44	20	10.13	6	4.93	10	1.12	4	84.07	18	30.70	13	8.43	18	5.07	4
DES 607	598	33	39.60	12	9.33	25	4.62	21	1.09	18	84.13	17	28.57	26	8.63	9	4.57	25
DP 451B/RR	578	34	33.54	37	8.50	36	4.25	36	1.10	14	83.57	27	27.80	34	7.83	33	4.10	36
DES 810	553	35	35.97	33	10.00	8	4.51	25	1.05	31	83.93	21	32.97	4	8.63	7	4.67	23
PM 1199RR	499	36	38.64	17	9.63	17	5.38	4	1.05	30	84.60	7	31.67	7	8.37	22	4.93	9
All Tex Atlas	440	37	34.79	36	10.80	1	5.13	5	1.10	8	84.17	16	30.57	14	8.23	25	4.43	31
MEAN	731		38.40		9.50		4.70		1.08		84.00		30.00		8.40		4.70	
LSD (0.10)	130		1.80		1.00		0.80		0.03		1.00		1.50		0.40		0.50	
CV (%)	18.60		3.40		8.10		12.00		1.90		0.90		3.70		3.10		7.60	
R-SQUARE	0.63		0.80		0.52		0.40		0.80		0.52		0.82		0.84		0.51	
REPS	6		3		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 8, 2002 Harvested: October 21, 2002

Table 8. Stoneville, MS location of the Delta Region Mid-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Bosket Very Fine Sandy Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
ST 5599BR	1498	1	39.30	7	10.63	3	5.65	2	1.13	16	84.13	24	32.93	12	8.40	16	4.90	15
DP 555BG/RR	1464	2	41.20	2	8.07	27	4.89	19	1.12	18	83.70	27	30.70	20	7.50	27	4.80	24
OA-88	1446	3	39.00	8	10.00	11	4.91	18	1.13	13	85.53	6	28.90	26	8.63	13	5.00	9
OA-87	1437	4	40.34	4	10.50	5	4.93	16	1.07	27	84.53	17	30.60	21	8.70	7	5.10	3
DP 491	1392	5	40.61	3	9.63	16	6.01	1	1.21	1	85.43	8	33.37	10	8.17	23	4.80	23
OA-85	1382	6	41.43	1	9.13	22	4.76	23	1.11	23	83.87	26	31.90	16	8.30	19	4.87	19
ST 580	1378	7	38.72	11	9.87	14	4.97	14	1.11	22	84.03	25	29.77	23	8.63	12	5.07	5
DP 565	1377	8	37.91	19	9.23	19	4.65	24	1.16	5	85.33	9	32.07	15	8.63	11	4.87	16
DP448B	1366	9	37.73	20	9.17	21	5.03	10	1.14	10	85.03	13	30.80	18	8.23	21	5.00	10
ST 5303R	1352	10	38.25	15	10.27	6	5.32	8	1.11	21	85.83	4	36.27	3	8.90	2	5.23	2
SG 747	1345	11	39.68	5	10.07	9	5.25	9	1.12	19	85.85	3	29.05	25	8.80	3	5.35	1
DP 5415RR	1319	12	38.99	9	8.13	26	4.54	26	1.11	20	85.23	10	29.73	24	8.67	9	5.03	7
FM 966	1315	13	38.69	12	11.87	1	5.49	3	1.14	9	85.57	5	39.03	1	8.17	22	4.93	12
USG Exp 555	1299	14	36.99	21	10.07	10	5.01	11	1.14	7	84.50	18	29.97	22	8.17	24	4.73	25
DeltaPEARL	1282	15	39.63	6	8.70	24	4.84	21	1.16	4	84.37	19	32.13	14	7.57	26	5.07	6
DP 655B/RR	1279	16	35.39	26	9.20	20	4.86	20	1.14	8	84.30	22	33.83	8	8.23	20	4.53	26
PSC 355	1278	17	38.04	18	10.13	8	4.99	13	1.10	24	85.17	11	32.43	13	9.60	1	5.07	4
USG Exp 710	1269	18	38.29	14	9.63	17	4.92	17	1.09	26	84.37	21	30.73	19	8.70	6	4.97	11
Texas 24R	1268	19	38.24	16	8.73	23	5.00	12	1.10	25	84.23	23	31.53	17	8.70	5	4.90	13
DP 458B/RR	1266	20	38.12	17	8.67	25	4.57	25	1.13	14	84.37	20	33.27	11	8.73	4	5.00	8
NuCOTN 35B	1247	21	35.54	25	9.60	18	5.46	4	1.13	11	85.47	7	33.50	9	8.30	18	4.83	22
FM 989 BR	1243	22	38.48	13	10.23	7	5.38	7	1.12	17	84.87	15	34.73	6	8.43	15	4.87	18
GC 271	1236	23	35.99	23	9.77	15	4.49	27	1.17	3	86.07	2	35.17	5	8.67	8	4.90	14
DP 5690RR	1159	24	35.56	24	9.97	12	4.79	22	1.13	15	85.10	12	34.30	7	8.37	17	4.83	21
USG Exp 650	1153	25	35.37	27	9.97	13	4.95	15	1.15	6	84.63	16	28.67	27	8.50	14	4.87	17
FM 989 R	1121	26	38.88	10	10.60	4	5.42	6	1.13	12	84.90	14	38.00	2	8.63	10	4.83	20
Texas 245	1096	27	36.72	22	10.83	2	5.44	5	1.20	2	86.10	1	36.03	4	8.10	25	4.40	27
MEAN	1306		38.30		9.70		5.10		1.13		84.90		32.60		8.50		4.90	
LSD (0.10)	119		1.67		0.79		0.56		2.95		0.81		2.10		0.38		0.31	
CV (%)	9.50		3.20		5.90		8.10		1.71		0.69		4.70		3.20		4.51	
R-SQUARE	0.52		0.77		0.77		0.55		0.79		0.67		0.83		0.78		0.51	
REPS	6		3		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 14, 2002 Harvested: October 22, 2002

Table 9. Tunica, MS location of the Delta Region Mid-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Sandy Loam Soil.

NAME	Lint Yield		Lint Percentage		Seed Index		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
ST 5599BR	1508	1	38.8	11	11.33	5	1.16	6	84.20	8	30.10	14	7.63	21	4.77	17
DP448B	1446	2	36.8	22	9.70	21	1.13	16	83.33	23	27.23	25	7.40	26	4.60	25
OA-87	1401	3	40.3	5	11.10	6	1.07	27	83.73	15	28.07	23	8.50	3	4.93	9
OA-88	1388	4	39.8	6	10.47	13	1.12	24	83.83	12	27.20	26	8.43	4	5.10	5
SG 747	1345	5	39.6	7	10.20	15	1.13	14	84.53	7	27.73	24	8.57	2	5.20	3
NuCOTN 35B	1303	6	36.4	24	10.67	10	1.15	9	83.70	16	32.13	8	7.67	20	4.67	22
ST 5303R	1303	7	37.4	17	10.80	8	1.11	25	84.70	5	33.27	4	8.30	5	4.60	24
DeltaPEARL	1266	8	40.7	3	10.07	17	1.17	4	84.03	10	30.60	12	7.40	25	5.10	6
DP 565	1262	9	38.1	15	9.13	23	1.15	12	84.07	9	30.00	15	7.77	18	4.67	21
DP 655B/RR	1227	10	35.9	25	9.87	20	1.15	11	83.47	19	32.07	9	7.40	24	4.53	26
ST 580	1221	11	37.2	19	10.00	18	1.13	17	83.20	25	30.20	13	8.23	7	4.93	10
OA-85	1203	12	41.3	2	9.37	22	1.12	20	82.87	27	29.17	17	7.63	22	4.77	18
FM 989 BR	1197	13	37.2	20	11.70	3	1.16	5	83.83	11	32.70	6	7.90	13	4.67	20
DP 458B/RR	1197	14	38.5	12	8.93	24	1.11	26	83.50	18	28.80	20	7.83	14	4.90	11
Texas 24R	1187	15	38.9	10	8.73	25	1.12	22	83.13	26	29.13	18	8.03	11	4.87	12
DP 5415RR	1177	16	39.2	9	8.63	26	1.12	23	83.47	21	28.87	19	8.30	6	5.03	7
DP 555BG/RR	1171	17	42.0	1	7.93	27	1.15	8	83.43	22	28.30	22	7.20	27	5.13	4
DP 491	1127	18	40.6	4	9.93	19	1.21	1	84.63	6	32.27	7	7.70	19	4.87	13
USG Exp 650	1115	19	36.4	23	10.17	16	1.13	15	83.47	20	27.03	27	7.80	16	4.73	19
PSC 355	1092	20	38.3	13	10.97	7	1.12	19	84.77	3	31.73	10	9.10	1	5.27	1
USG Exp 710	1088	21	37.8	16	11.77	1	1.12	21	83.80	13	29.37	16	8.23	8	5.27	2
GC 271	1083	22	35.5	27	10.60	12	1.19	3	84.73	4	31.40	11	8.10	10	4.77	16
USG Exp 555	1044	23	36.9	21	10.70	9	1.13	18	83.33	24	28.53	21	7.83	15	4.80	14
FM 966	1020	24	39.3	8	11.70	2	1.15	7	84.97	2	37.80	1	7.90	12	5.00	8
FM 989 R	1012	25	38.2	14	10.60	11	1.14	13	83.73	14	33.57	3	7.77	17	4.43	27
DP 5690RR	937	26	35.6	26	10.33	14	1.15	10	83.60	17	32.73	5	8.10	9	4.77	15
Texas 245	933	27	37.3	18	11.67	4	1.20	2	85.13	1	33.83	2	7.57	23	4.63	23
MEAN	1195		38.30		10.30		1.14		83.90		30.50		7.90		4.90	
LSD (0.10)	166		1.12		0.73		0.02		0.76		1.18		0.31		0.30	
CV (%)	14.50		2.10		5.20		1.34		0.66		2.80		2.80		4.50	
R-SQUARE	0.48		0.87		0.85		0.85		0.65		0.93		0.86		0.64	
REPS	6		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 21, 2002 Harvested: October 31, 2002

