

2001 Mississippi Cotton Variety Trials Performance

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

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

W. H. McCarty, Extension Leader
Department of Plant and Soil Sciences
Mississippi State University

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

B. Boyd, Research Assistant
MAFES, Brown Loam Experiment Station
Raymond, Mississippi

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

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

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Most of the variety trial locations are 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 the Mississippi cotton producers who allow us to grow these variety trials on their farms and often put up with the aggravation of farming around small-plot research:

Brad Cobb, Tunica
Cliff Heaton, Clarksdale
Steve Skelton, Choctaw
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 ginner, 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 Maturing Cotton Variety Test was comprised of 43 varieties in the Delta and 38 in the Hill area of Mississippi. The Mid-maturity Cotton Variety Test was comprised of 22 varieties in the Delta and 22 varieties in the Hills. PhytoGen PSC 355, Stoneville ST 474, and Sure-Grow SG 747 were used as check varieties in tests with both maturity groups.

The Early Maturing and Mid-season Variety Tests were conducted at six locations in the Delta: Stoneville, Tunica, Clarksdale, Choctaw (30", 4:1 skip), Rolling Fork, and Tribbett. The Early Maturing and Mid-season Tests were conducted at six Hill locations: Mississippi State, Brooksville, Durant, Raymond, Holly Springs, Desoto County, and Verona.

With the exceptions noted above, 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 and Raymond due to land space). No data was collected from the Choctaw location because the site received 1 quart Roundup OT at the four-leaf stage by accident. 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-saw laboratory gin. HVI fiber property determinations were made by Starlab, Inc., Knoxville, TN.

This year "Loan Value per Acre" and "Net Loan Price" figures are being presented in addition to the yield and fiber quality properties reported in the past. These figures were determined using the 2001 CCC loan values. The "Net Loan Price" (NLP) is the calculated loan value based on the fiber properties and color grade. "Loan Value Per Acre" was calculated by multiplying the NLP by the Lint Yield. This value allows you to look at one figure that incorporates both yield and fiber quality. Note: If the HIV fiber properties shown do not account for the NLP given, assume that the color and leaf grade is responsible for the reduced NLP. Color and leaf grade data is not presented in this report.

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 measure 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 statistic 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 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, the higher the CV, the less precise is 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. For this reason, we have provided tables that summarize lint yields over 2- and 3-year periods averaged across locations. We reported lint yields and fiber qualities for three-year averages in Tables 9, 10, 13, and 14. The two-year averages are presented in Tables 11, 12, 15, and 16. 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.

We have multi-year data in a greater number of varieties than in recent years. This year is the first year in which we have also provide multi-year data for the fiber properties. Producers also have the added data this year of “Net Loan Price” and “Loan Value per Acre.”

As some general production and seasons notes, for the Delta Region and especially the sites south of HWY 8, late August and early September rainfall caused boll rot problems. The earlier maturity varieties had more loss due to this environmental condition than some of the later maturing varieties. This rainfall also affected the grades of the cotton fiber.

New This Year

- We have added the length in 32nds of an inch to the 2001 single year tables.
- Calculated the Net Loan Price as price/100 lbs. Based on the HIV fiber analysis. This information is added to all 2001 single year results.

- Calculated the Loan Value Per Acre utilizing the Net Loan Price and Lint Yields. All 2001 single year result tables have this and are sorted by this value.
- We added fiber data to the multi-year analysis and tables.

References

“Cotton Loan 2001” loan calculation computer program was developed by Dr. Larry Falconer, Extension Economist, Texas A&M University, Corpus Christi, TX, and developed with Cotton Incorporated funding.

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, Mid-Maturity	1999-01	Delta	Lint yield, fiber properties
2	Early Maturity, Mid-Maturity	2000-01	Delta	Lint yield, fiber properties
3	Early Maturity	2001	Delta	Loan Value per Acre, Lint yield, fiber properties
4	Early Maturity	2001	Stoneville	Loan Value per Acre, Lint yield, fiber properties
5	Early Maturity	2001	Tunica	Loan Value per Acre, Lint yield, fiber properties
6	Early Maturity	2001	Clarksdale	Loan Value per Acre, Lint yield, fiber properties
7	Early Maturity	2001	Rolling Fork	Loan Value per Acre, Lint yield, fiber properties
8	Early Maturity	2001	Tribbett	Loan Value per Acre, Lint yield, fiber properties
9	Mid-Maturity	2001	Delta	Loan Value per Acre, Lint yield, fiber properties
10	Mid-Maturity	2001	Stoneville	Loan Value per Acre, Lint yield, fiber properties
11	Mid-Maturity	2001	Tunica	Loan Value per Acre, Lint yield, fiber properties
12	Mid-Maturity	2001	Clarksdale	Loan Value per Acre, Lint yield, fiber properties
13	Mid-Maturity	2001	Rolling Fork	Loan Value per Acre, Lint yield, fiber properties
14	Mid-Maturity	2001	Tribbett	Loan Value per Acre, Lint yield, fiber properties
15	Early Maturity	1999-01	Hills	Lint yield, fiber properties
16	Early Maturity	2000-01	Hills	Lint yield, fiber properties
17	Early Maturity	2001	Hills	Loan Value per Acre, Lint yield, fiber properties
18	Early Maturity	2001	Holly Springs	Loan Value per Acre, Lint yield, fiber properties
19	Early Maturity	2001	Nesbit	Loan Value per Acre, Lint yield, fiber properties
20	Early Maturity	2001	Verona	Loan Value per Acre, Lint yield, fiber properties
21	Early Maturity	2001	Mississippi State	Loan Value per Acre, Lint yield, fiber properties
22	Early Maturity	2001	Brooksville	Loan Value per Acre, Lint yield, fiber properties
23	Early Maturity	2001	Durant	Loan Value per Acre, Lint yield, fiber properties
24	Early Maturity	2001	Raymond	Loan Value per Acre, Lint yield, fiber properties
25	Mid-Maturity	2001	Hills	Loan Value per Acre, Lint yield, fiber properties
26	Mid-Maturity	2001	Holly Springs	Loan Value per Acre, Lint yield, fiber properties
27	Mid-Maturity	2001	Nesbit	Loan Value per Acre, Lint yield, fiber properties
28	Mid-Maturity	2001	Verona	Loan Value per Acre, Lint yield, fiber properties
29	Mid-Maturity	2001	Mississippi State	Loan Value per Acre, Lint yield, fiber properties
30	Mid-Maturity	2001	Brooksville	Loan Value per Acre, Lint yield, fiber properties
31	Mid-Maturity	2001	Durant	Loan Value per Acre, Lint yield, fiber properties
32	Mid-Maturity	2001	Raymond	Loan Value per Acre, Lint yield, fiber properties
33	Early Maturity	2001	Delta	Bollgard Varieties
34	Mid-Maturity	2001	Delta	Bollgard Varieties
35	Early Maturity	2001	Delta	Round Up Ready Varieties
36	Mid-Maturity	2001	Delta	Round Up Ready Varieties
37	Early Maturity	2001	Delta	Bollgard Round Up Ready Varieties
38	Mid-Maturity	2001	Delta	Bollgard Round Up Ready Varieties
39	Early Maturity	2001	Hills	Bollgard Varieties
40	Mid-Maturity	2001	Hills	Bollgard Varieties
41	Early Maturity	2001	Hills	Round Up Ready Varieties
42	Mid-Maturity	2001	Hills	Round Up Ready Varieties
43	Early Maturity	2001	Hills	Bollgard Round Up Ready Varieties
44	Mid-Maturity	2001	Hills	Bollgard Round Up Ready Varieties
45	Early Maturity	2001	Delta	Other Varieties
46	Mid-Maturity	2001	Delta	Other Varieties
47	Early Maturity	2001	Hills	Other Varieties
48	Mid-Maturity	2001	Hills	Other Varieties

Table 1a: Three-year Lint Yield Averages for the Delta Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	3-yr Mean Lint Yield		2001 Lint Yield		2000 Lint Yield		1999 Lint Yield	
	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank
PhytoGen PSC 355	1274	1	1242	3	1067	11	1513	2
Paymaster PM 1218BG/RR	1265	2	1220	5	1098	5	1476	4
MISCOT 8806	1231	3	1067	31	1082	7	1545	1
Sure-Grow SG 747	1222	4	1204	7	1065	12	1398	6
FiberMax FM 958	1217	5	1179	11	1068	10	1405	5
Sure-Grow SG 105	1216	6	1226	4	1075	9	1349	9
MISCOT 8839	1196	7	1093	27	1011	23	1485	3
Paymaster PM 1560BG	1178	8	1212	6	1051	15	1272	15
Deltapine DP 428B	1151	9	1108	22	1035	19	1312	13
Deltapine DP 388	1133	10	1010	41	1047	16	1343	11
Deltapine DP 20B	1131	11	1094	26	1064	13	1235	19
Stoneville BXN 47	1124	12	1135	15	975	29	1262	16
Stoneville ST 474	1115	13	1149	13	958	32	1239	18
Deltapine DP 436RR	1105	14	1096	25	987	26	1231	20
Deltapine DP 425RR	1045	15	1000	42	977	28	1157	29

Table 1b: Three-year Lint Yield Averages for the Delta Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	3-yr Mean Lint Yield		2001 Lint Yield		2000 Lint Yield		1999 Lint Yield	
	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank
FiberMax FM 966	1180	1	1175	2	1085	4	1280	1
SureGrow SG 747*	1155	2	1092	8	1149	3	1223	2
Stoneville ST 474*	1106	3	1138	5	1068	5	1113	10
Deltapine NuCOTN 33B	1018	4	948	18	1003	7	1104	14
Deltapine DP 458B/RR	986	5	998	15	986	9	972	21

*Early Maturity Checks

Shaded values not significantly different from highest value within that year

Table 1c: Three Year Averages for the Delta Region Early Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	Lint Yield		Mic		Length		Uniformity Index		Strength		Elongation	
	#/A	Rank	Mic	Rank	UHM	Rank	%	Rank	g/tex	Rank	EL	Rank
PhytoGen PSC 355	1274	1	4.9	2	1.11	8	84.1	4	30.7	2	8.7	1
Paymaster PM 1218BG/RR	1265	2	4.7	6	1.08	15	83.6	10	27.9	10	7.8	11
MISCOT 8806	1231	3	4.7	11	1.12	3	84.2	2	30.8	1	7.9	9
Sure-Grow SG 747	1222	4	4.9	1	1.10	12	84.0	6	27.7	12	8.3	3
FiberMax FM 958	1217	5	4.7	8	1.15	1	84.2	3	30.7	3	6.9	15
Sure-Grow SG 105	1216	6	4.8	4	1.12	4	84.4	1	29.5	6	8.0	7
MISCOT 8839	1196	7	4.6	12	1.15	2	84.0	5	28.4	9	7.6	14
Paymaster PM 1560BG	1178	8	4.8	5	1.10	10	83.8	9	30.2	4	8.1	6
Deltapine DP 428B	1151	9	4.6	13	1.11	6	83.4	14	26.9	15	7.7	12
Deltapine DP 388	1133	10	4.5	14	1.09	14	83.3	15	29.6	5	8.4	2
Deltapine DP 20B	1131	11	4.3	15	1.11	7	83.5	11	27.6	14	8.2	4
Stoneville BXN 47	1124	12	4.7	9	1.10	11	83.5	12	28.6	8	7.7	13
Stoneville ST 474	1115	13	4.9	3	1.09	13	83.9	8	29.0	7	7.9	10
Deltapine DP 436RR	1105	14	4.7	10	1.11	5	83.9	7	27.6	13	8.2	5
Deltapine DP 425RR	1045	15	4.7	7	1.10	9	83.4	13	27.7	11	7.9	8

Table 1d: Three Year Averages for the Delta Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	Lint Yield		Mic		Length		Uniformity Index		Strength		Elongation	
	#/A	Rank	Mic	Rank	UHM	Rank	%	Rank	g/tex	Rank	EL	Rank
FiberMax FM 966	1180	1	4.6	4	1.15	1	84.8	1	34.2	1	6.9	5
SureGrow SG 747*	1155	2	4.9	2	1.11	4	84.1	2	28.5	5	8.4	1
Stoneville ST 474*	1106	3	4.9	1	1.11	5	84.0	3	29.7	3	7.9	2
Deltapine NuCOTN 33B	1018	4	4.6	5	1.12	2	83.4	4	29.6	4	7.8	3
Deltapine DP 458B/RR	986	5	4.8	3	1.12	3	83.3	5	30.4	2	7.8	4

*Early Maturity Checks

Table 2a: Two-year Lint Yield Averages for the Delta Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	2-yr Mean Lint Yield		2001 Lint Yield		2000 Lint Yield	
	lb/A	Rank	lb/A	Rank	lb/A	Rank
Paymaster PM 1218BG/RR	1159	1	1220	5	1098	5
PhytoGen PSC 355	1154	2	1242	3	1067	11
Stoneville ST 4691B	1154	3	1201	9	1107	4
Sure-Grow 105	1150	4	1226	4	1075	9
Stoneville ST 4892BR	1135	5	1191	10	1079	8
Sure-Grow 747	1134	6	1204	7	1065	12
Paymaster PM 1560BG	1131	7	1212	6	1051	15
FiberMax FM 958	1124	8	1179	11	1068	10
Sure-Grow 125BR	1120	9	1077	28	1163	1
MISCOT 8806-3-2-21	1094	10	1065	32	1123	2
Garst/Agripro AP9257	1092	11	1122	19	1062	14
Stoneville BXN 49B	1083	12	1145	14	1022	22
Deltapine DP 20B	1079	13	1094	26	1064	13
MISCOT 8806-3-2-35	1077	14	1070	30	1085	6
MISCOT 8806	1075	15	1067	31	1082	7
Deltapine DP 428B	1071	16	1108	22	1035	19
Sure-Grow 501BR	1061	17	1115	21	1007	24
Stoneville BXN 47	1055	18	1135	15	975	29
Stoneville ST 474	1054	19	1149	13	958	32
MISCOT 8839	1052	20	1093	27	1011	23
Deltapine DP 436RR	1041	21	1096	25	987	26
Deltapine DP 451B/RR	1041	22	1042	36	1039	17
Deltapine DP 420RR	1037	23	1051	35	1023	21
Deltapine DP 388	1028	24	1010	41	1047	16
Deltapine DP 422B/RR	1018	25	1053	34	984	27
Stoneville ST 4793R	1012	26	1021	40	1003	25
Sure-Grow 521R	1009	27	1054	33	964	31
Deltapine DP 425RR	988	28	1000	42	977	28

Table 2b: Two-year Lint Yield Averages for the Delta Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	2-yr Mean Lint Yield		2001 Lint Yield		2000 Lint Yield	
	lb/A	Rank	lb/A	Rank	lb/A	Rank
PhytoGen PSC 355*	1238	1	1289	1	1186	2
Stoneville ST X9905BR	1133	2	1029	10	1237	1
FiberMax FM 966	1130	3	1175	2	1085	4
Sure-Grow SG 747*	1121	4	1092	8	1149	3
Stoneville ST 474*	1103	5	1138	5	1068	5
Stoneville ST 580	1068	6	1107	7	1029	6
Garst/Agripro 4600RR	994	7	1001	13	987	8
Deltapine DP 458B/RR	992	8	998	15	986	9
Deltapine NuCOTN 33B	975	9	948	18	1003	7
Sure-Grow 821	971	10	987	16	955	33

* Early Maturity Checks

Shaded values not significantly different from highest value within that year

Table 2c: Two-year Averages for the Delta Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	2-yr Mean Lint Yield		Micronaire		Length (UHM)		Uniformity Index		Strength		Elongation	
	lb/A	Rank	Mic	Rank	in	Rank	%	Rank	g/tex	Rank	EL	Rank
Paymaster PM 1218BG/RR	1159	1	4.7	7	1.08	26	83.5	16	27.6	20	8.3	18
PhytoGen PSC 355	1154	2	4.7	2	1.11	11	84.1	2	30.0	3	9.0	1
Stoneville ST 4691B	1154	3	4.4	24	1.10	13	83.2	29	27.7	18	8.1	25
Sure-Grow 105	1150	4	4.7	5	1.12	8	84.4	1	29.1	8	8.5	10
Stoneville ST 4892BR	1135	5	4.7	8	1.09	23	83.6	13	28.9	10	8.3	16
Sure-Grow 747	1134	6	4.8	1	1.10	16	83.9	8	26.9	25	8.5	9
Paymaster PM 1560BG	1131	7	4.6	10	1.10	14	83.8	9	29.5	5	8.5	7
FiberMax FM 958	1124	8	4.6	18	1.15	1	84.0	4	30.1	2	7.6	29
Sure-Grow 125BR	1120	9	4.6	11	1.07	29	83.2	28	27.0	24	8.4	13
MISCOT 8806-3-2-21	1094	10	4.6	13	1.11	9	84.0	5	28.8	12	8.7	4
Garst/Agripro AP9257	1092	11	4.4	23	1.09	25	83.3	22	29.0	9	8.1	26
Stoneville BXN 49B	1083	12	4.3	27	1.13	3	83.5	17	28.0	15	8.2	22
Deltapine DP 20B	1079	13	4.3	28	1.12	7	83.6	11	27.0	22	8.3	17
MISCOT 8806-3-2-35	1077	14	4.7	3	1.10	17	83.5	15	27.6	19	8.3	20
MISCOT 8806	1075	15	4.6	17	1.12	5	84.1	3	30.3	1	8.5	8
Deltapine DP 428B	1071	16	4.6	16	1.11	10	83.3	24	26.2	29	8.0	27
Sure-Grow 501BR	1061	17	4.7	6	1.07	27	83.5	14	29.1	7	8.7	5
Stoneville BXN 47	1055	18	4.6	15	1.09	18	83.2	27	28.1	14	8.2	23
Stoneville ST 474	1054	19	4.7	4	1.09	20	83.6	12	28.5	13	8.4	15
MISCOT 8839	1052	20	4.6	21	1.15	2	84.0	6	28.0	16	8.1	24
Deltapine DP 436RR	1041	21	4.5	22	1.12	6	83.7	10	26.9	26	8.5	11
Deltapine DP 451B/RR	1041	22	4.6	19	1.12	4	83.5	18	27.0	23	8.0	28
Deltapine DP 420RR	1037	23	4.4	26	1.09	19	83.4	19	26.8	27	8.3	19
Deltapine DP 388	1028	24	4.4	25	1.09	24	83.2	26	28.9	11	8.7	3
Deltapine DP 422B/RR	1018	25	4.3	29	1.09	22	83.3	25	26.6	28	8.4	12
Stoneville ST 4793R	1012	26	4.6	9	1.09	21	83.4	21	29.3	6	8.4	14
Sure-Grow 521R	1009	27	4.6	20	1.07	28	83.4	20	27.8	17	8.7	6
Deltapine DP 425RR	988	28	4.6	14	1.11	12	83.3	23	27.1	21	8.3	21
Sure-Grow 821	971	29	4.6	12	1.10	15	83.9	7	29.8	4	9.0	2

Table 2d: Two-year Averages for the Delta Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	Lint Yield		Micronaire		Length (UHM)		Uniformity Index		Strength		Elongation	
	lb/A	Rank	Mic	Rank	in	Rank	%	Rank	g/tex	Rank	EL	Rank
PhytoGen PSC 355*	1238	1	4.8	3	1.13	4	84.6	2	31.0	3	9.0	1
Stoneville ST X9905BR	1133	2	4.5	7	1.15	2	83.6	5	31.1	2	7.9	8
FiberMax FM 966	1130	3	4.5	8	1.16	1	85.0	1	34.6	1	7.7	9
Sure-Grow SG 747*	1121	4	4.8	2	1.11	7	84.1	3	28.1	9	8.6	2
Stoneville ST 474*	1103	5	4.9	1	1.11	8	83.9	4	29.5	6	8.3	4
Stoneville ST 580	1068	6	4.5	9	1.12	5	83.5	6	30.2	5	8.5	3
Garst/Agripro 4600RR	994	7	4.6	5	1.07	9	83.2	8	28.7	8	8.3	5
Deltapine DP 458B/RR	992	8	4.6	4	1.12	6	83.2	9	30.2	4	8.2	7
Deltapine NuCOTN 33B	975	9	4.6	6	1.13	3	83.4	7	29.5	7	8.2	6

* Early Maturity Checks

Table 3: Averages for the Delta Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trial.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lbA	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
OA-87	636.44	1	1324	1	3185	4	41.83	2	4.99	3	1.11	36	20	83.7	18	28.4	23	8.4	17	47.89	28
Sure-Grow SG 215BG/RR	618.64	2	1308	2	3447	1	38.11	21	4.75	17	1.06	34	43	83.2	32	26.1	43	8.6	6	47.09	38
Sure-Grow SG 105	604.57	3	1226	4	3219	2	38.20	19	4.67	20	1.11	36	15	84.2	7	29.0	17	8.4	14	49.27	12
Paymaster PM 1560BG	594.11	4	1212	6	3144	6	38.66	15	4.75	16	1.10	35	26	83.7	15	29.5	10	8.5	11	48.76	21
Stoneville ST 457	584.55	5	1202	8	3107	7	38.62	16	4.55	32	1.11	36	18	83.5	23	29.5	11	9.1	1	48.51	24
Stoneville ST 4691B	583.30	6	1201	9	3080	12	38.99	9	4.61	29	1.10	35	24	82.9	40	27.9	28	8.3	27	48.28	27
FiberMax FM 958	579.60	7	1179	11	2971	24	39.83	4	4.77	15	1.15	37	5	84.1	9	30.6	4	7.5	43	48.62	23
Stoneville ST 4892BR	572.47	8	1191	10	3066	13	38.97	10	4.89	4	1.10	35	28	83.6	21	29.3	13	8.4	22	47.88	29
Sure-Grow SG 747	571.47	9	1204	7	3100	9	38.87	12	4.87	7	1.10	35	27	83.7	17	26.5	37	8.4	18	47.28	36
DES 816	567.59	10	1158	12	3104	8	37.45	27	4.80	13	1.13	36	9	83.8	13	30.2	6	8.4	16	48.90	16
FiberMax FM 966	564.91	11	1132	16	2976	23	38.15	20	4.61	28	1.14	37	6	84.4	4	32.2	1	7.6	41	49.65	10
Garst/Agripro AP9257	561.52	12	1122	19	2981	22	37.74	23	4.49	35	1.09	35	30	83.2	34	28.9	18	8.1	35	49.83	7
Deltapine DP 428B	560.80	13	1108	22	3042	16	36.38	37	4.65	25	1.11	36	14	83.4	27	26.2	41	8.1	37	50.44	3
Paymaster PM 1218BG/RR	558.34	14	1220	5	3085	10	39.75	5	5.03	1	1.07	34	41	83.5	24	27.4	33	8.3	24	45.48	42
Stoneville BxN 49B	556.73	15	1145	14	3059	14	37.55	26	4.43	38	1.13	36	8	83.7	16	28.4	24	8.2	31	48.87	17
PG-40	555.68	16	1100	24	3004	20	36.72	33	4.37	43	1.19	37	2	85.4	1	28.9	19	8.8	3	50.48	2
FiberMax FM 958 BG	554.51	17	1124	18	2970	25	37.97	22	4.72	19	1.15	37	4	84.4	3	32.1	2	7.9	39	49.28	11
PhytoGen PSC 355	554.01	18	1242	3	3198	3	38.94	11	5.03	2	1.11	36	21	84.2	6	29.6	9	9.0	2	44.29	43
Stoneville BxN 47	553.73	19	1135	15	2938	27	38.73	13	4.67	22	1.09	35	29	83.0	36	28.4	21	8.2	32	48.92	15
Deltapine DP 436RR	549.26	20	1096	25	3185	5	34.49	43	4.49	34	1.13	36	11	83.6	19	26.2	40	8.4	13	49.81	8
Deltapine DP 491	543.38	21	1116	20	2797	35	40.10	3	4.56	31	1.21	37	1	84.2	8	29.7	7	7.6	42	48.43	25
RGC2002	541.95	22	1105	23	3009	18	36.85	30	4.37	42	1.07	34	39	83.0	37	27.6	29	8.5	12	48.86	18
OA-85	538.93	23	1127	17	2690	40	41.92	1	4.65	24	1.09	35	31	82.5	43	28.0	27	8.0	38	47.45	33
MISCOT 8839	537.44	24	1093	27	2984	21	36.79	31	4.87	8	1.15	37	3	84.4	5	28.3	25	8.2	33	48.96	13
Deltapine DP 20B	534.01	25	1094	26	3084	11	35.62	41	4.41	39	1.13	36	10	83.5	22	26.7	35	8.1	34	48.80	19
Stoneville ST 474	533.02	26	1149	13	2908	29	39.57	7	4.89	5	1.09	35	34	83.6	20	29.0	16	8.6	9	46.45	40
Deltapine DP 422B/RR	529.02	27	1053	34	2892	31	36.53	34	4.37	41	1.09	35	36	83.0	39	26.2	42	8.4	19	50.01	5
Sure-Grow SG 501BR	526.58	28	1115	21	3052	15	36.49	35	4.74	18	1.07	34	42	83.4	26	28.4	22	8.6	7	47.04	39
Deltapine NuCOTN 33B	525.77	29	1036	37	2902	30	35.67	40	4.44	37	1.10	35	25	82.8	42	28.1	26	8.1	36	50.65	1
Sure-Grow SG 125BR	525.71	30	1077	28	3008	19	35.95	38	4.62	26	1.08	35	38	83.1	35	27.1	34	8.4	21	48.79	20
Deltapine DP 420RR	525.17	31	1051	35	2806	33	37.55	25	4.40	40	1.09	35	32	83.3	30	26.4	39	8.3	25	49.67	9
DES 607	514.90	32	1024	38	2616	42	39.06	8	4.45	36	1.14	37	7	83.9	11	27.5	30	8.3	29	50.23	4
MISCOT 8806	514.60	33	1067	31	2917	28	36.74	32	4.80	12	1.12	36	13	84.0	10	30.2	5	8.4	15	47.86	30
MISCOT 8806-3-2-21	510.07	34	1065	32	2778	36	38.53	17	4.85	10	1.11	36	16	83.9	12	29.0	15	8.8	4	47.58	32
DES 810	509.11	35	1072	29	2948	26	36.43	36	4.61	27	1.10	35	22	83.8	14	29.7	8	8.4	23	47.15	37
Deltapine DP 451B/RR	508.95	36	1042	36	3010	17	34.92	42	4.59	30	1.12	36	12	83.3	29	26.5	38	7.8	40	48.94	14
Deltapine DP 388	504.38	37	1010	41	2747	37	36.94	29	4.50	33	1.09	35	37	82.8	41	28.7	20	8.7	5	49.85	6
Sure-Grow SG 521R	503.80	38	1054	33	2833	32	37.31	28	4.67	21	1.07	34	40	83.0	38	27.5	31	8.6	8	47.66	31
RGC2001	498.95	39	1023	39	2717	38	37.70	24	4.79	14	1.10	35	23	83.4	28	29.3	12	8.4	20	48.31	26
MISCOT 8806-3-2-35	494.19	40	1070	30	2709	39	39.73	6	4.88	6	1.09	35	33	83.4	25	27.4	32	8.3	26	46.06	41
Deltapine DP 425RR	489.36	41	1000	42	2799	34	35.74	39	4.67	23	1.11	36	17	83.2	33	26.6	36	8.3	28	48.74	22
Stoneville ST 4793R	489.10	42	1021	40	2646	41	38.69	14	4.87	9	1.09	35	35	83.2	31	29.2	14	8.5	10	47.36	35
Paymaster PM 1199RR	460.41	43	972	43	2551	43	38.23	18	4.81	11	1.11	36	19	84.5	2	30.9	3	8.2	30	47.36	34

GRAND MEAN	542.81		1118		2960		37.88		4.67		1.11			83.6		28.4		8.3		48.41	
CHECK MEAN	546.07		1158		3027		38.26		4.81		1.10			83.6		28.3		8.5		47.17	
LSD (0.10)	28.75		60		159		0.70		0.12		0.01			0.5		0.8		0.2		1.42	
CV (%)	12.46		12.62		12.62		3.09		4.30		1.96			0.90		4.75		3.66		4.87	
R-SQUARED	0.86		0.84		0.85		0.82		0.74		0.79			0.67		0.79		0.78		0.69	

Shaded values not significantly different from highest value.

