



Mississippi COTTON

VARIETY TRIALS, 2000



Experiment Station

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NOTICE TO USER

This Mississippi Agricultural and Forestry Experiment Station information bulletin is a summary of research conducted under project number 171460 at at the Delta Research and Extension Center in Stoneville, Mississippi, and several other locations in the state. It is intended for the use of colleagues, cooperators, and sponsors. The interpretation of data presented herein may change after additional experimentation. Information included herein is not to be construed either as a recommendation for use or as an endorsement of a specific product by Mississippi State University or the Mississippi Agricultural and Forestry Experiment Station. Trade names of commercial products used in this report are included only for clarity and understanding. All available names (trade names, chemical names, experimental product code names or numbers, etc.) of products used in this research project are listed in the tables contained in this report.

2000 Mississippi Cotton Variety Trials

Table 1. 3-Year Averages, All Maturity Groups, Delta Region, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

Name	Maturity	3 year avg.		2000	1999	1998
		Lint Yield (#/A)	Rank	(#/A)	(#/A)	(#/A)
Paymaster PM 1218 BG/RR	E	1253	1	1098	1476	1185
PhytoGen PSC 355	E	1208	2	1067	1513	1044
Sure-Grow 747	E	1201	3	1065	1398	1140
Sure-Grow 105	E	1186	4	1075	1349	1134
Paymaster PM 1560 BG	E	1171	5	1051	1272	1189
Fibermax FM 966	M	1165	6	1085	1280	1131
Deltapine DP 388	E	1137	7	1047	1343	1022
Deltapine DP 20 B	E	1137	8	1064	1235	1113
AgriPro AP 7115	E	1137	9	1026	1246	1137
Deltapine DP 428 B	E	1123	10	1035	1312	1024
Deltapine NuCotn 33 B	M	1100	11	1003	1202	1096
Stoneville BXN 47	E	1099	12	975	1262	1060
Stoneville ST 474	E	1098	13	958	1239	1098
Deltapine DP 436 RR	E	1060	14	987	1231	962
Fibermax FM 819	E	1025	15	920	1192	963
Deltapine DP 425 RR	E	1019	16	977	1157	923
Fibermax FM 832	M	1017	17	913	1135	1004
Deltapine DP 458 B/RR	M	1011	18	986	972	1075
Deltapine DP 5415 RR	M	956	19	847	1032	990
Grand Mean		1111		1009	1255	1068

Table 2. 2-Year Averages, All Maturity Groups, Delta Region, 2000 Mississippi Cotton Variety Trials . (Creech, 2001)

Name	Maturity	2 year avg.		2000	1999
		Lint Yield (#/A)	Rank	Lint Yield (#/A)	Lint Yield (#/A)
MISCOT 8806-3-2-19	E	1313	1	1082	1545
PhytoGen PSC 355	E	1290	2	1067	1513
Paymaster PM 1218 BG/RR	E	1287	3	1098	1476
MISCOT 8839-3-10-2	E	1248	4	1011	1485
Fibermax FM 958	E	1236	5	1068	1405
Sure-Grow 747	E	1232	6	1065	1398
Sure-Grow 105	E	1212	7	1075	1349
Deltapine DP 388	E	1195	8	1047	1343
Stoneville ST 4691 B	E	1189	9	1107	1270
Fibermax FM 966	M	1182	10	1085	1280
Deltapine DP 428 B	E	1173	11	1035	1312
Sure-Grow 125 BR	E	1170	12	1163	1177
Paymaster PM 1560 BG	E	1162	13	1051	1272
Deltapine DP 20 B	E	1149	14	1064	1235
AgriPro AP 7115	E	1136	15	1026	1246
Stoneville ST 4892 BR	E	1121	16	1079	1163
Stoneville BXN 47	E	1118	17	975	1262
Deltapine DP 436 RR	E	1109	18	987	1231
Deltapine DP 420 RR	E	1107	19	1023	1192
Deltapine NuCotn 33 B	M	1102	20	1003	1202
Stoneville ST 474	E	1099	21	958	1239
Stoneville ST 4793R	E	1093	22	1003	1183
Deltapine DP 451 B/RR	E	1092	23	1039	1146
Sure-Grow 501BR	E	1085	24	1007	1164
Deltapine DP 425 RR	E	1067	25	977	1157
SS 9815	M	1057	26	977	1138
Fibermax FM 819	E	1056	27	920	1192
Deltapine DP 422 B/RR	E	1042	28	984	1100
SS 9901	E	1026	29	907	1146
Fibermax FM 832	M	1024	30	913	1135
Sure-Grow 125 RR	E	1012	31	854	1169
Deltapine DP 675	M	1009	32	909	1108
Deltapine DP 458 B/RR	M	979	33	986	972
Deltapine DP 5415 RR	M	939	34	847	1032
Fibermax FM 989	M	856	35	827	885
Grand Mean		1119		1006	1232

Table 3. Lint Yields in the Delta Region Early Maturity Test, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Delta Means		Stoneville		Tunica		Clarksdale		Rolling Fork		Tribbett		Choctaw 30"	
	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank
Sure-Grow 125 BR	1163	1*	1188	2*	1213	12	810	2*	1131	1*	1016	9	1561	5
MISCOT 8806-3-2-21	1123	2*	1127	9*	1265	8	757	5	915	12	1209	1*	1404	19
SS 9907	1119	3	1169	4*	1114	28	846	1*	868	19	942	20	1729	1*
Stoneville ST 4691 B	1107	4	1186	3*	1291	6*	647	19	860	21	924	24	1660	2*
Paymaster PM 1218 BG/RR	1098	5	959	32	1225	11	689	10	1036	5*	1180	2*	1433	17
MISCOT 8806-3-2-35	1085	6	1205	1*	1106	30	776	4*	903	13	1130	4*	1342	27
MISCOT 8806-3-2-19	1082	7	1023	20	1348	1*	728	7	1083	3*	968	17	1281	36
Stoneville ST 4892 BR	1079	8	1092	11	1192	13	636	22	1099	2*	924	23	1460	15
Sure-Grow 105	1075	9	978	28	1121	25	625	25	1051	4*	1133	3*	1470	13
Fibermax FM 958	1068	10	1007	26	1337	3*	598	30	936	9	891	29	1563	4
PhytoGen PSC 355	1067	11	1066	15	1348	2*	797	3*	857	22	922	25	1369	25
Sure-Grow 747	1065	12	1131	8*	1188	14	599	29	924	11	1000	10	1472	12
Deltapine DP 20 B	1064	13	1010	24	1298	5*	639	21	996	7	1054	6	1317	31
AgriPro AP 9257	1062	14	1074	13	1136	19	606	28	1005	6	976	16	1502	9
Paymaster PM 1560 BG	1051	15	1077	12	1153	18	512	40	988	8	1025	8	1463	14
Deltapine DP 388	1047	16	1142	7*	1118	27	670	14	925	10	1025	7	1340	28
SS Gavilan	1039	18	964	31	1226	10	680	12	802	29	905	27	1597	3*
Deltapine DP 451 B/RR	1039	17	965	30	1170	15	666	15	879	15	987	13	1506	7
Deltapine DP 428 B	1035	19	1011	23	1168	16	652	18	870	17	1059	5	1385	21
AgriPro AP 7115	1026	20	1056	17	1107	29	598	31	844	24	1000	11	1478	10
Deltapine DP 420 RR	1023	21	1152	5*	1098	31	696	9	811	28	996	12	1331	29
Stoneville X 0001	1022	22	975	29	1248	9	672	13	851	23	823	36	1504	8
MISCOT 8839-3-10-2	1011	23	857	35	1335	4*	634	23	772	31	980	14	1423	18
Sure-Grow 501BR	1007	24	952	33	1131	22	658	17	871	16	978	15	1397	20
Stoneville ST 4793R	1003	25	1146	6*	1156	17	729	6	643	37	855	34	1443	16
Deltapine DP 436 RR	987	26	1009	25	1122	24	626	24	866	20	928	22	1312	32
Deltapine DP 422 B/RR	984	27	1044	18	1049	33	641	20	890	14	935	21	1288	34
Deltapine DP 425 RR	977	28	1018	22	959	36	683	11	832	26	947	19	1377	22
Stoneville BXN 47	975	29	911	34	1121	26	607	27	841	25	831	35	1477	11
SS Condor	968	30	1029	19	1060	32	661	16	619	38	880	31	1507	6
Sure-Grow 521 RR	964	31	1020	21	990	35	702	8	827	27	914	26	1291	33
Stoneville ST 474	958	32	1062	16	1130	23	615	26	733	33	870	33	1283	35
Sure-Grow 821	955	33	823	37	1286	7*	582	34	773	30	886	30	1318	30
NK 2108ss	951	34	1120	10*	900	39	526	39	869	18	962	18	1258	38
BR 9802	937	35	1067	14	1042	34	530	36	731	34	904	28	1280	37
Fibermax FM 819	920	36	804	39	1132	20	528	38	770	32	870	32	1350	26
SS 9901	907	37	853	36	1132	21	529	37	697	35	790	38	1377	23
Sure-Grow 125 RR	854	38	990	27	953	37	576	35	649	36	814	37	1098	40
Deltapine DP 5415 RR**	847	39	811	38	937	38	598	32	617	39	709	40	1371	24
AgriPro 1500 RR	796	40	796	40	887	40	582	33	559	40	720	39	1197	39

GRAND MEAN

1001

997

1141

640

842

927

1399

LSD

43

104

71

80

109

83

151

CV

13.93

14.03

8.40

15.40

17.49

12.12

14.52

R-SQUARED

0.83

0.58

0.67

0.51

0.58

0.65

0.56

REPS

35

6

6

5

6

6

6

*Not significantly different from #1

** Mid maturity variety

Table 4. Delta Region Early Maturity Varieties Average Yields and Fiber Properties Across Locations in the 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Sure-Grow 125 BR	1163	1*	3085	1*	37.4	17	4.6	7	1.05	40	83.3	36	26.8	39	8.5	18	10.3
MISCOT 8806-3-2-21	1123	2*	3048	2*	36.5	27	4.3	30	1.12	7	84.1	7	28.7	18	8.6	8	10.3
SS 9907	1119	3*	2884	8	38.6	2	5.0	1*	1.09	33	84.2	3	31.7	2	8.5	16	10.2
Stoneville ST 4691 B	1107	4	2879	11	38.0	10	4.3	32	1.11	14	83.4	29	27.5	34	8.0	38	10.4
Paymaster PM 1218 BG/RR	1098	5	2884	7	37.9	11	4.3	31	1.09	32	83.6	25	27.8	27	8.4	20	10.4
MISCOT 8806-3-2-35	1085	6	2804	16	38.5	4	4.6	9	1.10	19	83.6	19	27.8	24	8.3	24	10.3
MISCOT 8806-3-2-19	1082	7	3003	4*	35.8	32	4.3	28	1.12	5	84.2	6	30.4	4	8.6	11	10.3
Stoneville ST 4892 BR	1079	8	2795	19	38.3	8	4.4	23	1.08	34	83.6	26	28.6	20	8.3	26	10.4
Sure-Grow 105	1075	9	2880	10	37.0	21	4.7	5	1.12	6	84.6	1*	29.2	15	8.5	14	10.1
Fibermax FM 958	1068	10	2797	18	37.7	13	4.3	26	1.16	2*	83.9	11	29.7	11	7.7	40	10.4
PhytoGen PSC 355	1067	11	2829	13	37.5	16	4.5	20	1.12	10	84.0	9	30.4	5	9.1	1*	10.5
Sure-Grow 747	1065	12	2756	23	38.2	9	4.7	6	1.10	23	84.1	8	27.4	35	8.6	10	10.0
Deltapine DP 20 B	1064	13	2882	9	36.6	26	4.1	38	1.11	15	83.7	15	27.4	36	8.6	12	10.3
AgriPro AP 9257	1062	14	2799	17	37.5	14	4.4	25	1.08	35	83.4	32	29.1	17	8.1	35	10.0
Paymaster PM 1560 BG	1051	15	2792	20	37.2	20	4.5	12	1.11	16	83.9	10	29.6	12	8.5	13	10.1
Deltapine DP 388	1047	16	2818	14	36.9	23	4.3	27	1.09	30	83.6	18	29.2	16	8.8	3	10.3
Deltapine DP 451 B/RR	1039	17	3016	3*	34.0	39	4.5	13	1.12	4	83.6	20	27.5	33	8.1	32	10.0
SS Gavilan	1039	18	2607	30	39.3	1*	4.8	4*	1.09	28	83.6	17	29.5	13	8.6	9	10.0
Deltapine DP 428 B	1035	19	2919	5	35.1	35	4.5	18	1.11	13	83.2	37	26.2	40	8.0	37	10.2
AgriPro AP 7115	1026	20	2707	24	37.5	15	4.2	34	1.09	29	82.9	40	27.8	25	8.2	30	10.2
Deltapine DP 420 RR	1023	21	2781	21	36.5	28	4.4	24	1.10	22	83.6	24	27.3	37	8.4	21	10.4
Stoneville X 0001	1022	22	2699	25	37.3	18	4.1	37	1.12	8	83.3	35	27.6	30	8.1	33	10.2
MISCOT 8839-3-10-2	1011	23	2875	12	34.5	38	4.2	33	1.15	3	83.6	22	27.6	31	8.1	36	10.3
Sure-Grow 501BR	1007	24	2681	26	37.2	19	4.6	8	1.07	36	83.7	16	29.8	9	8.7	5	10.2
Stoneville ST 4793R	1003	25	2572	32	38.5	3	4.4	22	1.09	26	83.5	28	29.4	14	8.4	23	10.3
Deltapine DP 436 RR	987	26	2907	6	33.8	40	4.5	10	1.12	11	83.8	12	27.5	32	8.5	17	10.4
Deltapine DP 422 B/RR	984	27	2780	22	35.1	34	4.2	35	1.09	27	83.6	23	27.1	38	8.5	15	9.9
Deltapine DP 425 RR	977	28	2807	15	34.6	37	4.5	16	1.10	17	83.4	33	27.7	29	8.3	27	10.1
Stoneville BXN 47	975	29	2544	33	37.8	12	4.5	19	1.10	24	83.4	30	27.7	28	8.1	31	10.1
SS Condor	968	30	2487	34	38.4	6	4.9	3*	1.07	39	83.4	34	28.7	19	8.1	34	10.1
Sure-Grow 521 RR	964	31	2608	28	36.8	24	4.4	21	1.07	38	83.7	14	28.0	22	8.7	4	10.2
Stoneville ST 474	958	32	2426	36	38.4	5	4.5	11	1.10	25	83.6	21	28.0	23	8.2	29	10.1
Sure-Grow 821	955	33	2573	31	36.6	25	4.5	17	1.10	18	84.2	5	29.7	10	9.0	2*	10.3
NK 2108ss	951	34	2608	29	36.1	31	4.1	39	1.10	20	83.1	38	28.1	21	8.3	28	10.5
BR 9802	937	35	2674	27	34.6	36	4.9	2*	1.09	31	84.4	2*	32.4	1*	8.7	6	10.3
Fibermax FM 819	920	36	2370	37	38.3	7	4.1	36	1.17	1*	84.2	4	31.3	3	7.9	39	10.2
SS 9901	907	37	2468	35	36.2	30	4.5	14	1.10	21	83.0	39	29.9	8	8.4	19	10.0
Sure-Grow 125 RR	854	38	2290	38	37.0	22	4.3	29	1.07	37	83.8	13	27.8	26	8.7	7	10.1
Deltapine DP 5415 RR**	847	39	2286	39	36.5	29	4.5	15	1.11	12	83.5	27	30.1	7	8.4	22	10.1
AgriPro 1500 RR	796	40	2238	40	35.1	33	4.0	40	1.12	9	83.4	31	30.4	6	8.3	25	10.3