Table 10. Clarksdale, MS location of the Delta Region Mid-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Dubbs Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
ST 5599BR	1535	1	37.31	10	11.17	3	1.14	11	83.33	20	29.60	10	7.63	9	4.47	6
OA-87	1281	2	37.33	8	10.80	7	1.06	27	83.23	21	25.50	25	7.77	5	4.57	4
OA-85	1243	3	41.97	1	9.03	21	1.12	22	83.13	24	28.67	13	7.57	15	4.43	7
PSC 355	1182	4	35.83	16	11.17	4	1.13	13	84.93	1	28.27	16	8.77	1	4.83	1
DP 555BG/RR	1172	5	40.89	2	8.13	27	1.15	7	83.07	25	29.37	11	7.20	24	4.40	12
OA-88	1167	6	36.61	14	10.40	12	1.11	23	84.23	6	24.63	26	7.60	11	4.40	10
SG 747	1128	7	36.93	13	10.00	14	1.10	24	83.63	15	24.57	27	7.77	6	4.77	2
ST 5303R	1057	8	34.64	25	10.53	10	1.10	25	84.00	10	30.77	4	7.57	13	4.40	11
FM 989 BR	1054	9	35.60	17	11.40	2	1.14	8	83.17	22	30.77	5	7.37	23	4.13	24
FM 966	1049	10	37.47	7	11.53	1	1.17	5	84.83	2	33.53	1	7.40	20	4.17	21
GC 271	1042	11	34.31	27	10.53	11	1.20	3	84.70	3	30.40	7	7.63	8	4.30	16
DP448B	1039	12	34.95	22	8.80	24	1.12	16	83.37	19	25.93	23	7.17	26	3.90	27
NuCOTN 35B	1038	13	35.28	19	9.87	16	1.14	9	84.03	8	30.90	3	7.50	17	4.33	14
DP 655B/RR	1024	14	35.26	20	9.70	18	1.12	15	83.77	14	30.63	6	7.57	14	4.13	23
DP 458B/RR	1016	15	37.73	6	8.20	26	1.12	21	83.57	17	28.40	14	7.63	10	4.40	9
Texas 24R	1001	16	37.16	11	8.83	23	1.09	26	83.03	26	27.97	17	7.97	3	4.30	15
USG Exp 555	948	17	35.60	18	10.57	9	1.15	6	84.37	4	27.10	20	7.57	16	4.20	19
DP 565	923	18	36.55	15	9.27	20	1.14	12	83.77	13	26.23	21	7.50	18	4.27	17
ST 580	910	19	35.20	21	9.77	17	1.12	18	83.50	18	27.27	19	8.03	2	4.50	5
USG Exp 710	850	20	37.06	12	10.83	6	1.12	17	83.57	16	27.43	18	7.70	7	4.70	3
DP 491	815	21	39.49	3	10.60	8	1.23	1	84.17	7	28.33	15	7.00	27	4.20	20
FM 989 R	812	22	37.31	9	9.97	15	1.14	10	83.93	11	30.40	8	7.40	21	4.00	25
DeltaPEARL	810	23	38.26	4	8.93	22	1.20	2	84.23	5	28.77	12	7.43	19	4.43	8
DP 5415RR	752	24	37.82	5	8.20	25	1.12	20	83.90	12	26.13	22	7.77	4	4.37	13
Texas 245	733	25	34.69	24	11.07	5	1.20	4	84.00	9	29.77	9	7.17	25	3.93	26
DP 5690RR	716	26	34.93	23	9.53	19	1.12	19	82.93	27	31.93	2	7.57	12	4.23	18
USG Exp 650	700	27	34.54	26	10.17	13	1.13	14	83.13	23	25.63	24	7.40	22	4.17	22
MEAN	1000		36.70		10.00		1.14		83.80		28.40		7.60		4.30	
LSD (0.10)	142		1.10		0.64		0.02		0.90		2.03		0.34		0.22	
CV (%)	14.80		2.20		4.70		1.60		0.80		5.20		3.30		3.70	
R-SQUARE	0.74		0.89		0.87		0.87		0.53		0.79		0.73		0.76	
REPS	6		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 16, 2002 Harvested: November 12, 2002

Table 11. Rolling Fork, MS location of the Delta Region Mid-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Commerce Very Fine Sandy Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	-%-	Rank	g	Rank	in	Rank	-%-	Rank	g tex	Rank	EL	Rank	MIC	Rank
SG 747	1263	1	37.35	9	10.13	9	1.13	13	84.60	11	27.40	24	8.43	6.0	4.87	1
OA-87	1210	2	36.52	14	10.00	12	1.02	27	83.67	26	28.40	22	8.43	5.0	4.60	10
ST 5599BR	1209	3	37.02	10	10.43	2	1.16	5	83.73	21	30.97	11	7.63	22.0	4.37	25
OA-88	1188	4	35.30	20	9.77	17	1.11	22	84.67	8	26.67	26	8.43	7.0	4.70	6
FM 966	1188	5	37.57	8	10.23	5	1.16	7	85.50	2	35.27	1	7.67	21.0	4.53	12
DP 555BG/RR	1177	6	39.99	1	8.93	24	1.14	11	84.33	15	30.23	15	7.33	26.0	4.40	24
PSC 355	1166	7	36.99	11	10.13	10	1.14	10	85.23	5	31.50	5	9.10	1.0	4.80	4
ST 5303R	1155	8	36.93	12	10.17	8	1.10	24	84.67	9	32.83	3	8.30	9.0	4.63	9
DP 491	1149	9	38.83	3	8.77	26	1.23	1	85.37	3	30.40	14	7.50	25.0	4.47	18
DP448B	1094	10	35.54	19	9.00	23	1.13	16	84.07	18	28.17	23	7.83	17.0	4.43	21
OA-85	1084	11	39.45	2	9.50	19	1.11	23	83.87	20	29.30	17	7.63	23.0	4.53	13
GC 271	1084	12	33.70	27	10.63	1	1.20	4	85.97	1	31.83	4	8.10	12.0	4.47	16
DP 565	1065	13	36.15	16	9.77	16	1.16	6	85.20	6	30.60	13	8.03	15.0	4.43	20
DeltaPEARL	1014	14	37.66	5	9.50	20	1.22	2	84.77	7	30.17	16	7.30	27.0	4.43	23
ST 580	994	15	35.20	22	10.00	13	1.13	12	84.53	12	28.83	20	8.43	3.0	4.63	8
FM 989 BR	992	16	35.21	21	10.27	4	1.15	8	84.63	10	31.27	8	8.17	11.0	4.43	19
Texas 24R	992	17	37.63	6	9.37	22	1.10	25	83.70	25	29.00	19	8.50	2.0	4.50	14
USG Exp 555	986	18	35.67	18	9.73	18	1.13	15	83.53	27	27.13	25	8.10	13.0	4.47	17
NuCOTN 35B	979	19	34.16	25	10.07	11	1.13	14	83.70	24	31.37	7	7.70	19.0	4.70	7
USG Exp 650	974	20	35.03	23	10.00	14	1.12	19	83.73	22	26.63	27	7.70	20.0	4.50	15
DP 458B/RR	915	21	36.65	13	8.83	25	1.13	18	84.13	17	30.77	12	8.37	8.0	4.83	2
USG Exp 710	908	22	37.78	4	10.17	7	1.09	26	83.90	19	29.17	18	8.30	10.0	4.83	3
FM 989 R	895	23	35.84	17	10.23	6	1.14	9	84.30	16	34.20	2	7.90	16.0	4.33	26
Texas 245	895	24	34.37	24	10.40	3	1.22	3	85.37	4	31.07	9	7.53	24.0	4.20	27
DP 655B/RR	857	25	33.83	26	9.90	15	1.12	20	83.73	23	31.40	6	7.73	18.0	4.43	22
DP 5415RR	822	26	37.62	7	8.67	27	1.12	21	84.43	13	28.83	21	8.43	4.0	4.73	5
DP 5690RR	808	27	36.30	15	9.47	21	1.13	17	84.37	14	31.03	10	8.03	14.0	4.53	11
MEAN	1039		36.50		9.80		1.14		84.40		30.10		8.00		4.50	
LSD (0.10)	115		1.27		0.89		0.03		0.91		1.33		0.32		0.29	
CV (%)	11.60		2.50		6.60		1.63		0.79		3.20		2.90		4.70	
R-SQUARE	0.60		0.82		0.54		0.89		0.61		0.88		0.83		0.49	
REPS	6		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 1, 2002 Harvested: October 2, 2002