Table 9: Averages for the Delta Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
PhytoGen PSC 355*	612.37	1	1289	1	3264	1	39.52	3	5.04	1	1.11	36	13	84.4	5	30.8	11	9.0	2	47.01	22
FiberMax FM 966	605.42	2	1175	2	3029	2	38.80	7	4.63	15	1.17	37	4	85.1	1	34.8	1	7.6	21	51.13	4
FiberMax FM 966 BG	596.00	3	1173	3	3007	3	39.15	5	4.44	22	1.18	37	2	84.5	3	33.0	2	7.8	15	50.56	10
Deltapine DeltaPEARL	581.45	4	1144	4	2872	7	39.88	2	4.85	7	1.18	37	3	84.3	6	30.5	12	7.6	22	50.00	14
Stoneville ST 580	565.67	5	1107	7	2947	4	37.59	12	4.61	17	1.10	35	18	83.3	15	30.3	14	8.4	5	50.91	6
Deltapine DP 491	564.45	6	1107	6	2675	14	41.57	1	4.66	14	1.23	37	1	84.6	2	32.0	7	7.8	18	50.61	9
Deltapine DP 565	541.65	7	1057	9	2805	9	37.80	11	4.70	13	1.14	37	7	83.9	9	30.9	10	8.0	12	50.95	5
Stoneville ST 474*	540.14	8	1138	5	2907	5	39.13	6	4.97	2	1.10	35	21	83.8	10	30.1	17	8.5	4	47.34	21
Sure-Grow SG 747*	526.48	9	1092	8	2873	6	38.03	10	4.97	3	1.10	35	19	83.6	11	28.3	22	8.6	3	48.04	20
Stoneville ST X9905BR	519.43	10	1029	10	2617	17	39.47	4	4.87	4	1.15	37	6	84.1	7	31.8	8	7.9	13	49.92	16
GC 377	512.34	11	1015	11	2676	13	38.04	8	4.86	6	1.12	36	9	83.6	12	29.5	18	8.3	8	49.97	15
Deltapine DP 458B/RR	512.33	12	998	15	2683	12	37.26	14	4.70	12	1.11	36	16	82.9	21	30.3	15	8.1	10	50.84	8
Deltapine NuCOTN 35B	511.25	13	1001	14	2755	10	36.37	18	4.63	16	1.11	36	15	82.7	22	32.1	6	7.7	19	50.89	7
Deltapine DP 448B	509.87	14	967	17	2671	15	36.44	17	4.51	20	1.12	36	8	83.5	13	28.8	21	7.8	16	52.36	1
Sure-Grow 821	507.84	15	987	16	2599	19	38.03	9	4.75	11	1.11	36	14	83.9	8	30.5	13	9.0	1	51.20	3
GC 271	498.57	16	1004	12	2860	8	35.13	22	4.79	9	1.16	37	5	84.5	4	33.0	3	8.4	6	49.26	18
Garst/Agripro 4600RR	485.94	17	1001	13	2701	11	37.33	13	4.75	10	1.06	34	22	83.1	18	28.9	20	8.2	9	48.20	19
Deltapine NuCOTN 33B	482.02	18	948	18	2644	16	35.91	21	4.81	8	1.12	36	10	83.1	17	29.2	19	8.1	11	50.53	11
Deltapine DP 5690RR	470.23	19	935	19	2612	18	36.01	20	4.59	18	1.10	35	20	83.0	19	32.5	4	7.8	14	50.17	12
Deltapine DP 655B/RR	466.50	20	898	21	2500	21	36.18	19	4.52	19	1.11	36	12	83.1	16	31.6	9	7.7	20	51.50	2
Deltapine DP5690RR	463.04	21	918	20	2518	20	36.55	16	4.50	21	1.10	35	17	82.9	20	32.2	5	7.8	17	50.04	13
Deltapine DP 5415	448.69	22	890	22	2393	22	37.24	15	4.87	5	1.12	36	11	83.5	14	30.3	16	8.4	7	49.70	17

GRAND MEAN	523.71		1040		2755		37.79		4.73		1.13			83.7		31.0		8.1		50.04	
CHECK MEAN	559.66		1173		3015		38.89		5.00		1.10			84.0		29.7		8.7		47.46	
LSD (0.10)	30.25		61		165		0.69		0.16		0.01			0.5		0.6		0.1		1.48	
CV (%)	13.58		13.90		14.10		3.04		5.55		1.87			0.90		3.35		2.86		4.90	
R-SQUARED	0.88		0.86		0.86		0.80		0.63		0.90			0.74		0.89		0.85		0.69	
MSE	5054.81		20875.17		150966.57		1.32		0.07		0.00			0.56		1.08		0.05		6.02	
SED	18.36		37.31		100.32		0.42		0.10		0.01			0.27		0.38		0.08		0.90	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	30		30		30		15		15		15			15		15		15		15	
TAIL	2		2		2		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Table 10: Stoneville, MS location of the Delta Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Bosket Very Fine Sandy Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FM 966 BG (E 6479)	673.91	1	1196	3	2962	5	40.36	3	4.47	22	1.19	37	2	85.7	1	33.5	3	7.8	15	56.37	2
SG 747*	663.28	2	1289	2	3268	1	39.44	7	4.93	6	1.08	35	18	84.4	8	29.6	21	8.6	4	51.47	18
FM 966	661.78	3	1172	5	2933	6	39.98	5	4.60	21	1.16	37	4	85.5	2	35.5	1	7.6	20	56.45	1
PSC 355*	659.82	4	1307	1	3208	2	40.74	2	5.20	1	1.12	36	6	85.4	3	31.4	8	9.1	1	50.49	20
DP 491	635.91	5	1140	6	2686	14	42.44	1	4.63	17	1.23	37	1	85.4	4	31.3	10	7.6	22	55.79	5
DP 565	624.35	6	1184	4	3072	4	38.55	10	4.97	5	1.11	36	8	84.2	11	31.0	11	8.2	12	52.74	16
GC 271	621.78	7	1118	7	3190	3	35.04	22	4.70	14	1.12	36	7	84.3	9	34.0	2	8.4	7	55.64	8
DeltaPEARL	605.05	8	1107	8	2804	9	39.49	6	4.87	8	1.18	37	3	85.4	5	31.3	9	7.6	21	54.64	11
ST 580	577.50	9	1060	10	2796	10	37.90	12	4.77	10	1.07	34	19	83.6	15	30.5	13	8.7	3	54.49	12
NuCOTN 33B	567.57	10	1053	11	2894	7	36.38	19	4.77	11	1.09	35	13	83.6	16	30.3	16	8.3	9	53.90	14
DP 458B/RR	565.89	11	1017	14	2685	15	37.87	13	4.83	9	1.10	35	12	83.0	22	30.2	17	8.2	11	55.67	7
DP5690RR	561.61	12	1037	12	2824	8	36.75	17	4.63	18	1.07	34	20	83.4	20	32.5	4	7.8	17	54.14	13
Sure-Grow 821	560.57	13	1019	13	2630	18	38.74	9	4.63	20	1.09	35	15	83.6	14	29.9	18	8.9	2	55.03	10
NuCOTN 35B	556.88	14	1000	16	2770	12	36.11	21	4.70	15	1.09	35	16	83.4	19	30.8	12	7.7	18	55.67	6
ST 474*	551.04	15	1088	9	2779	11	39.13	8	5.10	3	1.09	35	14	84.6	6	30.4	15	8.4	8	50.67	19
DP 448B	541.91	16	984	18	2680	16	36.70	18	4.73	12	1.10	35	9	84.4	7	29.0	22	7.9	14	55.10	9
DP 655B/RR	530.41	17	948	20	2567	20	36.92	16	4.67	16	1.10	35	11	83.8	13	31.9	6	7.8	16	55.97	4
GC 377	515.10	18	989	17	2574	19	38.41	11	5.17	2	1.10	35	10	84.1	12	29.6	20	8.5	5	52.10	17
DP 5690RR	509.98	19	962	19	2660	17	36.14	20	4.63	19	1.06	34	21	83.2	21	32.4	5	8.1	13	53.04	15
ST X9905BR	505.83	20	901	22	2233	22	40.36	4	4.70	13	1.15	37	5	84.3	10	31.6	7	7.7	19	56.12	3
Garst/Agripro 4600RR	489.85	21	1004	15	2712	13	37.01	15	4.87	7	1.03	33	22	83.5	18	29.6	19	8.3	10	48.79	22
DP 5415	471.32	22	939	21	2483	21	37.80	14	5.10	4	1.09	35	17	83.5	17	30.4	14	8.4	6	50.22	21

GRAND MEAN	575.06		1069		2791		38.28		4.80		1.11			84.2		31.2		8.2		53.84	
CHECK MEAN	624.71		1228		3085		39.77		5.08		1.10			84.8		30.4		8.7		50.88	
LSD (0.10)	42.29		78		201		1.38		0.27		0.03			1.0		1.5		0.2		2.63	
					2760.69																
CV (%)	7.67		7.61		7.53		2.63		4.02		1.84			0.86		3.48		1.96		3.56	
R-SQUARED	0.78		0.77		0.74		0.85		0.62		0.89			0.75		0.77		0.92		0.69	
MSE	1947.97		6608.74		44145.89		1.01		0.04		0.00			0.52		1.18		0.03		3.68	
SED	25.48		46.94		121.31		0.82		0.16		0.02			0.59		0.89		0.13		1.57	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		1		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Planted: May 2, 2001 Harvested: September 20, 2001

Table 11: Tunica, MS location of the Delta Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Dundee Silt Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price		
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank	
PSC 355*	633.31	1	1354	1	3405	1	39.75	4	5.27	2	1.15	37	18	84.6	11	32.0	14	8.9	2	46.79	20	
ST 474*	566.36	2	1229	2	3063	2	40.14	2	5.00	7	1.14	37	20	83.8	15	32.0	15	8.5	5	46.07	21	
FM 966	559.05	3	1106	3	2856	4	38.71	8	4.70	16	1.18	37	11	85.6	2	37.8	1	7.8	18	50.57	4	
FM 966 BG (E 6479)	556.03	4	1098	4	2770	7	39.63	5	4.80	14	1.20	37	4	85.2	3	35.7	2	8.0	12	50.64	2	
ST 580	552.85	5	1094	5	2896	3	37.78	14	4.87	11	1.16	37	14	83.8	16	32.6	11	8.5	6	50.55	5	
DP 448B	546.12	6	1051	7	2831	5	37.12	17	4.53	22	1.19	37	7	84.3	13	31.8	17	8.0	14	51.97	1	
Sure-Grow 821	529.53	7	1082	6	2801	6	38.63	9	5.10	4	1.19	37	8	85.8	1	32.6	12	9.0	1	48.94	12	
GC 377	525.54	8	1041	8	2629	8	39.58	6	4.83	12	1.18	37	9	84.8	8	31.2	19	8.2	9	50.50	6	
DP 491	509.21	9	1040	9	2441	17	42.60	1	4.83	13	1.26	37	1	84.9	7	33.3	9	7.8	17	48.97	11	
NuCOTN 35B	491.61	10	976	13	2567	11	38.02	13	4.90	10	1.15	37	19	82.9	22	34.2	5	7.7	20	50.37	8	
ST X9905BR	486.98	11	1010	10	2598	9	38.90	7	5.23	3	1.19	37	5	84.9	6	33.6	8	8.1	11	48.20	17	
DP 565	485.32	12	962	14	2502	15	38.46	10	4.67	18	1.19	37	6	84.6	9	31.7	18	7.9	16	50.44	7	
DP 655B/RR	480.28	13	989	11	2560	12	37.28	16	4.57	21	1.17	37	12	83.8	17	32.6	13	7.6	21	48.57	14	
DP 458B/RR	475.91	14	986	12	2589	10	38.09	12	4.77	15	1.16	37	13	83.7	18	32.7	10	8.2	8	48.25	15	
Garst/Agripro 4600RR	457.80	15	942	17	2468	16	38.17	11	5.03	6	1.10	35	22	83.1	21	30.5	21	8.1	10	48.59	13	
DeltaPEARL	457.03	16	956	15	2387	19	40.07	3	5.03	5	1.21	37	3	85.1	5	31.8	16	7.6	22	47.79	19	
NuCOTN 33B	456.51	17	946	16	2560	13	36.97	18	4.67	17	1.18	37	10	83.9	14	31.1	20	8.0	13	48.24	16	
GC 271	445.48	18	931	18	2555	14	36.45	21	4.97	9	1.22	37	2	85.1	4	34.4	4	8.5	7	47.85	18	
DP 5690RR	415.07	19	826	20	2253	20	36.65	20	4.63	19	1.16	37	15	83.6	19	34.1	6	7.8	19	50.25	9	
DP 5415	408.43	20	807	21	2143	21	37.66	15	5.00	8	1.16	37	16	84.3	12	33.6	7	8.7	3	50.60	3	
SG 747*	402.23	21	874	19	2439	18	35.84	22	5.33	1	1.13	36	21	84.6	10	30.4	22	8.6	4	46.02	22	
DP5690RR	376.48	22	766	22	2087	22	36.68	19	4.60	20	1.15	37	17	83.6	20	34.6	3	8.0	15	49.17	10	
GRAND MEAN	491.69		1003		2613		38.33		4.88		1.17			84.4		32.9		8.2		49.06		
CHECK MEAN	533.96		1152		2969		38.57		5.20		1.14			84.3		31.5		8.7		46.29		
LSD (0.10)	106.56		222		599		2.66		0.24		0.03			1.1		1.2		0.3		4.53		
					2806.33																	
CV (%)	22.62		23.13		23.92		5.05		3.58		1.94			0.96		2.68		2.84		6.73		
R-SQUARED	0.33		0.34		0.28		0.50		0.75		0.77			0.61		0.86		0.82		0.28		
MSE	12369.84		53825.67		390656.11		3.74		0.03		0.00			0.66		0.78		0.05		10.89		
SED	64.21		133.95		360.86		1.58		0.14		0.02			0.66		0.72		0.19		2.69		
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10		
REPS	6		6		6		3		3		3			3		3		3		3		
TAIL	2		2		2		2		2		2			2		2		2		2		

*Early Maturity Checks

Shaded values not significantly different from highest value.

Planted: May 1, 2001 Harvested: October 10, 2001

Table 12: Clarksdale, MS location of the Delta Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Dubbs Very Fine Sandy Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FM 966	1001.10	1	1920	2	4990	2	38.47	6	4.50	12	1.20	37	4	85.1	1	35.5	1	7.6	20	52.15	9
DeltaPEARL	975.96	2	1857	3	4666	5	39.79	2	4.45	16	1.21	37	3	83.8	11	31.5	14	7.6	21	52.57	8
PSC 355*	960.60	3	1972	1	5058	1	38.99	4	4.90	2	1.13	36	12	84.3	8	31.8	13	8.8	2	48.72	20
ST X9905BR	938.93	4	1817	4	4669	4	38.92	5	4.43	17	1.18	37	6	84.6	3	33.9	6	8.0	14	51.67	11
DP 491	904.88	5	1786	5	4436	6	40.26	1	4.30	21	1.27	37	1	85.1	2	33.6	7	7.7	18	50.67	14
FM 966 BG (E 6479)	896.46	6	1775	6	4682	3	37.92	7	4.40	18	1.21	37	2	84.4	6	34.1	3	7.9	17	50.50	17
ST 580	837.57	7	1626	8	4362	8	37.29	10	4.40	20	1.13	36	17	83.2	17	32.2	12	8.4	8	51.50	12
DP 565	815.54	8	1570	9	4277	9	36.71	12	4.40	19	1.18	37	7	84.5	4	33.2	8	8.2	10	51.94	10
ST 474*	812.74	9	1713	7	4388	7	39.04	3	4.93	1	1.12	36	20	84.4	5	30.9	18	8.5	5	47.45	21
DP 458B/RR	770.85	10	1450	14	3989	13	36.36	14	4.57	9	1.12	36	18	83.2	16	31.3	16	8.0	12	53.15	4
GC 377	766.84	11	1453	13	3920	15	37.07	11	4.53	11	1.15	37	8	83.3	14	30.4	20	8.5	6	52.77	7
Garst/Agripro 4600RR	761.14	12	1511	10	4189	11	36.06	16	4.63	6	1.08	35	22	83.0	19	30.4	19	8.7	3	50.39	18
NuCOTN 35B	733.59	13	1428	15	4033	12	35.42	17	4.58	8	1.13	36	16	83.1	18	33.2	9	8.0	15	51.36	13
DP 448B	730.84	14	1350	19	3844	17	35.11	18	4.20	22	1.14	37	11	82.8	22	30.1	21	7.6	22	54.15	2
DP 5415	723.59	15	1358	18	3700	19	36.70	13	4.50	14	1.15	37	9	84.1	9	32.3	11	8.4	9	53.29	3
GC 271	716.71	16	1461	12	4203	10	34.77	21	4.63	7	1.20	37	5	84.4	7	34.1	4	8.5	7	49.05	19
Sure-Grow 821	707.36	17	1337	20	3558	21	37.58	8	4.57	10	1.10	35	21	83.8	12	31.5	15	8.9	1	52.90	5
DP5690RR	699.61	18	1384	16	3910	16	36.13	15	4.67	4	1.15	37	10	83.9	10	33.9	5	7.9	16	50.55	15
SG 747*	690.36	19	1484	11	3970	14	37.38	9	4.80	3	1.13	36	15	83.2	15	28.6	22	8.6	4	46.52	22
DP 5690RR	687.73	20	1362	17	3831	18	34.83	20	4.50	13	1.13	36	13	83.3	13	34.6	2	8.0	13	50.50	16
NuCOTN 33B	668.20	21	1264	21	3625	20	34.88	19	4.47	15	1.12	36	19	82.9	20	31.1	17	8.2	11	52.85	6
DP 655B/RR	602.96	22	1106	22	3237	22	34.18	22	4.65	5	1.13	36	14	82.9	21	33.1	10	7.7	19	54.50	1

GRAND MEAN	791.07		1545		4161		37.00		4.55		1.15			83.8		32.4		8.2		51.21	
CHECK MEAN	821.23		1723		4472		38.47		4.88		1.13			84.0		30.4		8.6		47.56	
LSD (0.10)	75.59		147		404		1.04		0.31		0.03			1.1		1.5		0.3		2.70	
					4586.32																
CV (%)	9.97		9.93		10.13		2.00		4.87		2.12			0.95		3.40		2.89		3.77	
R-SQUARED	0.71		0.74		0.61		0.91		0.54		0.84			0.61		0.80		0.82		0.65	
MSE	6224.36		23539.72		177806.46		0.55		0.05		0.00			0.64		1.21		0.06		3.72	
SED	45.55		88.58		243.45		0.61		0.18		0.02			0.66		0.91		0.20		1.60	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		2		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Planted: April 30, 2001 Harvested: October 4, 2001

Table 13: Rolling Fork, MS location of the Delta Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Commerce Very Fine Sandy Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
DeltaPEARL	591.68	1	1208	1	3027	1	39.89	2	4.73	7	1.15	37	3	83.5	5	30.1	10	7.6	19	49.00	8
SG 747*	507.78	2	1021	3	2662	3	38.35	6	4.77	6	1.06	34	20	82.7	14	26.3	22	8.2	8	49.75	3
FM 966	496.34	3	1049	2	2723	2	38.54	4	4.70	9	1.14	37	4	84.5	1	33.1	1	7.5	21	47.30	18
DP 491	484.09	4	961	6	2349	15	40.91	1	4.67	10	1.20	37	1	84.1	3	31.4	3	7.8	10	50.40	1
DP 458B/RR	479.53	5	979	5	2632	4	37.19	11	4.53	14	1.07	34	17	82.1	19	28.8	14	7.8	9	48.99	9
DP 565	477.17	6	957	7	2544	7	37.60	9	4.63	11	1.11	36	6	83.0	9	29.4	12	7.7	15	49.87	2
FM 966 BG (E 6479)	464.11	7	999	4	2594	5	38.52	5	4.07	21	1.15	37	2	83.4	6	30.7	6	7.5	22	46.45	21
GC 377	454.53	8	956	8	2578	6	37.07	12	4.80	3	1.07	34	16	82.7	12	28.8	15	8.4	3	47.57	16
ST 580	453.43	9	922	10	2466	10	37.39	10	4.10	20	1.08	35	15	83.0	10	28.2	17	8.2	5	49.17	6
DP 5690RR	424.14	10	891	12	2230	20	35.31	20	4.43	15	1.06	34	21	82.4	16	31.2	4	7.8	11	47.62	15
ST 474*	421.73	11	883	13	2324	18	37.99	8	4.80	4	1.07	34	18	82.9	11	28.9	13	8.2	7	47.77	14
PSC 355*	421.55	12	940	9	2453	12	38.29	7	4.80	5	1.08	35	13	84.3	2	30.0	11	9.0	1	44.87	22
Sure-Grow 821	419.78	13	852	14	2343	17	36.38	14	4.60	13	1.08	35	11	83.0	8	28.7	16	9.0	2	49.25	5
Garst/Agripro 4600RR	419.02	14	898	11	2483	9	36.16	16	4.40	16	1.03	33	22	82.7	13	27.4	19	7.8	12	46.67	20
DP 448B	411.03	15	839	17	2347	16	35.73	18	4.33	17	1.08	35	10	82.6	15	26.5	21	7.6	18	49.02	7
NuCOTN 35B	410.33	16	845	16	2356	13	35.87	17	4.23	19	1.08	35	14	82.0	20	31.9	2	7.7	16	48.55	12
DP 655B/RR	405.66	17	821	18	2349	14	34.93	21	4.27	18	1.08	35	9	82.2	18	30.4	8	7.5	20	49.44	4
GC 271	403.52	18	849	15	2466	11	34.44	22	4.60	12	1.12	36	5	84.0	4	31.0	5	8.2	4	47.52	17
DP 5415	395.19	19	808	20	2184	21	36.98	13	4.70	8	1.06	34	19	81.8	21	27.7	18	8.2	6	48.94	10
DP5690RR	392.20	20	807	21	2522	8	36.20	15	4.00	22	1.08	35	12	81.6	22	30.4	7	7.6	17	48.59	11
ST X9905BR	386.06	21	795	22	2048	22	38.82	3	4.83	2	1.11	36	7	83.3	7	30.2	9	7.8	14	48.55	13
NuCOTN 33B	381.51	22	810	19	2284	19	35.47	19	5.30	1	1.10	35	8	82.3	17	26.7	20	7.8	13	47.09	19