GRAND MEAN	1009		2714		36.8		4.4		1.10		83.7		28.8		8.4		10.2
LSD	55		148		0.6		0.1		0.01		0.4		0.6		0.1		0.4
CV	13.88		13.83		3.07		5.43		2.18		0.92		3.84		3.23		7.03
R-SQUARED	0.82		0.78		0.87		0.82		0.80		0.68		0.79		0.72		0.43
REPS	35		35		18		18		18		18		18		18		18

*Not significantly different from #1

** Mid maturity variety

Table 5. Stoneville Yields and Fiber Properties in the Delta Region Early Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	RANK	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
MISCOT 8806-3-2-35	1205	1*	3158	4*	38.2	7*	4.7	12	1.12	24	84.6	10*	28.1	27	8.3	27	10.3
Sure-Grow 125 BR	1188	2*	3223	2*	36.8	15	4.8	6*	1.11	34	83.5	34	28.3	24	8.6	9	9.9
Stoneville ST 4691 B	1186	3*	3104	9*	38.2	6*	4.5	25	1.15	8	83.9	27	27.6	31	8.1	36	9.8
SS 9907	1169	4*	3055	11*	38.3	4*	4.9	5*	1.10	37	83.9	25	31.6	4*	8.4	18	10.8
Deltapine DP 420 RR	1152	5*	3234	1*	35.6	30	4.3	33	1.12	28	83.7	29	26.9	38	8.3	22	10.1
Stoneville ST 4793R	1146	6*	3014	13*	38.0	8*	4.4	32	1.13	20	84.2	16*	28.9	16	8.3	28	9.8
Deltapine DP 388	1142	7*	3150	5*	36.3	25	4.4	28	1.12	29	83.3	39	29.1	15	8.7	7	10.2
Sure-Grow 747	1131	8*	2959	15*	38.2	5*	5.0	3*	1.12	30	84.1	20	27.4	34	8.8	6	9.9
MISCOT 8806-3-2-21	1127	9*	3112	8*	36.2	26	4.5	26	1.13	16	84.5	12*	28.3	23	8.6	11	9.9
NK 2108ss	1120	10*	3136	7*	35.7	29	4.3	37	1.11	31	83.8	28	27.9	28	8.2	33	9.6
Stoneville ST 4892 BR	1092	11*	2965	14*	36.8	16	4.5	24	1.10	38	83.1	40	28.5	20	8.3	23	10.6
Paymaster PM 1560 BG	1077	12*	2943	16*	36.6	22	4.8	8*	1.12	25	84.4	15*	29.8	12	8.4	17	9.6
AgriPro AP 9257	1074	13*	2883	22*	37.3	10	4.6	18	1.11	32	83.9	24	29.2	14	8.1	37	9.8
BR 9802	1067	14	3136	6*	34.0	37	5.1	1*	1.13	19	84.7	8	31.7	3*	8.6	12	9.6
PhytoGen PSC 355	1066	15	2894	20*	36.8	17	4.6	22	1.13	17	84.8	6*	31.8	2*	9.2	1*	10.4
Stoneville ST 474	1062	16	2761	25	38.5	3*	4.8	7*	1.13	14	84.6	11*	28.7	19	8.2	31	10.3
AgriPro AP 7115	1056	17	2883	21*	36.6	20	4.3	36	1.12	27	83.3	35	28.4	22	8.3	26	10.2
Deltapine DP 422 B/RR	1044	18	3060	10*	34.1	36	4.4	29	1.13	23	83.7	30	26.9	39	8.6	13	9.4
SS Condor	1029	19	2649	30	38.8	2*	5.0	4*	1.08	39	83.3	36	28.8	18	8.0	39	9.8
MISCOT 8806-3-2-19	1023	20	2902	18*	35.3	32	4.4	31	1.16	5*	85.1	3*	31.3	6	8.5	14	10.7
Sure-Grow 521 RR	1020	21	2801	24	36.4	24	4.6	17	1.11	33	84.5	13*	27.4	33	8.8	3	9.9
Deltapine DP 425 RR	1018	22	3019	12*	33.7	38	4.6	20	1.13	18	84.1	18	27.4	32	8.3	25	10.1
Deltapine DP 428 B	1011	23	2919	17*	34.6	35	4.7	9	1.14	11	84.1	19	26.3	40	8.0	38	10.5
Deltapine DP 20 B	1010	24	2821	23	35.8	28	4.1	40	1.13	22	84.0	22	27.0	37	8.7	8	10.4
Deltapine DP 436 RR	1009	25	3158	3*	32.0	40	4.5	23	1.17	3*	84.7	7*	27.2	35	8.4	16	10.0
Fibermax FM 958	1007	26	2685	27	37.5	9*	4.4	30	1.19	2*	84.7	9*	30.7	7	7.8	40	10.2
Sure-Grow 125 RR	990	27	2695	26	36.7	18	4.6	21	1.11	36	85.0	4*	27.7	29	8.8	4	9.8
Sure-Grow 105	978	28	2671	28	36.6	19	4.7	11	1.13	13	85.3	1*	29.8	11	8.5	15	9.7
Stoneville X 0001	975	29	2665	29	36.6	21	4.1	41	1.16	4*	83.6	32	28.4	21	8.2	29	10.1
Deltapine DP 451 B/RR	965	30	2902	19*	33.3	39	4.4	27	1.16	7*	84.5	14*	27.1	36	8.2	30	9.9
SS Gavilan	964	31	2483	33	38.8	1*	5.0	2*	1.13	21	84.1	21	30.6	8	8.8	5	10.4
Paymaster PM 1218 BG/RR	959	32	2594	31	37.0	14	4.2	38	1.12	26	83.9	26	28.2	25	8.4	19	9.9
Sure-Grow 501BR	952	33	2570	32	37.0	13	4.7	10	1.08	40	83.6	33	30.1	9	8.6	10	9.7
Stoneville BXN 47	911	34	2456	35	37.1	12	4.6	13	1.11	35	83.3	37	27.7	30	8.2	34	10.1
MISCOT 8839-3-10-2	857	35	2467	34	34.7	34	4.3	35	1.16	6*	84.1	17	28.2	26	8.1	35	10.1
SS 9901	853	36	2404	36	35.5	31	4.6	16	1.13	12	83.3	38	28.9	17	8.4	20	9.8
Sure-Grow 821	823	37	2273	38	36.2	27	4.6	19	1.13	15	84.9	5*	31.4	5*	9.0	2*	10.4
Deltapine DP 5415 RR**	811	38	2227	39	36.4	23	4.6	15	1.14	10	84.0	23	30.1	10	8.3	24	9.6
Fibermax FM 819	804	39	2167	40	37.1	11	4.3	34	1.19	1*	85.2	2*	32.6	1*	8.2	32	9.9
AgriPro 1500 RR	796	40	2290	37	34.8	33	4.2	39	1.15	9	83.7	31	29.6	13	8.3	21	10.5

GRAND MEAN 1022 2812 36.3 4.6 1.13 84.1 28.9 8.4 10.0
LSD 133 367 1.4 0.3 0.03 1.1 1.2 0.3 0.8

CV 13.67 13.69 2.78 4.13 2.19 0.93 3.10 2.57 5.84
R-SQUARED 0.48 0.47 0.79 0.74 0.63 0.47 0.83 0.73 0.34
REPS 6 6 3 3 3 3 3 3 3

*Not significantly different from #1

** Mid maturity variety

Table 6. Tunica Yields and Fiber Properties in the Delta Region Early Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
MISCOT 8806-3-2-19	1348	1*	3568	1*	37.8	32	4.7	23	1.13	4*	84.1	7*	31.5	4	8.7	7	10.0
PhytoGen PSC 355	1348	2*	3356	3*	40.2	11	5.0	7	1.11	6	84.1	8*	31.7	3	9.2	2*	11.2
Fibermax FM 958	1337	3*	3241	7	41.3	2*	4.9	14	1.15	2*	84.2	5*	29.5	16	7.9	39	10.1
MISCOT 8839-3-10-2	1335	4*	3528	2*	37.8	31	4.6	25	1.15	3*	83.8	10*	27.6	29	8.2	33	9.9
Deltapine DP 20 B	1298	5*	3322	5	39.1	17	4.5	33	1.08	11	82.8	33	27.0	37	8.4	15	11.2
Stoneville ST 4691 B	1291	6*	3178	10	40.6	8*	4.5	34	1.07	23	83.1	20	27.5	32	8.2	35	10.7
Sure-Grow 821	1286	7*	3342	4*	38.5	29	4.6	24	1.07	21	83.8	9*	29.8	12	9.3	1*	10.0
MISCOT 8806-3-2-21	1265	8*	3273	6	38.6	23	4.6	29	1.10	8	84.4	2*	29.9	11	8.9	3	10.6
Stoneville X 0001	1248	9	3158	11	39.5	14	4.3	38	1.06	25	82.4	38	27.4	34	8.1	36	10.2
SSGavilan	1226	10	2992	15	41.0	5*	4.8	17	1.07	18	83.6	14	28.6	22	8.7	8	9.8
Paymaster PM 1218 BG/RR	1225	11	3084	14	39.7	12	4.4	37	1.08	15	83.3	18	28.0	27	8.3	24	10.4
Sure-Grow 125 BR	1213	12	3129	12	38.8	22	5.0	6	1.04	34	83.4	17	26.8	38	8.4	19	10.6
Stoneville ST 4892 BR	1192	13	2923	19	40.8	7*	4.7	21	1.02	40	82.8	31	28.3	25	8.3	27	10.0
Sure-Grow 747	1188	14	2952	17	40.3	9*	5.0	8	1.05	32	83.5	15	25.8	39	8.4	21	10.1
Deltapine DP 451 B/RR	1170	15	3210	8	36.4	39	5.0	5	1.07	19	83.5	16	27.2	36	8.2	30	10.3
Deltapine DP 428 B	1168	16	3092	13	37.8	33	4.6	30	1.08	13	82.8	32	25.7	40	7.8	40	9.3
Stoneville ST 4793R	1156	17	2794	29	41.4	1*	4.7	20	1.05	28	83.0	26	29.3	17	8.4	17	10.7
Paymaster PM 1560 BG	1153	18	2966	16	38.9	21	4.6	28	1.07	17	84.2	6*	30.3	10	8.5	14	10.9
AgriPro AP 9257	1136	19	2894	22	39.2	16	4.8	19	1.05	27	83.1	21	29.5	15	8.3	22	10.3
SS 9901	1132	20	2912	20	38.9	20	4.9	11	1.07	24	82.7	35	30.4	8	8.4	16	10.4
Fibermax FM 819	1132	21	2760	30	41.0	4*	4.5	32	1.16	1*	83.7	11*	31.3	5	7.9	38	10.6
Sure-Grow 501BR	1131	22	2932	18	38.6	25	4.9	13	1.04	33	83.0	28	29.7	13	8.6	9	11.3
Stoneville ST 474	1130	23	2760	31	40.9	6*	5.1	4	1.04	36	83.1	22	28.9	18	8.4	18	10.4
Deltapine DP 436 RR	1122	24	3207	9	35.0	40	5.0	9	1.08	14	83.3	19	27.6	30	8.6	10	10.8
Sure-Grow 105	1121	25	2909	21	38.5	27	4.9	12	1.09	9	84.7	1*	29.7	14	8.6	12	10.6
Stoneville BXN 47	1121	26	2728	33	41.1	3*	4.9	10	1.03	38	82.3	40	28.3	24	8.2	31	10.0
Deltapine DP 388	1118	27	2875	23	38.9	19	4.8	16	1.07	22	83.6	12	30.3	9	8.9	4	10.1
SS 9907	1114	28	2820	28	39.5	15	5.5	1*	1.05	31	84.3	3*	33.0	2*	8.8	5	10.1
AgriPro AP 7115	1107	29	2843	25	39.0	18	4.5	36	1.05	30	82.4	39	28.8	20	8.2	32	10.0
MISCOT 8806-3-2-35	1106	30	2748	32	40.2	10	4.8	18	1.11	5	83.6	13	28.7	21	8.3	25	9.8
Deltapine DP 420 RR	1098	31	2843	26	38.6	24	4.6	31	1.08	12	83.1	23	27.5	33	8.4	20	10.5
SS Condor	1060	32	2671	34	39.7	13	5.4	2*	1.03	37	83.1	24	28.0	26	8.0	37	9.8
Deltapine DP 422 B/RR	1049	33	2866	24	36.6	37	4.3	39	1.05	29	82.9	29	27.5	31	8.3	28	9.8
BR 9802	1042	34	2823	27	36.9	35	5.3	3*	1.07	20	84.2	4*	33.5	1*	8.6	11	10.1
Sure-Grow 521 RR	990	35	2614	36	37.9	30	4.7	22	1.02	39	82.5	37	28.4	23	8.7	6	10.8
Deltapine DP 425 RR	959	36	2622	35	36.6	38	4.5	35	1.08	16	82.9	30	27.6	28	8.2	34	10.2
Sure-Grow 125 RR	953	37	2470	37	38.6	26	4.6	26	1.04	35	83.0	27	27.4	35	8.5	13	10.0
Deltapine DP 5415 RR	937	38	2433	38	38.5	28	4.8	15	1.06	26	82.6	36	30.5	7	8.3	23	10.6
NK 2108ss	900	39	2384	40	37.8	34	4.2	41	1.10	7	82.8	34	28.8	19	8.3	26	10.5
AgriPro 1500 RR	887	40	2413	39	36.8	36	4.2	40	1.09	10	83.0	25	31.0	6	8.3	29	10.2

GRAND MEAN	1145		2941		38.9		4.7		1.07		83.3		29.0		8.4		10.3
LSD	91		234		1.0		0.3		0.03		1.0		1.1		0.3		1.2
CV	8.35		8.35		2.0		5.15		2.27		0.90		2.86		2.64		8.18
R-SQUARED	0.68		0.66		0.9		0.68		0.76		0.53		0.88		0.75		0.29
REPS	6		6		3		3		3		3		3		3		3