Table 12. Tribbet, MS location of the Delta Region Mid-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Forestdale-like Silty Clay Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
ST 5599BR	954	1	38.45	7	10.37	3	5.52	4	1.13	8	84.13	19	30.07	10	7.70	15	4.73	6
OA-88	917	2	37.67	8	9.47	11	4.78	15	1.09	26	84.20	17	26.63	25	8.50	5	4.60	8
SG 747	916	3	38.52	6	9.63	9	4.47	22	1.13	9	84.83	8	27.67	23	8.23	6	4.77	3
OA-87	860	4	37.38	10	9.73	6	5.43	5	1.04	27	83.30	26	27.47	24	8.50	4	4.73	5
FM 966	827	5	35.46	20	10.60	2	5.62	1	1.17	3	85.40	2	32.67	2	7.37	24	3.77	26
PSC 355	819	6	38.75	4	9.63	8	5.27	7	1.10	23	84.87	7	31.00	8	8.87	1	4.87	1
FM 989 BR	817	7	34.85	24	10.83	1	5.13	10	1.15	5	84.63	9	31.30	7	7.70	14	4.13	23
DP 491	808	8	39.29	3	9.50	10	5.60	2	1.22	1	84.93	4	29.67	11	7.43	22	4.37	15
USG Exp 555	737	9	36.28	13	9.47	12	5.54	3	1.12	18	84.27	16	28.80	18	8.00	10	4.47	12
USG Exp 710	716	10	36.25	14	9.40	13	4.77	16	1.12	15	84.53	11	28.90	14	8.57	2	4.77	2
DP 555BG/RR	713	11	41.03	2	7.20	27	3.86	26	1.12	16	83.33	25	28.90	15	7.27	25	4.10	24
NuCOTN 35B	708	12	35.12	22	9.10	17	4.85	13	1.10	22	83.93	21	28.83	17	7.43	23	4.50	10
Texas 24R	704	13	37.39	9	8.30	21	4.36	24	1.09	24	84.00	20	29.40	13	8.50	3	4.47	11
ST 5303R	699	14	35.65	16	9.40	14	4.58	20	1.09	25	84.50	13	32.33	3	7.97	11	4.27	17
GC 271	694	15	33.66	26	9.87	5	4.61	19	1.14	7	85.10	3	31.97	4	8.10	8	4.67	7
Texas 245	671	16	36.06	15	10.23	4	5.31	6	1.20	2	85.53	1	31.40	5	7.50	21	4.20	20
ST 580	666	17	36.99	11	9.03	18	5.18	8	1.11	21	84.50	12	27.97	22	8.17	7	4.77	4
OA-85	654	18	41.31	1	8.87	20	4.58	21	1.12	19	83.77	22	28.23	21	7.60	18	4.40	13
USG Exp 650	642	19	35.60	19	9.37	15	5.15	9	1.14	6	84.33	14	25.93	27	7.70	16	4.23	19
DP 458B/RR	594	20	35.63	18	7.70	26	4.08	25	1.12	20	84.93	6	29.43	12	8.10	9	4.37	14
DP 5690RR	588	21	34.14	25	8.97	19	4.73	17	1.12	13	84.17	18	31.33	6	7.53	20	4.17	22
DeltaPEARL	582	22	38.64	5	8.03	23	4.37	23	1.16	4	83.60	24	28.60	19	7.20	26	4.30	16
DP 5415RR	557	23	36.73	12	7.80	25	4.79	14	1.12	14	84.27	15	28.83	16	7.97	12	4.57	9
DP448B	550	24	33.15	27	7.83	24	3.75	27	1.12	17	83.13	27	26.10	26	7.20	27	3.53	27
DP 655B/RR	521	25	34.94	23	9.13	16	4.65	18	1.13	11	83.73	23	30.63	9	7.60	17	4.17	21
FM 989 R	470	26	35.23	21	9.73	7	4.95	12	1.12	12	84.53	10	32.90	1	7.57	19	4.00	25
DP 565	460	27	35.64	17	8.07	22	5.12	11	1.13	10	84.93	5	28.30	20	7.87	13	4.27	18
MEAN	698		36.70		9.20		4.90		1.13		84.30		29.50		7.90		4.40	
LSD (0.10)	197		2.08		0.55		0.93		0.03		0.96		1.29		0.34		0.46	
CV (%)	29.50		4.10		4.40		14.00		1.66		0.83		3.20		3.15		7.70	
R-SQUARE	0.42		0.73		0.90		0.49		0.83		0.56		0.88		0.85		0.61	
REPS	6		3		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 8, 2002 Harvested: October 21, 2002

Table 13. Averages for lint yield and fiber quality traits over locations in the Hill Region Early-Maturity Test in the 2002 Mississippi Official Cotton Variety Trials.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	g	Rank	in	Rank	-%-	Rank	g tex	Rank	EL	Rank	MIC	Rank
OA-87	1286	1	41.82	4	9.98	24	5.42	9	1.03	30	83.02	30	28.34	28	8.52	10	4.800	16
FM 958 BG (E 6478)	1227	2	40.83	7	10.45	8	5.76	2	1.13	9	83.63	24	33.86	1	7.97	26	4.413	30
Syngenta N2429	1194	3	39.66	17	10.68	1	4.97	25	1.12	13	84.64	1	32.33	4	9.18	1	4.963	6
DP 555BG/RR	1190	4	42.10	2	8.90	30	4.79	28	1.13	8	83.24	28	29.49	20	7.60	30	4.638	25
SG 215BG/RR	1161	5	39.65	19	10.24	16	5.62	6	1.06	28	83.48	26	28.04	30	8.69	5	5.000	4
DPL X99X35	1120	6	42.48	1	9.15	29	5.19	17	1.11	20	83.71	23	29.92	17	8.18	21	4.888	13
PSC 355	1077	7	40.16	13	10.04	23	4.65	30	1.11	15	84.33	5	31.39	7	8.92	3	4.913	11
PM 1218BG/RR	1076	8	40.92	6	10.65	3	5.71	4	1.07	27	83.11	29	29.33	21	8.29	18	4.906	12
BXN 49B (ST X0001)	1064	9	39.65	18	10.41	11	5.71	3	1.13	6	83.82	20	29.03	23	8.08	22	4.575	27
PH98M-2983	1061	10	41.95	3	9.69	27	5.25	15	1.10	22	83.88	19	30.52	15	8.38	14	4.775	20
ST 4892BR	1061	11	40.77	8	10.12	22	5.39	10	1.10	24	83.98	15	30.94	12	8.39	13	4.963	7
SG 747	1056	12	40.62	10	9.97	25	5.57	8	1.11	19	83.93	16	28.25	29	8.57	8	5.063	1
Sure-Grow 105	1052	13	39.80	16	10.62	4	5.18	18	1.14	3	84.54	3	30.94	10	8.42	12	4.931	10
MISCOT 8839	1051	14	38.77	23	10.51	7	5.23	16	1.14	4	84.26	6	29.87	18	8.07	23	4.800	17
Sure-Grow 501BR	1049	15	38.63	25	10.26	15	5.16	19	1.09	25	84.06	11	30.94	11	8.74	4	4.944	9
AP 7115	1024	16	39.37	21	10.15	18	5.37	11	1.11	18	83.26	27	28.98	24	8.04	24	4.606	26
Sure-Grow 521R	1021	17	39.46	20	10.14	21	5.25	14	1.06	29	83.92	18	29.71	19	8.64	6	4.831	14
FM 958	1018	18	40.63	9	10.66	2	5.63	5	1.15	2	84.23	7	32.73	2	7.65	29	4.656	23
DES 816	1011	19	39.23	22	10.57	5	5.58	7	1.11	14	83.79	21	32.04	5	8.58	7	4.825	15
ST 4793R	996	20	40.57	11	10.31	13	5.34	12	1.08	26	83.61	25	30.78	14	8.36	15	4.963	8
Texas 28R	983	21	40.10	14	9.35	28	5.28	13	1.13	7	84.01	14	29.21	22	7.84	28	4.988	5
ST 457 (STX8M007)	983	22	39.91	15	9.70	26	5.04	21	1.11	17	83.79	22	31.08	9	9.18	2	4.788	18
MISCOT 8806	980	23	38.70	24	10.15	19	4.90	27	1.12	12	84.43	4	32.47	3	8.56	9	4.788	19
PM 1199RR	973	24	40.26	12	10.17	17	4.98	24	1.11	16	84.59	2	31.21	8	8.21	20	5.006	3
ST 474	963	25	41.53	5	10.38	12	4.97	26	1.10	23	84.05	12	30.11	16	8.35	16	5.013	2
DP 20B	959	26	36.89	28	10.30	14	4.99	23	1.14	5	83.93	17	28.97	25	8.27	19	4.725	22
DP 451B/RR	953	27	36.51	29	10.45	9	5.01	22	1.12	10	84.07	10	28.89	26	8.01	25	4.763	21
DES 810	942	28	37.46	27	10.15	20	4.66	29	1.11	21	84.13	9	31.89	6	8.50	11	4.569	28
Texas 295	937	29	38.33	26	10.54	6	6.23	1	1.17	1	84.03	13	30.79	13	7.85	27	4.444	29
DP 436RR	924	30	35.67	30	10.43	10	5.14	20	1.12	11	84.19	8	28.57	27	8.31	17	4.638	24