GRAND MEAN	440.93		913		2453		37.18		4.56		1.09			82.9		29.4		7.9		48.29	
CHECK MEAN	450.36		948		2480		38.21		4.79		1.07			83.3		28.4		8.4		47.46	
LSD (0.10)	41.77		86		230		1.00		0.62		0.02			0.9		1.4		0.3		2.81	
					2797.22																
CV (%)	9.89		9.86		9.78		1.96		9.98		1.53			0.80		3.44		3.03		4.23	
R-SQUARED	0.64		0.63		0.53		0.89		0.42		0.89			0.69		0.84		0.83		0.41	
MSE	1900.38		8108.41		57601.09		0.53		0.21		0.00			0.44		1.03		0.06		4.18	
SED	25.17		51.99		138.57		0.60		0.37		0.01			0.54		0.83		0.20		1.67	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		2		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Planted: April 30, 2001 Harvested: September 26, 2001

Table 14: Tribbett, MS location of the Delta Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Forestdale Silty Clay Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
ST 580	407.00	1	834	2	2218	1	37.59	13	4.90	9	1.07	34	19	82.9	16	27.9	16	8.4	5	48.82	9
FM 966 BG (E 6479)	389.50	2	797	3	2026	5	39.34	6	4.47	22	1.17	37	2	84.0	3	31.2	3	7.9	13	48.85	8
PSC 355*	386.56	3	875	1	2198	2	39.82	4	5.03	5	1.09	35	17	83.7	4	29.0	12	8.9	3	44.17	22
SG 747*	368.74	4	794	4	2027	4	39.17	8	5.03	7	1.09	35	16	83.3	11	26.4	21	8.9	2	46.45	17
NuCOTN 35B	363.84	5	753	6	2049	3	36.72	20	4.73	17	1.11	36	9	82.2	22	29.9	8	7.5	21	48.34	10
ST 474*	348.83	6	780	5	1981	6	39.35	5	5.03	3	1.06	34	21	83.1	14	28.5	13	8.7	4	44.75	21
NuCOTN 33B	336.33	7	665	7	1855	8	35.87	21	4.83	11	1.10	35	12	82.7	18	26.9	20	8.0	12	50.55	2
Sure-Grow 821	321.95	8	646	10	1663	12	38.85	9	4.83	13	1.10	35	15	83.4	8	29.7	9	9.3	1	49.85	4
DP 448B	319.45	9	613	17	1650	14	37.12	14	4.63	19	1.10	35	13	83.3	9	27.0	19	7.7	16	52.14	1
DP 5690RR	314.26	10	636	12	1713	9	37.11	15	4.77	16	1.07	34	18	82.5	19	30.1	6	7.6	20	49.45	6
DP 655B/RR	313.21	11	626	14	1695	10	36.93	18	4.50	21	1.10	35	14	82.9	17	30.5	4	7.7	17	50.02	3
FM 966	308.83	12	628	13	1642	15	38.28	10	4.67	18	1.16	37	5	84.9	1	32.0	1	7.6	19	49.15	7
DP 565	305.88	13	614	16	1630	16	37.68	12	4.83	12	1.12	36	8	83.0	15	29.1	11	8.1	9	49.79	5
GC 271	305.34	14	660	8	1888	7	34.97	22	5.03	6	1.16	37	4	84.9	2	31.5	2	8.4	6	46.24	18
Garst/Agripro 4600RR	301.88	15	649	9	1653	13	39.26	7	4.80	14	1.05	34	22	83.1	13	26.3	22	8.3	7	46.55	16
GC 377	299.69	16	639	11	1680	11	38.05	11	4.97	8	1.10	35	10	83.3	12	27.4	17	8.0	11	46.90	14
DP 491	288.16	17	611	18	1466	21	41.66	1	4.87	10	1.20	37	1	83.3	10	30.4	5	7.8	14	47.20	13
DP5690RR	285.31	18	598	19	1616	17	36.97	17	4.60	20	1.07	34	20	82.3	20	29.5	10	7.5	22	47.75	12
ST X9905BR	279.36	19	620	15	1536	18	40.37	2	5.17	1	1.12	36	6	83.5	7	30.0	7	7.7	15	45.07	20
DeltaPEARL	277.53	20	593	20	1477	20	40.12	3	5.03	4	1.16	37	3	83.5	5	28.4	15	7.7	18	46.84	15
DP 458B/RR	269.47	21	560	21	1521	19	36.81	19	4.80	15	1.10	35	11	82.3	21	28.4	14	8.1	10	48.12	11
DP 5415	244.92	22	539	22	1455	22	37.04	16	5.07	2	1.12	36	7	83.5	6	27.3	18	8.3	8	45.44	19

GRAND MEAN	319.82		669		1756		38.14		4.85		1.11			83.3		29.0		8.1		47.84	
CHECK MEAN	368.04		816		2068		39.45		5.03		1.08			83.4		28.0		8.8		45.13	
LSD (0.10)	50.98		106		279		1.15		0.19		0.03			1.0		1.5		0.4		3.75	
					1939.11																
CV (%)	16.64		16.56		16.56		2.20		2.83		1.82			0.90		3.79		3.39		5.71	
R-SQUARED	0.54		0.55		0.54		0.86		0.75		0.85			0.60		0.77		0.84		0.47	
MSE	2831.49		12293.31		84623.31		0.70		0.02		0.00			0.56		1.21		0.08		7.46	
SED	30.72		64.01		167.95		0.68		0.11		0.02			0.61		0.90		0.22		2.23	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		2		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Planted: April 27, 2001 Harvested: October 2, 2001

Table 15a: Three-year Lint Yield Averages of the Hill Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	3-yr Mean Lint Yield		2001 Lint Yield		2000 Lint Yield		1999 Lint Yield	
	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank
FiberMax FM 958	1015	1	1205	4	952	3	888	22
PhytoGen PSC 355	1011	2	1122	11	953	2	957	3
MISCOT 8806	992	3	1061	22	966	1	949	4
Stoneville BXN 47	983	4	1167	8	844	23	938	7
Paymaster 1218BG/RR	982	5	1056	28	844	22	1048	1
Sure-Grow SG 747	980	6	1109	13	903	9	927	10
Deltapine DP 20B	975	7	1047	30	947	4	932	8
Deltapine DP 428B	970	8	1124	10	886	15	902	19
Deltapine DP 451B/RR	961	9	1080	17	873	19	929	9
MISCOT 8839	955	10	1058	24	918	6	888	23
Sure-Grow SG 105	951	11	1056	27	892	13	905	17
Paymaster PM 1560BG	932	12	1018	33	881	17	897	20
Deltapine DP 436RR	915	13	1115	12	799	34	830	29
Deltapine DP 425RR	898	14	1061	23	810	31	822	30

Table 15b: Three-year Lint Yield Averages of the Hill Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	3-yr Mean Lint Yield		2001 Lint Yield		2000 Lint Yield		1999 Lint Yield	
	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank
FiberMax FM 966	1056	1	1210	1	979	1	981	1
Sure-Grow SG 747*	1020	2	1158	4	950	2	954	4
Deltapine NuCotn 33 B	910	3	1048	16	807	14	874	10
Paymaster PM 1560 BG/RR	903	4	981	22	823	11	904	7

*Early Maturity Checks

Shaded values not significantly different from highest value within that year

Table 15c: Three-year Averages for the Hill Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	Lint Yield		Micronaire		Length (UHM)		Uniformity Index		Strength		Elongation	
	lb/A	Rank	Mic	Rank	in	Rank	%	Rank	g/tex	Rank	EL	Rank
FiberMax FM 958	1015	1	4.6	12	1.13	1	84.1	8	31.1	3	7.2	14
PhytoGen PSC 355	1011	2	4.8	3	1.09	11	84.1	5	31.7	1	8.9	1
MISCOT 8806	992	3	4.6	11	1.10	7	84.1	4	31.2	2	8.0	9
Stoneville BXN 47	983	4	4.7	6	1.10	9	84.1	7	29.1	6	7.9	13
Paymaster 1218BG/RR	982	5	4.6	13	1.06	14	83.4	14	28.8	7	8.1	7
Sure-Grow SG 747	980	6	4.9	1	1.10	10	84.4	2	28.5	9	8.6	2
Deltapine DP 20B	975	7	4.4	14	1.10	8	83.9	10	28.2	12	8.4	3
Deltapine DP 428B	970	8	4.7	7	1.10	6	83.8	12	27.2	14	7.9	11
Deltapine DP 451B/RR	961	9	4.6	10	1.10	5	83.9	9	28.1	13	7.9	12
MISCOT 8839	955	10	4.7	8	1.12	2	84.1	6	28.6	8	7.9	10
Sure-Grow SG 105	951	11	4.9	2	1.11	4	84.7	1	30.5	4	8.1	6
Paymaster PM 1560BG	932	12	4.6	9	1.09	13	83.9	11	30.4	5	8.2	5
Deltapine DP 436RR	915	13	4.7	5	1.11	3	84.2	3	28.5	10	8.4	4
Deltapine DP 425RR	898	14	4.8	4	1.09	12	83.8	13	28.3	11	8.1	8

Table 15d: Three-year Averages for the Hill Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	Lint Yield		Micronaire		Length (UHM)		Uniformity Index		Strength		Elongation	
	lb/A	Rank	Mic	Rank	in	Rank	%	Rank	g/tex	Rank	EL	Rank
FiberMax FM 966	1056	1	4.5	2	1.12	1	84.6	1	33.6	1	7.2	4
Sure-Grow SG 747*	1020	2	4.8	1	1.10	3	84.5	2	28.4	4	8.6	1
Deltapine NuCotn 33 B	910	3	4.4	3	1.10	2	83.4	4	29.4	3	8.1	2
Paymaster PM 1560 BG/RR	903	4	4.2	4	1.10	4	83.6	3	29.4	2	8.0	3

*Early Maturity Checks

Table 16a: Two-year Lint Yield Averages for the Hill Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	2-yr Mean Lint Yield		2001 Lint Yield		2000 Lint Yield	
	lb/A	Rank	lb/A	Rank	lb/A	Rank
FiberMax FM 958	1079	1	1205	4	952	3
Stoneville ST 4892BR	1069	2	1258	2	880	18
Stoneville ST 4691B	1050	3	1204	5	896	12
PhytoGen PSC 355	1038	4	1122	11	953	2
MISCOT 8806	1013	5	1061	22	966	1
Sure-Grow SG 747	1006	6	1109	13	903	9
Stoneville BXN 47	1005	7	1167	8	844	23
Stoneville BXN 49B	1005	8	1176	7	834	26
Deltapine DP 428B	1005	9	1124	10	886	15
Deltapine DP 20B	997	10	1047	30	947	4
Sure-Grow SG 501BR	994	11	1091	15	898	11
Stoneville ST 4793R	994	12	1047	31	942	5
MISCOT 8839	988	13	1058	24	918	6
Sure-Grow SG 125BR	987	14	1069	20	906	8
Deltapine DP 451B/RR	977	15	1080	17	873	19
Sure-Grow SG 105	974	16	1056	27	892	13
Deltapine DP 436RR	957	17	1115	12	799	34
Garst/Agripro AP9257	954	18	1089	16	819	29
Paymaster 1218BG/RR	950	19	1056	28	844	22
Paymaster 1560BG	949	20	1018	33	881	17
Sure-Grow SG 521R	938	21	1057	26	820	28
Deltapine DP 425RR	935	22	1061	23	810	31
Garst/Agripro 1500RR	875	23	950	38	800	32

Table 16b: Two-year Lint Yield Averages for the Hill Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trials.

NAME	2-yr Mean Lint Yield		2001 Lint Yield		2000 Lint Yield	
	lb/A	Rank	lb/A	Rank	lb/A	Rank
FiberMax FM 966	1094	1	1210	1	979	1
Sure-Grow SG 747*	1054	2	1158	4	950	2
PhytoGen PSC 355*	1044	3	1148	6	940	3
Stoneville ST X9905BR	1032	4	1175	3	890	8
Stoneville ST 580	985	5	1078	14	891	7
Deltapine DP 458B/RR	984	6	1114	9	854	9
Deltapine NuCotn 33 B	927	7	1048	16	807	14
Deltapine DP 655B/RR	913	8	1044	17	783	15
Paymaster PM 1560 BG/RR	902	9	981	22	823	11

*Early Maturity Checks

Shaded values not significantly different from highest value within that year

Table 16c: Two Year Averages for the Hill Region Early Maturity Test of the 2001 Mississippi Cotton Variety Trials.

NAME	Lint Yield		Mic		Length		Uniformity Index		Strength		Elongation	
	#/A	Rank	Mic	Rank	UHM	Rank	%	Rank	g/tex	Rank	EL	Rank
FiberMax FM 958	1079	1	4.5	18	1.13	1	83.9	8	30.9	2	7.8	23
Stoneville ST 4892BR	1069	2	4.7	6	1.08	18	83.8	10	29.7	9	8.5	12
Stoneville ST 4691B	1050	3	4.5	17	1.10	10	83.6	17	28.2	15	8.2	20
PhytoGen PSC 355	1038	4	4.7	3	1.10	11	83.8	9	31.1	1	9.1	1
MISCOT 8806	1013	5	4.6	8	1.10	9	83.8	12	30.6	3	8.5	10
Sure-Grow SG 747	1006	6	4.8	2	1.09	13	84.2	2	27.6	22	8.7	4
Stoneville BXN 47	1005	7	4.6	14	1.10	12	84.0	4	28.8	13	8.3	18
Stoneville BXN 49B	1005	8	4.3	22	1.13	2	83.9	6	28.5	14	8.3	16
Deltapine DP 428B	1005	9	4.6	13	1.11	5	83.7	16	26.8	23	8.2	21
Deltapine DP 20B	997	10	4.4	20	1.10	8	83.9	7	27.8	19	8.5	11
Sure-Grow SG 501BR	994	11	4.7	4	1.08	19	84.0	3	30.3	4	8.9	2
Stoneville ST 4793R	994	12	4.6	12	1.09	15	83.4	20	30.0	7	8.5	9
MISCOT 8839	988	13	4.6	10	1.11	3	83.8	11	28.1	16	8.3	15
Sure-Grow SG 125BR	987	14	4.5	19	1.07	21	83.6	18	28.0	17	8.5	7
Deltapine DP 451B/RR	977	15	4.6	9	1.10	7	83.7	15	28.0	18	8.3	17
Sure-Grow SG 105	974	16	4.8	1	1.11	6	84.3	1	30.1	5	8.6	6
Deltapine DP 436RR	957	17	4.7	5	1.11	4	83.9	5	27.8	20	8.6	5
Garst/Agripro AP9257	954	18	4.4	21	1.07	20	83.1	22	28.9	11	8.1	22
Paymaster 1218BG/RR	950	19	4.6	16	1.07	22	83.4	21	29.0	10	8.4	13
Paymaster 1560BG	949	20	4.6	15	1.09	16	83.7	14	29.9	8	8.5	8
Sure-Grow SG 521R	938	21	4.6	11	1.06	23	83.8	13	28.9	12	8.8	3
Deltapine DP 425RR	935	22	4.7	7	1.09	17	83.5	19	27.7	21	8.3	14
Garst/Agripro 1500RR	875	23	4.0	23	1.09	14	83.1	23	30.0	6	8.3	19

Table 16d: Two Year Averages for the Hill Region Mid-Maturity Test of the 2001 Mississippi Cotton Variety Trials.

NAME	Lint Yield		Mic		Length		Uniformity Index		Strength		Elongation	
	#/A	Rank	Mic	Rank	UHM	Rank	%	Rank	g/tex	Rank	EL	Rank
FiberMax FM 966	1094	1	4.4	5	1.12	1	84.5	1	33.8	1	8.0	10
Sure-Grow SG 747**	1054	2	4.7	1	1.10	6	84.2	2	27.4	10	8.8	3
PhytoGen PSC 355**	1044	3	4.7	2	1.09	9	83.8	3	30.4	3	9.2	1
Stoneville ST X9905BR	1032	4	4.3	7	1.10	7	83.1	9	29.9	5	8.1	9
Stoneville ST 580	985	5	4.6	4	1.11	3	83.5	4	29.9	4	8.8	2
Deltapine DP 458B/RR	984	6	4.7	3	1.10	8	83.1	8	29.4	6	8.4	6
Garst/Agripro 4600RR	952	7	4.4	6	1.05	10	82.7	10	28.3	9	8.5	4
Deltapine NuCotn 33 B	927	8	4.3	8	1.11	2	83.3	6	28.7	8	8.4	5
Deltapine DP 655B/RR	913	9	4.3	9	1.10	5	83.2	7	31.0	2	8.2	8
Paymaster PM 1560 BG/RR	902	10	4.2	10	1.10	4	83.5	5	29.0	7	8.3	7

**Early Maturity Checks

Table 17: Averages for the Hill Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trial.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FiberMax FM 966	692.56	1	1290	1	3210	1	40.16	8	4.57	22	1.15	37	5	84.8	3	35.2	1	7.9	37	52.76	7
Deltapine DP 491	646.41	2	1194	6	2954	10	40.31	4	4.19	36	1.19	37	1	84.7	7	31.5	8	8.0	36	53.27	1
FiberMax FM 958	644.80	3	1205	4	2965	9	40.50	2	4.63	16	1.16	37	3	84.6	8	32.9	3	7.9	38	52.74	8
Stoneville ST 4892BR	634.21	4	1258	2	3118	3	40.25	6	4.81	5	1.10	35	30	84.2	19	30.5	17	8.7	14	50.50	29
Sure-Grow SG 215BG/RR	631.73	5	1227	3	3014	4	41.57	1	4.57	21	1.08	35	38	83.7	33	28.1	36	8.8	8	51.05	25
Stoneville ST 4691B	620.87	6	1204	5	2988	7	40.29	5	4.61	19	1.12	36	16	84.1	22	29.1	30	8.4	29	51.38	21
Stoneville BXN 49B	611.95	7	1176	7	3004	5	39.11	16	4.43	30	1.14	37	6	84.4	11	29.3	26	8.4	24	51.74	14
Stoneville BXN 47	590.40	8	1167	8	2913	12	39.76	10	4.72	8	1.11	36	24	84.3	18	29.6	22	8.4	28	50.26	32
FiberMax FM 958 BG	588.87	9	1097	14	2792	23	39.21	15	4.42	31	1.14	37	7	84.6	9	33.8	2	8.2	33	52.78	6
Stoneville ST 457	587.98	10	1126	9	2849	16	39.36	14	4.45	29	1.12	36	17	84.2	21	30.9	10	9.3	1	51.59	16
Deltapine DP 428B	583.71	11	1124	10	2980	8	37.48	31	4.61	20	1.13	36	13	83.9	29	27.6	38	8.2	34	51.50	18
Deltapine DP 436RR	581.44	12	1115	12	3135	2	35.45	38	4.66	14	1.14	37	10	84.4	14	28.4	35	8.7	9	51.73	15
Deltapine DP 451B/RR	578.10	13	1080	17	2998	6	35.99	36	4.57	23	1.13	36	11	84.7	6	28.6	32	8.3	32	52.92	4
DES 607	575.12	14	1071	18	2660	30	39.93	9	4.39	33	1.14	37	9	84.3	17	28.8	31	8.6	17	53.17	2
Garst/Agripro AP9257	572.83	15	1089	16	2817	20	38.82	19	4.26	35	1.10	35	32	83.3	38	29.5	23	8.1	35	51.48	19
PG-40	571.51	16	1058	25	2768	26	38.15	26	4.15	37	1.16	37	2	85.5	1	30.8	12	8.9	4	53.00	3
PhytoGen PSC 355	569.83	17	1122	11	2861	14	39.07	17	4.80	6	1.12	36	18	84.4	16	31.9	5	9.2	2	50.38	31
Sure-Grow SG 747	564.59	18	1109	13	2793	21	39.38	12	4.83	3	1.12	36	20	84.7	5	27.9	37	8.8	6	50.23	33
Deltapine NuCOTN 33B	563.73	19	1054	29	2835	18	37.04	32	4.37	34	1.13	36	12	83.9	30	29.8	20	8.4	31	52.85	5
Sure-Grow SG 125BR	563.51	20	1069	20	2895	13	36.87	34	4.47	27	1.11	36	28	83.8	32	29.1	29	8.7	13	52.31	11
RGC 2002	562.80	21	1069	19	2765	27	38.52	24	4.46	28	1.10	35	31	84.1	23	29.2	27	8.6	15	51.55	17
Deltapine DP 20B	562.71	22	1047	30	2918	11	35.82	37	4.42	32	1.14	37	8	84.4	12	28.4	34	8.6	19	52.54	9
DES 816	560.70	23	1065	21	2769	25	38.28	25	4.57	24	1.12	36	21	83.5	37	31.6	7	8.7	10	52.04	12
MISCOT 8839	556.66	24	1058	24	2793	22	37.78	30	4.70	11	1.15	37	4	84.8	2	29.4	24	8.4	27	51.95	13
Sure-Grow SG 521R	553.57	25	1057	26	2731	28	38.61	22	4.62	18	1.09	35	36	84.1	24	29.3	25	8.8	7	51.33	23
Sure-Grow SG 501BR	550.72	26	1091	15	2858	15	37.80	29	4.71	9	1.09	35	34	84.2	20	31.1	9	8.9	3	50.42	30
MISCOT 8806	548.37	27	1061	22	2781	24	38.02	27	4.75	7	1.13	36	14	84.4	15	32.0	4	8.6	16	50.76	28
Deltapine DP 425RR	546.57	28	1061	23	2846	17	37.00	33	4.66	13	1.12	36	23	84.0	25	28.6	33	8.5	21	51.47	20
DES 810	539.06	29	1034	32	2832	19	36.45	35	4.53	25	1.10	35	33	83.5	35	31.7	6	8.7	11	50.80	27
Sure-Grow SG 105	529.86	30	1056	27	2711	29	38.89	18	4.84	2	1.12	36	15	84.8	4	30.8	14	8.6	20	49.79	36
Stoneville ST 4793R	526.79	31	1047	31	2615	32	40.17	7	4.83	4	1.09	35	35	84.0	26	30.7	15	8.7	12	50.03	35
Paymaster PM 1560BG	524.92	32	1018	33	2610	33	38.65	21	4.49	26	1.11	36	25	83.9	31	30.2	18	8.5	22	51.32	24
Paymaster PM 1218BG/RR	522.28	33	1056	28	2659	31	39.59	11	4.65	15	1.08	35	37	83.5	34	29.2	28	8.4	25	49.77	37
RGC 2001	515.51	34	1000	36	2572	34	38.52	23	4.63	17	1.12	36	19	84.0	27	30.8	13	8.5	23	50.92	26
MISCOT 8806-3-2-35	510.20	35	1008	34	2497	38	40.34	3	4.70	10	1.11	36	27	84.0	28	29.7	21	8.6	18	50.16	34
Garst/Agripro 1500RR	503.75	36	950	38	2505	36	38.00	28	4.03	38	1.12	36	22	83.5	36	30.9	11	8.4	30	52.42	10
MISCOT 8806-3-2-21	501.32	37	968	37	2498	37	38.74	20	4.67	12	1.11	36	26	84.4	13	30.1	19	8.9	5	51.37	22
Paymaster PM1199RR	496.09	38	1001	35	2536	35	39.36	13	4.85	1	1.10	35	29	84.6	10	30.7	16	8.4	26	49.69	38

GRAND MEAN	568.05		1092		2817		38.66		4.57		1.12			84.2		30.2		8.5		51.47	
CHECK MEAN	567.21		1116		2827		39.23		4.82		1.12			84.5		29.9		9.0		50.30	
LSD (0.10)	28.04		54		139		1.24		0.12		0.01			0.4		0.6		0.1		1.13	
CV (%)	13.07		12.98		13.08		6.63		5.41		1.99			0.91		3.91		3.38		4.51	
R-SQUARED	0.81		0.79		0.78		0.56		0.77		0.79			0.68		0.79		0.80		0.73	
MSE	5511.14		20070.14		135663.56		6.57		0.06		0.00			0.59		1.40		0.08		5.39	
SED	17.03		32.50		84.50		0.76		0.07		0.01			0.23		0.35		0.09		0.68	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	38		38		38		23		23		23			23		23		23		23	
TAIL	2		2		2		2		2		2			2		2		2		2	

Shaded values not significantly different from highest value.