*Not significantly different from #1

** Mid maturity variety

Table 7. Clarksdale Yields and Fiber Properties in the Delta Region Early Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
SS 9907	846	1*	2183	4*	38.8	1*	4.6	1*	1.08	22	83.5	2*	31.4	2*	8.2	27	9.7
Sure-Grow 125 BR	810	2*	2310	1*	35.1	14	4.1	11	1.05	36	82.1	33	27.1	36	8.5	6*	9.9
PhytoGen PSC 355	797	3*	2150	6*	37.1	2*	4.1	13	1.09	13	83.2	8*	30.5	6*	8.9	1*	9.7
MISCOT 8806-3-2-35	776	4*	2137	8*	36.3	6	4.0	19	1.11	5*	83.1	9*	27.4	31	8.2	25	10.1
MISCOT 8806-3-2-21	757	5*	2199	2*	34.4	22	4.2	7*	1.07	26	82.5	23*	28.4	20	8.3	17	9.6
Stoneville ST 4793R	729	6	2003	12	36.4	3	4.0	16	1.06	31	82.0	34	29.1	14	8.2	22	9.5
MISCOT 8806-3-2-19	728	7	2189	3*	33.3	29	3.8	28	1.11	4*	83.5	3*	30.3	9*	8.5	5*	10.1
Sure-Grow 521 RR	702	8	2009	11	34.9	17	3.9	23	1.07	27	83.2	5*	28.3	22	8.6	2*	10.6
Deltapine DP 420 RR	696	9	2003	13	34.7	19	4.1	12	1.07	29	82.6	20*	27.3	35	8.3	18	10.3
Paymaster PM 1218 BG/RR	689	10	1898	18	36.3	7	3.7	33	1.06	35	83.0	12*	28.4	19	8.3	16	10.2
Deltapine DP 425 RR	683	11	2124	9*	32.2	36	4.1	8	1.08	20	82.2	32	27.3	34	8.2	21	10.3
SS Gavilan	680	12	1872	22	36.3	5	4.1	10	1.06	33	81.7	37	29.0	16	8.3	19	9.0
Stoneville X 0001	672	13	1944	15	34.6	20	3.6	38	1.10	10*	82.4	27	26.6	39	7.6	36	9.6
Deltapine DP 388	670	14	1947	14	34.4	23	3.8	27	1.08	18	83.0	10*	29.6	12	8.4	8	9.9
Deltapine DP 451 B/RR	666	15	2137	7*	31.2	39	4.3	4*	1.09	16	82.4	25	27.7	25	7.9	31	9.8
SS Condor	661	16	1891	20	34.9	15	4.3	5*	1.04	40	82.3	28	29.2	13	8.2	26	9.7
Sure-Grow 501BR	658	17	1882	21	34.9	16	4.3	3*	1.06	30	82.3	29	29.1	15	8.3	12	10.3
Deltapine DP 428 B	652	18	2016	10*	32.3	34	4.1	14	1.09	12	81.6	39	26.1	40	7.6	34	9.6
Stoneville ST 4691 B	647	19	1780	27	36.3	4	3.8	26	1.09	15	81.7	38	27.0	37	7.3	38	10.1
Deltapine DP 422 B/RR	641	20	1941	17	33.0	32	3.8	29	1.08	24	82.5	24*	27.4	33	8.3	13	9.8
Deltapine DP 20 B	639	21	1895	19	33.7	27	3.6	37	1.10	7*	83.2	6*	27.5	30	8.5	7*	10.6
Stoneville ST 4892 BR	636	22	1794	26	35.5	9	3.9	24	1.07	25	82.8	16*	28.4	21	8.0	28	9.8
MISCOT 8839-3-10-2	634	23	2176	5*	29.1	40	3.7	32	1.13	1*	82.7	18*	28.6	18	7.6	33	10.5
Deltapine DP 436 RR	626	24	1944	16	32.2	35	4.1	9	1.09	17	82.8	17*	27.8	24	8.4	10	9.6
Sure-Grow 105	625	25	1826	23	34.2	25	4.0	17	1.11	6*	83.6	1*	29.7	11	8.3	14	9.6
Stoneville ST 474	615	26	1741	30	35.3	12	3.8	25	1.08	19	81.1	40	26.8	38	7.3	39	9.3
Stoneville BXN 47	607	27	1722	31	35.3	13	3.9	22	1.09	11	82.3	31	27.4	32	7.8	32	9.3
AgriPro AP 9257	606	28	1768	29	34.3	24	3.7	34	1.05	37	82.3	30	27.7	27	7.5	37	9.8
Sure-Grow 747	599	29	1719	32	34.9	18	4.0	15	1.10	8*	82.9	14*	27.7	29	8.6	4*	10.2
AgriPro AP 7115	598	30	1689	33	35.4	11	3.7	31	1.08	23	82.4	26	27.7	28	8.0	29	10.2
Fibermax FM 958	598	31	1686	34	35.5	10	3.7	35	1.12	3*	82.5	22*	28.7	17	7.1	40	10.5
Deltapine DP 5415 RR**	598	32	1797	25	33.3	28	4.0	21	1.08	21	82.5	21*	30.8	4*	8.3	15	9.0
AgriPro 1500 RR	582	33	1810	24	32.2	37	3.5	39	1.09	14	81.8	36	30.9	3*	8.2	24	10.3
Sure-Grow 821	582	34	1777	28	32.7	33	3.6	36	1.10	9*	82.9	13*	30.3	8*	8.6	3*	10.3
Sure-Grow 125 RR	576	35	1673	35	34.4	21	3.7	30	1.05	39	82.7	19*	27.9	23	8.4	9	10.7
BR 9802	530	36	1656	36	32.0	38	4.2	6*	1.06	32	83.3	4*	31.7	1*	8.3	20	9.8
SS 9901	529	37	1601	37	33.1	31	4.0	18	1.05	38	82.0	35	30.7	5*	8.2	23	9.8
Fibermax FM 819	528	38	1467	40	36.0	8	4.0	20	1.13	2*	83.2	7*	30.5	7*	7.6	35	10.2
NK 2108ss	526	39	1591	38	33.1	30	3.4	40	1.06	34	82.8	15*	27.7	26	7.9	30	9.4
Paymaster PM 1560 BG	512	40	1509	39	33.9	26	4.3	2*	1.07	28	83.0	11*	30.2	10	8.4	11	9.5

GRAND MEAN

648

1886

34.3

3.9

1.08

82.6

28.7

8.1

9.9

LSD

103

299

1.9

0.4

0.03

1.2

1.4

0.4

0.9

CV

15.24

15.14

4.15

7.28

2.10

1.02

3.51

3.78

6.40

R-SQUARED

0.49

0.44

0.71

0.54

0.65

0.43

0.77

0.72

0.42

REPS

5

5

3

3

3

3

3

3

3

*Not significantly different from #1

** Mid maturity variety

Table 8. Rolling Fork Yields and Fiber Properties in the Delta Region Early Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Sure-Grow 125 BR	1131	1*	3101	1*	36.5	14*	4.1	19	1.07	40	83.7	35	25.9	40	8.4	18	9.3
Stoneville ST 4892 BR	1099	2*	2952	3*	37.2	4*	4.1	18	1.14	19	84.4	16	27.9	18	8.2	30	10.4
MISCOT 8806-3-2-19	1083	3*	3087	2*	35.1	28	4.0	24	1.16	9	85.3	2*	29.7	5	8.7	3*	9.6
Sure-Grow 105	1051	4*	2886	4*	36.4	15*	4.5	2*	1.15	13	85.2	3*	27.8	19	8.5	9	10.2
Paymaster PM 1218 BG/RR	1036	5*	2803	5*	37.0	8*	3.9	31	1.12	35	83.6	38	26.7	34	8.4	16	10.0
AgriPro AP 9257	1005	6*	2671	9	37.6	1*	4.4	5*	1.13	24	84.5	14	28.9	10	8.3	24	9.7
Deltapine DP 20 B	996	7*	2748	6*	36.2	19*	4.0	27	1.13	22	84.3	19	27.1	26	8.6	4*	10.0
Paymaster PM 1560 BG	988	8*	2716	7*	36.4	16*	4.1	21	1.16	11	84.1	23	28.5	14	8.3	22	10.0
Fibermax FM 958	936	9	2522	14	37.1	5*	4.0	25	1.20	2*	84.8	6*	29.1	7	7.8	38	9.9
Deltapine DP 388	925	10	2605	11	35.5	25	3.9	32	1.12	36	84.5	13	28.1	17	8.6	8*	10.7
Sure-Grow 747	924	11	2471	16	37.4	2*	4.4	7*	1.13	25	84.7	9	26.5	37	8.6	6*	10.0
MISCOT 8806-3-2-21	915	12	2705	8*	33.8	37	3.6	39	1.17	7*	84.8	7*	28.1	16	8.6	5*	10.6
MISCOT 8806-3-2-35	903	13	2424	20	37.2	3*	4.1	22	1.13	27	84.0	29	26.0	39	8.2	25	10.1
Deltapine DP 422 B/RR	890	14	2591	12	34.3	33	3.9	29	1.13	28	83.8	32	26.8	31	8.6	7*	10.1
Deltapine DP 451 B/RR	879	15	2671	10	32.9	40	4.1	23	1.16	8	84.2	20	26.7	33	8.0	36	10.0
Sure-Grow 501BR	871	16	2404	22	36.2	20*	4.3	10*	1.12	31	85.2	4*	30.0	3*	8.9	2*	9.4
Deltapine DP 428 B	870	17	2551	13	34.1	35	4.1	17	1.14	18	83.8	34	26.3	38	8.0	37	10.8
NK 2108ss	869	18	2467	17	35.2	26	3.8	36	1.12	33	83.3	39	27.7	21	8.3	23	10.6
SS 9907	868	19	2387	24	36.3	18*	4.4	4*	1.11	37	84.1	22	31.1	1*	8.3	20	9.7
Deltapine DP 436 RR	866	20	2510	15	34.5	32	4.2	12	1.14	16	84.7	10	26.8	30	8.5	12	10.1
Stoneville ST 4691 B	860	21	2410	21	35.7	24*	3.7	38	1.14	21	84.2	21	26.5	36	7.7	39	10.7
PhytoGen PSC 355	857	22	2444	19	35.1	30	3.7	37	1.17	4*	84.0	27	28.7	13	8.5	11	10.0
Stoneville X 0001	851	23	2333	25	36.5	13*	3.9	30	1.17	3*	83.9	30	27.7	22	8.1	33	10.5
AgriPro AP 7115	844	24	2281	29	37.0	7*	3.9	33	1.14	17	83.7	37	26.8	29	8.1	32	9.8
Stoneville BXN 47	841	25	2390	23	35.2	27	4.0	26	1.15	12	84.6	12	26.7	32	8.1	35	10.2
Deltapine DP 425 RR	832	26	2453	18	33.9	36	4.3	8*	1.13	26	84.1	25	27.6	24	8.3	21	10.1
Sure-Grow 521 RR	827	27	2310	27	35.8	23*	4.1	20	1.09	39	84.1	26	27.0	27	8.5	10	9.2
Deltapine DP 420 RR	811	28	2321	26	34.9	31	4.3	11*	1.14	20	84.4	17	26.6	35	8.4	17	10.9
SS Gavilan	802	29	2175	31	36.9	10*	4.6	1*	1.12	34	84.3	18	27.6	23	8.5	13	9.9
Sure-Grow 821	773	30	2095	33	36.9	9*	4.3	9*	1.13	23	84.5	15	28.4	15	8.9	1*	10.0
MISCOT 8839-3-10-2	772	31	2304	28	33.5	38	4.0	28	1.17	5*	84.0	28	27.2	25	8.1	34	11.0
Fibermax FM 819	770	32	2104	32	36.6	11*	3.5	40	1.20	1*	84.7	11	28.8	11	7.7	40	10.2
Stoneville ST 474	733	33	2003	34	36.6	12*	4.2	13	1.15	15	84.8	8*	27.7	20	8.3	19	10.3
BR 9802	731	34	2210	30	33.1	39	4.5	3*	1.12	30	85.8	1*	30.9	2*	8.4	15	10.0
SS 9901	697	35	1986	35	35.1	29	4.1	16	1.15	14	83.9	31	29.1	8	8.2	27	10.4
Sure-Grow 125 RR	649	36	1791	36	36.2	21*	3.9	35	1.09	38	83.2	40	26.9	28	8.4	14	9.4
Stoneville St 4793R	643	37	1768	37	36.3	17*	4.2	15	1.12	32	83.7	36	29.0	9	8.2	29	10.3
SS Condor	619	38	1671	39	37.1	6*	4.4	6*	1.12	29	83.8	33	28.8	12	8.2	31	10.1
Deltapine DP 5415 RR**	617	39	1720	38	35.9	22*	4.2	14	1.17	6*	84.9	5*	29.1	6	8.2	26	10.1
AgriPro 1500 RR	559	40	1636	40	34.2	34	3.9	34	1.16	10	84.1	24	29.9	4*	8.2	28	10.5

GRAND MEAN 855 2392 35.7 4.1 1.14 84.3 28.0 8.3 10.1

LSD 143 397 2.0 0.3 0.03 1.0 1.2 0.4 1.0

CV 17.54 17.41 4.10 5.62 1.72 0.86 3.22 3.16 6.90

R-SQUARED 0.56 0.55 0.56 0.64 0.75 0.47 0.78 0.60 0.36

REPS 6 6 3 3 3 3 3 3 3

*Not significantly different from #1

** Mid maturity variety

Table 9. Tribbett Yields and Fiber Properties in the Delta Region Early Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
MISCOT 8806-3-2-21	1209	1*	3253	1*	37.2	16	4.4	31	1.12	4	84.1	2*	28.8	10	8.7	9*	10.4
Paymaster PM 1218 BG/RR	1180	2*	3109	2*	38.0	7	4.7	12	1.09	14	83.5	11*	27.0	33	8.7	10*	11.4
Sure-Grow 105	1133	3*	3022	4*	37.5	9	5.0	6*	1.11	7	83.8	5*	28.6	13	8.6	11	10.1
MISCOT 8806-3-2-35	1130	4*	2905	6	38.9	2*	4.9	8*	1.08	25	82.9	32	27.9	23	8.5	14	10.7
Deltapine DP 428 B	1059	5	3060	3*	34.6	37	4.7	14	1.09	19	82.5	37	25.5	40	8.3	33	9.9
Deltapine DP 20 B	1054	6	2878	7	36.6	22	4.3	36	1.07	29	83.0	29	27.1	32	8.4	27	9.8
Paymaster PM 1560 BG	1025	7	2769	9	37.0	18	4.7	11	1.12	6	83.7	6*	27.9	21	8.5	19	10.0
Deltapine DP 388	1025	8	2742	13	37.4	12	4.4	29	1.07	26	83.2	16	28.3	19	9.0	3*	9.8
Sure-Grow 125 BR	1016	9	2774	8	36.6	23	4.8	10*	1.02	40	83.1	24	25.9	39	8.5	15	10.8
Sure-Grow 747	1000	10	2652	19	37.7	8	5.0	5*	1.06	34	83.7	7*	28.3	18	8.5	21	9.9
AgriPro AP 7115	1000	11	2685	16	37.2	14	4.3	32	1.08	22	82.3	39	26.7	34	8.3	30	10.2
Deltapine DP 420 RR	996	12	2723	14	36.6	24	4.6	16	1.07	27	83.1	22	27.4	28	8.4	24	10.5
Deltapine DP 451 B/RR	987	13	2989	5*	33.0	40	4.5	25	1.12	5	82.6	36	27.9	22	8.1	38	9.9
MISCOT 8839-3-10-2	980	14	2752	11	35.6	31	4.3	38	1.14	2*	82.8	34	26.0	38	8.2	37	10.3
Sure-Grow 501BR	978	15	2698	15	36.2	27	4.4	26	1.06	36	83.5	13*	28.5	15	8.7	8*	10.3
AgriPro AP 9257	976	16	2630	21	37.1	17	4.5	21	1.07	28	83.3	15	28.9	9	8.3	35	10.3
MISCOT 8806-3-2-19	968	17	2649	20	36.6	25	4.5	22	1.09	21	83.0	30	29.4	6	8.4	25	10.2
NK 2108ss	962	18	2668	18	36.1	29	4.3	35	1.11	10	82.5	38	27.5	26	8.4	22	10.6
Deltapine DP 425 RR	947	19	2747	12	34.5	38	4.6	18	1.11	8	82.8	33	27.5	25	8.3	34	10.1
SS 9907	942	20	2467	27	38.2	5*	5.0	4*	1.07	30	84.5	1*	30.7	4*	8.5	18	10.3
Deltapine DP 422 B/RR	935	21	2682	17	34.9	35	4.4	30	1.08	23	83.1	25	27.2	30	8.6	12	10.5
Deltapine DP 436 RR	928	22	2763	10	33.6	39	4.6	15	1.06	35	82.8	35	26.4	37	8.6	13	9.9
Stoneville ST 4691 B	924	23	2543	23	36.3	26	4.2	39	1.09	17	83.6	10*	27.4	27	8.2	36	10.2
Stoneville ST 4892 BR	924	24	2412	29	38.3	4*	4.6	17	1.08	24	83.1	26	28.1	20	8.5	20	10.4
PhytoGen PSC 355	922	25	2480	26	37.2	15	4.5	23	1.10	13	83.4	14	28.6	14	9.1	1*	10.2
Sure-Grow 521 RR	914	26	2489	25	36.7	19	4.7	13	1.04	39	83.2	20	27.7	24	8.9	5*	10.2
SS Gavilan	905	27	2290	31	39.5	1*	5.1	3*	1.06	32	83.2	18	30.7	3*	8.9	4*	10.3
BR 9802	904	28	2606	22	34.7	36	5.1	1*	1.05	37	84.1	3*	32.7	1*	9.1	2*	10.2
Fibermax FM 958	891	29	2532	24	35.2	33	4.4	27	1.13	3*	83.0	28	28.7	12	7.8	40	10.6
Sure-Grow 821	886	30	2420	28	36.6	21	4.8	9*	1.07	31	83.7	8*	28.3	17	8.9	6*	10.5
SS Condor	880	31	2314	30	38.0	6	5.1	2*	1.06	33	82.9	31	28.3	16	8.3	31	10.4
Fibermax FM 819	870	32	2271	34	38.3	3*	4.3	37	1.17	1*	83.5	12*	32.1	2*	8.0	39	9.2
Stoneville ST 474	870	33	2096	38	37.3	13	4.3	33	1.10	12	83.2	17	26.5	36	8.4	26	10.3
Stoneville ST 4793R	855	34	2287	32	37.4	11	4.4	28	1.09	16	83.2	19	28.8	11	8.5	16	10.3
Stoneville BXN 47	831	35	2222	35	37.4	10	4.5	24	1.09	15	83.8	4*	27.1	31	8.3	29	10.7
Stoneville X 0001	823	36	2274	33	36.2	28	4.3	34	1.11	9	83.1	21	26.6	35	8.3	28	10.4
Sure-Grow 125 RR	814	37	2219	36	36.7	20	4.6	19	1.05	38	83.6	9*	27.3	29	8.8	7*	9.9
SS 9901	790	38	2206	37	35.8	30	4.9	7*	1.09	20	81.9	40	29.0	8	8.5	17	9.3
AgriPro 1500 RR	720	39	2058	39	35.0	34	4.1	40	1.09	18	83.0	27	29.9	5	8.4	23	9.7
Deltapine DP 5415 RR	709	40	1993	40	35.6	32	4.6	20	1.10	11	83.1	23	29.3	7	8.3	32	9.9