Mean	1046	39.75	10.17	5.26	1.11	83.92	30.35	8.35	4.81
LSD (0.10)	69	0.80	0.43	0.38	0.01	0.44	0.72	0.17	0.151
CV(%)	15	3.44	6.57	10.66	2.28	0.90	4.05	3.53	5.36
R-SQUARE	0.70	0.78	0.65	0.63	0.78	0.69	0.82	0.77	0.83
REPS	28	16	13	12	16	16	16	16	16

Shaded values not significantly different from highest value

Table 14. Averages for lint yield and fiber quality traits over locations in the Hill Region Mid-Maturity Test in the 2002 Mississippi Official Cotton Variety Trials.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	-%-	Rank	g	Rank	g	Rank	in	Rank	-%-	Rank	g tex	Rank	EL	Rank	MIC	Rank
OA-87	1260	1	40.47	6	10.19	9	5.21	11	1.05	24	82.71	24	28.39	24	8.44	5	4.72	10
DP 555BG/RR	1247	2	42.53	2	9.01	22	5.45	8	1.14	9	83.35	20	29.89	19	7.44	24	4.64	13
ST 5599BR	1203	3	40.61	5	10.63	4	5.58	5	1.12	20	83.34	21	30.57	16	7.85	18	4.88	4
DP 491	1179	4	41.81	3	9.89	12	5.47	7	1.19	3	84.07	9	32.32	9	7.83	19	4.60	15
NuCOTN 35B	1135	5	37.82	20	9.96	11	5.58	6	1.13	12	83.62	17	33.22	6	7.88	16	4.56	18
PSC 355	1113	6	40.39	7	10.49	7	4.96	19	1.12	18	84.42	4	31.62	11	9.03	1	4.91	3
FM 832 B	1112	7	39.53	10	10.74	3	6.59	1	1.19	4	85.37	2	33.51	3	7.92	12	4.30	23
ST 5303R	1104	8	39.56	9	10.15	10	4.88	22	1.10	23	84.32	6	33.78	2	8.34	6	4.80	6
DeltaPEARL	1087	9	40.00	8	9.12	21	4.91	20	1.19	2	84.16	8	31.26	13	7.69	22	4.71	11
FM 989 BR	1061	10	38.73	14	11.10	2	5.20	14	1.12	21	83.22	22	31.52	12	7.92	13	4.53	19
SG 747	1060	11	40.63	4	10.49	6	5.18	15	1.11	22	84.29	7	28.88	22	8.58	2	5.08	1
DP448B	1054	12	38.03	18	9.50	17	5.21	12	1.13	11	83.92	11	29.32	21	7.75	21	4.63	14
FM 966	1052	13	39.40	11	11.24	1	5.86	3	1.15	6	84.40	5	35.05	1	7.89	15	4.59	17
OA-85	1036	14	42.60	1	9.26	20	4.88	23	1.13	15	83.77	14	30.05	18	7.98	10	4.95	2
DP 458B/RR	1031	15	38.56	15	8.88	24	4.90	21	1.12	19	83.54	18	30.17	17	8.21	9	4.84	5
DP 655B/RR	1025	16	37.04	22	9.50	18	5.43	9	1.13	10	83.46	19	32.30	10	7.85	17	4.42	21
DP 565	1006	17	37.99	19	9.30	19	5.11	16	1.16	5	84.01	10	30.78	15	8.24	8	4.68	12
FM 989 R	991	18	39.35	12	10.54	5	5.68	4	1.13	16	83.91	12	33.48	4	7.90	14	4.47	20
ST 580	987	19	38.49	16	9.58	16	5.21	13	1.13	14	83.74	15	30.79	14	8.58	3	4.75	9
GC 271	962	20	36.97	23	9.89	13	4.97	18	1.15	7	84.50	3	32.82	8	8.31	7	4.80	7
FM 832	956	21	38.31	17	10.48	8	5.97	2	1.22	1	85.66	1	33.38	5	7.77	20	4.18	24
DP 5415RR	953	22	39.01	13	9.00	23	5.08	17	1.12	17	83.90	13	29.45	20	8.48	4	4.79	8
DP 5690RR	945	23	37.25	21	9.88	14	5.38	10	1.13	13	83.65	16	32.88	7	7.96	11	4.60	16
Texas 30R	867	24	36.18	24	9.59	15	4.55	24	1.14	8	82.96	23	28.75	23	7.62	23	4.36	22

Mean	1059	39.22	9.93	5.30	1.14	83.93	31.42	8.06	4.66
LSD (0.10)		0.84	0.58	0.53	0.02	0.52	0.90	0.21	0.20
CV(%)	11.88	3.32	7.93	12.70	2.51	0.96	4.41	4.02	6.71
R-SQUARE	0.87	0.83	0.65	0.60	0.80	0.74	0.85	0.75	0.75
REPS	22	13	10	9	13	13	13	13	13

Shaded values not significantly different from highest value

Table 15. Durant, MS location of the Hill Region Early-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on an Oaklimiter Silty Loam Soil.

NAME	Lint Yield		Lint Percent		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	in	Rank	-%-	Rank	g tex	Rank	EL	Rank	MIC	Rank
FM 958 BG (E 6478)	1138	1	41.46	14	6.31	4	1.15	3	84.07	9	30.93	1	7.83	25	4.50	29
OA-87	1136	2	42.10	10	5.55	14	1.03	30	82.53	30	26.33	23	8.50	12	4.97	12
Syngenta N2429	1131	3	40.48	20	4.73	28	1.12	11	84.47	1	30.00	4	9.00	2	4.93	14
DPL X99X35	1096	4	43.45	3	5.28	23	1.11	15	83.73	16	27.07	18	8.03	24	5.00	11
ST 4892BR	1089	5	43.26	4	5.42	18	1.09	23	83.93	13	29.77	5	8.70	6	5.27	1
SG 215BG/RR	1077	6	40.99	17	6.35	3	1.05	29	83.43	24	25.93	25	8.77	5	5.13	9
AP 7115	1035	7	41.35	15	5.96	8	1.10	21	83.57	21	25.90	26	8.37	17	4.97	13
DP 555BG/RR	1013	8	44.98	1	4.65	30	1.14	4	83.03	27	25.87	28	7.20	30	4.77	23
ST 474	984	9	43.76	2	5.37	20	1.11	18	84.03	11	27.50	16	8.37	16	5.20	3
Sure-Grow 521R	973	10	40.50	19	6.00	7	1.07	28	83.57	22	26.93	20	8.70	7	4.90	16
SG 747	971	11	42.66	5	6.06	5	1.11	17	84.03	10	25.57	30	8.57	9	5.27	2
PM 1199RR	964	12	42.31	7	5.47	17	1.10	20	84.30	3	27.67	14	8.10	22	5.17	7
Sure-Grow 501BR	927	13	40.30	21	5.25	24	1.08	26	84.13	6	27.53	15	8.77	4	5.13	8
ST 457 (STX8M007)	920	14	42.16	9	5.81	13	1.10	19	83.70	17	28.60	11	9.67	1	5.17	4
MISCOT 8839	908	15	39.44	24	5.90	10	1.14	6	83.37	25	27.03	19	8.17	21	5.07	10
Texas 28R	902	16	39.96	22	5.29	22	1.12	10	82.90	28	25.63	29	7.53	28	4.90	17
FM 958	883	17	42.27	8	5.88	11	1.16	2	84.10	7	30.17	3	7.43	29	4.77	22
DP 451B/RR	881	18	38.72	26	5.53	15	1.12	9	84.00	12	26.57	22	7.63	27	4.83	20
MISCOT 8806	878	19	39.39	25	5.35	21	1.13	8	84.37	2	30.90	2	8.53	10	4.87	18
BXN 49B (ST X0001)	857	20	41.73	11	6.02	6	1.12	12	83.60	18	27.10	17	8.30	18	4.73	25
PSC 355	849	21	41.22	16	4.69	29	1.10	22	83.83	15	28.27	13	8.87	3	4.90	15
DES 816	845	22	39.80	23	5.92	9	1.14	5	83.87	14	28.97	8	8.50	11	4.73	24
Sure-Grow 105	830	23	41.56	13	5.49	16	1.12	13	84.20	4	28.97	7	8.57	8	5.17	5
PH98M-2983	829	24	42.65	6	5.16	25	1.08	25	83.60	20	28.80	9	8.43	14	4.67	27
DP 436RR	828	25	37.32	29	5.12	26	1.12	14	84.10	8	26.07	24	8.23	20	4.77	21
PM 1218BG/RR	807	26	40.96	18	5.82	12	1.07	27	82.63	29	26.60	21	8.30	19	4.73	26
DES 810	807	27	37.83	28	5.06	27	1.11	16	83.60	19	29.47	6	8.43	13	4.60	28
ST 4793R	799	28	41.68	12	6.48	2	1.08	24	83.30	26	28.33	12	8.43	15	5.17	6
Texas 295	798	29	38.52	27	6.75	1	1.17	1	84.17	5	28.77	10	7.77	26	4.33	30
DP 20B	795	30	37.24	30	5.40	19	1.13	7	83.47	23	25.90	27	8.10	23	4.87	19
MEAN	932		41.00		5.60		1.11		83.72		27.77		8.33		4.92	
LSD (0.10)	151		1.19		1.00		0.02		0.85		1.62		0.38		0.32	
CV (%)	16.93		2.66		13.11		1.48		0.74		4.26		3.32		4.79	
R-SQUARE	0.46		0.82		0.47		0.85		0.51		0.75		0.84		0.61	
REPS	6		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 17, 2002 Harvested: November 23, 2002