Table 18: Holly Springs, MS location of the Hill Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Grenada Silt Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Garst/Agripro AP9257	766.47	1	1402	5	3804	2	36.86	29	4.43	36	1.10	35	27	82.7	34	31.4	16	8.4	36	54.67	7
ST 457	752.97	2	1386	6	3592	6	38.59	14	4.57	33	1.11	36	15	83.5	19	31.8	11	9.6	2	54.32	12
DP 491	751.72	3	1373	9	3440	13	39.90	3	4.47	35	1.15	37	1	84.6	2	33.2	7	8.5	35	54.77	5
PM 1560BG	751.37	4	1471	1	3802	3	38.68	12	5.13	2	1.11	36	13	83.6	15	31.2	19	8.9	26	51.09	28
BXN 49B	748.99	5	1378	7	3612	5	38.16	18	4.37	37	1.11	36	20	83.1	28	30.0	30	8.9	18	54.34	11
BXN 47	748.82	6	1376	8	3575	8	38.48	15	4.77	22	1.12	36	12	83.7	13	31.6	12	8.9	25	54.44	8
DES 607	748.80	7	1370	10	3457	11	39.62	5	4.67	27	1.14	37	2	84.1	4	29.6	33	8.9	20	54.67	6
DP 436RR	744.39	8	1411	3	3998	1	35.30	36	5.00	9	1.14	37	5	82.7	33	28.9	36	9.1	8	52.75	24
RGC 2002	741.64	9	1368	11	3581	7	38.21	17	4.63	30	1.08	35	30	83.0	29	30.6	23	9.1	6	54.20	13
ST 4892BR	734.69	10	1448	2	3699	4	39.14	9	4.97	11	1.07	34	33	83.0	30	31.5	14	9.0	13	50.75	29
Sure-Grow 521R	729.86	11	1308	14	3450	12	37.91	22	4.50	34	1.11	36	16	83.3	24	30.6	22	9.1	9	55.80	1
ST 4691B	724.35	12	1333	12	3396	14	39.25	8	4.67	26	1.11	36	17	83.6	17	30.5	25	8.9	23	54.34	10
Sure-Grow 747	711.27	13	1403	4	3539	10	39.65	4	4.97	12	1.09	35	28	83.3	26	28.8	37	9.3	5	50.69	31
PG-40	696.78	14	1272	16	3325	18	38.24	16	4.60	32	1.13	36	6	84.5	3	32.5	8	9.0	14	54.80	4
DP 20B	671.79	15	1255	18	3570	9	35.15	37	4.77	23	1.14	37	3	83.3	23	29.6	34	9.0	12	53.55	17
FM 966	666.60	16	1243	19	3165	26	39.26	7	4.67	28	1.12	36	9	84.1	5	33.9	4	7.9	38	53.65	16
FM 958	655.66	17	1188	25	3009	32	39.48	6	4.73	25	1.12	36	10	83.7	14	34.9	2	8.3	37	55.19	2
SG 215BG/RR	655.54	18	1271	17	3387	15	37.52	26	4.90	14	1.06	34	38	82.2	37	28.9	35	9.1	7	51.59	27
DES 816	653.99	19	1230	20	3226	20	38.13	20	4.87	16	1.11	36	19	83.4	22	32.5	9	8.9	15	53.17	20
DES 810	645.81	20	1207	23	3381	16	35.69	35	4.80	19	1.08	35	31	82.8	32	34.0	3	9.1	11	53.52	18
MISCOT 8839	638.02	21	1203	24	3180	24	37.82	24	4.90	13	1.14	37	4	84.8	1	30.2	29	8.9	27	53.05	22
NuCOTN 33B	637.76	22	1173	28	3198	21	36.68	32	4.63	31	1.12	36	7	83.5	20	30.7	21	8.9	16	54.37	9
MISCOT 8806	635.87	23	1276	15	3366	17	37.91	23	5.10	4	1.11	36	21	83.4	21	31.5	13	9.1	10	49.84	36
MISCOT 8806-3-2-35	630.80	24	1222	21	3027	31	40.37	1	5.00	10	1.11	36	18	83.8	11	30.5	24	8.9	22	51.62	26
PM 1218BG/RR	620.91	25	1323	13	3301	19	40.09	2	5.30	1	1.07	34	35	82.9	31	29.9	31	8.8	28	46.92	38
Sure-Grow 125BR	616.59	26	1171	29	3187	22	36.73	31	4.80	20	1.10	35	26	82.6	36	30.2	28	8.9	17	52.67	25
RGC 2001	611.73	27	1149	30	2956	34	38.87	11	4.83	18	1.12	36	8	84.1	6	31.4	17	8.8	30	53.24	19
Garst/Agripro 1500RR	608.18	28	1144	31	3104	29	36.85	30	4.23	38	1.09	35	29	83.3	25	31.2	18	8.6	33	53.17	21
DP 428B	600.09	29	1136	33	3174	25	35.78	34	4.87	15	1.10	35	25	82.2	38	28.3	38	8.7	32	52.84	23
ST 4793R	596.72	30	1177	27	3104	28	37.91	21	4.83	17	1.07	34	34	82.6	35	30.2	26	8.9	19	50.72	30
PSC 355	589.38	31	1179	26	3125	27	37.74	25	5.10	5	1.11	36	14	83.6	16	33.5	6	9.9	1	49.99	35
Sure-Grow 105	575.65	32	1142	32	3092	30	36.94	28	5.07	6	1.10	35	24	84.0	8	30.7	20	8.8	29	50.40	33
PM1199RR	573.46	33	1213	22	3181	23	38.14	19	5.13	3	1.06	34	37	83.6	18	31.9	10	8.9	24	47.27	37
MISCOT 8806-3-2-21	570.42	34	1131	34	2927	35	38.63	13	5.00	8	1.07	34	36	83.7	12	31.5	15	9.4	4	50.45	32
DP 425RR	566.65	35	1054	36	2904	36	36.30	33	4.73	24	1.10	35	23	83.8	9	30.2	27	8.9	21	53.77	14
Sure-Grow 501BR	559.67	36	1114	35	2993	33	37.22	27	5.03	7	1.08	35	32	83.3	27	33.5	5	9.5	3	50.24	34
DP 451B/RR	540.25	37	986	37	2880	37	34.22	38	4.77	21	1.12	36	11	84.0	7	29.7	32	8.6	34	54.82	3
E 6478	511.40	38	953	38	2450	38	38.88	10	4.67	29	1.10	35	22	83.8	10	35.9	1	8.7	31	53.69	15

GRAND MEAN	657.50		1248		3294		37.90		4.80		1.10			83.5		31.2		8.9		52.67	
CHECK MEAN	650.32		1291		3332		38.69		5.03		1.10			83.5		31.2		9.6		50.34	
LSD (0.10)	62.60		118		311		1.19		0.28		0.03			1.1		1.7		0.3		3.51	
CV (%)	9.98		9.94		9.90		2.32		4.28		2.05			0.95		3.96		2.65		4.90	
R-SQUARED	0.61		0.57		0.54		0.82		0.70		0.66			0.61		0.76		0.77		0.54	
MSE	4302.50		15381.68		106346.59		0.77		0.04		0.00			0.62		1.53		0.06		6.67	
SED	37.87		71.60		188.28		0.72		0.17		0.02			0.64		1.01		0.19		2.11	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		2		2		2		2			2		2		2		2	

Shaded values not significantly different from highest value.

Planted: May 2, 2001 Harvested: October 7, 2001

Table 19: Nesbit, MS location of the Hill Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Collins Silt Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
ST 4892BR	748.04	1	1572	1	3760	2	41.79	1	4.93	28	1.09	35	34	84.3	23	30.3	18	8.2	20	47.60	21
SG 215BG/RR	724.75	2	1494	2	3669	3	40.73	7	5.20	7	1.07	34	38	83.6	33	29.4	23	8.7	4	48.50	19
PG-40	698.98	3	1278	20	3348	15	38.16	29	4.43	38	1.17	37	3	86.7	1	31.7	10	8.6	6	54.70	1
DP 20B	698.73	4	1288	19	3465	11	37.16	35	4.67	35	1.15	37	7	85.1	10	28.3	33	8.2	19	54.27	2
E 6478	686.12	5	1329	14	3353	14	39.64	21	5.00	20	1.12	36	21	84.6	20	32.4	6	7.9	31	51.62	7
DP 451B/RR	684.55	6	1324	15	3541	8	37.40	34	4.87	30	1.15	37	5	85.8	3	29.1	28	8.1	22	51.69	5
ST 4691B	680.81	7	1493	3	3623	5	41.21	4	5.00	17	1.12	36	20	84.9	12	28.1	36	8.0	26	45.60	32
DP 436RR	676.73	8	1425	7	3914	1	36.41	37	5.10	11	1.14	37	9	85.4	6	29.5	22	8.3	17	47.49	23
MISCOT 8806	673.96	9	1336	12	3501	10	38.16	30	5.00	19	1.15	37	6	85.7	4	32.9	3	8.4	12	50.44	11
BXN 47	673.71	10	1475	4	3550	7	41.56	2	5.10	13	1.13	36	17	85.4	7	30.0	20	7.9	29	45.67	31
BXN 49B	673.22	11	1452	5	3567	6	40.70	9	4.93	27	1.13	36	16	84.2	25	29.5	21	7.8	33	46.37	29
DES 607	664.51	12	1295	18	3138	27	41.26	3	4.80	33	1.12	36	18	84.0	31	28.8	32	8.3	18	51.32	9
Sure-Grow 501BR	661.57	13	1427	6	3625	4	39.37	22	5.10	12	1.09	35	33	84.3	24	31.6	11	8.8	3	46.35	30
Sure-Grow 747	658.42	14	1337	11	3315	17	40.34	16	5.13	10	1.14	37	11	85.7	5	28.2	35	8.4	16	49.24	17
DP 428B	652.81	15	1391	8	3421	12	40.67	10	4.93	26	1.14	37	10	84.0	28	27.1	38	7.6	38	46.92	26
RGC 2002	644.81	16	1274	21	3201	21	39.81	20	4.97	23	1.13	36	15	84.8	13	29.0	29	8.4	15	50.60	10
DP 491	637.42	17	1237	27	3180	24	38.89	26	4.57	36	1.21	37	1	86.0	2	31.2	13	7.7	36	51.55	8
FM 966	635.46	18	1230	29	3021	32	40.71	8	5.07	14	1.11	36	22	84.7	16	36.3	1	7.8	34	51.67	6
Sure-Grow 125BR	626.12	19	1254	23	3195	22	39.23	23	4.83	31	1.11	36	24	84.4	22	28.3	34	8.0	24	49.95	13
DES 816	616.61	20	1245	26	3209	20	38.78	27	5.07	15	1.12	36	19	84.0	29	32.2	9	8.4	13	49.54	15
DP 425RR	616.50	21	1372	9	3515	9	39.03	24	5.17	9	1.10	35	27	84.5	21	28.0	37	8.1	21	44.94	33
ST 457	614.93	22	1300	17	3188	23	40.76	6	4.90	29	1.10	35	30	83.6	34	32.3	7	9.1	2	47.32	24
Sure-Grow 105	609.05	23	1301	16	3262	19	39.88	19	5.23	6	1.14	37	8	84.8	15	30.7	16	8.4	14	46.82	27
Sure-Grow 521R	608.56	24	1231	28	3159	25	38.96	25	4.97	21	1.10	35	32	84.1	26	29.3	24	8.6	8	49.45	16
MISCOT 8839	603.12	25	1248	24	3318	16	37.62	33	5.03	16	1.16	37	4	84.9	11	29.2	26	7.8	35	48.32	20
PSC 355	600.58	26	1369	10	3374	13	40.58	13	5.33	4	1.10	35	26	84.6	19	33.8	2	9.5	1	43.87	36
Garst/Agripro 1500RR	599.52	27	1159	33	2998	33	38.67	28	4.43	37	1.08	35	36	82.7	37	31.0	14	8.0	25	51.72	4
Garst/Agripro AP9257	595.81	28	1198	31	3141	26	38.13	31	4.73	34	1.10	35	25	83.1	35	28.9	30	8.0	28	49.74	14
PM 1560BG	587.06	29	1255	22	3049	31	41.15	5	5.23	5	1.09	35	35	84.0	30	31.3	12	8.6	7	46.79	28
PM 1218BG/RR	577.56	30	1334	13	3285	18	40.62	12	5.20	8	1.08	35	37	84.0	27	29.2	27	7.9	30	43.29	37
DES 810	562.45	31	1124	35	3090	29	36.37	38	4.93	25	1.10	35	31	82.5	38	32.3	8	8.5	11	50.04	12
NuCOTN 33B	556.85	32	1138	34	3114	28	36.54	36	4.83	32	1.13	36	14	83.9	32	28.8	31	7.9	32	48.94	18
MISCOT 8806-3-2-35	555.38	33	1183	32	2957	35	40.02	18	4.97	22	1.14	37	13	84.6	17	29.2	25	8.0	27	46.94	25
FM 958	539.05	34	1041	38	2572	38	40.46	14	5.00	18	1.18	37	2	85.1	9	32.5	5	7.6	37	51.79	3
PM1199RR	530.25	35	1245	25	3063	30	40.65	11	5.37	1	1.10	35	28	84.8	14	30.7	17	8.0	23	42.59	38
ST 4793R	529.47	36	1204	30	2987	34	40.32	17	5.37	2	1.10	35	29	84.6	18	30.9	15	8.6	5	43.97	35
MISCOT 8806-3-2-21	512.26	37	1076	37	2838	36	37.92	32	4.97	24	1.14	37	12	85.3	8	30.3	19	8.5	9	47.60	22
RGC 2001	500.11	38	1123	36	2779	37	40.42	15	5.33	3	1.11	36	23	82.7	36	32.6	4	8.5	10	44.52	34

GRAND MEAN	624.10		1291		3271		39.48		4.99		1.12			84.5		30.4		8.2		48.41	
CHECK MEAN	629.50		1353		3344		40.46		5.23		1.12			85.1		31.0		8.9		46.55	
LSD (0.10)	59.11		121		306		1.83		0.34		0.03			1.1		1.5		0.4		4.86	
CV (%)	9.92		9.85		9.82		3.42		5.04		2.21			0.97		3.58		3.92		7.38	
R-SQUARED	0.55		0.53		0.50		0.66		0.58		0.70			0.69		0.84		0.72		0.52	
MSE	3835.27		16157.85		103124.54		1.82		0.06		0.00			0.67		1.19		0.10		12.77	
SED	35.76		73.39		185.40		1.10		0.21		0.02			0.67		0.89		0.26		2.92	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		2		2		2		2			2		2		2		2	

Shaded values not significantly different from highest value.

Planted: April, 30, 2001 Harvested: October 17, 2001

Table 20: Verona, MS location of the Hill Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Leeper Fine Sandy Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
SG 215BG/RR	615.47	1	1254	1	2580	5	57.28	1	4.05	24	1.07	34	34	84.3	5	28.1	36	8.88	3	49.91	22
FM 966	554.63	2	1121	2	2790	1	41.35	9	4.58	4	1.14	37	5	84.7	3	36.0	1	7.85	37	49.56	28
FM 958	540.81	3	1083	3	2693	2	42.40	3	4.50	5	1.14	37	4	83.9	14	33.0	3	7.75	38	50.56	17
DP 491	532.05	4	1045	5	2572	6	42.81	2	4.18	17	1.17	37	1	84.1	8	31.9	7	8.28	27	52.41	2
ST 4892BR	530.43	5	1059	4	2654	4	42.33	4	4.13	19	1.09	35	28	84.0	12	31.8	8	8.68	11	50.22	21
BXN 49B	519.27	6	1038	6	2675	3	40.11	22	4.03	25	1.12	36	8	83.6	24	30.1	22	8.23	29	50.28	20
ST 4691B	502.91	7	1003	7	2510	10	42.13	5	4.05	23	1.11	36	15	83.6	23	29.8	24	8.20	30	51.22	11
Sure-Grow 125BR	475.26	8	937	10	2546	7	38.60	33	3.90	33	1.11	36	13	83.6	22	29.4	28	8.75	6	52.05	5
Sure-Grow 501BR	469.56	9	940	9	2512	9	39.34	30	4.10	21	1.11	36	16	84.0	11	30.4	17	8.83	4	50.95	16
BXN 47	465.09	10	951	8	2446	11	41.63	8	3.98	29	1.10	35	26	83.5	25	29.6	25	8.13	32	49.70	27
DP 451B/RR	461.58	11	915	12	2520	8	38.53	34	4.15	18	1.10	35	18	83.3	32	28.8	34	8.10	33	50.95	15
NuCOTN 33B	457.52	12	897	13	2440	12	39.02	32	4.03	26	1.10	35	19	83.3	31	29.5	27	8.30	26	53.08	1
PG-40	454.63	13	916	11	2375	15	39.89	25	3.88	34	1.17	37	2	84.8	1	30.2	20	8.93	1	50.32	19
DP 425RR	441.82	14	877	16	2401	14	38.36	35	4.33	9	1.08	35	29	82.6	37	28.9	33	8.60	15	51.52	9
DP 428B	441.10	15	897	14	2401	13	39.47	29	4.10	20	1.10	35	17	83.3	33	27.7	37	7.85	35	49.55	29
PSC 355	434.51	16	896	15	2308	16	40.75	18	4.33	7	1.11	36	14	83.6	20	32.0	6	8.63	13	50.45	18
MISCOT 8839	426.85	17	847	21	2233	18	39.23	31	4.45	6	1.15	37	3	84.7	2	29.4	29	8.30	25	52.22	3
ST 457	424.69	18	865	18	2232	19	40.21	20	3.80	35	1.08	35	31	83.6	19	31.0	13	8.93	2	49.73	26
E 6478	422.06	19	852	20	2164	22	40.84	17	4.00	27	1.13	36	6	83.6	21	34.5	2	7.85	36	49.46	30
Sure-Grow 105	420.35	20	868	17	2207	20	41.25	11	4.33	10	1.10	35	22	84.2	7	30.8	14	8.55	18	49.13	32
ST 4793R	418.60	21	858	19	2110	25	41.75	7	4.33	8	1.06	34	37	83.4	28	31.4	10	8.60	16	48.05	34
DES 816	410.19	22	822	22	2165	21	39.86	27	4.28	12	1.12	36	11	81.9	38	31.2	11	8.58	17	51.13	13
Garst/Agripro 1500RR	404.43	23	806	26	2075	27	39.98	24	3.58	37	1.12	36	10	82.9	34	31.6	9	8.35	24	51.27	10
DP 436RR	404.05	24	806	27	2265	17	37.68	38	4.20	16	1.12	36	9	83.8	16	30.0	23	8.70	9	51.17	12
MISCOT 8806-3-2-35	401.60	25	802	28	1964	33	41.83	6	4.23	13	1.10	35	21	83.9	13	30.3	18	8.70	10	52.07	4
PM 1218BG/RR	400.91	26	814	24	2044	31	41.18	13	4.10	22	1.06	34	36	83.7	17	29.5	26	8.45	23	49.23	31
Garst/Agripro AP9257	391.69	27	821	23	2099	26	40.55	19	3.55	38	1.08	35	32	82.8	35	28.9	32	7.95	34	48.30	33
Sure-Grow 747	391.58	28	792	30	2026	32	41.34	10	4.28	11	1.10	35	20	84.7	4	27.7	38	8.75	8	51.82	7
DES 607	385.53	29	748	33	1892	36	41.24	12	3.90	31	1.13	36	7	83.3	30	28.9	31	8.45	22	52.02	6
Sure-Grow 521R	380.09	30	796	29	2068	29	40.05	23	4.23	14	1.07	34	35	84.0	10	30.1	21	8.75	7	47.35	36
MISCOT 8806	375.22	31	806	25	2126	23	39.57	28	4.75	1	1.09	35	27	83.9	15	32.6	4	8.63	14	46.07	38
DP 20B	372.85	32	763	32	2116	24	37.73	37	3.93	30	1.11	36	12	83.7	18	28.8	35	8.65	12	49.73	25
RGC 2002	372.02	33	782	31	2070	28	40.11	21	3.90	32	1.08	35	33	83.4	27	29.3	30	8.48	20	47.43	35
RGC 2001	363.89	34	740	35	1962	34	39.88	26	3.98	28	1.10	35	24	83.4	26	30.4	16	8.45	21	49.87	23
PM 1560BG	362.31	35	733	36	1897	35	41.10	14	3.80	36	1.10	35	23	82.7	36	30.5	15	8.20	31	49.85	24
DES 810	347.15	36	746	34	2056	30	38.35	36	4.23	15	1.05	34	38	83.4	29	32.2	5	8.50	19	46.18	37
PM1199RR	346.77	37	694	37	1745	37	40.97	15	4.58	3	1.10	35	25	84.3	6	31.0	12	8.25	28	51.06	14
MISCOT 8806-3-2-21	344.15	38	681	38	1741	38	40.95	16	4.63	2	1.08	35	30	84.0	9	30.3	19	8.78	5	51.72	8

GRAND MEAN	433.25		876		2255		40.78		4.14		1.10			83.7		30.5		8.44		50.20	
CHECK MEAN	413.05		844		2167		41.05		4.30		1.10			84.1		29.8		8.69		51.13	
LSD (0.10)	106.43		201		417		6.43		0.32		0.04			1.0		1.4		0.34		2.32	

CV (%)	29.76		27.84		22.40		13.45		6.69		2.82			0.97		3.93		3.44		3.95	
R-SQUARED	0.25		0.26		0.30		0.31		0.59		0.52			0.43		0.77		0.65		0.49	

MSE	16628.81		59427.87		254979.38		30.08		0.08		0.00			0.66		1.43		0.08		3.93	
SED	64.48		121.89		252.48		3.88		0.20		0.02			0.58		0.85		0.21		1.40	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	8		8		8		4		4		4			4		4		4		4	
TAIL	2		2		2		2		2		2			2		2		2		2	

Shaded values not significantly different from highest value.