GRAND MEAN 946 2583 36.5 4.6 1.09 83.2 28.2 8.5 10.3
LSD 105 286 1.3 0.3 0.04 1.0 2.2 0.4 0.9

CV 11.58 11.62 2.65 5.39 2.63 0.84 5.67 3.68 6.75
R-SQUARED 0.61 0.61 0.77 0.63 0.64 0.50 0.62 0.57 0.47
REPS 6 6 3 3 3 3 3 3 3

*Not significantly different from #1

** Mid maturity variety

Table 10. Choctaw Yields and Fiber Properties in the Delta Region Early Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
SS 9907	1729	1*	4275	1*	40.5	12	5.2	3*	1.11	16	85.1	4*	32.5	3*	8.9	7	10.8
Stoneville ST 4691 B	1660	2*	4075	2*	40.7	9	4.8	16	1.11	15	84.2	29	28.7	28	8.2	35	10.9
SS Gavilan	1597	3*	3708	11	43.1	1*	4.9	9*	1.11	18	84.9	10*	30.7	13	8.5	23	10.0
Fibermax FM 958	1563	4*	3929	4*	39.8	17	4.7	23	1.16	2*	84.2	27	31.3	6	7.7	40	11.4
Sure-Grow 125 BR	1561	5*	3842	6*	40.6	11	4.9	10*	1.03	40	84.0	33	26.8	40	8.5	24	11.1
SS Condor	1507	6	3627	17	41.6	3	5.1	4*	1.08	34	84.7	14*	29.0	25	8.1	38	10.9
Deltapine DP 451 B/RR	1506	7	4043	3*	37.3	34	4.9	11*	1.14	4*	84.3	21	28.1	36	8.3	31	10.1
Stoneville X 0001	1504	8	3697	13	40.7	10	4.6	29	1.12	10	84.4	19*	29.2	23	8.4	30	10.2
AgriPro AP 9257	1502	9	3778	8*	39.8	18	4.4	36	1.08	37	83.5	37	30.0	16	8.0	39	10.2
AgriPro AP 7115	1478	10	3694	14	40.0	16	4.5	31	1.09	30	83.2	39	28.5	31	8.2	36	10.7
Stoneville BXN 47	1477	11	3607	19	41.0	6	4.9	14*	1.10	24	84.3	24	29.0	24	8.2	34	10.1
Sure-Grow 747	1472	12	3613	18	40.8	8	4.7	22	1.12	14	85.4	2*	28.6	29	8.8	9	10.6
Sure-Grow 105	1470	13	3790	7*	38.8	25	5.2	2*	1.12	11	84.9	9*	29.6	18	8.5	20	10.2
Paymaster PM 1560 BG	1463	14	3633	16	40.3	14	4.6	26	1.10	25	84.3	25	30.7	11	9.1	4	10.6
Stoneville ST 4892 BR	1460	15	3557	22	41.0	5	4.6	27	1.09	28	85.0	8*	30.1	15	8.6	19	10.7
Stoneville ST 4793R	1443	16	3473	25	41.5	4	4.8	17	1.10	19	84.6	16*	31.0	9	8.6	18	11.2
Paymaster PM 1218 BG/RR	1433	17	3651	15	39.3	21	4.8	18	1.06	39	84.0	34	28.3	34	8.3	32	10.8
MISCOT 8839-3-10-2	1423	18	3909	5*	36.4	39	4.5	34	1.13	7	84.1	30	28.1	35	8.2	33	10.8
MISCOT 8806-3-2-21	1404	19	3604	20	39.0	22	4.7	21	1.13	8	84.2	28	28.5	30	8.7	14	10.5
Sure-Grow 501BR	1397	20	3465	26	40.3	13	4.9	7*	1.07	38	84.6	17*	31.5	5	8.9	8	10.7
Deltapine DP 428 B	1385	21	3726	10	37.2	35	4.8	19	1.12	12	84.3	23	27.3	38	8.4	28	10.7
Deltapine DP 425 RR	1377	22	3761	9	36.6	38	4.9	12*	1.10	27	84.1	32	28.5	32	8.5	22	10.6
SS 9901	1377	23	3558	21	38.7	30	4.5	33	1.10	23	83.9	35	31.3	7	8.6	17	9.9
Deltapine DP 5415 RR	1371	24	3464	28	39.6	19	4.8	15	1.12	9	83.9	36	30.7	12	8.8	12	10.5
PhytoGen PSC 355	1369	25	3537	23	38.7	29	4.9	13*	1.10	22	84.3	22	31.8	4	9.6	1*	11.2
Fibermax FM 819	1350	26	3302	36	40.9	7	4.2	39	1.17	1*	84.7	12*	32.5	2*	8.2	37	10.7
MISCOT 8806-3-2-35	1342	27	3340	34	40.2	15	5.0	5*	1.08	35	83.5	38	28.8	27	8.5	25	11.1
Deltapine DP 388	1340	28	3444	30	38.9	24	4.7	24	1.09	31	84.1	31	29.9	17	9.1	3	10.3
Deltapine DP 420 RR	1331	29	3436	31	38.8	28	4.6	30	1.11	17	84.4	18*	27.9	37	8.4	26	10.4
Sure-Grow 821	1318	30	3401	32	38.8	27	4.9	8*	1.12	13	85.3	3*	30.3	14	9.3	2*	10.6
Deltapine DP 20 B	1317	31	3464	27	38.0	32	4.2	38	1.14	5*	85.0	6*	28.4	33	8.8	11	11.3
Deltapine DP 436 RR	1312	32	3700	12	35.5	40	4.8	20	1.15	3*	84.7	13*	29.3	22	8.4	27	10.9
Sure-Grow 521 RR	1291	33	3328	35	38.8	26	4.6	25	1.08	33	84.8	11*	29.5	20	8.7	16	11.0
Deltapine DP 422 B/RR	1288	34	3401	33	37.9	33	4.3	37	1.10	20	85.4	1*	26.9	39	8.8	10	10.8
Stoneville ST 474	1283	35	3078	39	41.7	2*	4.9	6*	1.08	32	84.7	15*	29.6	19	8.7	15	10.2
MISCOT 8806-3-2-19	1281	36	3491	24	36.7	37	4.5	32	1.10	21	84.4	20*	30.9	10	8.7	13	11.0
BR 9802	1280	37	3444	29	37.2	36	5.2	1*	1.10	26	84.3	26	33.9	1*	9.1	5	11.4
NK 2108ss	1258	38	3232	37	38.9	23	4.4	35	1.09	29	83.1	40	28.9	26	8.4	29	11.2
AgriPro 1500 RR	1197	39	3149	38	38.0	31	4.0	40	1.14	6*	85.0	7*	31.1	8	8.5	21	10.9
Sure-Grow 125 RR	1098	40	2791	40	39.3	20	4.6	28	1.08	36	85.1	5*	29.4	21	8.9	6	10.6

GRAND MEAN

1405

3575

39.3

4.7

1.11

84.5

29.8

8.6

10.7

LSD

198

502

1.3

0.3

0.03

1.1

1.6

0.4

1.1

CV

14.78

14.71

2.51

5.05

2.11

0.94

4.00

3.36

7.71

R-SQUARED

0.55

0.53

0.83

0.74

0.76

0.49

0.79

0.71

0.34

REPS

6

6

3

3

3

3

3

3

3

*Not significantly different from #1

** Mid maturity variety

Table 11. Lint Yields in the Mid-Maturity Delta Region of the 2000 Mississippi Cotton Variety Trials . (Creech, 2001)

NAME	Delta Means		Stoneville		Tunica		Clarksdale		Rolling Fork		Tribbett		Choctaw 30"	
	Lint (#/A)	Rank	Lint (#/A)	Rank	Lint (#/A)	Rank	Lint (#/A)	Rank	Lint (#/A)	Rank	Lint (#/A)	Rank	Lint (#/A)	Rank
Stoneville X 9905	1237	1*	1158	2*	1389	1*	884	2	1077	3	1126	1*	1787	1*
PhytoGen PSC 355**	1186	2	1046	6	1388	2*	1033	1*	1061	4	1039	2	1548	4
Sure-Grow 747**	1149	3	1189	1*	1169	4	716	6	1198	1	1013	3	1607	2
Fibermax FM 966	1085	4	1007	8	1169	5	767	3	1102	2	979	4	1489	7
Stoneville ST 474**	1068	5	1058	4	1072	10	753	4	1040	5	901	6	1586	3
Stoneville ST 580	1029	6	971	9	1138	7	669	9	999	6	879	7	1519	5
Deltapine NuCotn 33 B*	1003	7	1052	5	1224	3	653	10	999	7	713	12	1375	9
AgriPro 4600 RR	987	8	1024	7	1069	11	735	5	787	11	962	5	1348	10
Deltapine DP 458 B/RR	986	9	962	10	1074	9	710	7	951	9	717	11	1503	6
SS 9815	977	10	1071	3	1080	8	631	11	952	8	839	8	1288	12
Fibermax FM 832	913	11	698	14	1158	6	608	12	941	10	691	13	1385	8
Deltapine DP 675	909	12	927	11	992	12	683	8	784	12	725	9	1340	11
Fibermax FM 989	827	13	825	12	988	13	418	14	728	13	725	10	1278	13
Ligur	788	14	822	13	902	14	566	13	542	14	642	14	1256	14

GRAND MEAN 1001 977 1122 700 928 846 1432
LSD 37 56 75 94 86 78 142

CV 12.37 7.72 8.92 17.97 12.39 12.39 13.29
R-SQUARED 0.87 0.81 0.71 0.65 0.78 0.74 0.66
REPS 36 6 6 6 6 6 6

*Not significantly different from #1

**Early Maturity Checks

Table 12. Mid-Maturity Varieties Yields and Fiber Properties Across All Locations in the Delta Region of the 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Stoneville X 9905	1237	1*	3174	2*	38.8	2*	4.2	13	1.14	7	83.0	14	30.4	7	8.0	12	10.1
PhytoGen PSC 355**	1186	2	3187	1*	37.0	5	4.5	7	1.14	8	84.7	3*	31.2	6	9.1	1*	10.1
Sure-Grow 747**	1149	3	3010	3	37.9	3	4.7	3*	1.12	11	84.5	6	28.0	14	8.6	3	9.8
Fibermax FM 966	1085	4	2862	4	37.8	4	4.4	9	1.16	2	85.0	2*	34.5	1*	7.9	14	10.3
Stoneville ST 474**	1068	5	2716	7	39.1	1*	4.7	1*	1.12	12	84.1	8	28.9	12	8.2	11	9.5
Stoneville 6M045	1029	6	2854	5	35.7	12	4.4	10	1.14	6	83.7	11	30.1	10	8.5	4	9.6
Deltapine NuCotn 33 B	1003	7	2850	6	34.9	14	4.3	12	1.14	9	83.7	10	29.7	11	8.3	8	9.6
AgriPro 4600 RR	987	8	2649	10	36.4	8	4.4	8	1.08	14	83.4	13	28.6	13	8.4	6	9.7
Deltapine DP 458 B/RR	986	9	2666	9	36.6	6	4.6	5*	1.13	10	83.6	12	30.2	9	8.3	9	9.4
SS 9815	977	10	2668	8	36.4	9	4.7	2*	1.11	13	84.1	9	30.4	8	8.4	5	9.5
Fibermax FM 832	913	11	2483	12	36.3	10	4.0	14	1.21	1*	85.0	1*	32.2	5	7.9	13	10.0
Deltapine DP 675	909	12	2511	11	35.9	11	4.5	6	1.15	5	84.6	4*	32.4	4	8.7	2	9.6
Fibermax FM 989	827	13	2237	13	36.6	7	4.4	11	1.15	3	84.1	7	33.3	3	8.2	10	9.9
SS Ligur	788	14	2185	14	35.7	13	4.6	4*	1.15	4	84.5	5	33.7	2	8.3	7	9.9

GRAND MEAN	1001		2701		36.7		4.4		1.14		84.2		31.1		8.3		9.8
LSD	48		132		0.5		0.1		0.01		0.4		0.6		0.1		0.4
CV	12.37		12.59		2.37		5.00		1.96		0.91		3.29		2.52		7.91
R-SQUARED	0.87		0.83		0.91		0.73		0.82		0.71		0.87		0.80		0.45
REPS	36		36		18		18		18		18		18		18		18

*Not significantly different from #1

**Early Maturity Checks

Table 13. Stoneville Yields and Fiber Properties in the Delta Region Mid-Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	Ib/A	Rank	Ib/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
<i>Sure-Grow 747**</i>	1189	1*	3226	1*	36.9	3*	4.5	9	1.15	8	84.5	5*	28.7	14	8.6	3	10.7
Stoneville X 9905	1158	2*	3074	3*	37.7	2*	4.0	14	1.17	3	83.4	13	31.6	7	8.0	13	10.0
SS 9815	1071	3	2997	4*	35.7	7	4.8	2*	1.11	13	83.6	11	31.1	8	8.4	4	9.7
<i>Stoneville ST 474**</i>	1058	4	2810	6	37.7	1*	4.6	5*	1.14	9	83.9	8	29.5	12	8.3	9	10.2
Deltapine NuCotn 33 B	1052	5	3104	2*	33.9	14	4.6	6*	1.16	4	83.9	9	29.5	11	8.3	8	10.3
<i>PhytoGen PSC 355**</i>	1046	6	2990	5*	35.0	9	4.4	10	1.15	7	84.6	4*	31.7	6	9.1	1*	10.5
AgriPro 4600 RR	1024	7	2665	11	34.8	12	4.4	12	1.08	14	83.5	12	29.3	13	8.3	7	9.7
Fibermax FM 966	1007	8	2753	8	36.6	4	4.4	11	1.17	2	85.1	3*	34.2	1*	8.0	14	10.0
Stoneville 6M045	971	9	2763	7	35.1	8	4.5	8	1.14	10	84.0	7	30.5	9	8.4	5	10.0
Deltapine DP 458 B/RR	962	10	2690	9	35.8	6	4.9	1*	1.14	12	83.1	14	29.8	10	8.2	11	10.0
Deltapine DP 675	927	11	2679	10	34.6	13	4.8	3*	1.15	6	85.4	1*	32.6	5	8.8	2	9.3
Fibermax FM 989	825	12	2287	13	36.1	5	4.5	7	1.14	11	83.7	10	34.2	2*	8.4	6	9.9
SS Ligur	822	13	2353	12	34.9	10	4.7	4*	1.16	5	84.2	6*	33.3	3*	8.3	10	9.6
Fibermax FM 832	698	14	1999	14	34.9	11	4.2	13	1.21	1*	85.2	2*	33.1	4*	8.1	12	9.2