Table 16. Mississippi State, MS location of the Hill Region Early-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Marietta Silt Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
Sure-Grow 105	1490	1	39.25	13	10.53	1	5.41	9	1.16	5	85.30	6	31.10	12	8.10	19	4.97	2
OA-87	1423	2	40.08	7	10.00	14	5.63	4	1.04	30	84.23	25	28.57	30	8.63	6	4.73	13
Syngenta N2429	1381	3	38.61	18	10.40	6	5.07	13	1.13	20	85.73	1	32.23	5	9.10	1	5.00	1
PH98M-2983	1288	4	41.19	3	9.97	16	5.58	5	1.16	8	85.67	2	30.53	16	8.20	18	4.67	17
FM 958 BG (E 6478)	1283	5	40.10	6	9.90	18	5.70	2	1.16	7	84.25	24	34.05	1	7.70	25	4.30	29
BXN 49B (ST X0001)	1256	6	38.88	15	10.37	7	5.21	12	1.17	3	85.17	9	28.97	28	7.80	23	4.57	20
AP 7115	1207	7	39.17	14	9.60	25	4.82	20	1.15	12	83.47	30	29.90	20	7.60	27	4.43	26
DES 816	1185	8	38.28	21	10.50	2	5.45	8	1.14	18	84.13	26	32.70	3	8.53	9	4.83	10
ST 4892BR	1181	9	38.45	19	10.10	11	5.53	7	1.14	17	84.83	16	31.77	9	8.30	13	4.93	4
DP 555BG/RR	1180	10	42.18	1	8.23	30	4.51	28	1.16	9	83.60	29	29.33	25	7.33	30	4.17	30
Sure-Grow 501BR	1175	11	37.62	25	10.23	8	4.86	18	1.13	21	85.00	11	31.87	6	8.47	11	4.80	12
Sure-Grow 521R	1157	12	38.39	20	9.70	22	4.86	19	1.09	28	84.70	19	30.13	19	8.53	10	4.63	18
SG 747	1153	13	39.51	11	9.63	24	4.91	17	1.14	19	84.97	12	29.20	26	8.63	5	4.93	3
SG 215BG/RR	1148	14	38.24	22	9.50	27	5.32	10	1.09	29	84.37	22	29.00	27	8.70	4	4.67	15
FM 958	1126	15	40.46	5	10.47	3	5.56	6	1.16	4	84.07	27	32.50	4	7.40	29	4.47	24
ST 4793R	1113	16	39.61	9	10.07	12	5.02	15	1.11	26	84.07	28	30.83	14	8.20	17	4.90	6
PM 1218BG/RR	1109	17	39.55	10	10.43	5	5.66	3	1.09	27	84.50	20	29.83	21	8.10	22	4.57	19
DES 810	1101	18	36.42	27	9.80	19	4.43	29	1.13	23	85.40	4	31.70	10	8.57	8	4.43	25
DPL X99X35	1095	19	42.01	2	8.77	29	4.82	21	1.12	24	84.43	21	30.40	17	8.10	21	4.73	14
MISCOT 8839	1088	20	37.49	26	10.13	10	4.67	24	1.18	2	85.13	10	29.77	23	7.67	26	4.50	23
DP 436RR	1082	21	35.15	29	10.47	4	5.05	14	1.14	15	84.87	13	28.90	29	8.27	14	4.67	16
ST 474	1066	22	40.97	4	9.70	21	4.59	25	1.15	13	84.73	18	30.77	15	8.10	20	4.90	7
ST 457 (STX8M007)	1048	23	38.87	16	9.50	26	4.74	23	1.16	10	85.33	5	31.67	11	8.93	2	4.53	21
DP 20B	1014	24	35.89	28	10.00	15	5.31	11	1.14	14	84.83	15	29.50	24	8.47	12	4.83	11
DP 451B/RR	1003	25	34.89	30	9.97	17	4.16	30	1.14	16	84.87	14	29.80	22	8.23	15	4.40	28
PSC 355	994	26	39.36	12	10.03	13	4.52	26	1.13	22	85.23	8	31.83	8	8.83	3	4.90	5
PM 1199RR	962	27	39.79	8	9.73	20	4.91	16	1.12	25	85.67	3	31.83	7	8.20	16	4.87	8
Texas 28R	961	28	38.76	17	9.03	28	4.79	22	1.15	11	85.23	7	30.20	18	7.77	24	4.87	9
Texas 295	917	29	37.73	23	10.13	9	5.71	1	1.19	1	84.27	23	31.07	13	7.50	28	4.43	27
MISCOT 8806	853	30	37.72	24	9.70	23	4.52	27	1.16	6	84.77	17	32.87	2	8.57	7	4.50	22
MEAN	1134		38.81		9.89		5.04		1.14		84.77		30.72		8.22		4.68	
LSD (0.10)	239		1.45		0.45		0.65		0.03		0.97		1.40		0.38		0.26	
CV (%)	22.00		2.71		3.33		9.34		1.82		0.84		3.30		3.32		4.07	
R-SQUARE	0.30		0.81		0.80		0.57		0.79		0.52		0.76		0.82		0.73	
REPS	6		3		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 14, 2002 Harvested: October 25, 2002

Table 17. Verona, MS location of the Hill Region Early-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Leeper Fine Sandy Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
PSC 355	1455	1	38.48	17	9.43	25	1.13	15	84.85	9	32.00	12	8.88	3	4.30	13
ST 4793R	1397	2	38.69	16	10.48	7	1.12	19	84.23	25	32.53	7	8.25	19	4.30	15
SG 215BG/RR	1372	3	38.29	19	10.40	8	1.10	27	83.95	28	28.68	30	8.60	6	4.43	7
MISCOT 8839	1363	4	37.83	23	10.55	5	1.14	11	85.13	6	32.85	3	8.20	21	4.20	20
Sure-Grow 105	1342	5	38.78	14	10.15	11	1.14	12	85.38	1	31.95	13	8.58	7	4.40	9
FM 958 BG (E 6478)	1328	6	40.01	6	10.78	2	1.14	10	84.23	24	35.75	1	8.10	25	3.98	25
DPL X99X35	1323	7	41.26	3	8.73	29	1.12	22	84.43	15	30.95	19	8.20	23	4.23	19
Texas 28R	1301	8	39.81	8	9.15	28	1.15	7	84.28	18	29.83	26	7.70	29	4.40	10
DP 555BG/RR	1297	9	38.91	12	8.55	30	1.16	5	84.25	22	30.48	24	7.75	28	4.00	24
Syngenta N2429	1295	10	38.77	15	10.53	6	1.13	14	85.35	2	32.50	8	9.03	2	4.33	12
FM 958	1293	11	38.02	21	10.20	9	1.18	2	85.13	5	34.00	2	7.68	30	3.85	29
DP 20B	1272	12	36.18	29	10.15	12	1.17	3	85.08	7	31.38	15	8.20	22	3.88	28
SG 747	1260	13	39.38	10	10.18	10	1.12	20	84.33	16	29.40	28	8.50	10	4.50	6
ST 457 (STX8M007)	1250	14	39.89	7	9.93	16	1.12	23	84.28	20	32.05	10	9.40	1	4.40	8
DP 451B/RR	1249	15	36.86	27	10.60	3	1.14	8	84.90	8	30.10	25	8.30	18	4.68	2
MISCOT 8806	1244	16	38.24	20	9.40	26	1.12	17	84.80	11	32.53	6	8.40	14	4.25	18
OA-87	1243	17	39.79	9	9.65	21	1.05	30	83.20	30	29.40	29	8.50	11	4.25	17
Sure-Grow 501BR	1234	18	37.71	24	9.63	22	1.12	16	84.28	19	31.65	14	8.70	4	4.35	11
PM 1218BG/RR	1219	19	40.30	4	9.45	24	1.08	29	84.28	21	30.58	22	8.40	15	4.15	21
PH98M-2983	1216	20	41.33	1	9.23	27	1.12	18	84.30	17	31.03	18	8.50	9	4.28	16
ST 4892BR	1195	21	40.10	5	9.60	23	1.10	26	83.98	27	32.05	11	8.35	16	4.55	4
PM 1199RR	1195	22	39.33	11	10.10	13	1.14	9	85.18	4	32.48	9	8.25	20	4.53	5
DES 810	1171	23	36.76	28	9.75	20	1.12	21	84.25	23	32.60	5	8.40	13	4.03	22
ST 474	1166	24	41.30	2	10.85	1	1.12	24	84.48	13	30.80	20	8.45	12	4.68	1
AP 7115	1161	25	37.27	25	9.98	15	1.12	25	83.50	29	29.83	27	7.85	27	4.00	23
DES 816	1148	26	38.45	18	10.58	4	1.14	13	84.18	26	32.75	4	8.50	8	4.30	14
Sure-Grow 521R	1132	27	37.96	22	10.00	14	1.08	28	84.45	14	31.20	16	8.70	5	4.55	3
DP 436RR	1113	28	34.81	30	9.93	17	1.17	4	85.20	3	30.53	23	8.20	24	3.90	27
BXN 49B (ST X0001)	1108	29	38.83	13	9.85	18	1.15	6	84.83	10	30.60	21	8.35	17	3.93	26
Texas 295	999	30	36.94	26	9.78	19	1.19	1	84.58	12	31.05	17	7.90	26	3.48	30
MEAN	1245		38.68		9.92		1.13		84.50		31.45		8.36		4.24	
LSD (0.10)	198		1.64		1.07		0.03		0.93		1.72		0.37		0.40	
CV (%)	13.55		3.61		9.15		2.32		0.94		4.64		3.78		8.05	
R-SQUARE	0.41		0.63		0.40		0.65		0.41		0.65		0.66		0.57	
REPS	4		4		4		4		4		4		4		4	

Shaded values not significantly different from highest value.