Planted: May 8, 2001 Harvested: Oct 9, 2001

Table 21: Mississippi State University, MS location of the Hill Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Marietta Silt Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FM 966	755.61	1	1376	1	3498	1	39.34	8	4.73	19	1.21	37	5	85.2	26	35.0	1	8.1	38	54.90	17
FM 958	754.88	2	1375	2	3401	3	40.43	2	4.90	10	1.21	37	4	85.5	20	33.4	3	8.1	36	54.90	16
DP 491	740.70	3	1316	3	3173	8	41.49	1	4.37	35	1.27	37	1	85.7	15	31.5	5	8.1	37	56.27	1
E 6478	704.54	4	1258	5	3231	7	38.95	13	4.60	25	1.20	37	7	86.2	5	34.5	2	8.4	35	55.99	4
ST 4691B	678.59	5	1287	4	3236	6	39.78	5	4.97	4	1.18	37	18	85.2	27	28.3	32	8.9	21	52.72	32
DP 428B	669.95	6	1246	6	3368	4	36.98	30	4.93	7	1.19	37	13	85.4	22	27.3	38	8.7	32	53.79	26
DES 810	666.75	7	1233	7	3403	2	36.23	34	4.43	33	1.14	37	36	84.6	37	31.0	10	8.9	19	54.09	21
SG 215BG/RR	656.15	8	1191	8	3150	10	37.80	27	4.53	27	1.13	36	37	84.9	30	27.7	34	8.9	14	55.10	14
Sure-Grow 521R	642.87	9	1186	9	3073	11	38.58	15	4.83	14	1.12	36	38	84.8	33	28.7	28	8.9	16	54.22	19
DES 816	624.37	10	1123	15	2954	15	38.02	22	4.63	23	1.15	37	27	84.7	35	30.8	12	9.0	9	55.59	10
Sure-Grow 125BR	620.64	11	1127	14	3293	5	34.23	38	4.53	28	1.14	37	35	85.0	29	28.9	26	8.9	15	55.07	15
PSC 355	619.38	12	1110	18	2879	22	38.55	16	4.83	13	1.18	37	17	86.1	7	31.3	6	9.7	1	55.80	6
DP 436RR	617.85	13	1112	16	3158	9	35.21	35	4.73	18	1.18	37	20	85.4	21	27.6	37	9.0	13	55.57	11
MISCOT 8806	617.09	14	1147	11	3022	12	37.96	24	4.50	31	1.18	37	19	85.8	13	31.8	4	8.9	18	53.80	25
ST 457	608.78	15	1136	12	2930	18	38.78	14	4.60	24	1.20	37	8	85.7	14	30.2	15	9.4	2	53.59	29
RGC 2002	604.70	16	1095	19	2879	21	38.02	21	4.67	22	1.14	37	33	85.5	19	28.6	29	9.0	12	55.24	12
BXN 49B	598.96	17	1111	17	2891	19	38.42	17	4.43	32	1.23	37	2	86.3	2	29.2	22	9.1	6	53.92	22
Sure-Grow 501BR	581.35	18	1081	21	2863	23	37.77	28	4.73	17	1.15	37	32	85.4	23	31.3	7	9.4	3	53.77	28
ST 4892BR	580.47	19	1166	10	2931	17	39.77	6	5.50	1	1.17	37	21	85.9	11	30.2	14	8.8	26	49.79	38
Garst/Agripro AP9257	574.09	20	1032	25	2650	26	38.96	12	4.33	36	1.17	37	25	84.9	32	30.0	17	8.5	34	55.62	9
DP 20B	573.04	21	1028	26	2932	16	35.04	36	4.53	29	1.19	37	11	86.1	8	28.8	27	9.0	7	55.77	7
DP 425RR	571.77	22	1091	20	2990	13	36.49	33	4.97	3	1.18	37	16	85.6	17	28.6	30	9.0	10	52.40	34
DES 607	570.89	23	1042	24	2596	29	40.16	4	4.50	30	1.20	37	6	86.3	3	27.6	36	8.8	24	54.77	18
Sure-Grow 105	570.11	24	1073	22	2750	25	39.01	11	4.93	6	1.19	37	15	86.3	4	30.0	16	8.9	22	53.14	31
MISCOT 8839	566.50	25	1052	23	2831	24	37.16	29	4.83	15	1.21	37	3	85.5	18	29.1	24	8.7	33	53.85	23
Sure-Grow 747	565.97	26	1135	13	2889	20	39.29	9	5.13	2	1.16	37	26	85.9	10	28.0	33	9.0	11	49.85	37
DP 451B/RR	564.79	27	1023	28	2972	14	34.42	37	4.73	20	1.20	37	9	86.2	6	28.4	31	8.8	27	55.20	13
MISCOT 8806-3-2-21	545.81	28	975	34	2554	34	38.17	20	4.57	26	1.15	37	28	84.8	34	30.9	11	9.1	5	55.99	5
BXN 47	544.48	29	1006	29	2561	32	39.27	10	4.90	8	1.17	37	23	85.3	25	29.1	25	8.9	20	54.15	20
PG-40	543.51	30	969	35	2555	33	37.93	26	4.13	38	1.19	37	12	86.7	1	29.5	18	9.2	4	56.07	3
MISCOT 8806-3-2-35	536.08	31	1025	27	2542	35	40.33	3	4.97	5	1.15	37	30	84.7	36	29.5	19	9.0	8	52.30	35
PM 1560BG	535.15	32	994	32	2589	30	38.41	18	4.83	16	1.17	37	24	85.4	24	29.2	23	8.8	25	53.82	24
RGC 2001	530.71	33	987	33	2575	31	38.32	19	4.87	12	1.17	37	22	85.9	12	31.1	9	8.9	17	53.77	27
PM1199RR	526.16	34	1002	30	2635	27	38.01	23	4.87	11	1.15	37	31	85.9	9	29.2	20	8.7	29	52.52	33
NuCOTN 33B	520.99	35	935	36	2527	36	36.97	31	4.40	34	1.19	37	14	84.9	31	29.2	21	8.8	23	55.75	8
PM 1218BG/RR	520.16	36	997	31	2626	28	37.95	25	4.70	21	1.14	37	34	84.5	38	27.7	35	8.7	31	52.19	36
ST 4793R	497.48	37	929	37	2341	37	39.68	7	4.90	9	1.15	37	29	85.6	16	30.7	13	8.8	28	53.55	30
Garst/Agripro 1500RR	454.82	38	810	38	2213	38	36.61	32	4.27	37	1.20	37	10	85.0	28	31.2	8	8.7	30	56.15	2

GRAND MEAN	596.21		1099		2886		38.12		4.71		1.18			85.5		29.9		8.9		54.24	
CHECK MEAN	592.67		1123		2884		38.92		4.98		1.17			86.0		29.7		9.4		52.83	
LSD (0.10)	103.09		190		495		1.51		0.35		0.02			1.1		1.4		0.3		2.95	
CV (%)	18.12		18.06		17.96		2.92		5.47		1.46			0.91		3.40		2.63		4.00	
R-SQUARED	0.35		0.34		0.33		0.77		0.63		0.83			0.49		0.83		0.74		0.46	
MSE	11667.37		39446.51		268591.90		1.24		0.07		0.00			0.61		1.03		0.05		4.72	
SED	62.36		114.67		299.22		0.91		0.21		0.01			0.64		0.83		0.19		1.77	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6.00		6.00		6.00		3.00		3.00		3.00			3.00		3.00		3.00		3.00	
TAIL	2.00		2.00		2.00		2.00		2.00		2.00			2.00		2.00		2.00		2.00	

Shaded values not significantly different from highest value.
 Planted: May 16, 2001 Harvested: October 18, 2001

Table 22: Brooksville, MS location of the Hill Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Brooksville Silty Clay Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FM 966	587.09	1	1050	1	2527	1	41.54	3	4.33	33	1.15	37	2	85.90	1	37.4	1	8.4	37	55.94	1
FM 958	557.79	2	1007	2	2403	4	41.91	2	4.63	21	1.14	37	4	85.20	4	35.2	2	8.5	36	55.40	2
DP 428B	508.09	3	927	3	2432	2	38.09	31	4.50	26	1.10	35	17	84.50	19	28.4	37	8.5	34	54.84	8
DP 491	504.88	4	912	4	2157	11	42.28	1	4.33	34	1.18	37	1	84.83	10	32.3	9	8.2	38	55.37	4
DP 451B/RR	494.76	5	905	5	2423	3	37.33	35	4.50	27	1.11	36	12	85.07	5	29.2	33	8.5	32	54.70	12
NuCOTN 33B	482.15	6	873	9	2275	5	38.36	29	4.20	35	1.11	36	14	83.97	30	29.4	32	8.6	29	55.24	5
E 6478	475.70	7	859	10	2135	13	40.22	14	4.40	30	1.14	37	5	84.90	8	34.1	3	8.6	30	55.40	3
ST 4892BR	475.53	8	889	6	2180	8	40.80	9	4.80	10	1.09	35	25	84.53	15	30.6	24	9.1	3	53.47	22
ST 457	465.20	9	850	12	2105	16	40.38	12	4.53	25	1.12	36	10	84.03	29	30.5	25	9.7	1	54.74	10
DES 816	456.19	10	844	13	2163	10	39.02	25	4.80	11	1.09	35	28	83.70	33	33.2	5	8.9	10	54.04	19
DES 607	454.10	11	828	15	2012	22	41.17	6	4.57	23	1.10	35	21	84.50	20	30.1	28	8.8	17	54.82	9
Garst/Agripro AP9257	447.83	12	836	14	2070	19	40.37	13	4.33	32	1.08	35	31	83.10	37	30.8	19	8.6	31	53.60	20
Sure-Grow 105	440.48	13	875	8	2206	7	39.66	20	5.00	4	1.10	35	20	85.20	3	32.2	10	8.9	13	50.34	35
Sure-Grow 747	437.68	14	853	11	2110	15	40.42	11	5.00	3	1.10	35	19	84.87	9	28.1	38	9.0	8	51.30	34
DP 20B	436.31	15	800	20	2168	9	36.90	37	4.70	16	1.12	36	9	84.27	24	29.1	34	8.8	20	54.55	15
BXN 47	434.89	16	887	7	2141	12	41.45	4	5.10	1	1.09	35	26	84.47	22	30.7	23	8.8	19	49.02	38
RGC 2002	433.95	17	799	22	2000	24	39.94	16	4.47	28	1.08	35	29	84.63	13	30.4	27	9.0	9	54.30	17
PG-40	433.05	18	800	19	2072	18	38.63	27	4.10	36	1.14	37	3	85.50	2	32.0	11	9.1	6	54.12	18
PSC 355	432.14	19	810	18	2044	21	39.64	21	4.77	13	1.11	36	15	84.53	16	32.4	8	9.4	2	53.34	23
DP 425RR	431.88	20	794	25	2111	14	37.64	34	4.70	18	1.11	36	11	84.47	21	29.8	31	8.7	26	54.37	16
SG 215BG/RR	425.15	21	795	24	1987	25	39.99	15	4.37	31	1.07	34	34	83.93	31	28.7	36	8.9	15	53.50	21
Sure-Grow 521R	423.10	22	816	16	2049	20	39.84	19	4.87	8	1.07	34	35	84.53	18	30.8	21	8.9	16	51.84	31
DP 436RR	420.60	23	798	23	2224	6	35.87	38	4.77	14	1.13	36	8	84.63	12	29.1	35	8.9	14	52.74	27
Garst/Agripro 1500RR	419.33	24	768	29	1983	27	38.74	26	4.00	37	1.10	35	18	83.20	36	31.8	12	8.6	28	54.60	13
MISCOT 8839	416.43	25	756	30	1957	29	38.61	28	4.83	9	1.13	36	6	84.80	11	31.1	16	8.8	24	55.12	6
RGC 2001	414.00	26	781	27	1972	28	39.61	22	4.90	7	1.11	36	13	84.03	28	31.1	14	8.5	35	53.02	25
Sure-Grow 501BR	413.90	27	800	21	2102	17	38.02	32	4.57	22	1.06	34	37	84.57	14	30.8	18	8.9	11	51.77	32
BXN 49B	412.25	28	777	28	1947	30	39.87	18	4.70	19	1.13	36	7	84.53	17	29.9	30	8.8	25	53.09	24
ST 4793R	407.95	29	812	17	1983	26	40.94	7	4.90	6	1.06	34	36	84.13	27	31.5	13	8.8	21	50.24	36
ST 4691B	394.50	30	750	31	1812	36	41.39	5	4.73	15	1.09	35	24	83.53	35	30.0	29	8.6	27	52.60	29
DES 810	394.16	31	747	32	2009	23	37.16	36	4.80	12	1.08	35	30	84.27	23	32.8	6	8.9	12	52.79	26
MISCOT 8806	393.49	32	721	35	1840	33	39.19	24	4.70	17	1.10	35	22	83.63	34	33.6	4	8.8	18	54.55	14
MISCOT 8806-3-2-35	391.90	33	786	26	1921	31	40.92	8	5.03	2	1.07	34	33	83.90	32	30.8	22	9.0	7	49.85	37
Sure-Grow 125BR	388.29	34	709	37	1857	32	38.20	30	4.53	24	1.09	35	27	84.23	25	30.5	26	9.1	5	54.74	11
PM1199RR	381.80	35	728	33	1827	35	39.87	17	4.97	5	1.07	34	32	84.97	6	32.6	7	8.8	22	52.42	30
PM 1218BG/RR	379.43	36	721	36	1782	37	40.45	10	4.47	29	1.05	34	38	83.10	38	30.8	20	8.8	23	52.65	28
MISCOT 8806-3-2-21	374.87	37	726	34	1838	34	39.49	23	4.67	20	1.10	35	16	84.93	7	31.1	15	9.1	4	51.67	33
PM 1560BG	338.65	38	616	38	1622	38	37.98	33	3.87	38	1.10	35	23	84.17	26	30.9	17	8.5	33	54.99	7

GRAND MEAN	436.30		816		2064		39.52		4.62		1.10			84.40		31.2		8.8		53.45	
CHECK MEAN	434.91		832		2077		40.03		4.88		1.10			84.70		30.3		9.2		52.32	
LSD (0.10)	61.48		115		291		0.88		0.29		0.02			0.92		1.3		0.3		2.75	
CV (%)	14.76		14.72		14.76		1.63		4.67		1.47			0.81		3.02		2.76		3.78	
R-SQUARED	0.48		0.44		0.41		0.89		0.74		0.82			0.57		0.86		0.69		0.52	
MSE	4148.96		14429.10		92880.76		0.42		0.05		0.00			0.46		0.88		0.06		4.09	
SED	37.19		69.35		175.96		0.53		0.18		0.01			0.55		0.77		0.20		1.65	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		2		2		2		2			2		2		2		2	

Shaded values not significantly different from highest value.
 Planted: May 23, 2001 Harvested: October 29, 2001

Table 23: Durant, MS location of the Hill Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Oaklinter Silty Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FM 966	1001.97	1	1774	1	4399	1	40.34	7	4.27	33	1.17	37	3	85.2	4	34.3	1	8.1	36	56.47	1
FM 958	855.28	2	1580	2	3804	3	41.55	1	4.40	23	1.16	37	4	85.7	1	31.0	4	7.9	38	54.12	29
E 6478	789.01	3	1414	6	3631	5	38.95	21	4.23	34	1.16	37	5	84.9	9	32.1	2	8.3	33	55.80	5
PSC 355	788.09	4	1446	4	3619	6	39.95	10	4.80	8	1.12	36	16	84.3	28	30.2	8	9.1	3	54.52	25
ST 4691B	783.38	5	1424	5	3508	10	40.60	5	4.80	9	1.12	36	17	84.6	19	27.7	31	8.5	30	55.00	18
ST 4892BR	770.71	6	1481	3	3635	4	40.74	4	4.97	1	1.09	35	32	84.9	10	29.4	16	9.0	7	52.04	37
NuCOTN 33B	762.49	7	1362	10	3585	7	37.99	29	4.30	32	1.15	37	7	84.7	14	30.0	11	8.3	34	55.99	3
DP 451B/RR	761.53	8	1383	7	3812	2	36.28	36	4.60	16	1.13	36	14	84.7	15	26.9	38	8.7	22	55.07	16
BXN 49B	749.93	9	1348	11	3441	12	39.17	17	4.33	31	1.15	37	9	84.9	11	27.6	32	8.7	25	55.64	7
DP 491	749.80	10	1330	14	3329	20	39.94	11	4.07	37	1.21	37	1	84.8	13	31.0	3	8.1	37	56.39	2
ST 4793R	746.61	11	1364	9	3332	19	40.93	3	4.83	5	1.10	35	29	84.5	23	29.6	15	8.9	16	54.75	22
MISCOT 8839	732.34	12	1316	16	3423	13	38.44	27	4.43	22	1.15	37	6	85.2	5	28.5	23	8.7	23	55.67	6
RGC 2001	723.19	13	1308	17	3392	15	38.56	26	4.53	17	1.13	36	15	85.1	7	29.3	17	8.6	29	55.29	11
Garst/Agripro AP9257	721.46	14	1332	13	3376	16	39.46	14	4.53	18	1.08	35	36	83.1	38	28.4	24	8.2	35	54.15	28
SG 215BG/RR	718.72	15	1347	12	3456	11	38.98	19	4.63	15	1.06	34	38	84.0	33	27.0	35	9.0	13	53.35	33
BXN 47	717.18	16	1379	8	3361	17	41.02	2	4.90	4	1.09	35	30	84.5	24	28.3	25	8.6	28	52.02	38
ST 457	715.77	17	1307	18	3256	24	40.15	8	4.77	11	1.12	36	19	84.5	22	29.9	12	9.6	1	54.75	21
MISCOT 8806-3-2-21	712.82	18	1318	15	3342	18	39.43	15	4.83	6	1.11	36	26	84.6	20	29.0	19	9.2	2	54.09	30
DES 607	690.10	19	1252	20	3120	28	40.13	9	4.37	28	1.14	37	11	84.7	16	28.2	27	9.0	9	55.12	14
DP 20B	686.86	20	1246	21	3528	9	35.31	37	4.40	24	1.15	37	8	85.3	3	27.3	34	8.9	14	55.14	13
DP 425RR	685.70	21	1237	25	3304	22	37.44	33	4.43	20	1.11	36	22	84.6	18	28.0	30	8.9	18	55.44	10
DP 436RR	684.18	22	1243	23	3538	8	35.13	38	4.50	19	1.14	37	10	84.7	17	26.9	37	9.0	6	55.05	17
Sure-Grow 125BR	683.55	23	1259	19	3411	14	36.91	35	4.40	26	1.09	35	33	83.3	37	28.7	22	9.0	11	54.30	26
DES 810	681.99	24	1245	22	3315	21	37.55	32	4.37	29	1.11	36	27	83.6	35	29.8	14	9.0	10	54.80	20
Sure-Grow 747	680.29	25	1241	24	3133	26	39.60	13	4.83	7	1.11	36	24	84.8	12	27.0	36	9.0	8	54.84	19
DP 428B	677.75	26	1221	29	3279	23	37.24	34	4.70	12	1.13	36	13	84.4	27	27.5	33	8.4	31	55.50	8
PM 1218BG/RR	675.16	27	1225	27	3122	27	39.25	16	4.63	13	1.08	35	34	83.6	36	28.1	28	8.4	32	55.10	15
PM1199RR	667.88	28	1224	28	3028	33	40.43	6	4.80	10	1.11	36	25	85.0	8	29.2	18	8.6	27	54.55	23
DES 816	652.99	29	1204	30	3098	29	38.85	23	4.43	21	1.12	36	20	84.1	32	30.0	10	8.9	20	54.25	27
MISCOT 8806	652.33	30	1166	32	3049	32	38.23	28	4.63	14	1.13	36	12	84.6	21	30.8	5	8.7	21	55.97	4
Sure-Grow 501BR	645.35	31	1234	26	3168	25	38.96	20	4.93	2	1.07	34	37	84.2	30	30.1	9	9.1	4	52.29	36
RGC 2002	643.26	32	1192	31	3091	30	38.57	25	4.33	30	1.09	35	31	84.4	26	28.3	26	8.9	19	53.95	31
PG-40	641.08	33	1162	33	3061	31	37.96	30	4.10	36	1.17	37	2	85.6	2	29.9	13	9.1	5	55.17	12
PM 1560BG	629.17	34	1134	35	2938	34	38.59	24	4.23	35	1.12	36	21	84.4	25	28.8	20	8.6	26	55.49	9
Sure-Grow 105	600.05	35	1141	34	2916	35	39.13	18	4.93	3	1.12	36	18	85.2	6	30.5	6	8.9	17	52.59	35
Sure-Grow 521R	594.78	36	1090	37	2806	36	38.87	22	4.40	27	1.08	35	35	84.2	29	28.1	29	8.9	15	54.55	24
MISCOT 8806-3-2-35	581.65	37	1098	36	2748	38	39.94	12	4.40	25	1.11	36	28	83.8	34	28.8	21	9.0	12	52.99	34
Garst/Agripro 1500RR	569.33	38	1063	38	2805	37	37.91	31	4.03	38	1.11	36	23	84.2	31	30.3	7	8.7	24	53.55	32

GRAND MEAN	705.89		1292		3320		38.91		4.53		1.12			84.5		29.1		8.7		54.63	
CHECK MEAN	734.19		1343		3376		39.77		4.82		1.12			84.6		28.6		9.1		54.68	
LSD (0.10)	66.13		121		309		1.07		0.24		0.02			0.9		1.3		0.3		1.70	
CV (%)	9.82		9.81		9.77		2.02		3.85		1.38			0.75		3.27		2.47		2.29	
R-SQUARED	0.62		0.59		0.55		0.85		0.77		0.86			0.60		0.82		0.81		0.56	
MSE	4801.09		16052.23		105149.99		0.62		0.03		0.00			0.41		0.91		0.05		1.57	
SED	40.00		73.15		187.22		0.64		0.14		0.01			0.52		0.78		0.18		1.02	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		2		2		2		2			2		2		2		2	

Shaded values not significantly different from highest value.
 Planted: May 17, 2001 Harvested: November 7, 2001

Table 24: Raymond, MS location of the Hill Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Leeper Fine Sandy Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
BXN 49B	500.93	1	1008	1	2684	1	37.53	7	4.38	23	1.14	37	6	84.7	2	28.8	24	7.9	24	49.72	4
ST 4892BR	494.38	2	990	2	2643	2	37.46	9	4.65	6	1.11	36	30	83.5	25	29.9	16	8.0	18	49.95	2
ST 4691B	474.66	3	969	3	2558	3	37.85	4	4.35	25	1.14	37	10	83.8	20	29.0	20	7.7	34	49.01	10
FM 966	463.24	4	939	4	2427	5	38.70	3	4.38	22	1.15	37	4	84.0	12	33.8	1	7.5	37	49.32	7
FM 958	457.71	5	931	5	2475	4	37.63	6	4.35	24	1.16	37	3	83.9	14	31.0	4	7.5	36	49.15	9
DP 451B/RR	387.80	6	780	8	2313	6	33.70	36	4.50	15	1.14	37	12	84.3	5	28.3	30	7.8	28	49.75	3
BXN 47	386.59	7	808	6	2266	7	35.66	22	4.60	9	1.12	36	25	83.8	18	28.5	28	7.7	32	47.83	26
ST 4793R	386.37	8	777	9	1972	17	39.41	1	4.83	1	1.10	35	32	83.6	23	30.3	12	8.2	9	49.71	5
ST 457	374.96	9	776	10	2090	12	37.11	11	4.25	30	1.14	37	7	84.4	4	30.9	7	8.9	1	48.35	18
Sure-Grow 125BR	366.79	10	753	11	2186	9	34.46	32	4.45	19	1.12	36	29	83.6	24	28.0	31	8.1	14	48.71	13
PSC 355	364.15	11	790	7	2160	10	36.58	16	4.65	7	1.13	36	16	84.1	9	30.6	9	8.6	2	46.08	37
NuCOTN 33B	361.68	12	752	12	2208	8	34.06	34	4.33	26	1.12	36	27	83.2	34	31.0	6	7.8	25	48.08	24
RGC 2002	352.16	13	738	13	2080	13	35.46	26	4.43	20	1.11	36	31	83.5	28	28.7	25	7.9	20	47.75	27
DP 425RR	351.83	14	722	16	2111	11	34.20	33	4.45	17	1.12	36	20	83.3	31	27.0	35	7.7	35	48.73	12
DP 491	350.79	15	729	15	1965	18	37.10	13	3.55	38	1.19	37	1	83.3	33	30.0	15	7.2	38	48.12	23
SG 215BG/RR	343.92	16	731	14	2058	14	35.48	25	4.53	11	1.10	35	33	83.2	36	26.9	37	8.0	15	47.08	32
DP 428B	343.59	17	706	17	2049	15	34.47	31	4.45	18	1.14	37	8	84.0	11	26.9	36	7.8	27	48.65	14
DES 816	332.35	18	690	19	1936	20	35.64	23	4.13	35	1.12	36	24	83.1	37	31.4	3	8.4	4	48.15	22
Sure-Grow 501BR	328.35	19	682	20	1976	16	34.50	30	4.70	2	1.09	35	36	83.9	15	30.7	8	8.3	8	48.18	21
Garst/Agripro AP9257	326.10	20	696	18	1864	22	37.33	10	4.15	34	1.10	35	34	83.5	26	28.9	21	7.7	33	46.87	35
DES 810	312.85	21	666	21	1957	19	34.01	35	4.30	27	1.14	37	14	83.5	27	30.1	13	8.1	12	47.01	34
Sure-Grow 521R	312.37	22	645	22	1775	23	36.37	19	4.65	5	1.09	35	38	83.7	22	27.8	32	8.3	6	48.41	17
E 6478	311.68	23	628	26	1692	28	37.11	12	4.25	29	1.14	37	9	84.5	3	33.3	2	8.0	19	49.65	6
DP 436RR	307.14	24	633	24	1933	21	32.72	38	4.50	14	1.14	37	15	84.3	6	26.9	38	8.2	11	48.56	16
PG-40	304.41	25	631	25	1738	25	36.29	20	3.95	36	1.16	37	2	85.3	1	30.4	11	8.5	3	48.28	19
Sure-Grow 105	301.50	26	639	23	1755	24	36.39	18	4.65	4	1.13	36	19	84.2	8	30.5	10	8.0	16	47.22	31
PM 1218BG/RR	296.48	27	601	28	1595	31	37.70	5	4.40	21	1.09	35	37	83.0	38	28.9	23	7.9	22	49.31	8
MISCOT 8806	286.06	28	604	27	1704	27	35.45	27	4.60	8	1.13	36	17	84.0	10	31.0	5	8.0	17	47.36	30
MISCOT 8839	280.06	29	596	29	1666	29	35.77	21	4.53	10	1.14	37	5	84.0	13	28.7	26	7.9	23	47.01	33
Garst/Agripro 1500RR	277.20	30	575	30	1556	33	36.93	14	3.85	37	1.12	36	22	83.3	32	29.5	19	7.7	31	48.25	20
RGC 2001	275.33	31	573	31	1649	30	34.76	29	4.28	28	1.12	36	21	83.2	35	29.9	17	7.7	30	48.05	25
DP 20B	271.66	32	573	32	1705	26	33.59	37	4.20	31	1.14	37	13	83.8	19	27.5	34	7.8	26	47.43	29
MISCOT 8806-3-2-21	261.22	33	536	35	1464	35	36.57	17	4.20	32	1.12	36	26	83.8	17	28.5	27	8.3	7	48.78	11
DES 607	259.31	34	512	37	1398	36	36.62	15	4.15	33	1.14	37	11	83.9	16	28.4	29	8.2	10	50.67	1
PM 1560BG	258.78	35	532	36	1520	34	35.01	28	4.53	13	1.12	36	23	83.3	29	29.6	18	8.1	13	48.62	15
Sure-Grow 747	253.69	36	563	33	1579	32	35.63	24	4.70	3	1.13	36	18	84.2	7	27.6	33	8.3	5	45.08	38
MISCOT 8806-3-2-35	247.21	37	536	34	1377	37	38.95	2	4.53	12	1.10	35	35	83.3	30	28.9	22	7.9	21	46.10	36
PM1199RR	214.47	38	450	38	1199	38	37.53	8	4.48	16	1.12	36	28	83.8	21	30.0	14	7.8	29	47.66	28