GRAND MEAN	977		2723		35.6		4.5		1.15		84.2		31.4		8.4		10.0
LSD	73		265		0.8		0.3		0.03		1.1		1.5		0.2		0.9
CV	7.72		10.12		1.60		4.78		1.66		0.97		3.53		1.84		6.24
R-SQUARED	0.81		0.68		0.86		0.65		0.78		0.54		0.80		0.85		0.44
REPS	6		6		3		3		3		3		3		3		3

*Not significantly different from #1

**Early Maturity Checks

Table 14. Tunica Yields and Fiber Properties in the Delta Region Mid-Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Stoneville X 9905	1389	1*	3296	3*	42.1	1*	4.3	12	1.09	12	81.9	14	29.2	11	7.7	14	9.9
PhytoGen PSC 355**	1388	2*	3494	1*	39.7	5	4.6	6*	1.11	7	84.2	3*	32.0	6	9.2	1*	10.0
Deltapine NuCotn 33 B	1224	3	3347	2*	36.6	14	4.2	13	1.12	5	82.9	10	30.1	9	8.3	8	9.1
Sure-Grow 747**	1169	4	2920	7	40.0	3	4.7	4*	1.12	6	83.8	7*	28.1	14	8.7	3	9.3
Fibermax FM 966	1169	5	2926	6	39.9	4	4.8	2*	1.15	2*	84.9	1*	35.1	1*	8.1	13	9.2
Fibermax FM 832	1158	6	2969	5	39.0	6	4.1	14	1.19	1*	84.5	2*	32.3	5	8.2	12	9.2
Stoneville 6M045	1138	7	3038	4	37.5	12	4.6	8*	1.11	8	82.1	13	30.5	8	8.4	7	9.7
SS 9815	1080	8	2814	10	38.4	8	4.8	3*	1.07	13	83.4	8	30.7	7	8.6	4	10.3
Deltapine DP 458 B/RR	1074	9	2820	8	38.1	9	4.6	7*	1.09	10	82.7	11	29.9	10	8.4	6	9.8
Stoneville ST 474**	1072	10	2579	12	41.6	2*	4.9	1*	1.06	14	83.1	9	29.0	12	8.3	10	8.9
AgriPro 4600 RR	1069	11	2820	9	37.9	10	4.4	11	1.09	11	82.5	12	28.4	13	8.5	5	9.6
Deltapine DP 675	992	12	2634	11	37.7	11	4.4	10	1.13	3	83.8	6*	33.5	4	8.9	2*	9.9
Fibermax FM 989	988	13	2551	13	38.8	7	4.7	5*	1.10	9	84.0	4*	33.7	3*	8.2	11	9.3
SS Ligur	902	14	2419	14	37.3	13	4.5	9	1.12	4	83.9	5*	34.1	2*	8.3	9	10.2
GRAND MEAN	1122		2895		38.7		4.5		1.11		83.5		31.3		8.4		9.6
LSD	96		249		0.8		0.3		0.04		1.2		1.4		0.3		0.8
CV	8.92		8.95		1.56		5.26		2.36		1.06		3.16		2.49		6.00
R-SQUARED	0.71		0.65		0.92		0.61		0.70		0.62		0.88		0.82		0.47
REPS	6		6		3		3		3		3		3		3		3

*Not significantly different from #1

**Early Maturity Checks

Table 15. Clarksdale Yields and Fiber Properties in the Delta Region Mid-Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
<i>PhytoGen PSC 355*</i>	1033	1*	2810	1*	36.8	4	4.33	6*	1.15	1*	84.4	1*	31.1	6	9.0	1*	9.8
Stoneville X 9905	884	2	2320	2	38.1	1*	4.30	8*	1.12	8*	82.3	14	31.5	5	8.0	11	9.5
Fibermax FM 966	767	3	2053	5	37.3	3*	4.13	12	1.13	6*	84.3	2*	33.9	2	7.6	13	10.7
<i>Stoneville ST 474*</i>	753	4	1985	8	37.9	2*	4.57	2*	1.10	12	82.4	13	28.2	13	8.0	12	9.0
AgriPro 4600 RR	735	5	2099	3	35.0	7	4.07	13	1.06	14	82.6	12	28.8	12	8.2	8	9.0
<i>Sure-Grow 747*</i>	716	6	1952	9	36.7	5	4.40	5*	1.10	10	83.8	5*	27.6	14	8.8	3*	9.6
Deltapine DP 458 B/RR	710	7	2078	4	34.2	10	4.40	4*	1.13	5*	83.4	7	30.8	8	8.2	7	8.9
Deltapine DP 675	683	8	2017	6	33.9	11	4.47	3*	1.11	9	83.7	6*	33.8	3	8.6	4	9.4
Stoneville 6M045	669	9	1990	7	33.6	12	4.20	10	1.13	4*	84.0	4*	30.5	10	8.8	2*	9.5
Deltapine NuCotn 33 B	653	10	1950	10	33.5	13	4.17	11	1.10	11	82.8	11	30.0	11	8.2	9	9.3
SS 9815	631	11	1816	11	34.7	9	4.67	1*	1.09	13	83.4	8	30.7	9	8.4	5	8.9
Fibermax FM 832	608	12	1751	12	34.7	8	3.87	14	1.14	3*	83.2	9	31.1	7	7.5	14	10.0
SS Ligur	566	13	1691	13	33.4	14	4.33	7*	1.15	2*	84.1	3*	35.9	1*	8.3	6	9.3
Fibermax FM 989	418	14	1192	14	35.1	6	4.27	9	1.12	7*	82.8	10	33.1	4	8.1	10	9.5

GRAND MEAN	700		1981		35.2		4.29		1.12		83.4		31.4		8.3		9.5
LSD	121		344		1.0		0.33		0.03		0.8		1.4		0.3		1.2
CV	17.97		18.02		2.06		5.60		1.83		0.69		3.13		2.78		8.84
R-SQUARED	0.65		0.60		0.89		0.52		0.74		0.73		0.89		0.84		0.33
REPS	6		6		3		3		3		3		3		3		3

*Not significantly different from #1

**Early Maturity Checks

Table 16. Rolling Fork Yields and Fiber Properties in the Delta Region Mid-Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Sure-Grow 747**	1198	1*	3230	1*	37.1	3*	4.70	2*	1.13	13	84.6	8	26.9	14	8.3	8	9.7
Fibermax FM 966	1102	2*	2995	2*	36.8	4*	4.07	11	1.19	3	85.8	2*	33.8	1*	7.7	13	10.6
Stoneville X 9905	1077	3	2929	4*	36.8	5*	3.83	13	1.15	10	83.5	14	29.4	8	7.8	12	10.3
PhytoGen PSC 355**	1061	4	2980	3*	35.6	9	4.40	9	1.16	7	84.9	7*	30.9	4	8.9	1*	10.0
Stoneville ST 474**	1040	5	2754	7	37.8	1*	4.70	3*	1.16	8	85.4	3*	28.2	12	8.3	10	9.2
Stoneville 6M045	999	6	2852	6	35.0	12	4.40	8	1.17	4	84.6	9	28.8	11	8.3	7	10.0
Deltapine NuCotn 33 B	999	7	2923	5*	34.2	14	4.27	10	1.15	9	84.0	13	29.1	10	8.4	4	9.5
SS 9815	952	8	2668	8	35.7	7	4.43	6	1.14	12	84.3	10	29.4	9	8.3	9	9.3
Deltapine DP 458 B/RR	951	9	2559	10	37.2	2*	4.57	4*	1.14	11	84.1	12	29.7	7	8.3	6	9.6
Fibermax FM 832	941	10	2654	9	35.4	11	3.70	14	1.23	1*	85.9	1*	29.8	6	7.6	14	9.6
AgriPro 4600 RR	787	11	2216	11	35.5	10	4.50	5*	1.09	14	84.2	11	28.0	13	8.4	5	10.4
Deltapine DP 675	784	12	2192	12	35.8	6	4.43	7	1.17	5	85.0	5*	30.1	5	8.5	2	9.8
Fibermax FM 989	728	13	2043	13	35.6	8	4.03	12	1.20	2*	85.1	4*	32.6	3	8.2	11	10.1
SS Ligur	542	14	1556	14	34.8	13	4.73	1*	1.16	6	85.0	6*	33.6	2*	8.4	3	10.4

GRAND MEAN

928

2582

35.9

4.35

1.16

84.8

30.2

8.2

9.9

LSD

111

307

1.1

0.25

0.03

1.1

1.1

0.3

1.2

CV

12.39

12.35

2.19

4.17

1.90

0.90

2.68

2.54

8.74

R-SQUARED

0.78

0.76

0.74

0.83

0.79

0.56

0.91

0.79

0.32

REPS

6

6

3

3

3

3

3

3

3

*Not significantly different from #1

**Early Maturity Checks

Table 17. Tribbett Yields and Fiber Properties in the Delta Region Mid-Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Stoneville X 9905	1126	1*	3003	1*	37.5	2*	4.0	15	1.18	4	83.6	11	30.3	7	8.1	12	10.7
PhytoGen PSC 355**	1039	2*	2916	2*	35.6	7	4.5	6	1.14	8	84.9	2*	31.1	6	9.1	1*	10.1
Sure-Grow 747**	1013	3	2842	3*	35.6	1*	4.9	1*	1.11	13	85.1	1*	28.2	13	8.6	2	9.3
Fibermax FM 966	979	4	2671	5	36.7	9	4.2	10	1.18	3	84.5	5*	34.3	1*	7.8	13	10.9
AgriPro 4600 RR	962	5	2682	4	35.9	14	4.5	7	1.07	14	83.4	13	27.9	14	8.4	6	9.6
Stoneville ST 474**	901	6	2372	8	38.0	3*	4.6	3*	1.11	12	84.0	10*	28.5	12	8.2	11	9.7
Stoneville 6M045	879	7	2600	6	33.8	4*	4.2	11	1.13	9	83.3	14	29.5	11	8.5	4	9.8
SS 9815	839	8	2390	7	35.1	6	4.7	2*	1.12	11	84.4	7*	29.7	9	8.4	7	9.5
Deltapine DP 675	725	9	2080	9	34.9	12	4.5	9	1.14	6	84.7	3*	31.7	4	8.6	3	9.5
Fibermax FM 989	725	10	2015	12	36.0	8	4.2	12	1.18	2	84.3	8*	32.5	2	8.2	10	9.5
Deltapine DP 458 B/RR	717	11	2037	11	35.2	13	4.6	5	1.13	10	83.5	12	30.0	8	8.2	8	9.1
Deltapine NuCotn 33 B	713	12	2080	10	34.3	11	4.5	8	1.14	7	84.2	9*	29.7	10	8.4	5	10.4
Fibermax FM 832	691	13	1979	13	34.9	10	4.0	14	1.24	1*	84.5	6*	32.1	3	7.7	14	11.0
SS Ligor	642	14	1824	14	35.2	5	4.6	4*	1.15	5	84.7	4*	31.5	5	8.2	9	10.3

GRAND MEAN

846

2383

35.4

4.4

1.15

84.3

30.6

8.3

9.9

LSD

101

282

1.8

0.3

0.03

1.1

1.6

0.3

1.2

CV

12.39

12.28

3.63

4.59

1.59

0.91

3.82

2.58

8.89

R-SQUARED

0.74

0.70

0.65

0.72

0.88

0.47

0.78

0.79

0.40

REPS

6

6

3

3

3

3

3

3

3

*Not significantly different from #1

**Early Maturity Checks

Table 18. Choctaw Yields and Fiber Properties in the Delta Region Mid-Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Stoneville X 9905	1787	1*	4426	1*	40.4	3*	4.67	6*	1.14	9	83.7	14	30.7	8	8.1	13	10.0
Sure-Grow 747**	1607	2*	3888	3	41.3	2*	4.80	2*	1.14	8	85.1	7	28.2	14	8.8	2*	10.2
Stoneville ST 474**	1586	3	3796	6	41.8	1*	4.93	1*	1.13	12	85.6	2	29.9	12	8.3	9	10.2
PhytoGen PSC 355**	1548	4	3935	2	39.3	7	4.63	7*	1.13	11	85.3	3	30.6	10	9.1	1*	10.1
Stoneville 6M045	1519	5	3880	4	39.2	8	4.50	11	1.15	6	84.0	13	30.6	9	8.7	4	8.9
Deltapine DP 458 B/RR	1503	6	3810	5	39.4	6	4.40	12	1.13	13	84.4	10	31.0	6	8.3	10	8.9
Fibermax FM 966	1489	7	3772	7	39.5	4	4.77	3*	1.14	10	85.1	8	35.4	1*	8.1	14	10.7
Fibermax FM 832	1385	8	3546	9	39.1	9	4.10	14	1.23	1*	86.7	1*	34.9	2*	8.4	6	10.7
Deltapine NuCotn 33 B	1375	9	3694	8	37.2	14	4.23	13	1.16	4	84.4	11	30.0	11	8.2	12	9.1
AgriPro 4600 RR	1348	10	3415	11	39.5	5	4.73	4*	1.09	14	84.2	12	29.2	13	8.4	8	9.9
Deltapine DP 675	1340	11	3462	10	38.7	11	4.63	8*	1.16	5	85.2	4	32.7	5	8.7	3	9.8
SS 9815	1288	12	3319	13	38.8	10	4.67	5*	1.15	7	85.2	6	30.9	7	8.5	5	9.3
Fibermax FM 989	1278	13	3337	12	38.3	13	4.60	10*	1.18	2	84.6	9	34.0	3*	8.3	11	11.1
SS Ligur	1256	14	3270	14	38.4	12	4.60	9*	1.17	3	85.2	5	33.7	4	8.4	7	9.7

GRAND MEAN	1432		3640		39.3		4.58		1.15		85.0		31.7		8.4		9.9
LSD	183		467		1.4		0.35		0.04		1.0		1.4		0.3		1.1
CV	13.29		13.33		2.62		5.43		2.27		0.86		3.27		2.79		8.14
R-SQUARED	0.66		0.63		0.72		0.75		0.72		0.69		0.87		0.67		0.56
REPS	6		6		3		3		3		3		3		3		3

*Not significantly different from #1

**Early Maturity Checks

Table 19. 3-Year Averages, All Maturity Groups, Hill Region of the 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

Name	Maturity	3 year avg.		2000	1999	1998
		(#/A)	Rank	(#/A)	(#/A)	(#/A)
Fibermax FM 966	M	1046	1	979	981	1179
Paymaster PM 1218 BG/RR	E	984	2	844	1048	1059
Deltapine DP 20 B	E	958	3	947	932	996
Deltapine DP 428 B	E	937	4	886	902	1022
PhytoGen PSC 355	E	934	5	953	957	893
Sure-Grow 747	E	925	6	903	927	945
Paymaster PM 1560 BG	E	925	7	881	897	996
Sure-Grow 105	E	924	8	892	905	976
Fibermax FM 989	M	908	9	826	882	1015
Stoneville ST 474	E	907	10	911	910	901
Fibermax FM 832	M	892	11	814	926	936
Stoneville BXN 47	E	884	12	844	938	870
AgriPro AP 7115	E	883	13	856	913	880
Deltapine NuCotn 33 B*	M	863	14	807	874	908
Fibermax FM 819	E	849	15	796	888	864
Deltapine DP 425 RR	E	810	16	810	822	797
Deltapine DP 436 RR	E	805	17	799	830	786
Avg		908		868	914	942

Table 20. 2-Year Averages, All Maturity Groups, Hill Region of the 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