Planted: May 15, 2002 Harvested: September 24, 2002

Table 18. Holly Springs, MS location of the Hill Region Early-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Grenada Silt Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
FM 958 BG (E 6478)	1009	1	40.67	12	9.93	17	4.99	9	1.10	6	82.27	24	34.80	2	7.97	5	4.80	30
DPL X99X35	981	2	43.77	1	8.83	30	4.77	18	1.05	24	81.80	29	30.70	19	8.43	17	5.63	2
OA-87	945	3	40.66	13	9.67	21	5.13	6	1.00	29	82.50	19	29.60	26	8.80	5	5.23	18
DP 555BG/RR	942	4	41.47	4	9.27	25	4.65	21	1.07	18	82.33	22	32.00	12	8.17	24	5.27	15
Texas 295	928	5	39.70	19	10.73	2	5.75	2	1.11	3	82.43	20	32.00	11	7.90	30	5.27	16
Syngenta N2429	919	6	40.47	15	10.40	6	4.49	23	1.08	10	83.40	9	34.30	5	9.53	1	5.40	6
PSC 355	893	7	40.65	14	9.50	23	3.89	30	1.09	9	83.20	12	32.90	7	8.93	3	5.23	17
PH98M-2983	893	8	41.85	3	9.17	27	4.85	11	1.06	22	81.87	28	31.77	14	8.30	21	5.27	13
SG 215BG/RR	885	9	39.87	18	9.83	18	5.06	8	1.02	27	83.00	14	29.17	29	8.67	11	5.47	4
BXN 49B (ST X0001)	883	10	39.05	22	10.63	4	5.56	3	1.11	2	82.03	27	30.07	24	8.03	26	5.17	24
MISCOT 8839	868	11	38.76	23	10.07	13	4.81	16	1.09	7	83.73	4	29.30	28	8.30	22	5.27	14
SG 747	868	12	41.10	8	9.50	22	5.07	7	1.07	15	82.53	18	29.47	27	8.70	9	5.40	7
Texas 28R	826	13	41.36	5	9.03	29	4.83	13	1.10	5	84.13	1	30.17	22	8.10	25	5.60	3
PM 1218BG/RR	825	14	41.90	2	11.17	1	5.51	4	1.05	23	81.17	30	30.10	23	8.40	18	5.67	1
DES 816	822	15	40.46	16	10.27	8	5.17	5	1.06	20	82.90	15	34.40	3	8.80	4	5.33	8
FM 958	800	16	41.04	9	10.70	3	5.85	1	1.08	13	83.93	2	35.10	1	7.90	29	5.23	21
ST 474	788	17	40.82	10	10.57	5	4.85	12	1.07	16	83.77	3	31.33	16	8.67	10	5.30	10
Sure-Grow 521R	787	18	40.75	11	9.37	24	4.57	22	1.00	30	82.90	16	30.57	20	8.73	8	5.23	19
MISCOT 8806	786	19	39.09	21	10.17	12	4.11	29	1.07	14	83.57	7	34.37	4	8.77	6	5.30	9
Sure-Grow 501BR	778	20	38.38	26	10.03	15	4.70	19	1.03	26	83.17	13	32.33	9	8.97	2	5.27	11
AP 7115	757	21	39.13	20	9.83	19	4.83	15	1.04	25	82.33	23	31.27	17	8.63	12	5.00	28
ST 4892BR	745	22	41.11	7	9.27	26	4.97	10	1.06	21	83.63	6	31.57	15	8.33	19	5.23	20
DP 20B	739	23	37.12	28	10.07	14	4.39	27	1.09	8	82.43	21	30.23	21	8.50	16	5.27	12
ST 4793R	734	24	41.18	6	9.73	20	4.77	17	1.00	28	82.17	26	31.00	18	8.50	15	5.43	5
DES 810	730	25	38.54	24	10.30	7	4.12	28	1.08	12	83.50	8	33.73	6	8.60	13	5.07	26
DP 436RR	708	26	36.00	29	10.27	10	4.69	20	1.07	17	83.37	10	28.37	30	8.53	14	5.20	22
ST 457 (STX8M007)	706	27	39.90	17	9.17	28	4.47	24	1.07	19	82.27	25	32.40	8	8.77	7	5.07	25
PM 1199RR	685	28	38.46	25	9.97	16	4.47	25	1.08	11	83.73	5	32.27	10	8.17	23	5.20	23
Sure-Grow 105	644	29	38.21	27	10.27	9	4.47	26	1.14	1	82.63	17	31.87	13	8.30	20	5.07	27
DP 451B/RR	635	30	34.93	30	10.23	11	4.83	14	1.10	4	83.23	11	29.90	25	8.03	27	4.93	29
MEAN	817		39.88		9.93		4.82		1.07		82.86		31.57		8.48		5.26	
LSD (0.10)	59		1.74		0.73		0.67		0.05		1.32		1.50		0.45		0.32	
CV (%)	7.60		3.19		5.35		9.24		3.45		1.16		3.49		3.87		4.46	
R-SQUARE	0.78		0.76		0.64		0.68		0.57		0.48		0.81		0.66		0.50	
REPS	6		3		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 7, 2002 Harvested: October 8, 2002

Table 19. Nesbit, MS location of the Hill Region Early-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Collins Silt Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
OA-87	1669	1	47.16	1	10.73	23	5.36	22	1.04		82.57	29	27.47	27	8.17	19	5.00	21
DP 555BG/RR	1553	2	44.03	2	9.67	30	5.33	23	1.11	9	82.63	27	29.47	18	7.50	30	5.20	13
PM 1218BG/RR	1468	3	42.12	7	11.93	1	5.83	9	1.07	28	82.57	28	29.10	22	8.20	17	5.67	1
FM 958 BG (E 6478)	1420	4	41.97	8	10.90	20	6.01	5	1.10	14	83.33	21	33.20	1	8.10	22	4.60	30
SG 215BG/RR	1393	5	41.31	12	11.17	14	5.74	11	1.06	29	82.47	30	27.23	29	8.73	5	5.50	2
PSC 355	1317	6	41.62	10	11.40	9	5.48	19	1.10	16	84.33	4	31.73	3	9.10	2	5.43	3
Syngenta N2429	1276	7	40.28	19	11.47	7	5.60	15	1.11	11	84.03	6	32.57	2	9.30	1	5.37	6
BXN 49B (ST X0001)	1230	8	40.05	21	10.97	16	6.07	4	1.11	12	83.13	23	27.87	24	7.83	27	4.70	29
MISCOT 8806	1224	9	39.23	24	11.60	5	5.60	14	1.11	10	84.53	2	31.67	5	8.60	6	5.20	12
Sure-Grow 501BR	1193	10	39.47	22	11.37	10	5.84	8	1.08	25	83.63	15	31.07	9	8.83	4	5.37	7
DPL X99X35	1174	11	42.33	4	10.43	26	5.89	6	1.12	8	83.93	7	30.13	15	8.10	23	5.07	18
ST 4892BR	1138	12	41.18	13	11.67	4	5.66	13	1.09	18	83.53	17	29.17	21	8.30	16	4.97	23
PM 1199RR	1134	13	41.73	9	10.90	21	5.08	27	1.09	22	83.90	8	31.37	7	8.33	14	5.43	4
MISCOT 8839	1132	14	40.65	17	11.27	11	5.54	17	1.14	3	83.67	13	29.40	19	7.97	25	5.17	15
PH98M-2983	1129	15	42.95	3	10.57	24	5.40	20	1.09	21	83.83	10	30.30	14	8.40	13	5.17	14
DES 816	1102	16	39.41	23	10.93	17	5.78	10	1.09	20	83.77	12	31.13	8	8.60	7	5.10	16
DP 451B/RR	1098	17	37.01	29	10.93	18	5.54	18	1.10	15	83.07	26	27.70	26	7.77	29	5.00	22
Sure-Grow 521R	1094	18	40.19	20	11.53	6	5.57	16	1.08	26	83.80	11	29.23	20	8.50	10	4.93	24
SG 747	1094	19	40.85	15	10.50	25	6.24	2	1.09	17	83.67	14	27.23	28	8.47	12	5.40	5
ST 457 (STX8M007)	1081	20	38.74	26	10.13	29	5.12	25	1.09	19	83.23	22	30.37	13	9.07	3	4.90	25
DP 20B	1080	21	38.26	27	11.03	15	4.84	30	1.12	7	83.43	18	27.03	30	8.10	24	5.07	19
FM 958	1079	22	42.23	6	11.43	8	5.23	24	1.14	4	83.60	16	31.43	6	7.83	26	5.23	11
ST 4793R	1074	23	42.31	5	10.90	19	5.09	26	1.08	24	84.10	5	30.60	11	8.47	11	5.23	10
Texas 295	1063	24	39.19	25	11.77	2	6.72	1	1.16	1	84.50	3	31.00	10	8.17	18	5.03	20
Sure-Grow 105	1053	25	41.53	11	11.67	3	5.37	21	1.15	2	84.90	1	30.47	12	8.50	9	5.23	9
Texas 28R	1033	26	40.72	16	10.27	28	6.19	3	1.14	5	83.40	19	30.03	16	8.13	20	5.37	8
AP 7115	1007	27	40.63	18	11.27	12	5.88	7	1.13	6	83.33	20	27.73	25	7.80	28	4.83	28
DES 810	979	28	37.97	28	10.87	22	5.03	29	1.08	23	83.87	9	31.73	4	8.53	8	4.90	26
DP 436RR	952	29	35.38	30	11.23	13	5.70	12	1.11	13	83.10	24	28.33	23	8.33	15	4.90	27
ST 474	878	30	40.86	14	10.27	27	5.07	28	1.08	27	83.10	25	29.90	17	8.13	21	5.10	17
MEAN	1171		40.71		11.03		5.60		1.10		83.57		29.86		8.33		5.14	
LSD (0.10)	68		2.53		0.83		0.75		0.03		0.86		1.65		0.36		0.29	
CV (%)	6.07		4.55		5.54		9.77		1.91		0.75		4.06		3.19		4.08	
R-SQUARE	0.89		0.69		0.55		0.47		0.73		0.64		0.76		0.79		0.67	
REPS	6		3		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 2, 2002 Harvested: October 14, 2002