GRAND MEAN	336.31		696		1928		36.10		4.39		1.13			83.8		29.4		8.0		48.23	
CHECK MEAN	308.92		677		1870		36.10		4.68		1.13			84.1		29.1		8.4		45.58	
LSD (0.10)	74.87		156		434		1.44		0.29		0.02			0.9		1.3		0.3		2.44	
CV (%)	18.98		19.09		19.19		3.40		5.69		1.68			0.90		3.67		2.76		4.31	
R-SQUARED	0.68		0.66		0.64		0.70		0.61		0.66			0.42		0.78		0.83		0.38	
MSE	4074.59		17667.20		137000.27		1.50		0.06		0.00			0.57		1.17		0.05		4.32	
SED	45.14		93.99		261.73		0.87		0.18		0.01			0.53		0.76		0.16		1.47	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	4		4		4		4		4		4			4		4		4		4	
TAIL	2		2		2		2		2		2			2		2		2		2	

Shaded values not significantly different from highest value.
 Planted: May 11, 2001 Harvested: November 1 - 2, 2001

Table 24: Raymond, MS location of the Hill Region Early-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Leeper Fine Sandy Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
BXN 49B	500.93	1	1008	1	2684	1	37.53	7	4.38	23	1.14	37	6	84.7	2	28.8	24	7.9	24	49.72	4
ST 4892BR	494.38	2	990	2	2643	2	37.46	9	4.65	6	1.11	36	30	83.5	25	29.9	16	8.0	18	49.95	2
ST 4691B	474.66	3	969	3	2558	3	37.85	4	4.35	25	1.14	37	10	83.8	20	29.0	20	7.7	34	49.01	10
FM 966	463.24	4	939	4	2427	5	38.70	3	4.38	22	1.15	37	4	84.0	12	33.8	1	7.5	37	49.32	7
FM 958	457.71	5	931	5	2475	4	37.63	6	4.35	24	1.16	37	3	83.9	14	31.0	4	7.5	36	49.15	9
DP 451B/RR	387.80	6	780	8	2313	6	33.70	36	4.50	15	1.14	37	12	84.3	5	28.3	30	7.8	28	49.75	3
BXN 47	386.59	7	808	6	2266	7	35.66	22	4.60	9	1.12	36	25	83.8	18	28.5	28	7.7	32	47.83	26
ST 4793R	386.37	8	777	9	1972	17	39.41	1	4.83	1	1.10	35	32	83.6	23	30.3	12	8.2	9	49.71	5
ST 457	374.96	9	776	10	2090	12	37.11	11	4.25	30	1.14	37	7	84.4	4	30.9	7	8.9	1	48.35	18
Sure-Grow 125BR	366.79	10	753	11	2186	9	34.46	32	4.45	19	1.12	36	29	83.6	24	28.0	31	8.1	14	48.71	13
PSC 355	364.15	11	790	7	2160	10	36.58	16	4.65	7	1.13	36	16	84.1	9	30.6	9	8.6	2	46.08	37
NuCOTN 33B	361.68	12	752	12	2208	8	34.06	34	4.33	26	1.12	36	27	83.2	34	31.0	6	7.8	25	48.08	24
RGC 2002	352.16	13	738	13	2080	13	35.46	26	4.43	20	1.11	36	31	83.5	28	28.7	25	7.9	20	47.75	27
DP 425RR	351.83	14	722	16	2111	11	34.20	33	4.45	17	1.12	36	20	83.3	31	27.0	35	7.7	35	48.73	12
DP 491	350.79	15	729	15	1965	18	37.10	13	3.55	38	1.19	37	1	83.3	33	30.0	15	7.2	38	48.12	23
SG 215BG/RR	343.92	16	731	14	2058	14	35.48	25	4.53	11	1.10	35	33	83.2	36	26.9	37	8.0	15	47.08	32
DP 428B	343.59	17	706	17	2049	15	34.47	31	4.45	18	1.14	37	8	84.0	11	26.9	36	7.8	27	48.65	14
DES 816	332.35	18	690	19	1936	20	35.64	20	4.13	35	1.12	36	24	83.1	37	31.4	3	8.4	4	48.15	22
Sure-Grow 501BR	328.35	19	682	20	1976	16	34.50	30	4.70	2	1.09	35	36	83.9	15	30.7	8	8.3	8	48.18	21
Garst/Agripro AP9257	326.10	20	696	18	1864	22	37.33	10	4.15	34	1.10	35	34	83.5	26	28.9	21	7.7	33	46.87	35
DES 810	312.85	21	666	21	1957	19	34.01	35	4.30	27	1.14	37	14	83.5	27	30.1	13	8.1	12	47.01	34
Sure-Grow 521R	312.37	22	645	22	1775	23	36.37	19	4.65	5	1.09	35	38	83.7	22	27.8	32	8.3	6	48.41	17
E 6478	311.68	23	628	26	1692	28	37.11	12	4.25	29	1.14	37	9	84.5	3	33.3	2	8.0	19	49.65	6
DP 436RR	307.14	24	633	24	1933	21	32.72	38	4.50	14	1.14	37	15	84.3	6	26.9	38	8.2	11	48.56	16
PG-40	304.41	25	631	25	1738	25	36.29	20	3.95	36	1.16	37	2	85.3	1	30.4	11	8.5	3	48.28	19
Sure-Grow 105	301.50	26	639	23	1755	24	36.39	18	4.65	4	1.13	36	19	84.2	8	30.5	10	8.0	16	47.22	31
PM 1218BG/RR	296.48	27	601	28	1595	31	37.70	5	4.40	21	1.09	35	37	83.0	38	28.9	23	7.9	22	49.31	8
MISCOT 8806	286.06	28	604	27	1704	27	35.45	27	4.60	8	1.13	36	17	84.0	10	31.0	5	8.0	17	47.36	30
MISCOT 8839	280.06	29	596	29	1666	29	35.77	21	4.53	10	1.14	37	5	84.0	13	28.7	26	7.9	23	47.01	33
Garst/Agripro 1500RR	277.20	30	575	30	1556	33	36.93	14	3.85	37	1.12	36	22	83.3	32	29.5	19	7.7	31	48.25	20
RGC 2001	275.33	31	573	31	1649	30	34.76	29	4.28	28	1.12	36	21	83.2	35	29.9	17	7.7	30	48.05	25
DP 20B	271.66	32	573	32	1705	26	33.59	37	4.20	31	1.14	37	13	83.8	19	27.5	34	7.8	26	47.43	29
MISCOT 8806-3-2-21	261.22	33	536	35	1464	35	36.57	17	4.20	32	1.12	36	26	83.8	17	28.5	27	8.3	7	48.78	11
DES 607	259.31	34	512	37	1398	36	36.62	15	4.15	33	1.14	37	11	83.9	16	28.4	29	8.2	10	50.67	1
PM 1560BG	258.78	35	532	36	1520	34	35.01	28	4.53	13	1.12	36	23	83.3	29	29.6	18	8.1	13	48.62	15
Sure-Grow 747	253.69	36	563	33	1579	32	35.63	24	4.70	3	1.13	36	18	84.2	7	27.6	33	8.3	5	45.08	38
MISCOT 8806-3-2-35	247.21	37	536	34	1377	37	38.95	2	4.53	12	1.10	35	35	83.3	30	28.9	22	7.9	21	46.10	36
PM1199RR	214.47	38	450	38	1199	38	37.53	8	4.48	16	1.12	36	28	83.8	21	30.0	14	7.8	29	47.66	28
GRAND MEAN	336.31		696		1928		36.10		4.39		1.13			83.8		29.4		8.0		48.23	
CHECK MEAN	308.92		677		1870		36.10		4.68		1.13			84.1		29.1		8.4		45.58	
LSD (0.10)	74.87		156		434		1.44		0.29		0.02			0.9		1.3		0.3		2.44	
CV (%)	18.98		19.09		19.19		3.40		5.69		1.68			0.90		3.67		2.76		4.31	
R-SQUARED	0.68		0.66		0.64		0.70		0.61		0.66			0.42		0.78		0.83		0.38	
MSE	4074.59		17667.20		137000.27		1.50		0.06		0.00			0.57		1.17		0.05		4.32	
SED	45.14		93.99		261.73		0.87		0.18		0.01			0.53		0.76		0.16		1.47	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	4		4		4		4		4		4			4		4		4		4	
TAIL	2		2		2		2		2		2			2		2		2		2	

Shaded values not significantly different from highest value.

Planted: May 11, 2001 Harvested: November 1 - 2, 2001

Table 25: Averages for the Hill Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Stoneville Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FiberMax FM 966	656.44	1	1210	1	3033	3	39.84	3	4.44	12	1.15	37	5	85.1	1	34.3	1	8.1	20	53.38	2
FiberMax FM 966 BG	645.22	2	1189	2	3033	2	39.13	5	4.29	20	1.15	37	3	84.3	4	32.2	2	8.1	22	53.38	1
Stoneville ST X9905BR	628.91	3	1175	3	2953	5	39.55	4	4.43	13	1.13	36	10	83.7	15	30.7	9	8.2	16	52.41	16
Deltapine DP 491	620.53	4	1156	5	2879	12	40.02	1	4.43	14	1.18	37	1	84.3	5	31.1	7	8.2	17	53.05	6
Deltapine DP 448B	603.19	5	1133	7	3035	1	37.58	16	4.28	21	1.12	36	15	83.5	20	28.4	21	8.2	19	52.73	7
SureGrow SG 747*	602.08	6	1158	4	2906	8	39.93	2	4.72	2	1.11	36	19	84.1	7	27.5	22	8.8	4	50.92	20
Deltapine DP 458B/RR	592.83	7	1114	9	2928	7	38.08	10	4.57	6	1.12	36	16	83.4	21	30.2	12	8.4	12	52.43	14
Deltapine DeltaPEARL	590.82	8	1115	8	2881	11	38.56	7	4.53	9	1.16	37	2	84.1	9	30.8	8	8.1	21	52.22	17
Deltapine DP 5415RR	588.33	9	1099	10	2886	10	38.03	13	4.55	7	1.13	36	9	84.0	11	30.1	13	8.7	6	53.08	5
Deltapine NuCOTN 35B	585.47	10	1088	11	2956	4	37.00	21	4.30	19	1.12	36	13	83.6	16	31.5	6	8.2	18	53.19	3
Sure-Grow SG 821	576.83	11	1082	12	2819	17	38.38	8	4.57	5	1.11	36	21	84.1	6	29.2	19	9.0	2	52.42	15
Stoneville ST 580	573.41	12	1078	14	2839	13	38.05	12	4.61	3	1.13	36	11	83.7	14	29.6	15	8.8	3	52.62	11
PhytoGen PSC 355*	567.86	13	1148	6	2933	6	39.00	6	4.80	1	1.11	36	20	84.0	10	30.3	11	9.1	1	48.69	22
Deltapine DP 565	565.46	14	1081	13	2824	16	38.06	11	4.54	8	1.14	37	8	84.1	8	29.6	16	8.5	11	51.49	19
Deltapine NuCOTN 33B	560.61	15	1048	16	2827	15	37.35	19	4.34	16	1.13	36	12	83.6	17	29.3	18	8.6	10	52.69	8
Deltapine DP 655B/RR	558.72	16	1044	17	2831	14	37.05	20	4.30	18	1.12	36	18	83.5	19	31.8	5	8.4	13	52.56	12
Germaines GC 377	554.10	17	1027	19	2743	18	37.41	17	4.45	10	1.14	37	6	84.4	3	30.7	10	8.8	5	53.17	4
Germaines GC 271	553.01	18	1053	15	2895	9	36.56	22	4.58	4	1.15	37	4	84.6	2	32.1	3	8.7	8	51.84	18
Deltapine DP 5415	548.64	19	1028	18	2714	20	37.95	14	4.40	15	1.14	37	7	83.8	13	29.8	14	8.7	9	52.67	10
Deltapine DP 5690RR	547.15	20	1021	20	2742	19	37.40	18	4.33	17	1.12	36	17	83.6	18	31.9	4	8.4	15	52.67	9
Paymaster PM1560BG/RR	523.41	21	981	22	2597	22	37.86	15	4.13	22	1.12	36	14	83.8	12	29.3	17	8.4	14	52.44	13
Garst/Agripro 4600RR	511.48	22	993	21	2611	21	38.13	9	4.44	11	1.07	34	22	83.1	22	28.8	20	8.7	7	50.45	21

GRAND MEAN	579.75		1092		2858		38.22		4.46		1.13			83.9		30.4		8.5		52.30	
CHECK MEAN	584.97		1153		2920		39.46		4.76		1.11			84.0		28.9		8.9		49.80	
LSD (0.10)	26.21		50		131		0.63		0.12		0.01			0.3		0.6		0.1		0.98	
CV (%)	11.97		12.13		12.13		3.39		5.73		1.84			0.84		4.28		3.16		3.86	
R-SQUARED	0.79		0.75		0.73		0.71		0.67		0.84			0.77		0.79		0.83		0.76	
MSE	4812.45		17549.93		120155.99		1.68		0.07		0.00			0.50		1.70		0.07		4.06	
SED	15.91		30.39		79.52		0.38		0.08		0.01			0.21		0.38		0.08		0.59	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	38		38		38		23		23		23			23		23		23		23	
TAIL	2		2		2		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Table 26: Holly Springs, MS location of the Hill Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Grenada Silt Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Deltapine DP 448B	615.86	1	1119	1	3069	1	36.48	12	4.40	22	1.11	36	12	83.5	14	30.9	18	8.7	18	55.02	2
FiberMax FM 966	596.96	2	1081	3	2786	5	38.79	3	4.63	15	1.12	36	6	84.4	2	37.7	1	8.7	19	55.24	1
Sure-Grow 747*	565.86	3	1097	2	2794	3	39.27	1	5.03	2	1.13	36	5	83.6	7	27.1	22	9.2	7	51.59	20
Deltapine NuCOTN 33B	551.74	4	1012	4	2895	2	34.95	18	4.70	11	1.12	36	8	83.6	10	30.8	19	9.3	6	54.52	6
Germaines GC 377	537.22	5	983	5	2753	6	35.70	15	4.47	18	1.13	36	4	83.5	13	32.1	12	9.4	4	54.67	5
FiberMax FM 966 BG	521.67	6	953	7	2564	9	37.17	7	4.77	5	1.12	36	9	83.6	11	35.0	2	8.7	21	54.74	4
Paymaster PM1560BG/RR	513.30	7	953	8	2605	8	36.56	11	4.40	21	1.11	36	14	83.6	9	30.3	21	8.8	16	53.89	12
Germaines GC 271	509.12	8	963	6	2792	4	34.50	22	4.73	8	1.12	36	7	83.4	16	33.5	7	9.1	11	52.85	15
Deltapine DP 5415RR	509.11	9	944	9	2500	10	37.75	5	4.67	13	1.11	36	13	83.7	6	31.7	14	9.6	3	53.95	11
Deltapine NuCOTN 35B	501.22	10	920	11	2642	7	34.83	20	4.43	19	1.10	35	18	83.3	17	34.2	4	8.9	15	54.47	7
Stoneville ST X9905BR	498.71	11	922	10	2380	15	38.74	4	4.70	12	1.10	35	17	83.5	12	32.6	9	8.7	17	54.09	9
Deltapine DP 491	486.27	12	912	12	2342	17	38.95	2	4.73	6	1.16	37	1	83.8	4	33.6	6	8.7	22	53.30	14
Sure-Grow 821	481.77	13	879	14	2399	14	36.62	10	4.67	14	1.11	36	11	83.8	3	31.1	17	9.7	2	54.84	3
Deltapine DP 458B/RR	465.16	14	886	13	2409	13	36.76	9	4.73	7	1.11	36	15	82.8	19	32.1	11	9.1	10	52.52	16
Deltapine DP 565	462.47	15	862	17	2435	11	35.41	16	4.70	10	1.14	37	3	83.7	5	31.5	15	8.9	14	53.64	13
Stoneville ST 580	457.62	16	878	15	2417	12	36.31	13	4.93	3	1.09	35	19	82.5	21	32.0	13	9.4	5	52.14	18
Deltapine DP 5415	451.63	17	831	18	2356	16	35.26	17	4.43	20	1.11	36	10	83.5	15	30.7	20	9.2	9	54.37	8
Deltapine DP 5690RR	431.73	18	800	22	2313	20	34.56	21	4.53	16	1.08	35	20	82.8	18	34.2	5	9.0	13	54.00	10
PhytoGen PSC 355*	431.02	19	869	16	2318	18	37.48	6	5.20	1	1.11	36	16	83.6	8	32.7	8	10.0	1	49.60	21
Deltapine DeltaPEARL	425.26	20	818	20	2253	21	36.29	14	4.70	9	1.15	37	2	84.6	1	32.5	10	8.7	20	52.02	19
Deltapine DP 655B/RR	422.18	21	806	21	2314	19	34.83	19	4.50	17	1.07	34	21	82.7	20	35.0	3	9.1	12	52.39	17
Garst/Acripro 4600RR	395.49	22	820	19	2208	22	37.14	8	4.80	4	1.03	33	22	81.6	22	31.1	16	9.2	8	48.24	22
GRAND MEAN	492.33		923		2525		36.56		4.68		1.11			83.4		32.4		9.1		53.28	
CHECK MEAN	498.44		983		2556		38.38		5.12		1.12			83.6		29.9		9.6		50.60	
LSD (0.10)	40.99		77		211		1.43		0.25		0.03			1.1		1.5		0.4		2.60	
CV (%)	8.69		8.72		8.74		2.85		3.88		2.01			0.93		3.43		3.34		3.55	
R-SQUARED	0.71		0.66		0.62		0.77		0.76		0.76			0.65		0.86		0.70		0.63	
MSE	1829.99		6483.02		48724.04		1.09		0.03		0.00			0.60		1.23		0.09		3.58	
SED	24.70		46.49		127.44		0.85		0.15		0.02			0.63		0.91		0.25		1.54	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		2		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Planted: May 2, 2001

Harvested: October 31, 2001

Table 27: Nesbit, MS location of the Hill Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Collins Silt Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FiberMax FM 966 BG	800.94	1	1463	1	3702	2	39.53	5	4.47	22	1.16	37	4	85.0	2	30.8	10	7.8	22	54.74	2
FiberMax FM 966	758.21	2	1382	5	3472	8	39.82	4	4.63	17	1.15	37	5	85.1	1	34.8	1	8.0	19	54.85	1
Stoneville ST X9905BR	752.99	3	1421	4	3602	4	39.45	7	4.73	13	1.13	36	11	83.3	20	29.9	14	7.8	21	52.99	13
Sure-Grow 747*	750.71	4	1436	3	3516	6	40.84	1	4.90	3	1.09	35	21	84.1	10	27.1	22	8.6	8	52.29	17
Deltapine NuCOTN 33B	703.37	5	1301	9	3626	3	35.89	21	4.47	21	1.14	37	8	83.5	19	28.9	20	8.3	13	54.05	6
Deltapine DP 458B/RR	702.14	6	1317	7	3493	7	37.71	13	4.83	6	1.13	36	12	83.6	17	31.4	7	8.0	17	53.30	10
Deltapine DP 448B	679.53	7	1374	6	3702	1	37.12	17	4.67	16	1.11	36	18	82.6	22	27.7	21	7.9	20	49.45	21
Deltapine DeltaPEARL	678.07	8	1309	8	3314	10	39.49	6	5.03	2	1.16	37	2	84.1	11	30.8	11	8.3	14	51.82	19
Deltapine DP 491	674.68	9	1265	10	3120	17	40.55	2	4.83	8	1.19	37	1	84.5	4	31.7	6	8.1	16	53.32	9
PhytoGen PSC 355*	673.78	10	1438	2	3581	5	40.16	3	5.30	1	1.10	35	20	83.9	13	31.1	9	9.6	1	46.85	22
Stoneville ST 580	664.57	11	1255	11	3337	9	37.62	14	4.80	10	1.15	37	7	84.2	7	29.8	16	8.8	3	52.94	14
Paymaster PM1560BG/RR	657.63	12	1211	15	3175	16	38.13	11	4.47	20	1.13	36	14	84.2	8	29.1	19	8.5	10	54.32	5
Deltapine DP 5415RR	656.56	13	1242	12	3255	13	38.15	10	4.90	4	1.12	36	15	84.0	12	29.9	15	8.8	4	52.87	16
Deltapine DP 655B/RR	654.60	14	1201	16	3263	12	36.80	19	4.53	19	1.11	36	17	83.5	18	32.5	4	8.2	15	54.52	4
Sure-Grow 821	649.85	15	1226	13	3183	15	38.50	8	4.60	18	1.11	36	19	84.3	6	30.7	12	9.1	2	53.02	12
Germaines GC 377	643.23	16	1177	18	3119	18	37.74	12	4.70	15	1.15	37	6	84.4	5	31.2	8	8.7	5	54.65	3
Deltapine DP 565	639.19	17	1226	14	3184	14	38.50	9	4.83	9	1.14	37	9	84.2	9	29.2	18	8.5	11	52.15	18
Deltapine NuCOTN 35B	633.09	18	1187	17	3289	11	36.10	20	4.87	5	1.13	36	13	83.7	16	32.0	5	8.0	18	53.32	8
Germaines GC 271	613.63	19	1151	19	3119	19	36.90	18	4.73	12	1.16	37	3	84.7	3	33.5	2	8.5	9	53.32	7
Deltapine DP 5415	586.90	20	1110	20	2958	20	37.51	15	4.70	14	1.14	37	10	83.8	14	29.9	13	8.7	6	52.89	15
Deltapine DP 5690RR	576.48	21	1087	21	2901	22	37.46	16	4.80	11	1.12	36	16	82.6	21	32.8	3	8.3	12	53.05	11
Garst/Agripro 4600RR	536.65	22	1054	22	2949	21	35.73	22	4.83	7	1.07	34	22	83.8	15	29.3	17	8.7	7	50.94	20

GRAND MEAN	667.58		1265		3312		38.17		4.76		1.13			84.0		30.6		8.4		52.80	
CHECK MEAN	712.25		1437		3549		40.50		5.10		1.10			84.0		29.1		9.1		49.57	
LSD (0.10)	33.30		63		165		2.48		0.31		0.03			0.8		1.4		0.4		3.32	
CV (%)	5.21		5.22		5.21		4.74		4.70		2.15			0.71		3.28		3.36		4.57	
R-SQUARED	0.80		0.80		0.72		0.55		0.54		0.65			0.66		0.84		0.79		0.47	
MSE	1208.29		4366.47		29797.67		3.27		0.05		0.00			0.35		1.01		0.08		5.84	
SED	20.07		38.15		99.66		1.48		0.18		0.02			0.48		0.82		0.23		1.97	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		2		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Planted: April 30, 2001 Harvested: October 17, 2001

Table 28: Verona, MS location of the Hill Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Leeper Fine Sandy Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$ / A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Deltapine DP 491	578.92	1	1103	4	2590	6	42.57	1	4.28	10	1.19	37	1	83.2	5	31.2	7	8.2	19	52.51	4
FiberMax FM 966 BG	575.88	2	1115	2	2751	1	40.51	6	4.20	12	1.12	36	5	83.5	3	33.7	2	8.4	17	51.66	13
Deltapine DeltaPEARL	575.74	3	1104	3	2745	2	40.22	7	4.55	5	1.15	37	2	83.3	4	30.0	11	8.0	22	52.15	8
Deltapine DP 5415RR	549.60	4	1023	6	2650	4	38.58	18	4.35	8	1.13	36	4	82.9	11	30.8	9	8.9	6	53.75	1
Stoneville ST X9905BR	546.97	5	1119	1	2724	3	41.09	5	4.65	3	1.10	35	13	82.9	10	30.8	8	8.4	15	48.88	19
FiberMax FM 966	539.56	6	1045	5	2476	9	42.22	2	4.78	2	1.12	36	8	84.2	1	34.1	1	8.1	21	51.62	14
Deltapine NuCOTN 35B	530.25	7	1014	7	2616	5	38.77	16	3.90	21	1.10	35	12	82.5	16	31.4	6	8.1	20	52.28	5
Deltapine DP 5690RR	506.37	8	969	9	2536	7	38.19	20	4.08	18	1.09	35	15	82.9	13	32.5	3	8.6	13	52.27	6
Deltapine DP 458B/RR	502.00	9	945	14	2386	13	39.60	12	4.38	7	1.08	35	19	81.7	22	29.9	14	8.8	10	53.15	2
Stoneville ST 580	500.44	10	959	10	2408	11	39.81	10	4.43	6	1.09	35	18	82.2	21	29.9	15	9.0	4	52.21	7
Ger mains GC 377	497.13	11	958	11	2487	8	38.51	19	4.15	17	1.12	36	7	83.1	8	30.3	10	8.8	7	51.92	9
Sure-Grow 821	494.25	12	956	12	2384	14	40.11	8	4.33	9	1.09	35	14	83.2	7	29.6	16	9.2	2	51.70	12
Deltapine DP 5415	489.83	13	947	13	2388	12	39.67	11	4.20	13	1.11	36	9	82.4	18	30.0	13	8.7	12	51.71	10
Deltapine DP 655B/RR	478.65	14	937	15	2422	10	38.70	17	4.03	20	1.09	35	17	82.4	19	31.5	5	8.4	16	51.07	15
Deltapine NuCOTN 33B	459.10	15	888	17	2341	17	37.94	21	4.15	16	1.10	35	11	82.5	17	28.9	19	8.9	5	51.70	11
Deltapine DP 448B	457.74	16	868	19	2201	18	39.43	13	4.25	11	1.11	36	10	82.6	15	27.7	21	8.3	18	52.75	3
Deltapine DP 565	456.65	17	933	16	2373	15	39.30	14	4.20	14	1.12	36	6	82.9	14	29.6	17	8.5	14	48.97	18
PhytoGen PSC 355*	430.54	18	975	8	2354	16	41.40	4	4.78	1	1.04	33	22	83.2	6	30.0	12	9.3	1	44.18	22
Sure-Grow 747*	425.52	19	874	18	2081	21	41.99	3	4.58	4	1.07	34	20	83.0	9	27.0	22	9.0	3	48.70	20
Ger mains GC 271	408.21	20	806	21	2132	19	37.81	22	4.03	19	1.15	37	3	84.0	2	32.4	4	8.8	9	50.63	16
Garst/Agripro 4600RR	398.06	21	833	20	2083	20	39.98	9	4.15	15	1.04	33	21	82.2	20	28.7	20	8.8	8	47.80	21
Paymaster PM1560BG/RR	376.31	22	743	22	1891	22	39.29	15	3.78	22	1.09	35	16	82.9	12	29.2	18	8.7	11	50.63	17