Name	Maturity	2 year avg.		2000	1999
		Lint Yield (#/A)	Rank	Lint Yield (#/A)	Lint Yield (#/A)
Fibermax FM 966	M	980	1	979	981
MISCOT 8806-3-2-19	E	957	2	966	949
PhytoGen PSC 355	E	955	3	953	957
Paymaster PM 1218 BG/RR	E	946	4	844	1048
Deltapine DP 20 B	E	940	5	947	932
Stoneville ST 4793R	E	923	6	942	903
Fibermax FM 958	E	920	7	952	888
Sure-Grow 747	E	915	8	903	927
Stoneville ST 474	E	910	9	911	910
Stoneville ST 4691 B	E	908	10	896	920
Sure-Grow 501BR	E	907	11	898	917
MISCOT 8839-3-10-2	E	903	12	918	888
Deltapine DP 451 B/RR	E	901	13	873	929
Sure-Grow 105	E	899	14	892	905
Deltapine DP 428 B	E	894	15	886	902
Stoneville BXN 47	E	891	16	844	938
Paymaster PM 1560 BG	E	889	17	881	897
Sure-Grow 125 BR	E	887	18	906	868
AgriPro AP 7115	E	885	19	856	913
Stoneville ST 4892 BR	E	881	20	880	882
Fibermax FM 832	M	870	21	814	926
SS 9901	E	867	22	890	844
Paymaster PM 1560 BG/RR	M	864	23	823	904
Fibermax FM 989	M	854	24	826	882
Fibermax FM 819	E	842	25	796	888
Deltapine NuCotn 33 B*	M	840	26	807	874
Deltapine DP 420 RR	E	825	27	839	812
Deltapine DP 422 B/RR	E	824	28	799	849
Deltapine DP 425 RR	E	816	29	810	822
Deltapine DP 436 RR	E	815	30	799	830
AVG		890		878	903

Table 21: Lint Yields for the Hill Region Early Maturity Test Lint Yields, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

Name	Hills Means		MSU		Verona		Holly Springs		Nesbit		Raymond	
	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank
MISCOT 8806-3-2-19	966	1*	1264	2*	1450	3	513	22	1090	1*	526	30
PhytoGen PSC 355	953	2*	1137	13*	1583	2*	569	8	995	6*	562	23
Fibermax FM 958	952	3*	1026	29	1677	1*	651	1*	1035	2*	446	34
Deltapine DP 20 B	947	4*	1168	10*	1342	8	609	2*	984	9*	670	10*
Stoneville ST 4793R	942	5*	1273	1*	1214	22	553	11	991	7*	684	9*
MISCOT 8839-3-10-2	918	6*	1183	6*	1382	6	526	19	1020	3*	489	32
Stoneville ST 474	911	7*	1127	14*	1166	26	584	6	974	10	729	5*
Sure-Grow 125 BR	906	8*	1094	19	1422	5	555	10	938	15	588	19
Sure-Grow 747	903	9	1094	18	1296	12	548	12	938	14	706	7*
SS Gavilan	899	10	1231	4*	1131	31	510	23	1011	5*	582	20
Sure-Grow 501BR	898	11	1158	11*	1442	4	474	31	932	18	547	25
Stoneville ST 4691 B	896	12	1093	20	1146	28	568	9	937	16	780	2*
Sure-Grow 105	892	13	1217	5*	1282	14	506	25	873	26	624	15
SS 9901	890	14	1155	12*	1081	34	463	32	972	11	818	1*
Deltapine DP 428 B	886	15	1121	15*	1256	18	530	18	927	19	636	13
SS 9907	885	16	1236	3*	1184	25	545	13	897	21	550	24
Paymaster PM 1560 BG	881	17	1049	25	1141	29	539	16	957	13	764	3*
Stoneville ST 4892 BR	880	18	1170	9*	1288	13	588	4	877	24	478	33
Deltapine DP 451 B/RR	873	19	1182	7*	1162	27	509	24	827	28	737	4*
Sure-Grow 821	872	20	1038	27	1364	7	532	17	967	12	499	31
AgriPro AP 7115	856	21	1092	21	1270	15	595	3	812	30	547	26
Paymaster PM 1218 BG/RR	844	22	920	33	1205	24	499	26	1018	4*	625	14
Stoneville BXN 47	844	23	1179	8*	1261	16	525	20	706	34	608	17
SS Condor	840	24	912	34	1240	19	518	21	922	20	690	8*
Deltapine DP 420 RR	839	25	987	32	1315	9	481	27	934	17	537	28
Stoneville X 0001	834	26	1114	16*	991	35	545	14	887	22	613	16
Deltapine DP 5415 RR**	827	27	1080	22	1222	20	479	28	823	29	579	21
Sure-Grow 521 RR	820	28	1055	24	1298	10	579	7	772	32	426	35
AgriPro AP 9257	819	29	1101	17*	1139	30	479	29	807	31	604	18
BR 9802	814	30	993	31	1209	23	541	15	832	27	532	29
Deltapine DP 425 RR	810	31	1067	23	1257	17	478	30	698	35	645	11
AgriPro 1500 RR	800	32	1029	28	1297	11	453	35	758	33	543	27
Deltapine DP 422 B/RR	799	33	1019	30	1093	33	456	33	879	23	569	22
Deltapine DP 436 RR	799	34	1043	26	1219	21	454	34	680	36	708	6*
Fibermax FM 819	796	35	819	35	1117	32	585	5	875	25	637	12

GRAND MEAN

871

1100

1264

532

906

609

LSD

60

173

161

47

109

161

CV

15.12

16.53

10.84

9.26

12.65

22.51

R-SQUARED

0.86

0.31

0.60

0.62

0.51

0.40

REPS

26

6

4

6

6

4

*Not significantly different from #1

** Mid maturity variety

Table 22. Hill Region Average Yields and Fiber Properties for Early Maturity Varieties in the 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
MISCOT 8806-3-2-19	966	1*	2507	1*	38.6	27	4.53	20	1.08	9	83.2	22	29.2	11	8.3	19	9.4
PhytoGen PSC 355	953	2*	2361	6*	40.1	10	4.67	12	1.07	11	83.3	17*	30.3	4	9.0	1*	9.5
Stoneville X 9903	942	3*	2290	10	40.8	4	4.59	16	1.06	25	83.3	18*	28.9	14	8.2	24	9.4
MISCOT 8839-3-10-2	918	4*	2366	5*	38.6	26	4.53	23	1.07	12	82.8	32	26.7	34	8.2	22	9.7
Stoneville ST 474	911	5*	2212	15	40.9	2	4.70	8*	1.06	26	83.0	28	28.7	18	8.3	21	9.1
Sure-Grow 125 BR	906	6*	2297	9	39.1	21	4.55	19	1.04	33	83.4	14*	26.9	31	8.4	15	9.6
Sure-Grow 747	903	7	2198	17	40.9	3	4.73	7*	1.07	17	83.6	5*	27.4	26	8.7	7	9.2
SS Gavilan	899	8	2138	26	41.7	1*	4.77	2*	1.07	13	83.3	16*	29.8	6	8.7	5	9.3
Sure-Grow 501BR	898	9	2305	8	38.7	25	4.70	9*	1.06	22	83.8	1*	29.5	8	8.8	3*	9.5
Stoneville ST 4691 B	896	10	2220	14	40.2	9	4.49	26	1.07	10	83.1	23	27.3	28	8.1	30	9.1
Sure-Grow 105	892	11	2275	11	39.1	22	4.77	3*	1.09	3	83.8	2*	29.4	10	8.6	8	9.6
Deltapine DP 20 B	892	12	2409	2*	39.2	19	4.43	31	1.06	18	83.4	13*	27.2	30	8.4	18	9.2
SS 9901	890	13	2273	12	39.0	23	4.75	5*	1.06	27	82.6	35	29.2	12	8.5	12	8.9
Paymaster PM 1560 BG	886	14	2223	13	39.8	15	4.64	14	1.06	21	83.5	7*	29.6	7	8.6	10	9.5
SS 9907	885	15	2193	18	39.9	13	4.90	1*	1.05	28	83.7	3*	30.7	2*	8.7	6	9.0
Stoneville ST 4892 BR	880	16	2162	23	40.3	7	4.51	24	1.07	15	83.4	12*	28.8	16	8.3	20	9.4
Sure-Grow 821	872	17	2211	16	39.2	20	4.53	21	1.07	16	83.7	4*	29.5	9	9.0	2*	8.9
Fibermax FM 958	868	18	2342	7	40.3	6	4.41	32	1.11	2*	83.1	25	28.8	15	7.7	35	9.6
Deltapine DP 451 B/RR	862	19	2367	4*	37.1	33	4.67	11	1.07	14	82.7	33	27.4	25	8.2	23	9.2
Stoneville BXN 47	844	20	2089	29	40.0	11	4.47	28	1.08	7	83.6	6*	27.9	22	8.2	26	8.5
SS Condor	840	21	2080	31	40.3	8	4.75	4*	1.05	32	82.9	29	28.2	21	8.1	32	9.2
Paymaster PM 1218 BG/RR	838	22	2108	28	39.9	12	4.45	29	1.05	30	83.2	20	28.8	17	8.5	13	9.9
AgriPro AP 9257	838	23	2053	34	39.6	18	4.50	25	1.05	31	83.0	27	28.3	20	8.1	31	9.0
Stoneville X 0001	834	24	2082	30	39.8	14	4.49	27	1.09	4	83.2	21	27.3	27	8.0	33	9.2
Deltapine DP 428 B	824	25	2379	3*	37.2	32	4.58	18	1.08	5	83.4	11*	25.9	35	8.1	29	8.7
AgriPro AP 7115	823	26	2143	25	39.8	16	4.43	30	1.06	19	82.8	31	27.5	24	8.2	25	9.3
Sure-Grow 521 RR	820	27	2063	33	39.8	17	4.59	17	1.03	35	83.5	10*	28.4	19	8.8	4*	9.2
BR 9802	790	28	2159	24	37.6	30	4.73	6*	1.03	34	83.4	15*	31.2	1*	8.6	9	9.3
Deltapine DP 5415 RR**	788	29	2165	21	38.0	29	4.61	15	1.08	6	83.1	24	30.0	5	8.4	16	9.1
Deltapine DP 422 B/RR	781	30	2126	27	37.6	31	4.32	33	1.06	23	83.3	19*	26.8	33	8.4	14	9.6
AgriPro 1500 RR	776	31	2079	32	38.5	28	4.03	35	1.06	20	82.7	34	29.1	13	8.2	28	8.7
Deltapine DP 436 RR	769	32	2181	19	36.7	35	4.69	10	1.08	8	83.5	9*	27.2	29	8.5	11	9.9
Fibermax FM 819	765	33	1961	35	40.4	5	4.22	34	1.12	1*	83.5	8*	30.3	3	8.0	34	9.4
Deltapine DP 420 RR	762	34	2162	22	38.8	24	4.53	22	1.05	29	83.0	26	27.5	23	8.4	17	9.1
Deltapine DP 425 RR	754	35	2172	20	37.1	34	4.66	13	1.06	24	82.9	30	26.8	32	8.2	27	9.2

GRAND MEAN	861		2218		39.2		4.56		1.07		83.2		28.6		8.4		9.3
LSD	60		156		0.7		0.18		0.02		0.5		0.8		0.2		0.7
CV	15.22		15.26		2.79		6.30		2.40		0.97		4.71		3.91		11.68
R-SQUARED	0.85		0.85		0.79		0.82		0.66		0.53		0.72		0.79		0.37
REPS	25		25		15		15		15		15		15		15		15

*Not significantly different from #1

** Mid maturity variety

Table 23. MSU Early Maturity Varieties Yields and Fiber Properties in the Hill Region of the 2000 Mississippi Cotton Variety Trials . (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	LB/A	Rank	LB/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Stoneville ST 4793R	1273	1*	2993	6*	42.5	3*	4.8	28	1.05	28	83.6	21	30.5	11	8.6	22	8.8
MISCOT 8806-3-2-19	1264	2*	3298	1*	38.3	34	4.7	32	1.08	9*	83.9	14*	31.5	5*	8.7	16	9.6
SS 9907	1236	3*	2999	5*	41.2	12	5.3	4*	1.06	27	84.5	5*	32.9	2*	9.2	5*	8.8
SS Gavilan	1231	4*	2882	9*	42.7	2*	4.9	22	1.10	3*	84.3	8*	30.9	6	9.1	6*	9.1
Sure-Grow 105	1217	5*	3034	3*	40.1	21	5.1	9*	1.10	5*	84.4	7*	30.2	13	8.9	11	9.7
MISCOT 8839-3-10-2	1183	6*	3005	4*	39.4	26	4.8	29	1.06	23	82.7	35	26.0	36	8.3	32	8.9
Deltapine DP 451 B/RR	1182	7*	3110	2*	38.0	35	5.3	2*	1.08	8*	83.4	27	27.7	30	8.4	30	9.4
Stoneville BXN 47	1179	8*	2830	12	41.7	7*	4.9	17	1.06	26	83.8	16	28.9	19	8.4	27	9.0
Stoneville ST 4892 BR	1170	9*	2820	13	41.5	8*	4.9	18	1.07	18	84.5	4*	30.9	7	9.0	8*	9.2
Deltapine DP 20 B	1168	10*	2856	10	40.9	16	4.9	20	1.08	12*	84.0	12*	27.8	27	8.7	19	8.9
Sure-Grow 501BR	1158	11*	2916	7*	39.7	25	5.0	15*	1.08	11*	84.8	1*	30.3	12	9.3	2*	9.3
SS 9901	1155	12*	2848	11	40.5	20	5.3	3*	1.05	30	82.2	36	29.0	18	8.7	14	8.3
PhytoGen PSC 355	1137	13*	2778	15	40.9	15	4.8	24	1.06	22	83.6	23	31.5	4*	9.2	3*	8.8
Stoneville ST 474	1127	14*	2630	25	42.9	1*	4.9	19	1.07	21	83.7	19	29.5	15	8.5	24	8.6
Deltapine DP 428 B	1121	15*	2911	8*	38.5	32	5.1	11*	1.10	4*	83.8	17	26.0	35	8.2	35	9.3
MISCOT 8806-3-2-21	1116	16*	2786	14	40.1	22	4.7	31	1.07	17	83.4	26	29.3	16	8.9	10	9.3
Stoneville X 0001	1114	17*	2654	22	42.0	6*	5.0	14*	1.08	7*	83.6	24	27.9	24	8.4	28	9.1
AgriPro AP 9257	1101	18*	2677	20	41.1	13	4.9	21	1.05	29	83.8	18	28.3	21	8.5	26	8.7
Sure-Grow 747	1094	19	2580	29	42.4	4*	5.2	8*	1.06	24	84.7	3*	26.2	34	8.8	13	8.3
Sure-Grow 125 BR	1094	20	2691	19	40.6	19	5.0	16*	1.04	32	84.1	11*	27.4	32	8.7	17	9.2
Stoneville ST 4691 B	1093	21	2590	28	42.2	5*	5.0	13*	1.07	20	82.9	32	27.7	31	8.4	31	9.5
AgriPro AP 7115	1092	22	2656	21	41.1	14	4.8	27	1.07	16	83.3	30	28.9	20	8.5	25	9.1
Deltapine DP 5415 RR**	1080	23	2776	17	38.9	29	5.1	12*	1.07	14	83.1	31	30.7	8	8.6	20	8.7
Deltapine DP 425 RR	1067	24	2777	16	38.4	33	5.2	6*	1.04	33	82.7	34	27.8	29	8.6	21	9.0
Sure-Grow 521 RR	1055	25	2644	24	39.9	23	4.6	33	1.03	34	83.9	13*	27.9	26	8.9	9	9.0
Paymaster PM 1560 BG	1049	26	2578	30	40.7	18	5.2	5*	1.08	10*	84.3	9*	30.6	9	8.8	12	9.7
Deltapine DP 436 RR	1043	27	2766	18	37.7	36	5.1	10*	1.09	6*	84.8	2*	28.1	23	9.2	4*	10.1
Sure-Grow 821	1038	28	2613	27	39.7	24	4.8	26	1.07	15	84.4	6*	30.6	10	9.4	1*	9.4
AgriPro 1500 RR	1029	29	2627	26	39.2	27	4.3	36	1.07	13	83.3	28	29.1	17	8.4	29	8.1
Fibermax FM 958	1026	30	2520	33	40.7	17	4.6	34	1.10	2*	83.5	25	29.7	14	7.6	36	10.1
Deltapine DP 422 B/RR	1019	31	2645	23	38.5	31	4.9	23	1.04	31	83.6	22	26.7	33	8.7	18	9.5
BR 9802	993	32	2538	32	39.1	28	5.3	1*	1.01	36	83.6	20	33.3	1*	9.1	7*	9.2
Deltapine DP 420 RR	987	33	2555	31	38.6	30	4.8	30	1.07	19	84.2	10*	27.9	25	8.7	15	9.2
Paymaster PM 1218 BG/RR	920	34	2232	34	41.2	11	4.5	35	1.06	25	83.9	15*	27.8	28	8.5	23	9.5
SS Condor	912	35	2210	35	41.3	10	5.2	7*	1.02	35	82.8	33	28.2	22	8.3	34	9.0
Fibermax FM 819	819	36	1983	36	41.3	9	4.8	25	1.11	1*	83.3	29	31.8	3*	8.3	33	9.1
GRAND MEAN	1100		2729		40.4		4.9		1.07		83.7		29.2		8.7		9.1
LSD	173		429		1.4		0.3		0.03		0.9		1.8		0.4		0.5
CV	16.53		16.49		2.49		4.51		2.25		0.81		4.55		3.14		4.22
R-SQUARED	0.31		0.33		0.81		0.65		0.61		0.57		0.75		0.73		0.68
REPS	6		6		3		3		3		3		3		3		3