Table 20. Durant, MS location of the Hill Region Mid-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on an Oaklimiter Silty Loam Soil.

NAME	Lint Yield		Lint Percent		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
OA-87	1122	1	41.51	11	5.27	12	1.04	24	81.80	24	26.67	18	8.50	4	4.80	13
ST 5303R	1090	2	41.07	13	5.02	17	1.08	23	84.17	6	30.93	2	8.27	6	5.20	2
DP 555BG/RR	1001	3	44.56	1	5.59	9	1.15	6	83.57	16	26.50	19	7.37	23	4.67	18
NuCOTN 35B	1000	4	39.23	22	6.30	3	1.13	11	83.47	18	30.30	4	7.57	13	4.80	15
DP 491	973	5	43.52	3	5.26	14	1.20	3	84.03	8	28.73	9	7.53	15	4.63	19
DeltaPEARL	925	6	42.15	5	4.88	21	1.20	4	84.07	7	28.00	13	7.37	21	5.07	6
DP 655B/RR	925	7	40.10	17	5.64	7	1.12	16	83.00	20	29.17	8	7.57	14	4.87	11
DP448B	922	8	40.05	18	4.88	20	1.13	15	83.83	14	25.33	23	7.50	18	4.87	12
DP 565	919	9	41.71	7	5.56	10	1.14	10	84.03	9	27.83	14	8.23	7	5.13	4
FM 966	910	10	41.58	8	5.95	5	1.17	5	84.73	3	32.00	1	7.47	19	4.63	20
DP 458B/RR	860	11	42.00	6	4.80	23	1.12	18	83.97	11	26.17	20	8.03	9	5.17	3
PSC 355	844	12	41.10	12	5.41	11	1.11	20	83.93	13	28.03	12	8.77	1	4.87	10
DP 5690RR	839	13	39.73	21	5.17	16	1.13	14	83.93	12	29.60	6	7.77	10	5.10	5
FM 832 B	819	14	40.48	15	7.52	1	1.20	2	85.67	1	30.33	3	7.60	12	4.27	23
OA-85	799	15	43.93	2	4.86	22	1.11	21	83.33	19	27.03	17	7.70	11	5.03	7
GC 271	796	16	38.09	23	4.93	19	1.14	7	84.00	10	28.53	10	8.17	8	4.80	14
FM 989 R	796	17	40.90	14	6.21	4	1.14	9	84.27	4	30.20	5	7.50	16	4.73	16
DP 5415RR	792	18	41.53	10	5.27	13	1.13	12	83.80	15	26.03	21	8.43	5	5.20	1
SG 747	781	19	42.49	4	5.85	6	1.10	22	84.27	5	24.83	24	8.57	3	4.97	9
FM 989 BR	767	20	40.00	19	4.98	18	1.12	17	82.90	21	28.13	11	7.37	20	4.57	21
Texas 30R	767	21	37.41	24	4.64	24	1.14	8	82.60	22	25.73	22	7.33	24	4.50	22
ST 5599BR	740	22	41.55	9	5.60	8	1.11	19	82.13	23	27.23	16	7.37	22	5.00	8
ST 580	726	23	40.29	16	5.23	15	1.13	13	83.57	17	27.40	15	8.57	2	4.70	17
FM 832	664	24	39.80	20	6.36	2	1.23	1	85.30	2	29.33	7	7.50	17	4.23	24
MEAN	866		41.03		5.47		1.14		83.77		28.09		7.83		4.83	
LSD (0.10)	162		1.38		1.03		0.02		0.81		1.64		0.32		0.23	
CV (%)	19.60		2.46		13.83		1.19		0.70		4.26		2.96		3.53	
R-SQUARE	0.36		0.81		0.53		0.93		0.77		0.79		0.86		0.79	
REPS	6		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 17, 2002 Harvested: November 23, 2002

Table 21. Verona, MS location of the Hill Region Mid-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Leeper Fine Sandy Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
DP 555BG/RR	1719	1	41.79	1	8.93	18	1.16	12	83.88	22	31.78	19	7.43	24	4.20	15
DeltaPEARL	1564	2	38.72	9	8.43	24	1.22	3	85.43	5	33.35	10	7.78	22	3.85	20
PSC 355	1563	3	38.84	8	11.18	1	1.14	19	85.50	4	33.45	9	9.15	1	4.53	4
OA-87	1555	4	39.59	5	10.13	10	1.07	24	83.78	24	29.00	24	8.35	8	4.33	7
DP 491	1552	5	39.84	4	10.08	11	1.22	2	85.90	3	34.93	5	8.10	13	4.10	17
FM 989 R	1543	6	39.01	7	10.35	4	1.15	18	84.70	10	34.03	6	8.00	14	4.20	14
OA-85	1530	7	41.13	2	9.15	15	1.17	8	84.90	9	32.15	16	8.00	15	4.70	2
ST 580	1515	8	37.72	13	8.83	19	1.15	17	84.60	13	32.08	17	8.83	2	4.23	10
ST 5599BR	1514	9	38.54	10	10.25	8	1.16	11	85.23	7	32.20	15	8.45	6	4.50	5
FM 832 B	1508	10	39.19	6	10.33	6	1.21	4	86.08	2	35.20	3	7.85	20	3.78	23
FM 966	1496	11	36.52	21	10.35	5	1.18	5	84.65	11	33.03	12	7.88	19	4.00	18
ST 5303R	1454	12	38.52	11	10.28	7	1.13	23	85.05	8	35.65	2	8.60	4	4.30	8
SG 747	1442	13	39.87	3	10.45	3	1.13	20	84.63	12	30.33	22	8.65	3	5.08	1
DP448B	1428	14	37.69	14	9.05	17	1.15	14	84.35	16	31.85	18	7.90	18	4.30	9
NuCOTN 35B	1424	15	37.45	16	10.23	9	1.15	16	84.23	19	35.90	1	8.20	11	4.13	16
FM 989 BR	1423	16	37.25	19	10.88	2	1.15	15	84.43	14	32.65	13	8.20	12	4.23	13
DP 458B/RR	1417	17	37.51	15	8.50	23	1.13	21	84.25	18	31.08	21	8.45	7	4.43	6
DP 5415RR	1369	18	37.39	17	8.83	20	1.13	22	84.30	17	31.15	20	8.50	5	4.23	11
FM 832	1360	19	38.01	12	9.48	13	1.24	1	86.35	1	35.08	4	7.65	23	3.68	24
DP 5690RR	1353	20	35.89	23	9.13	16	1.15	13	83.80	23	33.93	7	7.90	16	3.95	19
DP 565	1349	21	36.89	20	8.78	21	1.16	10	84.35	15	32.28	14	8.25	10	4.23	12
DP 655B/RR	1288	22	36.13	22	8.78	22	1.17	9	84.18	20	33.08	11	7.90	17	3.78	22
GC 271	1278	23	37.39	18	9.40	14	1.18	6	85.35	6	33.70	8	8.28	9	4.55	3
Texas 30R	1239	24	34.95	24	9.60	12	1.17	7	84.05	21	29.83	23	7.85	21	3.80	21
MEAN	1454		38.16		9.64		1.16		84.75		32.82		8.17		4.21	
LSD (0.10)	179		1.70		1.24		0.04		0.97		1.88		0.41		0.52	
CV (%)	10.43		3.79		10.91		2.61		0.96		4.86		4.23		10.55	
R-SQUARE	0.64		0.63		0.44		0.66		0.52		0.64		0.64		0.42	
REPS	4		4		4		4		4		4		4		4	

Shaded values not significantly different from highest value.