GRAND MEAN	489.89		960		2410		39.80		4.28		1.10			82.9		30.4		8.6		51.01	
CHECK MEAN	428.03		924		2217		41.69		4.68		1.05			83.1		28.5		9.2		46.44	
LSD (0.10)	72.20		145		358		1.28		0.35		0.02			0.9		1.4		0.2		2.75	
CV (%)	12.49		12.77		12.59		2.73		7.01		1.85			0.96		3.78		2.37		4.56	
R-SQUARED	0.59		0.53		0.50		0.73		0.54		0.78			0.43		0.78		0.81		0.55	
MSE	3741.37		15013.70		92079.44		1.18		0.09		0.00			0.64		1.32		0.04		5.41	
SED	43.25		86.64		214.57		0.77		0.21		0.01			0.56		0.81		0.14		1.64	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	4		4		4		4		4		4			4		4		4		4	
TAIL	2		2		2		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Planted: May 8, 2001 Harvested: October 9, 2001

Table 29: Mississippi State University, MS location of the Hill Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Marietta Silt Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Deltapine DP 491	828.89	1	1520	1	3672	3	41.38	1	4.33	15	1.27	37	1	85.4	16	31.0	9	8.4	20	54.55	9
Stoneville ST X9905BR	792.56	2	1435	2	3608	5	39.76	3	4.23	20	1.22	37	6	85.6	14	31.9	7	8.5	17	55.25	2
Deltapine DP 448B	753.14	3	1373	3	3693	1	37.19	18	4.23	18	1.19	37	16	84.8	22	28.4	20	8.5	14	54.84	7
Stoneville ST 580	744.85	4	1373	4	3576	6	38.38	12	4.57	10	1.19	37	15	85.4	18	29.1	18	9.1	4	54.27	12
FiberMax FM 966 BG	732.59	5	1327	10	3383	16	39.21	6	4.10	22	1.25	37	2	86.2	4	34.3	2	8.5	15	55.22	4
Paymaster PM1560BG/RR	732.54	6	1347	8	3544	7	38.00	14	4.30	17	1.20	37	9	85.6	12	29.7	16	8.5	18	54.39	11
Deltapine DP 5415RR	727.13	7	1368	5	3653	4	37.46	17	4.70	5	1.19	37	12	85.4	17	30.2	12	8.9	7	53.14	19
FiberMax FM 966	726.12	8	1351	7	3391	15	39.85	2	4.33	16	1.23	37	4	87.3	1	37.9	1	8.5	12	53.74	15
Deltapine DP 458B/RR	725.67	9	1314	14	3457	10	38.00	15	4.67	7	1.18	37	18	85.8	8	30.5	11	8.5	13	55.24	3
Sure-Grow 821	714.79	10	1344	9	3483	9	38.59	9	4.73	3	1.17	37	21	85.7	9	29.7	15	9.4	2	53.19	18
Deltapine DP 5690RR	713.89	11	1298	15	3521	8	36.86	19	4.53	12	1.20	37	7	86.1	5	32.3	4	8.5	19	55.02	5
Sure-Grow 747*	713.66	12	1318	12	3403	14	38.73	8	4.90	1	1.17	37	20	86.0	6	28.1	21	9.2	3	54.14	14
Germains GC 271	706.36	13	1317	13	3691	2	35.69	22	4.77	2	1.23	37	5	87.1	2	32.8	3	9.0	6	53.62	16
Deltapine DeltaPEARL	704.18	14	1321	11	3349	18	39.44	4	4.63	9	1.23	37	3	85.7	10	31.4	8	8.3	22	53.32	17
Garst/Agripro 4600RR	695.21	15	1282	16	3298	19	38.85	7	4.40	13	1.13	36	22	84.9	21	28.0	22	8.8	9	54.25	13
Germains GC 377	694.48	16	1268	17	3349	17	37.86	16	4.73	4	1.20	37	8	86.9	3	29.9	14	8.9	8	54.77	8
Deltapine DP 655B/RR	691.30	17	1248	21	3419	12	36.50	21	4.23	21	1.19	37	11	85.3	19	32.1	5	8.5	16	55.40	1
Deltapine NuCOTN 35B	688.13	18	1252	20	3416	13	36.65	20	4.23	19	1.19	37	13	85.6	11	32.0	6	8.3	21	54.97	6
Deltapine DP 5415	682.41	19	1254	19	3273	21	38.30	13	4.67	8	1.19	37	14	85.1	20	29.3	17	9.0	5	54.44	10
PhytoGen PSC 355*	681.32	20	1353	6	3449	11	39.24	5	4.53	11	1.17	37	19	85.6	13	30.7	10	9.5	1	50.35	22
Deltapine DP 565	655.98	21	1268	18	3289	20	38.55	10	4.70	6	1.20	37	10	85.9	7	30.1	13	8.8	10	51.74	21
Deltapine NuCOTN 33B	646.90	22	1219	22	3174	22	38.39	11	4.37	14	1.18	37	17	85.5	15	29.0	19	8.7	11	53.09	20
GRAND MEAN	716.00		1325		3459		38.31		4.50		1.20			85.8		30.8		8.7		54.04	
CHECK MEAN	697.49		1336		3426		38.99		4.72		1.17			85.8		29.4		9.3		52.25	
LSD (0.10)	89.89		166		432		1.32		0.23		0.02			0.9		1.4		0.3		2.42	
CV (%)	13.10		13.05		13.03		2.51		3.74		1.31			0.79		3.27		2.19		3.26	
R-SQUARED	0.33		0.31		0.28		0.73		0.79		0.86			0.64		0.89		0.83		0.43	
MSE	8803.04		29872.33		202953.19		0.92		0.03		0.00			0.46		1.02		0.04		3.10	
SED	54.17		99.79		260.10		0.79		0.14		0.01			0.56		0.82		0.16		1.44	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		2		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Planted: May 16, 2001 Harvested: October 18, 2001

Table 30: Brooksville, MS location of the Hill Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Brooksville Silty Clay Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FiberMax FM 966	636.08	1	1143	1	2823	2	40.49	3	4.03	19	1.14	37	3	85.3	1	35.8	1	8.0	16	55.65	1
FiberMax FM 966 BG	619.76	2	1127	2	2792	3	40.35	4	4.10	16	1.13	36	5	84.2	9	33.4	2	8.0	14	55.00	8
Deltapine DP 565	615.76	3	1112	4	2774	4	40.07	5	4.50	7	1.13	36	6	84.4	6	30.1	14	8.0	15	55.39	2
Sure-Grow 821	613.37	4	1117	3	2866	1	38.98	14	4.63	4	1.09	35	21	84.3	8	29.4	17	9.0	2	54.92	11
Deltapine DP 458B/RR	589.00	5	1090	5	2745	5	39.72	8	4.53	6	1.10	35	18	83.4	19	29.9	15	8.2	11	54.02	19
Deltapine DP 491	563.07	6	1018	7	2548	11	39.94	6	4.23	13	1.18	37	1	84.4	7	31.8	8	7.8	19	55.32	3
Deltapine DP 5415RR	561.44	7	1020	6	2554	10	39.92	7	4.50	8	1.11	36	9	83.8	14	31.2	11	8.7	5	55.07	6
Deltapine DP 448B	545.12	8	992	10	2582	7	38.42	17	3.87	20	1.10	35	16	83.8	15	28.3	22	7.7	21	54.97	9
Stoneville ST 580	543.88	9	999	9	2556	8	39.07	13	4.77	3	1.10	35	15	83.8	13	28.9	19	8.8	4	54.47	16
Deltapine NuCOTN 35B	529.51	10	968	12	2554	9	37.89	20	4.17	15	1.11	36	12	83.7	16	31.5	9	7.9	17	54.72	14
Deltapine DeltaPEARL	528.34	11	958	14	2416	15	39.66	9	4.37	9	1.15	37	2	83.2	21	32.0	7	7.6	22	55.15	5
PhytoGen PSC 355*	525.96	12	1014	8	2584	6	39.25	11	4.77	2	1.11	36	11	84.5	5	32.2	4	8.9	3	51.87	21
Deltapine DP 5415	520.97	13	950	15	2421	14	39.25	12	4.27	10	1.12	36	8	84.2	10	29.7	16	8.5	9	54.82	13
Garst/Agripro 4600RR	517.10	14	972	11	2461	12	39.50	10	4.27	12	1.06	34	22	83.2	20	29.0	18	8.6	7	53.20	20
Stoneville ST X9905BR	505.32	15	926	16	2233	21	41.45	1	3.73	21	1.10	35	13	83.1	22	32.1	5	7.9	18	54.59	15
Germaines GC 271	499.96	16	910	17	2429	13	37.46	22	4.60	5	1.14	37	4	84.8	2	33.1	3	8.6	8	54.95	10
Germaines GC 377	495.50	17	897	19	2344	17	38.28	19	4.27	11	1.12	36	7	84.8	3	30.5	13	8.6	6	55.24	4
Sure-Grow 747*	489.20	18	959	13	2351	16	40.79	2	4.87	1	1.10	35	14	84.7	4	28.3	21	9.0	1	51.02	22
Deltapine NuCOTN 33B	487.97	19	898	18	2317	19	38.75	15	4.20	14	1.09	35	19	83.5	18	30.5	12	8.3	10	54.37	17
Deltapine DP 5690RR	484.64	20	881	20	2297	20	38.34	18	4.03	18	1.10	35	17	83.6	17	31.3	10	7.8	20	55.02	7
Deltapine DP 655B/RR	481.30	21	877	21	2335	18	37.56	21	4.07	17	1.11	36	10	83.9	12	32.1	6	8.1	13	54.89	12
Paymaster PM1560BG/RR	333.89	22	617	22	1599	22	38.61	16	3.70	22	1.09	35	20	84.1	11	28.8	20	8.2	12	54.10	18

GRAND MEAN	531.23		975		2481		39.26		4.29		1.11			84.0		30.9		8.3		54.49	
CHECK MEAN	507.58		986		2467		40.02		4.82		1.11			84.6		30.3		9.0		51.45	
LSD (0.10)	69.46		128		326		1.16		0.30		0.02			0.8		1.2		0.3		1.27	
CV (%)	13.65		13.67		13.72		2.14		5.03		0.99			0.69		2.91		2.70		1.70	
R-SQUARED	0.57		0.55		0.52		0.71		0.78		0.89			0.61		0.87		0.86		0.70	
MSE	5255.50		17744.16		115851.40		0.71		0.05		0.00			0.34		0.81		0.05		0.85	
SED	41.85		76.91		196.51		0.69		0.18		0.01			0.48		0.73		0.18		0.75	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		2		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Planted: May 23, 2001 Harvested: October 29, 2001

Table 31: Durant, MS location of the Hill Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Oaklimiter Silty Loam Soil.

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FiberMax FM 966	819.29	1	1474	1	3663	1	40.25	2	4.30	14	1.16	37	4	85.8	1	33.2	1	8.0	18	55.57	6
Stoneville ST X9905BR	811.90	2	1455	2	3592	2	40.49	1	4.10	18	1.14	37	7	83.7	20	29.2	10	7.9	21	55.82	3
FiberMax FM 966 BG	740.97	3	1329	5	3377	6	39.37	5	4.33	13	1.17	37	3	84.8	7	31.1	4	7.8	22	55.74	4
PhytoGen PSC 355*	737.01	4	1397	3	3559	3	39.26	6	4.77	1	1.12	36	13	84.6	11	28.1	18	9.1	1	52.75	21
Deltapine DeltaPEARL	734.73	5	1309	6	3395	5	38.54	9	4.00	20	1.18	37	2	84.4	13	30.1	8	8.0	19	56.15	1
Sure-Grow 747*	730.24	6	1338	4	3373	7	39.68	4	4.67	6	1.11	36	18	85.4	2	25.9	22	9.0	3	54.57	17
Deltapine NuCOTN 35B	698.12	7	1267	7	3397	4	37.29	18	4.40	9	1.09	35	21	83.9	19	30.5	7	8.0	17	55.10	14
Deltapine DP 458B/RR	671.93	8	1253	8	3303	8	37.92	13	4.67	5	1.11	36	17	84.2	14	29.1	11	8.5	11	53.64	19
Deltapine DP 655B/RR	663.24	9	1196	9	3218	9	37.16	19	4.30	15	1.12	36	14	84.0	15	31.0	5	8.5	12	55.47	9
Deltapine DP 491	659.92	10	1193	11	2978	15	40.08	3	3.90	21	1.21	37	1	85.3	3	30.5	6	7.9	20	55.30	11
Deltapine DP 5690RR	643.48	11	1151	12	3066	11	37.56	16	4.33	12	1.11	36	19	84.0	18	31.2	3	8.4	13	55.89	2
Deltapine DP 565	636.58	12	1194	10	3052	13	39.13	7	4.70	4	1.14	37	9	84.9	6	29.0	13	8.3	14	53.30	20
Deltapine DP 448B	627.84	13	1131	15	3061	12	36.94	21	4.17	17	1.12	36	16	84.0	16	27.0	21	8.0	16	55.52	8
Deltapine DP 5415RR	625.93	14	1133	14	2985	14	37.94	12	4.43	8	1.13	36	11	84.8	8	29.1	12	8.9	4	55.27	13
Sure-Grow 821	616.82	15	1114	16	2899	17	38.43	10	4.70	2	1.10	35	20	85.0	5	27.7	20	9.1	2	55.37	10
Deltapine NuCOTN 33B	597.32	16	1080	17	2918	16	37.02	20	4.10	19	1.13	36	12	83.5	21	28.2	17	8.6	10	55.29	12
Germaines GC 271	592.95	17	1133	13	3091	10	36.65	22	4.70	3	1.15	37	5	85.3	4	31.4	2	8.7	9	52.35	22
Deltapine DP 5415	592.14	18	1064	18	2790	18	38.12	11	4.40	10	1.14	37	8	84.5	12	28.6	14	8.9	5	55.67	5
Stoneville ST 580	576.53	19	1046	19	2764	19	37.86	14	4.50	7	1.13	36	10	84.7	10	28.3	15	8.9	7	55.10	15
Garst/Agripro 4600RR	566.42	20	1042	20	2704	20	38.54	8	4.23	16	1.08	35	22	83.4	22	27.8	19	8.9	6	54.35	18
Germaines GC 377	542.83	21	990	21	2643	21	37.45	17	4.37	11	1.15	37	6	84.7	9	29.3	9	8.8	8	54.84	16
Paymaster PM1560BG/RR	529.11	22	953	22	2529	22	37.67	15	3.73	22	1.12	36	15	84.0	17	28.3	16	8.3	15	55.54	7
GRAND MEAN	655.24		1193		3107		38.33		4.35		1.13			84.5		29.3		8.5		54.94	
CHECK MEAN	733.62		1368		3466		39.47		4.72		1.12			85.0		27.0		9.0		53.66	
LSD (0.10)	66.12		120		314		0.89		0.32		0.02			0.6		1.3		0.3		2.23	
CV (%)	10.53		10.54		10.55		1.69		5.28		1.22			0.53		3.23		2.37		2.96	
R-SQUARED	0.65		0.64		0.58		0.84		0.70		0.87			0.76		0.83		0.87		0.40	
MSE	4762.11		15800.98		107399.78		0.42		0.05		0.00			0.20		0.90		0.04		2.64	
SED	39.84		72.57		189.21		0.53		0.19		0.01			0.37		0.77		0.16		1.33	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	6		6		6		3		3		3			3		3		3		3	
TAIL	2		2		2		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Planted: May 17, 2001 Harvested: November 7, 2001

Table 32: Raymond, MS location of the Hill Region Mid-Maturity Test in the 2001 Mississippi Cotton Variety Trial grown on a Leeper Fine Sandy Loam Soil

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Deltapine DP 491	496.90	1	1021	1	2769	1	36.87	13	4.68	2	1.13	36	13	83.9	3	28.5	15	8.2	6	48.68	5
Deltapine DP 5415	471.16	2	1002	2	2695	2	37.18	8	4.25	20	1.17	37	1	83.7	7	30.4	2	7.8	17	47.01	14
Stoneville ST 580	465.77	3	957	5	2584	6	37.04	9	4.40	11	1.15	37	2	83.8	5	29.4	7	7.9	16	48.67	6
Germaines GC 271	462.41	4	982	4	2691	3	36.49	17	4.68	3	1.11	36	20	83.3	14	28.9	12	8.2	2	47.10	13
Deltapine DP 655B/RR	460.30	5	987	3	2652	4	37.20	7	4.50	6	1.12	36	14	83.2	17	29.4	6	8.1	9	46.66	18
Deltapine NuCOTN 35B	456.60	6	930	7	2519	8	36.91	12	4.28	19	1.14	37	5	83.3	13	29.8	3	7.9	15	49.11	1
Paymaster PM1560BG/RR	446.41	7	956	6	2605	5	36.68	15	4.53	5	1.12	36	16	82.9	21	29.5	5	7.8	18	46.72	17
Deltapine DP 448B	440.36	8	916	9	2472	9	37.03	10	4.38	14	1.12	36	19	83.5	11	29.2	10	7.9	14	48.10	8
DeltaPEARL	431.25	9	922	8	2532	7	36.42	18	4.48	7	1.13	36	12	83.9	4	29.7	4	8.2	5	46.76	16
FiberMax FM 966 BG	429.83	10	882	12	2334	14	37.79	4	4.13	21	1.13	36	7	83.5	9	27.9	20	7.7	19	48.72	4
Sure-Grow SG 747*	419.81	11	905	11	2373	10	38.13	2	4.30	18	1.13	36	9	82.7	22	28.7	14	7.7	22	46.40	20
Deltapine DP 5415RR	419.32	12	861	13	2347	13	36.66	16	4.40	12	1.13	36	11	83.6	8	28.3	18	7.7	21	48.73	3
Deltapine DP 5690RR	416.27	13	908	10	2369	11	38.32	1	4.13	22	1.13	36	8	83.3	16	29.3	8	8.0	11	45.87	22
Deltapine DP 565	400.24	14	844	16	2356	12	35.81	22	4.35	15	1.12	36	18	83.4	12	28.4	17	8.2	3	47.45	11
Deltapine DP 458B/RR	399.07	15	853	14	2321	15	36.76	14	4.30	16	1.13	36	10	83.1	18	29.0	11	8.0	12	46.77	15
Germaines GC 377	396.89	16	823	18	2266	18	36.33	20	4.55	4	1.15	37	4	84.2	2	31.5	1	8.2	4	48.21	7
Garst/Agripro 4600RR	394.69	17	848	15	2295	16	36.95	11	4.48	8	1.11	36	22	82.9	20	27.8	21	8.0	10	46.53	19
FiberMax FM 966	391.59	18	799	22	2132	21	37.47	5	4.30	17	1.14	37	6	84.3	1	28.4	16	7.9	13	49.01	2
PhytoGen PSC 355*	390.46	19	827	17	2279	17	36.31	21	4.40	13	1.15	37	3	83.0	19	28.2	19	7.7	20	47.20	12
Deltapine NuCOTN 33B	385.71	20	807	19	2119	22	38.08	3	4.45	9	1.12	36	17	83.5	10	28.9	13	8.1	7	47.81	10
Stoneville ST X9905BR	385.48	21	804	20	2210	19	36.40	19	4.73	1	1.12	36	15	83.7	6	29.2	9	8.3	1	47.93	9
Sure-Grow 821	370.72	22	802	21	2154	20	37.25	6	4.43	10	1.11	36	21	83.3	15	26.9	22	8.1	8	46.21	21

GRAND MEAN	424.15		892		2412		37.00		4.41		1.13			83.4		29.0		8.0		47.53	
CHECK MEAN	405.13		866		2326		37.22		4.35		1.14			82.9		28.4		7.7		46.80	
LSD (0.10)	81.10		171		463		2.02		0.38		0.03			1.0		2.3		0.4		2.77	
CV (%)	16.20		16.20		16.26		4.62		7.30		2.47			1.02		6.76		4.67		4.95	
R-SQUARED	0.56		0.56		0.56		0.16		0.29		0.28			0.25		0.27		0.31		0.21	
MSE	4719.68		20914.82		153859.54		2.93		0.10		0.00			0.72		3.84		0.14		5.53	
SED	48.58		102.26		277.36		1.21		0.23		0.02			0.60		1.39		0.26		1.66	
ALPHA	0.10		0.10		0.10		0.10		0.10		0.10			0.10		0.10		0.10		0.10	
REPS	4		4		4		4		4		4			4		4		4		4	
TAIL	2		2		2		2		2		2			2		2		2		2	

*Early Maturity Checks

Shaded values not significantly different from highest value.

Planted: May 11, 2001 Harvested: November 1 - 2, 2001

Table 33: 2001 Delta Early-Maturity Bollgard Only Varieties

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Paymaster PM 1560BG	594.11	4	1212	6	3144	6	38.66	15	4.75	16	1.10	35	26	83.7	15	29.5	10	8.5	11	48.76	21
Stoneville ST 4691B	583.30	6	1201	9	3080	12	38.99	9	4.61	29	1.10	35	24	82.9	40	27.9	28	8.3	27	48.28	27
Deltapine DP 428B	560.80	13	1108	22	3042	16	36.38	37	4.65	25	1.11	36	14	83.4	27	26.2	41	8.1	37	50.44	3
FiberMax FM 958 BG	554.51	17	1124	18	2970	25	37.97	22	4.72	19	1.15	37	4	84.4	3	32.1	2	7.9	39	49.28	11
Deltapine DP 20B	534.01	25	1094	26	3084	11	35.62	41	4.41	39	1.13	36	10	83.5	22	26.7	35	8.1	34	48.80	19
Deltapine NuCOTN 33B	525.77	29	1036	37	2902	30	35.67	40	4.44	37	1.10	35	25	82.8	42	28.1	26	8.1	36	50.65	1

Shaded values not significantly different from highest value.

Table 34: 2001 Delta Mid-Maturity Bollgard Only Varieties

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FiberMax FM 966 BG	596.00	3	1173	3	3007	3	39.15	5	4.44	22	1.18	37	2	84.5	3	33.0	2	7.8	15	50.56	10
Deltapine NuCOTN 35B	511.25	13	1001	14	2755	10	36.37	18	4.63	16	1.11	36	15	82.7	22	32.1	6	7.7	19	50.89	7
Deltapine DP 448B	509.87	14	967	17	2671	15	36.44	17	4.51	20	1.12	36	8	83.5	13	28.8	21	7.8	16	52.36	1
Deltapine NuCOTN 33B	482.02	18	948	18	2644	16	35.91	21	4.81	8	1.12	36	10	83.1	17	29.2	19	8.1	11	50.53	11

Shaded values not significantly different from highest value.

Table 35: 2001 Delta Early-Maturity Round Up Ready Varieties

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Deltapine DP 436RR	549.26	20	1096	25	3185	5	34.49	43	4.49	34	1.13	36	11	83.6	19	26.2	40	8.4	13	49.81	8
Deltapine DP 420RR	525.17	31	1051	35	2806	33	37.55	25	4.40	40	1.09	35	32	83.3	30	26.4	39	8.3	25	49.67	9
Sure-Grow SG 521R	503.80	38	1054	33	2833	32	37.31	28	4.67	21	1.07	34	40	83.0	38	27.5	31	8.6	8	47.66	31
Deltapine DP 425RR	489.36	41	1000	42	2799	34	35.74	39	4.67	23	1.11	36	17	83.2	33	26.6	36	8.3	28	48.74	22
Stoneville ST 4793R	489.10	42	1021	40	2646	41	38.69	14	4.87	9	1.09	35	35	83.2	31	29.2	14	8.5	10	47.36	35
Paymaster PM 1199RR	460.41	43	972	43	2551	43	38.23	18	4.81	11	1.11	36	19	84.5	2	30.9	3	8.2	30	47.36	34

Shaded values not significantly different from highest value.