*Not significantly different from #1

** Mid maturity variety

Table 24. Verona Early Maturity Varieties Yields and Fiber Properties in the Hill Region 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Fibermax FM 958	1677	1*	4085	1*	41.1	6	4.2	20	1.16	1*	83.7	9*	29.4	9	7.4	36	9.8
PhytoGen PSC 355	1583	2*	3852	2*	41.1	5	4.4	10	1.09	9	83.8	8*	29.5	8	9.2	2*	9.7
MISCOT 8806-3-2-21	1457	3	3652	4	39.9	17	4.2	21	1.08	19	83.1	25	28.4	16	8.2	16	8.9
MISCOT 8806-3-2-19	1450	4	3697	3*	39.2	24	4.1	26	1.09	8	83.5	18*	29.7	6	8.3	10	9.0
Sure-Grow 501BR	1442	5	3644	5	39.6	23	4.6	3*	1.05	31	83.7	10*	30.0	5	8.4	4	9.4
Sure-Grow 125 BR	1422	6	3552	6	40.0	15	4.2	19	1.03	36	83.0	28	26.0	33	8.2	15	9.3
MISCOT 8839-3-10-2	1382	7	3490	8	38.9	26	4.2	24	1.10	4	83.0	29	25.2	35	7.8	29	10.9
Sure-Grow 821	1364	8	3421	10	39.9	18	4.3	14	1.07	26	84.3	3*	30.0	4	9.3	1*	9.1
Deltapine DP 20 B	1342	9	3507	7	38.3	29	4.0	30	1.09	15	83.4	20	26.1	32	8.2	17	8.1
Deltapine DP 420 RR	1315	10	3314	14	39.7	22	4.1	25	1.06	28	83.5	19*	26.6	27	8.2	19	8.5
Sure-Grow 521 RR	1298	11	3250	16	40.0	16	4.6	5*	1.03	35	83.7	12*	27.1	20	8.3	13	8.8
AgriPro 1500 RR	1297	12	3327	12	39.0	25	3.6	36	1.08	21	82.6	34	29.0	13	8.1	22	8.0
Sure-Grow 747	1296	13	3118	21	41.6	2	4.5	9*	1.08	22	84.2	4*	26.7	26	8.2	14	9.4
Stoneville ST 4892 BR	1288	14	3116	22	41.3	3	4.2	23	1.09	7	83.6	15*	27.6	18	8.1	23	9.4
Sure-Grow 105	1282	15	3300	15	38.9	27	4.3	17	1.10	6	84.5	1*	28.7	15	8.4	8	8.8
AgriPro AP 7115	1270	16	3189	18	39.8	19	4.2	22	1.07	24	83.2	23	26.5	29	7.9	27	8.8
Stoneville BXN 47	1261	17	3112	23	40.5	11	4.2	18	1.09	11	84.4	2*	27.0	21	8.0	26	8.3
Deltapine DP 425 RR	1257	18	3324	13	37.8	31	4.6	4*	1.08	18	83.1	27	25.8	34	8.2	20	8.7
Deltapine DP 428 B	1256	19	3431	9	36.6	35	4.6	6*	1.10	5	83.0	30	25.2	36	7.8	31	8.8
SS Condor	1240	20	3063	24	40.5	13	4.8	1*	1.03	34	82.8	33	26.5	28	7.6	34	8.8
Deltapine DP 5415 RR	1222	21	3159	20	38.7	28	4.3	16	1.09	14	83.2	22	29.4	10	8.3	11	8.6
Deltapine DP 436 RR	1219	22	3369	11	36.2	36	4.5	7*	1.11	3	84.1	5*	26.7	25	8.4	7	9.6
Stoneville X 9903	1214	23	2980	25	40.7	9	4.1	29	1.09	16	83.5	17*	27.9	17	7.8	28	9.5
BR 9802	1209	24	3225	17	37.5	33	4.5	8*	1.06	29	83.5	16*	31.4	1*	8.3	9	9.0
Paymaster PM 1218 BG/RR	1205	25	2936	26	41.0	7	4.0	31	1.06	27	83.6	13*	28.9	14	8.3	12	9.6
SS 9907	1184	26	2875	29	41.2	4	4.8	2*	1.04	33	84.0	6*	30.8	2*	8.4	5	8.6
Stoneville ST 474	1166	27	2878	28	40.5	12	4.3	13	1.06	30	82.9	31	27.0	22	8.0	24	8.6
Deltapine DP 451 B/RR	1162	28	3163	19	36.7	34	4.3	15	1.08	20	83.7	11*	26.8	24	8.0	25	8.7
Stoneville ST 4691 B	1146	29	2812	33	40.7	8	3.9	32	1.09	10	82.9	32	26.9	23	7.7	32	9.2
Paymaster PM 1560 BG	1141	30	2870	30	39.8	21	4.1	27	1.09	17	83.2	24	30.0	3	8.4	6	8.7
AgriPro AP 9257	1139	31	2830	32	40.2	14	4.4	12	1.05	32	82.3	36	27.3	19	7.8	30	8.3
SS Gavilan	1131	32	2588	35	43.7	1*	4.4	11	1.07	25	83.9	7*	29.2	12	8.4	3	9.1
Fibermax FM 819	1117	33	2752	34	40.6	10	3.8	34	1.15	2*	83.6	14*	29.2	11	7.7	33	9.5
Deltapine DP 422 B/RR	1093	34	2914	27	37.5	32	3.6	35	1.09	12	83.1	26	26.4	30	8.2	18	9.0
SS 9901	1081	35	2838	31	38.1	30	4.1	28	1.07	23	82.5	35	29.6	7	8.2	21	8.5
Stoneville X 0001	991	36	2491	36	39.8	20	3.9	33	1.09	13	83.4	21	26.3	31	7.4	35	8.5

GRAND MEAN 1264 3195 39.6 4.3 1.08 83.4 28.0 8.1 9.0
LSD 161 399 1.2 0.3 0.02 0.9 1.3 0.3 1.0

CV 10.84 10.66 2.15 5.27 1.63 0.83 3.33 2.84 7.86
R-SQUARED 0.60 0.61 0.84 0.72 0.80 0.51 0.84 0.81 0.46
REPS 4 4 3 3 3 3 3 3 3

*Not significantly different from #1

** Mid maturity variety

Table 25. Holly Springs Early Maturity Varieties Yields and Fiber Properties in the Hill Region 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Fibermax FM 958	651	1*	1594	1*	40.8	9	4.9	29	1.11	2*	82.7	26	28.3	18	7.4	35	10.6
Deltapine DP 20 B	609	2*	1532	2*	39.7	16	4.9	26	1.03	28	82.4	30	27.2	25	8.8	16	9.7
AgriPro AP 7115	595	3	1515	3*	39.3	20	4.7	32	1.05	14	83.1	18*	27.6	22	8.5	23	10.0
Stoneville ST 4892 BR	588	4	1426	7	41.2	6	5.1	17	1.05	19	83.3	10*	28.2	19	8.6	19	9.3
Fibermax FM 819	585	5	1439	6	40.6	10	4.5	34	1.13	1*	84.2	1*	32.0	1*	8.4	27	9.8
Stoneville ST 474	584	6	1398	10	41.8	3*	5.5	4*	1.04	22	82.2	32	28.1	20	8.4	25	9.5
Sure-Grow 521 RR	579	7	1466	4	39.5	18	4.9	30	1.02	31	83.7	8*	29.2	12	9.3	5*	9.3
PhytoGen PSC 355	569	8	1414	9	40.2	13	5.2	10	1.06	10	84.2	2*	30.5	5	9.7	1*	9.7
Stoneville ST 4691 B	568	9	1382	12	41.1	7	5.0	25	1.06	11	83.8	6*	26.7	28	8.3	30	10.0
Sure-Grow 125 BR	555	10	1379	15	40.3	12	5.1	18	1.03	29	82.7	24	25.7	33	8.6	18	9.8
Stoneville ST 4793R	553	11	1328	19	41.6	4*	5.5	3*	1.02	32	82.8	21	29.0	13	8.7	17	10.3
Sure-Grow 747	548	12	1337	18	41.0	8	5.2	13	1.06	13	82.8	22	26.7	30	9.1	9	9.5
SS 9907	545	14	1350	17	40.4	11	5.8	1*	1.04	25	82.9	19	31.9	2*	9.2	6	9.2
Stoneville X 0001	545	13	1381	13	39.5	19	5.0	20	1.10	3*	84.1	4*	27.1	26	8.4	26	9.3
BR 9802	541	15	1439	5	37.6	29	5.2	14	1.00	35	83.1	13*	31.2	3*	8.9	11	9.5
Paymaster PM 1560 BG	539	16	1295	24	41.6	5*	5.5	5*	1.01	34	83.1	15*	29.5	10	9.1	8	9.8
Sure-Grow 821	532	17	1388	11	38.3	24	5.0	22	1.08	7	84.1	5*	28.5	16	9.4	2*	9.9
Deltapine DP 428 B	530	18	1423	8	37.3	31	4.9	27	1.06	8	83.4	9*	24.5	35	8.1	34	9.8
MISCOT 8839-3-10-2	526	19	1380	14	38.1	26	5.1	16	1.09	5*	83.1	17*	26.7	29	8.4	28	10.2
Stoneville BXN 47	525	20	1307	21	40.2	14	5.0	21	1.09	4*	83.2	11*	27.3	24	8.2	32	6.3
SS Condor	518	21	1292	25	40.1	15	5.0	24	1.05	15	82.7	25	27.6	21	8.2	33	9.6
MISCOT 8806-3-2-19	513	22	1297	23	39.5	17	5.2	11	1.03	27	82.9	20	29.8	9	8.5	22	9.4
SS Gavilan	510	23	1199	34	42.6	1*	5.6	2*	1.05	18	82.8	23	30.1	6	9.3	3*	9.1
Deltapine DP 451 B/RR	509	24	1376	16	37.0	32	5.3	9	1.05	20	81.8	35	25.7	32	8.3	31	9.6
Sure-Grow 105	506	25	1290	26	39.3	21	5.4	6*	1.09	6*	84.1	3*	29.9	8	9.1	7	9.2
Paymaster PM 1218 BG/RR	499	26	1190	35	42.0	2*	5.4	7*	1.01	33	82.7	27	28.4	17	8.9	12	10.3
Deltapine DP 420 RR	481	27	1243	30	38.7	22	5.0	23	1.03	30	82.0	33	26.9	27	8.8	15	9.4
Deltapine DP 5415 RR	479	28	1307	20	36.7	34	5.0	19	1.05	16	82.6	29	30.9	4*	8.8	13	9.6
AgriPro AP 9257	479	29	1257	28	38.1	27	4.7	31	1.04	21	83.1	14*	28.6	15	8.4	24	9.2
Deltapine DP 425 RR	478	30	1301	22	36.7	33	4.9	28	1.04	24	83.2	12*	27.5	23	8.6	20	9.4
Sure-Grow 501BR	474	31	1244	29	38.1	25	5.2	12	1.05	17	83.7	7*	29.3	11	9.3	4*	9.9
SS 9901	463	32	1206	32	38.4	23	5.3	8	1.04	23	82.2	31	30.1	7	9.1	10	9.1
Deltapine DP 422 B/RR	456	33	1222	31	37.3	30	4.6	33	1.06	9	83.1	16*	25.6	34	8.8	14	9.9
Deltapine DP 436 RR	454	34	1261	27	36.0	35	5.1	15	1.06	12	82.6	28	26.4	31	8.6	21	9.9
AgriPro 1500 RR	453	35	1200	33	37.8	28	4.3	35	1.03	26	81.9	34	28.9	14	8.3	29	8.6

GRAND MEAN

532

1352

39.3

5.1

1.05

83.1

28.5

8.7

9.5

LSD

47

119

1.1

0.4

0.03

1.3

1.3

0.3

1.5

CV

9.26

9.23

2.02

5.81

2.31

1.12

3.27

2.69

11.60

R-SQUARED

0.62

0.56

0.88

0.63

0.73

0.52

0.87

0.85

0.38

REPS

6

6

3

3

3

3

3

3

3

*Not significantly different from #1

** Mid maturity variety

Table 26. Nesbit Early Maturity Varieties Yields and Fiber Properties in the Hill Region 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	#/A	Rank	#/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
MISCOT 8806-3-2-19	1090	1*	2877	1*	37.9	26	4.7	16*	1.07	11	83.0	19	28.7	17	8.7	11	9.9
Fibermax FM 958	1035	2*	2540	7	40.8	5*	4.4	30	1.11	2*	82.6	30	29.0	15	7.6	35	10.5
MISCOT 8839-3-10-2	1020	3*	2709	2*	37.6	27	4.6	18*	1.06	14	82.9	22	26.4	33	8.2	30	9.6
Paymaster PM 1218 BG/RR	1018	4*	2608	3*	39.0	17	4.4	27	1.05	24	82.4	31	28.4	19	8.4	19	10.7
SS Gavilan	1011	5*	2442	10	41.4	1*	5.0	1*	1.05	18	83.2	13	30.1	6	9.0	8*	9.7
PhytoGen PSC 355	995	6*	2498	9	39.8	10	4.8	8*	1.06	16	83.1	16	29.8	7	9.3	2*	9.4
Stoneville ST 4793R	991	7*	2428	15	40.8	4*	4.7	17*	1.03	29	83.0	20	27.9	21	8.3	22	9.5
Deltapine DP 20 B	984	8*	2567	4	38.3	23	4.4	28	1.07	10	83.3	9	26.5	32	8.6	15	9.5
Stoneville ST 474	974	9	2384	19	40.8	2*	4.8	11*	1.03	31	82.7	28	29.5	9	8.4	18	9.4
SS 9901	972	10	2517	8	38.6	20	4.6	21*	1.03	33	82.1	33	27.7	24	8.3	24	8.6
Sure-Grow 821	967	11	2431	14	39.8	11	4.7	15*	1.03	32	83.0	18	28.9	16	9.0	5*	9.4
Paymaster PM 1560 BG	957	12	2544	6	37.6	28	4.4	29	1.10	3*	83.8	4	29.3	11	8.6	13	10.0
Sure-Grow 747	938	13	2320	20	40.4	6*	4.9	3*	1.05	25	83.1	17	27.8	22	9.1	3*	9.7
Sure-Grow 125 BR	938	14	2435	12	38.5	21	4.6	20*	1.01	35	82.6	29	26.2	34	8.5	17	9.6
Stoneville ST 4691 B	937	15	2421	17	38.7	18	4.5	22*	1.07	12	83.1	15	27.4	25	8.3	25	9.9
Deltapine DP 420 RR	934	16	2437	11	38.3	24	4.7	14*	1.05	20	83.3	10	28.2	20	8.6	14	9.1
Sure-Grow 501BR	932	17	2423	16	38.5	22	4.8	12*	1.05	19	83.9	3*	30.9	3	9.4	1*	9.5
Deltapine DP 428 B	927	18	2561	5	36.2	32	4.5	25*	1.07	9	83.2	12	25.8	35	8.2	31	9.1
SS Condor	922	19	2309	21	39.9	8	4.7	13*	1.04	28	82.8	24	29.2	12	8.3	23	9.5
SS 9907	897	20	2239	25	40.1	7	4.9	6*	1.05	23	85.0	1*	31.0	2	9.0	6*	9.4
Stoneville X 0001	887	21	2269	23	39.1	16	4.4	26	1.08	7	81.9	35	26.7	31	7.8	34	9.7
Deltapine DP 422 B/RR	879	22	2395	18	36.7	30	4.4	31	1.06	15	82.8	25	27.1	27	8.7	12	9.7
Stoneville ST 4892 BR	877	23	2198	26	39.9	9	4.8	9*	1.05	22	83.4	8	29.2	14	8.4	20	9.5
Fibermax FM 819	875	24	2143	28	40.8	3*	4.2	34	1.13	1*	84.2	2*	30.8	5	8.2	32	8.9
Sure-Grow 105	873	25	2260	24	38.7	19	5.0	2*	1.07	8	83.6	6	29.4	10	8.9	9	10.2
BR 9802	832	26	2287	22	36.4	31	4.9	4*	1.04	27	83.7	5	33.1	1*	9.0	7*	9.5
Deltapine DP 451 B/RR	827	27	2431	13	34.0	35	4.4	32	1.08	5	82.2	32	27.7	23	8.2	28	9.3
Deltapine DP 5415 RR	823	28	2170	27	37.9	25	4.8	10*	1.10	4*	83.2	11	29.5	8	8.3	21	8.7
AgriPro AP 7115	812	29	2060	29	39.4	15	4.5	23*	1.05	21	82.1	34	26.8	29	8.2	29	9.3
AgriPro AP 9257	807	30	2046	31	39.5	14	4.5	24*	1.03	30	82.8	27	28.4	18	8.3	27	9.1
Sure-Grow 521 RR	772	31	1949	34	39.6	13	4.9	7*	1.01	34	82.8	26	29.2	13	9.1	4*	9.5
AgriPro 1500 RR	758	32	2049	30	37.0	29	4.0	35	1.08	6	83.5	7	30.8	4	8.5	16	9.4
Stoneville BXN 47	706	33	1775	35	39.8	12	4.3	33	1.05	17	83.0	21	26.8	30	8.1	33	9.0
Deltapine DP 425 RR	698	34	1956	33	35.7	33	4.9	5*	1.05	26	82.8	23	27.2	26	8.3	26	9.8
Deltapine DP 436 RR	680	35	1970	32	34.5	34	4.6	19*	1.07	13	83.1	14	27.0	28	8.8	10	10.3