Planted: May 15, 2002 Harvested:September 24, 2002

Table 22. Holly Springs, MS location of the Hill Region Mid-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Grenada Silt Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
ST 5599BR	1014	1	40.46	4	10.77	2	4.96	8	1.07	20	82.37	21	31.47	14	8.03	18	5.03	7
DP 491	968	2	41.48	2	9.03	20	4.85	9	1.16	4	82.87	17	32.70	11	8.00	21	4.77	13
FM 832 B	939	3	37.66	13	10.60	4	5.88	1	1.17	2	84.63	2	35.00	4	8.37	9	4.70	16
OA-87	936	4	39.79	6	9.77	11	4.79	10	1.01	24	81.57	24	28.97	24	8.80	3	5.03	5
DP 555BG/RR	915	5	39.94	5	8.57	24	4.72	12	1.08	19	82.43	20	30.53	18	7.63	24	4.83	10
SG 747	910	6	39.39	8	9.93	7	4.36	23	1.06	22	83.60	11	30.53	17	8.90	2	5.27	2
FM 989 BR	874	7	39.33	9	10.63	3	4.78	11	1.03	23	82.03	22	32.93	9	8.33	11	4.90	9
PSC 355	853	8	40.94	3	9.73	12	4.59	16	1.09	17	84.13	4	32.30	12	9.30	1	5.27	1
DeltaPEARL	826	9	38.46	10	9.23	17	4.38	22	1.16	5	83.23	14	31.17	16	8.03	19	5.00	8
NuCOTN 35B	815	10	36.03	19	9.33	16	5.13	4	1.12	7	83.70	6	32.83	10	8.00	20	4.60	18
FM 832	809	11	36.80	16	10.33	5	5.23	3	1.20	1	85.53	1	35.10	3	8.10	17	4.30	24
FM 966	803	12	39.53	7	11.30	1	5.47	2	1.12	9	83.60	10	38.43	1	8.43	8	4.77	12
DP448B	778	13	35.83	22	9.43	15	4.52	18	1.11	13	83.70	7	29.67	23	7.97	22	4.53	19
FM 989 R	768	14	37.84	12	10.00	6	4.57	17	1.11	14	83.17	15	35.40	2	8.30	12	4.37	23
OA-85	764	15	41.74	1	9.13	18	4.13	24	1.10	16	82.70	18	30.10	20	8.37	10	5.13	3
DP 458B/RR	753	16	36.36	18	8.67	23	4.43	20	1.09	18	82.63	19	31.83	13	8.23	14	4.70	17
ST 580	753	17	37.03	15	9.60	13	5.10	6	1.11	12	83.03	16	31.37	15	8.57	6	5.03	6
DP 565	744	18	34.75	23	9.13	19	4.63	14	1.17	3	83.30	13	29.80	22	8.17	16	4.43	22
ST 5303R	742	19	38.09	11	9.90	8	4.50	19	1.07	21	83.63	9	34.97	5	8.50	7	4.80	11
DP 655B/RR	731	20	33.89	24	9.90	9	5.07	7	1.12	6	83.63	8	33.53	7	8.20	15	4.47	21
DP 5415RR	719	21	36.51	17	8.80	22	4.68	13	1.12	8	83.83	5	30.17	19	8.63	5	4.70	15
Texas 30R	713	22	37.14	14	8.97	21	4.40	21	1.10	15	81.90	23	29.93	21	7.87	23	4.73	14
DP 5690RR	706	23	35.97	21	9.57	14	5.12	5	1.11	11	83.37	12	33.50	8	8.23	13	4.47	20
GC 271	703	24	35.98	20	9.87	10	4.62	15	1.11	10	84.20	3	34.63	6	8.63	4	5.07	4
MEAN	814		37.96		9.68		4.79		1.11		83.28		32.37		8.32		4.79	
LSD (0.10)	58		2.16		0.68		0.78		0.06		1.41		1.86		0.48		0.39	
CV (%)	7.44		4.16		5.12		11.92		3.70		1.23		4.19		4.25		5.97	
R-SQUARE	0.76		0.75		0.75		0.45		0.76		0.74		0.82		0.67		0.77	
REPS	6		3		3		3		3		3		3		3		3	

Shaded values not significantly different from highest value.

Planted: May 8, 2002 Harvested: October 8, 2002

Table 23. Nesbit, MS location of the Hill Region Mid-Maturity Test in the 2002 Mississippi Cotton Variety Trial grown on a Collins Silt Loam Soil.

NAME	Lint Yield		Lint Percent		Seed Index		Boll Size		Length (UHM)		Uniformity Index		Strength		Elongation		Micronaire	
	lb/A	Rank	%	Rank	g	Rank	g	Rank	in	Rank	%	Rank	g tex	Rank	EL	Rank	MIC	Rank
ST 5599BR	1649	1	42.58	4	11.00	8	6.18	6	1.11	20	83.00	20	30.83	17	7.37	22	5.13	6
OA-87	1525	2	41.27	5	10.70	9	5.58	13	1.06	24	83.33	16	28.73	24	8.13	7	4.83	18
DP 555BG/RR	1510	3	44.09	1	9.57	22	6.04	8	1.16	6	83.33	15	30.13	19	7.33	24	5.00	14
NuCOTN 35B	1399	4	38.71	19	10.23	15	5.31	18	1.12	14	82.90	22	32.97	8	7.67	18	4.87	17
DP 491	1346	5	43.07	3	10.50	12	6.31	3	1.18	4	82.87	23	32.07	12	7.60	19	5.07	11
PSC 355	1341	6	41.22	6	10.33	13	4.88	23	1.12	15	83.77	8	32.07	11	8.87	1	5.10	7
FM 832 B	1313	7	40.91	11	11.43	4	6.37	1	1.19	2	84.87	2	32.93	9	7.90	11	4.63	22
FM 989 BR	1302	8	38.81	16	11.87	3	5.82	10	1.15	8	83.13	18	31.97	13	7.70	17	4.53	24
ST 5303R	1246	9	40.91	12	10.23	14	5.10	22	1.11	23	84.17	7	32.97	7	7.90	10	5.07	10
DP 655B/RR	1244	10	38.34	21	10.07	19	5.59	12	1.12	17	82.80	24	33.17	6	7.73	16	4.77	19
SG 747	1234	11	41.02	9	11.10	7	5.32	17	1.14	11	84.57	3	29.37	22	8.20	5	5.03	12
DP 458B/RR	1223	12	38.74	17	9.60	21	5.47	14	1.12	13	83.07	19	31.30	16	8.03	8	5.20	3
OA-85	1218	13	44.09	2	9.53	23	5.64	11	1.12	16	83.77	9	30.20	18	7.83	13	5.00	13
DP448B	1212	14	38.67	20	10.17	18	6.24	5	1.13	12	83.67	10	29.57	21	7.60	20	4.93	15
DeltaPEARL	1193	15	41.12	8	9.93	20	5.47	15	1.19	3	83.50	12	31.83	15	7.57	21	5.20	4
GC 271	1176	16	36.28	23	10.57	11	5.37	16	1.16	5	84.17	6	34.13	2	8.17	6	4.87	16
FM 966	1148	17	40.94	10	12.37	1	6.15	7	1.14	10	84.53	4	37.40	1	7.80	14	5.17	5
ST 580	1132	18	39.17	14	10.57	10	5.29	19	1.12	18	83.47	13	31.90	14	8.27	4	5.23	2
DP 565	1127	19	38.99	15	10.17	17	5.14	21	1.16	7	84.23	5	32.73	10	8.30	3	5.10	8
FM 832	1127	20	38.73	18	11.97	2	6.33	2	1.21	1	85.23	1	33.47	5	7.87	12	4.67	20
DP 5415RR	1070	21	41.14	7	9.43	24	5.28	20	1.11	22	83.53	11	29.90	20	8.33	2	5.23	1
FM 989 R	1042	22	39.75	13	11.33	5	6.25	4	1.11	19	83.23	17	34.13	4	7.77	15	4.67	21
DP 5690RR	1018	23	37.88	22	11.20	6	5.84	9	1.11	21	83.47	14	34.13	3	7.97	9	5.10	9
Texas 30R	873	24	35.64	24	10.20	16	4.61	24	1.14	9	82.93	21	29.13	23	7.37	23	4.60	23

MEAN	1236	40.09	10.59	5.65	1.14	83.65	31.96	7.89	4.96
LSD (0.10)	99	1.36	0.71	0.93	0.03	0.97	1.70	0.46	0.25
CV (%)	8	2.47	4.90	12.01	1.83	0.85	3.88	4.23	3.64
R-SQUARE	1	0.89	0.79	0.50	0.80	0.59	0.81	0.70	0.70
REPS	6	3.0	3.0	3.0	3.00	3.0	3.0	3.0	3.0

Shaded values not significantly different from highest value.

Planted: May 2, 2002 Harvested: October 15, 2002