Table 36: 2001 Delta Mid-Maturity Round Up Ready Varieties

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Garst/Agripro 4600RR	485.94	17	1001	13	2701	11	37.33	13	4.75	10	1.06	34	22	83.1	18	28.9	20	8.2	9	48.20	19
Deltapine DP 5690RR	470.23	19	935	19	2612	18	36.01	20	4.59	18	1.10	35	20	83.0	19	32.5	4	7.8	14	50.17	12
Deltapine DP 655B/RR	466.50	20	898	21	2500	21	36.18	19	4.52	19	1.11	36	12	83.1	16	31.6	9	7.7	20	51.50	2
Deltapine DP 5690RR	463.04	21	918	20	2518	20	36.55	16	4.50	21	1.10	35	17	82.9	20	32.2	5	7.8	17	50.04	13

Shaded values not significantly different from highest value.

Table 37: 2001 Delta Early-Maturity Bollgard Round Up Ready Varieties

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Microaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Sure-Grow SG 215BG/RR	618.64	2	1308	2	3447	1	38.11	21	4.75	17	1.06	34	43	83.2	32	26.1	43	8.6	6	47.09	38
Stoneville ST 4892BR	572.47	8	1191	10	3066	13	38.97	10	4.89	4	1.10	35	28	83.6	21	29.3	13	8.4	22	47.88	29
Paymaster PM 1218BG/RR	558.34	14	1220	5	3085	10	39.75	5	5.03	1	1.07	34	41	83.5	24	27.4	33	8.3	24	45.48	42
Deltapine DP 422B/RR	529.02	27	1053	34	2892	31	36.53	34	4.37	41	1.09	35	36	83.0	39	26.2	42	8.4	19	50.01	5
Sure-Grow SG 501BR	526.58	28	1115	21	3052	15	36.49	35	4.74	18	1.07	34	42	83.4	26	28.4	22	8.6	7	47.04	39
Sure-Grow SG 125BR	525.71	30	1077	28	3008	19	35.95	38	4.62	26	1.08	35	38	83.1	35	27.1	34	8.4	21	48.79	20
Deltapine DP 451B/RR	508.95	36	1042	36	3010	17	34.92	42	4.59	30	1.12	36	12	83.3	29	26.5	38	7.8	40	48.94	14

Shaded values not significantly different from highest value.

Table 38: 2001 Delta Mid-Maturity Bollgard Round Up Ready Varieties

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Microaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Stoneville ST X9905BR	519.43	10	1029	10	2617	17	39.47	4	4.87	4	1.15	37	6	84.1	7	31.8	8	7.9	13	49.92	16
Deltapine DP 458B/RR	512.33	12	998	15	2683	12	37.26	14	4.70	12	1.11	36	16	82.9	21	30.3	15	8.1	10	50.84	8

Shaded values not significantly different from highest value.

Table 39: 2001 Hill Early-Maturity Bollgard Only Varieties

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Stoneville ST 4691B	620.87	6	1204	5	2988	7	40.29	5	4.61	19	1.12	36	16	84.1	22	29.1	30	8.4	29	51.38	21
FiberMax FM 958 BG	588.87	9	1097	14	2792	23	39.21	15	4.42	31	1.14	37	7	84.6	9	33.8	2	8.2	33	52.78	6
Deltapine DP 428B	583.71	11	1124	10	2980	8	37.48	31	4.61	20	1.13	36	13	83.9	29	27.6	38	8.2	34	51.50	18
Deltapine NuCOTN 33B	563.73	19	1054	29	2835	18	37.04	32	4.37	34	1.13	36	12	83.9	30	29.8	20	8.4	31	52.85	5
Deltapine DP 20B	562.71	22	1047	30	2918	11	35.82	37	4.42	32	1.14	37	8	84.4	12	28.4	34	8.6	19	52.54	9
Paymaster PM 1560BG	524.92	32	1018	33	2610	33	38.65	21	4.49	26	1.11	36	25	83.9	31	30.2	18	8.5	22	51.32	24

Shaded values not significantly different from highest value.

Table 40: 2001 Hill Mid-Maturity Bollgard Only Varieties

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FiberMax FM 966 BG	645.22	2	1189	2	3033	2	39.13	5	4.29	20	1.15	37	3	84.3	4	32.2	2	8.1	22	53.38	1
Deltapine DP 448B	603.19	5	1133	7	3035	1	37.58	16	4.28	21	1.12	36	15	83.5	20	28.4	21	8.2	19	52.73	7
Deltapine NuCOTN 35B	585.47	10	1088	11	2956	4	37.00	21	4.30	19	1.12	36	13	83.6	16	31.5	6	8.2	18	53.19	3
Deltapine NuCOTN 33B	560.61	15	1048	16	2827	15	37.35	19	4.34	16	1.13	36	12	83.6	17	29.3	18	8.6	10	52.69	8

Shaded values not significantly different from highest value.

Table 41: 2001 Hill Early-Maturity Round Up Ready Varieties

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Deltapine DP 436RR	581.44	12	1115	12	3135	2	35.45	38	4.66	14	1.14	37	10	84.4	14	28.4	35	8.7	9	51.73	15
Sure-Grow SG 521R	553.57	25	1057	26	2731	28	38.61	22	4.62	18	1.09	35	36	84.1	24	29.3	25	8.8	7	51.33	23
Deltapine DP 425RR	546.57	28	1061	23	2846	17	37.00	33	4.66	13	1.12	36	23	84.0	25	28.6	33	8.5	21	51.47	20
Stoneville ST 4793R	526.79	31	1047	31	2615	32	40.17	7	4.83	4	1.09	35	35	84.0	26	30.7	15	8.7	12	50.03	35
Garst/Agripro 1500RR	503.75	36	950	38	2505	36	38.00	28	4.03	38	1.12	36	22	83.5	36	30.9	11	8.4	30	52.42	10
Paymaster PM1199RR	496.09	38	1001	35	2536	35	39.36	13	4.85	1	1.10	35	29	84.6	10	30.7	16	8.4	26	49.69	38

Shaded values not significantly different from highest value.

Table 42: 2001 Hill Mid-Maturity Round Up Ready Varieties

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Deltapine DP 5415RR	588.33	9	1099	10	2886	10	38.03	13	4.55	7	1.13	36	9	84.0	11	30.1	13	8.7	6	53.08	5
Deltapine DP 5690RR	547.15	20	1021	20	2742	19	37.40	18	4.33	17	1.12	36	17	83.6	18	31.9	4	8.4	15	52.67	9
Garst/Agripro 4600RR	511.48	22	993	21	2611	21	38.13	9	4.44	11	1.07	34	22	83.1	22	28.8	20	8.7	7	50.45	21

Shaded values not significantly different from highest value.

Table 43: 2001 Hill Early-Maturity Bollgard Round Up Ready Varieties

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Stoneville ST 4892BR	634.21	4	1258	2	3118	3	40.25	6	4.81	5	1.10	35	30	84.2	19	30.5	17	8.7	14	50.50	29
Sure-Grow SG 215BG/RR	631.73	5	1227	3	3014	4	41.57	1	4.57	21	1.08	35	38	83.7	33	28.1	36	8.8	8	51.05	25
Deltapine DP 451B/RR	578.10	13	1080	17	2998	6	35.99	36	4.57	23	1.13	36	11	84.7	6	28.6	32	8.3	32	52.92	4
Sure-Grow SG 125BR	563.51	20	1069	20	2895	13	36.87	34	4.47	27	1.11	36	28	83.8	32	29.1	29	8.7	13	52.31	11
Sure-Grow SG 501BR	550.72	26	1091	15	2858	15	37.80	29	4.71	9	1.09	35	34	84.2	20	31.1	9	8.9	3	50.42	30
Paymaster PM 1218BG/RR	522.28	33	1056	28	2659	31	39.59	11	4.65	15	1.08	35	37	83.5	34	29.2	28	8.4	25	49.77	37

Shaded values not significantly different from highest value.

Table 44: 2001 Hill Mid-Maturity Bollgard Round Up Ready Varieties

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
Stoneville ST X9905BR	628.91	3	1175	3	2953	5	39.55	4	4.43	13	1.13	36	10	83.7	15	30.7	9	8.2	16	52.41	16
Deltapine DP 458B/RR	592.83	7	1114	9	2928	7	38.08	10	4.57	6	1.12	36	16	83.4	21	30.2	12	8.4	12	52.43	14
Deltapine DP 655B/RR	558.72	16	1044	17	2831	14	37.05	20	4.30	18	1.12	36	18	83.5	19	31.8	5	8.4	13	52.56	12
Paymaster PM1560BG/RR	523.41	21	981	22	2597	22	37.86	15	4.13	22	1.12	36	14	83.8	12	29.3	17	8.4	14	52.44	13

Shaded values not significantly different from highest value.

Table 45: 2001 Delta Early-Maturity

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
OA-87	636.44	1	1324	1	3185	4	41.83	2	4.99	3	1.11	36	20	83.7	18	28.4	23	8.4	17	47.89	28
Sure-Grow SG 105	604.57	3	1226	4	3219	2	38.20	19	4.67	20	1.11	36	15	84.2	7	29.0	17	8.4	14	49.27	12
Stoneville ST 457	584.55	5	1202	8	3107	7	38.62	16	4.55	32	1.11	36	18	83.5	23	29.5	11	9.1	1	48.51	24
FiberMax FM 958	579.60	7	1179	11	2971	24	39.83	4	4.77	15	1.15	37	5	84.1	9	30.6	4	7.5	43	48.62	23
Sure-Grow SG 747	571.47	9	1204	7	3100	9	38.87	12	4.87	7	1.10	35	27	83.7	17	26.5	37	8.4	18	47.28	36
DES 816	567.59	10	1158	12	3104	8	37.45	27	4.80	13	1.13	36	9	83.8	13	30.2	6	8.4	16	48.90	16
FiberMax FM 966	564.91	11	1132	16	2976	23	38.15	20	4.61	28	1.14	37	6	84.4	4	32.2	1	7.6	41	49.65	10
Garst/Agripro AP9257	561.52	12	1122	19	2981	22	37.74	23	4.49	35	1.09	35	30	83.2	34	28.9	18	8.1	35	49.83	7
Stoneville BXN 49B	556.73	15	1145	14	3059	14	37.55	26	4.43	38	1.13	36	8	83.7	16	28.4	24	8.2	31	48.87	17
PG-40	555.68	16	1100	24	3004	20	36.72	33	4.37	43	1.19	37	2	85.4	1	28.9	19	8.8	3	50.48	2
PhytoGen PSC 355	554.01	18	1242	3	3198	3	38.94	11	5.03	2	1.11	36	21	84.2	6	29.6	9	9.0	2	44.29	43
Stoneville BXN 47	553.73	19	1135	15	2938	27	38.73	13	4.67	22	1.09	35	29	83.0	36	28.4	21	8.2	32	48.92	15
Deltapine DP 491	543.38	21	1116	20	2797	35	40.10	3	4.56	31	1.21	37	1	84.2	8	29.7	7	7.6	42	48.43	25
RGC2002	541.95	22	1105	23	3009	18	36.85	30	4.37	42	1.07	34	39	83.0	37	27.6	29	8.5	12	48.86	18
OA-85	538.93	23	1127	17	2690	40	41.92	1	4.65	24	1.09	35	31	82.5	43	28.0	27	8.0	38	47.45	33
MISCOT 8839	537.44	24	1093	27	2984	21	36.79	31	4.87	8	1.15	37	3	84.4	5	28.3	25	8.2	33	48.96	13
Stoneville ST 474	533.02	26	1149	13	2908	29	39.57	7	4.89	5	1.09	35	34	83.6	20	29.0	16	8.6	9	46.45	40
DES 607	514.90	32	1024	38	2616	42	39.06	8	4.45	36	1.14	37	7	83.9	11	27.5	30	8.3	29	50.23	4
MISCOT 8806	514.60	33	1067	31	2917	28	36.74	32	4.80	12	1.12	36	13	84.0	10	30.2	5	8.4	15	47.86	30
MISCOT 8806-3-2-21	510.07	34	1065	32	2778	36	38.53	17	4.85	10	1.11	36	16	83.9	12	29.0	15	8.8	4	47.58	32
DES 810	509.11	35	1072	29	2948	26	36.43	36	4.61	27	1.10	35	22	83.8	14	29.7	8	8.4	23	47.15	37
Deltapine DP 388	504.38	37	1010	41	2747	37	36.94	29	4.50	33	1.09	35	37	82.8	41	28.7	20	8.7	5	49.85	6
RGC2001	498.95	39	1023	39	2717	38	37.70	24	4.79	14	1.10	35	23	83.4	28	29.3	12	8.4	20	48.31	26
MISCOT 8806-3-2-35	494.19	40	1070	30	2709	39	39.73	6	4.88	6	1.09	35	33	83.4	25	27.4	32	8.3	26	46.06	41

Shaded values not significantly different from highest value.

Table 46: 2001 Delta Mid-Maturity

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
PhytoGen PSC 355*	612.37	1	1289	1	3264	1	39.52	3	5.04	1	1.11	36	13	84.4	5	30.8	11	9.0	2	47.01	22
FiberMax FM 966	605.42	2	1175	2	3029	2	38.80	7	4.63	15	1.17	37	4	85.1	1	34.8	1	7.6	21	51.13	4
Deltapine DeltaPEARL	581.45	4	1144	4	2872	7	39.88	2	4.85	7	1.18	37	3	84.3	6	30.5	12	7.6	22	50.00	14
Stoneville ST 580	565.67	5	1107	7	2947	4	37.59	12	4.61	17	1.10	35	18	83.3	15	30.3	14	8.4	5	50.91	6
Deltapine DP 491	564.45	6	1107	6	2675	14	41.57	1	4.66	14	1.23	37	1	84.6	2	32.0	7	7.8	18	50.61	9
Deltapine DP 565	541.65	7	1057	9	2805	9	37.80	11	4.70	13	1.14	37	7	83.9	9	30.9	10	8.0	12	50.95	5
Stoneville ST 474*	540.14	8	1138	5	2907	5	39.13	6	4.97	2	1.10	35	21	83.8	10	30.1	17	8.5	4	47.34	21
Sure-Grow SG 747*	526.48	9	1092	8	2873	6	38.03	10	4.97	3	1.10	35	19	83.6	11	28.3	22	8.6	3	48.04	20
GC 377	512.34	11	1015	11	2676	13	38.04	8	4.86	6	1.12	36	9	83.6	12	29.5	18	8.3	8	49.97	15
Sure-Grow 821	507.84	15	987	16	2599	19	38.03	9	4.75	11	1.11	36	14	83.9	8	30.5	13	9.0	1	51.20	3
GC 271	498.57	16	1004	12	2860	8	35.13	22	4.79	9	1.16	37	5	84.5	4	33.0	3	8.4	6	49.26	18
Deltapine DP 5415	448.69	22	890	22	2393	22	37.24	15	4.87	5	1.12	36	11	83.5	14	30.3	16	8.4	7	49.70	17

Shaded values not significantly different from highest value.

Table 47: 2001 Hill Early-Maturity

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FiberMax FM 966	692.56	1	1290	1	3210	1	40.16	8	4.57	22	1.15	37	5	84.8	3	35.2	1	7.9	37	52.76	7
Deltapine DP 491	646.41	2	1194	6	2954	10	40.31	4	4.19	36	1.19	37	1	84.7	7	31.5	8	8.0	36	53.27	1
FiberMax FM 958	644.80	3	1205	4	2965	9	40.50	2	4.63	16	1.16	37	3	84.6	8	32.9	3	7.9	38	52.74	8
Stoneville BXN 47	590.40	8	1167	8	2913	12	39.76	10	4.72	8	1.11	36	24	84.3	18	29.6	22	8.4	28	50.26	32
Stoneville ST 457	587.98	10	1126	9	2849	16	39.36	14	4.45	29	1.12	36	17	84.2	21	30.9	10	9.3	1	51.59	16
DES 607	575.12	14	1071	18	2660	30	39.93	9	4.39	33	1.14	37	9	84.3	17	28.8	31	8.6	17	53.17	2
Garst/Agripro AP9257	572.83	15	1089	16	2817	20	38.82	19	4.26	35	1.10	35	32	83.3	38	29.5	23	8.1	35	51.48	19
PG-40	571.51	16	1058	25	2768	26	38.15	26	4.15	37	1.16	37	2	85.5	1	30.8	12	8.9	4	53.00	3
PhytoGen PSC 355	569.83	17	1122	11	2861	14	39.07	17	4.80	6	1.12	36	18	84.4	16	31.9	5	9.2	2	50.38	31
Sure-Grow SG 747	564.59	18	1109	13	2793	21	39.38	12	4.83	3	1.12	36	20	84.7	5	27.9	37	8.8	6	50.23	33
RGC 2002	562.80	21	1069	19	2765	27	38.52	24	4.46	28	1.10	35	31	84.1	23	29.2	27	8.6	15	51.55	17
DES 816	560.70	23	1065	21	2769	25	38.28	25	4.57	24	1.12	36	21	83.5	37	31.6	7	8.7	10	52.04	12
MISCOT 8839	556.66	24	1058	24	2793	22	37.78	30	4.70	11	1.15	37	4	84.8	2	29.4	24	8.4	27	51.95	13
MISCOT 8806	548.37	27	1061	22	2781	24	38.02	27	4.75	7	1.13	36	14	84.4	15	32.0	4	8.6	16	50.76	28
DES 810	539.06	29	1034	32	2832	19	36.45	35	4.53	25	1.10	35	33	83.5	35	31.7	6	8.7	11	50.80	27
Sure-Grow SG 105	529.86	30	1056	27	2711	29	38.89	18	4.84	2	1.12	36	15	84.8	4	30.8	14	8.6	20	49.79	36
RGC 2001	515.51	34	1000	36	2572	34	38.52	23	4.63	17	1.12	36	19	84.0	27	30.8	13	8.5	23	50.92	26
MISCOT 8806-3-2-35	510.20	35	1008	34	2497	38	40.34	3	4.70	10	1.11	36	27	84.0	28	29.7	21	8.6	18	50.16	34
MISCOT 8806-3-2-21	501.32	37	968	37	2498	37	38.74	20	4.67	12	1.11	36	26	84.4	13	30.1	19	8.9	5	51.37	22

Shaded values not significantly different from highest value.

Table 48: 2001 Hill Mid-Maturity

NAME	Loan Value Per Acre		Lint Yield		Seedcotton Yield		Gin Turnout		Micronaire		Length (UHM)			Uniformity Index		Strength		Elongation		Net Loan Price	
	\$\$\$\$/A	Rank	lb/A	Rank	lb/A	Rank	%	Rank	Mic	Rank	in	32nds	Rank	%	Rank	g/tex	Rank	EL	Rank	\$/100lb	Rank
FiberMax FM 966	656.44	1	1210	1	3033	3	39.84	3	4.44	12	1.15	37	5	85.1	1	34.3	1	8.1	20	53.38	2
Deltapine DP 491	620.53	4	1156	5	2879	12	40.02	1	4.43	14	1.18	37	1	84.3	5	31.1	7	8.2	17	53.05	6
SureGrow SG 747	602.08	6	1158	4	2906	8	39.93	2	4.72	2	1.11	36	19	84.1	7	27.5	22	8.8	4	50.92	20
Deltapine DeltaPEARL	590.82	8	1115	8	2881	11	38.56	7	4.53	9	1.16	37	2	84.1	9	30.8	8	8.1	21	52.22	17
Sure-Grow SG 821	576.83	11	1082	12	2819	17	38.38	8	4.57	5	1.11	36	21	84.1	6	29.2	19	9.0	2	52.42	15
Stoneville ST 580	573.41	12	1078	14	2839	13	38.05	12	4.61	3	1.13	36	11	83.7	14	29.6	15	8.8	3	52.62	11
PhytoGen PSC 355	567.86	13	1148	6	2933	6	39.00	6	4.80	1	1.11	36	20	84.0	10	30.3	11	9.1	1	48.69	22
Deltapine DP 565	565.46	14	1081	13	2824	16	38.06	11	4.54	8	1.14	37	8	84.1	8	29.6	16	8.5	11	51.49	19
GC 377	554.10	17	1027	19	2743	18	37.41	17	4.45	10	1.14	37	6	84.4	3	30.7	10	8.8	5	53.17	4
GC 271	553.01	18	1053	15	2895	9	36.56	22	4.58	4	1.15	37	4	84.6	2	32.1	3	8.7	8	51.84	18
Deltapine DP 5415	548.64	19	1028	18	2714	20	37.95	14	4.40	15	1.14	37	7	83.8	13	29.8	14	8.7	9	52.67	10

Shaded values not significantly different from highest value.

Participating Companies and Varieties Entered		
Companies	Varieties	Test
Agripro Seeds, Inc. 6075 Poplar Ave, Suite 435 Memphis, TN 38119	AgriPro 1500 RR2 AgriPro 4600 RR2 AgriPro AP 9257	Early Maturity: Hills Mid Maturity: Delta and Hills Early Maturity: Delta and Hills
Aventis Crop Science 311 Popular View Lane West Collierville, TN 38017	Fibermax FM 958 Fibermax FM 966 Fibermax FM 958 BG1 Fibermax FM 966 BG1	Early Maturity: Delta and Hills Early&Mid Maturity: Delta and Hills Early Maturity: Delta and Hills Mid Maturity: Delta and Hills
Delta & Pine Land Company P.O. Box 157 Scott, MS 38772	DeltaPearl Deltapine DP 20 B1 Deltapine DP 388 Deltapine DP 420 RR2 Deltapine DP 422 B/RR1,2 Deltapine DP 425 RR2 Deltapine DP 428 B1 Deltapine DP 436 RR2 Deltapine DP 448B1 Deltapine DP 451 B/RR1,2 Deltapine DP 458 B/RR1,2 Deltapine DP 491 Deltapine DP 5415 Deltapine DP 5415 RR2 Deltapine DP 5690 RR2 Deltapine DP 655 B/RR1,2 Deltapine NuCotn 33 B1 Deltapine NuCotn 35 B1 Paymaster PM 1199 RR2 Paymaster PM 1218 BG/RR1,2 Paymaster PM 1560 BG1 Paymaster PM 1560 BG/RR1,2 Sure-Grow 215 BG/RR1,2 Sure-Grow 105 Sure-Grow 125 BR1,2 Sure-Grow 501BR1,2 Sure-Grow 521 RR2 Sure-Grow 747 Sure-Grow 821	Mid Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta Early Maturity: Delta Early Maturity: Delta Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Mid Maturity: Delta and Hills Early Maturity: Delta and Hills Mid Maturity: Delta and Hills Early&Mid Maturity: Delta and Hills Mid Maturity: Delta and Hills Mid Maturity: Delta and Hills Mid Maturity: Delta and Hills Early&Mid Maturity: Delta and Hills Mid Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Mid Maturity:Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Mid Maturity: Delta and Hills
DREC-CIP P.O. Box 197 Stoneville, MS 38776	DES 810 DES 816	Early Maturity: Delta and Hills Early Maturity: Delta and Hills
Germain's Cotton Seed 5904 Hartman Ave. P.O. Box 10027 Bakersfield CA	Germain's GC 271 Germain's GC 377 Germain's PC-40	Mid Maturity: Delta and Hills Mid Maturity: Delta and Hills Early Maturity: Delta and Hills
Mississippi State University Ted Wallace, Ph.D. Box 9555 Mississippi State, MS 39762	MISCOT 8806 MISCOT 8839 MISCOT 8806-3-2-21 MISCOT 8806-3-2-35	Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills
O&A 32860 W. Smith-Enne Rd. AZ 85239	OA-85 OA-87	Early Maturity: Delta Early Maturity: Delta
Phytogen 3790 Old Hwy 61 Leland, MS 38756	PhytoGen PSC 355	Early&Mid Maturity: Delta and Hills
Stoneville Pedigreed Seed Co. 6625 Lenox Park Drive, Suite 117 Memphis, TN 38187	Stoneville BXN 473 Stoneville BXN 49 B1,3 Stoneville ST 457 Stoneville ST 4691 B1 Stoneville ST 4793 R2 Stoneville ST 4892 BR1,2 Stoneville ST 580 Stoneville X 9905 BR (1,2)	Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Early Maturity: Delta and Hills Mid Maturity: Delta and Hills Mid Maturity: Delta and Hills
1 Indicates transgenic Bt variety with resistance to tobacco budworm 2 Indicates transgenic Roundup Ready variety with resistance to Roundup Ultra herbicide 3 Indicates transgenic BXN variety with resistance to Btcuril herbicide		