GRAND MEAN

906

2347

38.6

4.6

1.06

83.0

28.6

8.5

9.6

LSD

109

294

1.1

0.4

0.04

1.1

1.4

0.4

0.7

CV

12.65

13.13

2.04

6.96

2.48

0.98

3.63

3.19

5.09

R-SQUARED

0.51

0.46

0.88

0.44

0.65

0.48

0.82

0.76

0.60

REPS

6

6

3

3

3

3

3

3

3

*Not significantly different from #1

** Mid maturity variety

Table 27. Raymond Early Maturity Varieties Yields and Fiber Properties in the Hill Region 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	#/A	Rank	#/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
SS 9901	818	1*	2080	1*	39.3	5	4.5	1*	1.10	2	83.8	3*	29.4	8*	8.4	2*	9.9
Stoneville ST 4691 B	780	2*	2032	2*	38.4	20	4.0	19	1.08	18	83.0	16	27.7	28*	7.9	16*	6.9
Paymaster PM 1560 BG	764	3*	1952	3*	39.1	9	4.0	12*	1.05	35	83.2	14*	28.5	19*	7.9	19*	9.5
Stoneville ST 474	729	5*	1885	4*	38.6	15	4.0	14*	1.10	11	83.4	10*	29.5	5*	8.0	12*	9.4
Deltapine DP 451 B/RR	737	4*	1845	5*	39.9	1	4.1	2*	1.06	27	82.4	29	29.1	12*	8.2	7*	8.9
Sure-Grow 747	706	7*	1815	6*	38.9	12	3.9	26	1.10	3	83.4	9*	29.6	4*	8.0	10*	9.2
Deltapine DP 436 RR	708	6*	1814	7*	39.1	10	4.0	9*	1.05	34	82.8	21	27.9	25*	7.8	22*	9.7
Stoneville ST 4793R	684	9*	1784	8*	38.3	21	4.0	15	1.11	1	83.5	6*	29.3	10*	7.7	26*	9.0
Deltapine DP 425 RR	645	11	1746	9*	37.0	32	3.7	34	1.10	7	82.6	24	25.7	35	7.1	35	9.3
SS Condor	690	8*	1741	10*	39.6	3	4.0	10*	1.10	10	83.3	11*	29.4	6*	7.9	17*	9.2
Deltapine DP 20 B	670	10*	1720	11*	38.9	11	3.9	24	1.06	31	83.6	5*	28.4	20*	7.6	28	10.0
Paymaster PM 1218 BG/RR	625	14	1720	12*	36.4	34	4.0	11*	1.08	17	83.5	8*	30.4	1*	8.3	4*	9.3
Deltapine DP 428 B	636	13	1692	13*	37.6	29	3.8	31	1.09	14	83.6	4*	28.2	21*	8.3	3*	6.5
Fibermax FM 819	637	12	1647	14	38.7	14	3.8	28	1.08	20	82.2	30	27.8	27*	7.3	34	9.7
Sure-Grow 125 BR	588	19	1622	15	36.2	35	3.9	27	1.10	9	84.3	1*	29.4	7*	8.1	8*	10.0
Sure-Grow 105	624	15	1616	16	38.6	17	4.1	4*	1.09	15	82.6	25	28.9	13*	8.0	13*	10.0
Stoneville BXN 47	608	17	1599	17	38.0	24	3.9	25	1.10	6	83.5	7*	29.7	3*	8.0	9*	9.9
Stoneville X 0001	613	16	1586	18	38.6	16	4.1	8*	1.08	21	83.0	18	28.6	16*	7.9	18*	9.5
AgriPro AP 9257	604	18	1544	19	39.1	7	4.1	5*	1.08	22	83.0	17	28.8	15*	7.6	29	10.0
Deltapine DP 5415 RR	579	21	1537	20	37.7	26	3.9	22	1.10	5	83.3	12*	29.3	9*	8.0	11*	9.8
SS Gavilan	582	20	1527	21	38.1	23	4.0	13*	1.10	8	82.5	28	28.5	18*	7.7	25*	9.5
Deltapine DP 422 B/RR	569	22	1509	22	37.7	27	4.1	3*	1.06	30	83.8	2*	28.0	23*	7.9	15*	9.7
SS 9907	550	24	1501	23	36.6	33	3.8	32	1.08	19	82.2	31	27.0	31	7.6	27	8.9
Sure-Grow 501BR	547	25	1464	24	37.4	31	3.9	23	1.08	23	83.0	15	27.0	32	7.6	30	9.6
PhytoGen PSC 355	562	23	1461	25	38.5	18	4.1	6*	1.10	4	82.0	34	30.1	2*	7.8	21*	9.7
BR 9802	532	29	1411	26	37.7	28	3.8	33	1.06	28	82.8	20	26.9	33	8.0	14*	9.3
AgriPro AP 7115	547	26	1398	27	39.1	8	4.0	16	1.08	25	82.5	26	27.7	29*	7.8	23*	9.3
Deltapine DP 420 RR	537	28	1389	28	38.7	13	4.1	7*	1.05	32	82.1	33	27.9	24*	7.8	24*	9.1
MISCOT 8806-3-2-19	526	30	1388	29	37.9	25	4.0	20	1.10	12	82.6	22	26.4	34	7.5	31	9.2
AgriPro 1500 RR	543	27	1377	30	39.4	4	3.9	21	1.05	33	82.0	35	27.7	30*	7.4	33	9.4
Sure-Grow 821	499	31	1305	31	38.2	22	3.8	30	1.09	13	82.6	23	29.3	11*	7.8	20*	6.5
Stoneville ST 4892 BR	478	33	1273	32	37.5	30	3.5	35	1.08	16	82.2	32	28.1	22*	7.5	32	9.5
MISCOT 8839-3-10-2	489	32	1248	33	39.2	6	3.8	29	1.06	29	82.5	27	28.9	14*	8.3	5*	9.4
Fibermax FM 958	446	34	1160	34	38.4	19	4.0	17	1.08	24	82.9	19	27.8	26*	8.4	1*	7.1
Sure-Grow 521 RR	426	35	1070	35	39.9	2	4.0	18	1.07	26	83.2	13*	28.6	17*	8.2	6*	9.3

GRAND MEAN

609

1592

38.3

3.9

1.08

83.0

28.4

7.9

9.2

LSD

161

417

2.3

0.4

0.05

1.2

2.8

0.7

2.6

657**1663****37.0****4.0****1.06****82.6****26.6****7.6**

CV

22.51

22.32

4.38

7.88

3.07

1.03

7.26

6.76

20.90

R-SQUARED

0.40

0.39

0.36

0.40

0.29

0.40

0.29

0.34

0.27

REPS

4

4

3

3

3

3

3

3

3

*Not significantly different from #1

** Mid maturity variety

Table 28. Lint Yields in the Hill Region Mid-Maturity Varieties, 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

Name	Hills Means		MSU		Verona		Holly Springs		Nesbit		Raymond	
	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank	lb/A	Rank
Fibermax FM 966	979	1*	1282	7*	1288	1*	537	4*	1206	2*	537	4
Sure-Grow 747**	950	2*	1307	4*	1130	4	526	6*	1180	3	523	6
PhytoGen PSC 355**	940	3*	1358	1*	1121	5	562	2*	1166	4	361	16
Deltapine DP 675	912	4	1267	8*	1092	6	502	8	1022	8	647	1*
Stoneville ST 474**	910	5	1289	5*	1033	9	541	3*	1057	6	555	3*
AgriPro 4600 RR	910	6	1337	2*	1145	3	527	5*	1005	9	468	9
Stoneville ST 580	891	7	1310	3*	1078	7	568	1*	990	10	413	12
Stoneville X 9905	890	8	1030	15	1188	2	508	7	1274	1*	376	15
Deltapine DP 458 B/RR	854	9	1208	9	1056	8	468	13	1029	7	439	11
Fibermax FM 989	826	10	1195	10	878	13	421	16	979	11	599	2*
Paymaster PM 1560 BG/RR	823	11	1284	6*	773	16	471	12	960	12	508	7
Fibermax FM 832	814	12	1154	12	1029	10	475	10	946	14	403	13
SS 9815	807	13	1155	11	866	14	473	11	953	13	507	8
Deltapine NuCotn 33 B	807	14	1013	16	953	11	422	15	1075	5	525	5
Deltapine DP 655 B/RR	783	15	1110	13	881	12	482	9	945	15	403	14
SS Ligur	777	16	1084	14	862	15	459	14	939	16	468	10

GRAND MEAN

864

1210

1020

494

1041

479

LSD

40

97

81

43

73

109

CV

13.05

10.77

8.64

11.79

9.45

24.85

R-SQUARED

0.91

0.47

0.82

0.53

0.62

0.55

REPS

26

6

4

6

6

4

*Not significantly different from #1

**Early Maturity Checks

Table 29. Yields and Fiber Properties of Mid-Maturity Varieties in the Hill Region of the 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Fibermax FM 966	979	1*	2361	1*	41.3	2*	4.4	9	1.09	2	83.9	2*	33.3	1*	7.8	15	10.3
Sure-Grow 747**	950	2*	2327	4*	40.4	4	4.7	2*	1.09	6	84.2	1*	27.3	16	8.8	4	9.2
PhytoGen PSC 355**	940	3*	2355	2*	39.4	5	4.5	6	1.07	13	83.6	4	30.5	6	9.3	1*	9.3
Deltapine DP 675	912	4	2343	3*	38.8	9	4.6	4	1.08	11	83.7	3	32.0	3	8.9	2	9.1
Stoneville ST 474**	910	5	2177	9	41.5	1*	4.7	3*	1.05	15	83.2	8	27.9	14	8.2	8	8.7
AgriPro 4600 RR	910	6	2287	6*	39.4	6	4.3	10	1.02	16	82.3	16	27.8	15	8.2	10	9.3
STONEVILLE ST 580	891	7	2312	5*	38.4	11	4.5	7	1.09	5	83.3	6	30.3	7	8.8	3	8.8
Stoneville X 9905	890	8	2168	10	41.1	3*	4.2	15	1.07	12	82.5	15	29.1	10	7.9	14	9.4
Deltapine DP 458 B/RR	854	9	2212	7	38.3	12	4.8	1*	1.08	10	82.8	14	28.5	12	8.3	6	8.8
Fibermax FM 989	826	10	2093	13	39.2	7	4.2	14	1.09	3	83.1	12	31.5	4	8.0	12	9.1
Paymaster PM 1560 BG/RR	823	11	2086	14	38.8	10	4.2	13	1.09	7	83.1	10	28.7	11	8.2	11	9.3
Fibermax FM 832	814	12	2067	15	38.9	8	4.1	16	1.14	1*	83.5	5	30.8	5	7.8	16	9.7
SS 9815	807	13	2095	12	38.3	13	4.6	5	1.06	14	83.2	9	29.3	9	8.6	5	8.9
Deltapine NuCotn 33 B	807	14	2196	8	36.4	16	4.3	11	1.09	4	83.1	11	28.2	13	8.2	9	9.1
Deltapine DP 655 B/RR	783	15	2114	11	37.1	15	4.2	12	1.09	8	82.8	13	30.1	8	7.9	13	9.0
SS Ligur	777	16	2049	16	37.9	14	4.5	8	1.09	9	83.3	7	32.7	2*	8.3	7	9.1

GRAND MEAN

864

2200

39.0

4.4

1.08

83.2

29.9

8.3

9.2

LSD

52

131

0.7

0.1

0.01

0.5

0.7

0.2

0.4

CV

13.05

13.04

3.04

4.87

2.13

0.92

3.76

3.66

6.45

R-SQUARED

0.91

0.90

0.79

0.90

0.82

0.63

0.84

0.85

0.62

REPS

26

26

15

15

15

15

15

15

15

*Not significantly different from #1

**Early Maturity Checks

Table 30. MSU Mid Maturity Varieties Yields and Fiber Properties in the Hill Region in the 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
<i>PhytoGen PSC 355**</i>	1358	1*	3228	2*	42.1	6	4.9	9	1.07	13	83.7	5*	32.2	4	9.7	1*	9.4
AgriPro 4600 RR	1337	2*	3214	4*	41.6	7	4.6	12	1.01	16	82.2	16	27.2	16	8.6	9	8.7
Stoneville ST 580	1310	3*	3301	1*	39.7	12	5.0	5*	1.10	2	83.8	4*	32.1	5	9.3	3*	8.5
<i>Sure-Grow 747**</i>	1307	4*	3078	5*	42.5	4*	5.2	3*	1.09	7	84.5	2*	27.8	15	9.5	2*	9.1
<i>Stoneville ST 474**</i>	1289	5*	2972	9	43.4	1*	5.3	1*	1.03	15	83.4	10	29.2	12	8.5	11	8.6
Paymaster PM 1560 BG/RR	1284	6*	3034	6*	42.3	5*	4.9	8	1.08	11	83.8	3*	30.4	10	8.8	6	8.8
Fibermax FM 966	1282	7*	2994	8	42.8	2*	4.5	14	1.10	4	83.6	6	34.9	1*	8.0	16	9.5
Deltapine DP 675	1267	8*	3218	3*	39.4	13	5.0	6*	1.10	3	84.7	1*	33.4	3*	9.2	4	8.9
Deltapine DP 458 B/RR	1208	9	3008	7*	40.2	11	5.2	2*	1.07	12	83.0	13	28.6	14	8.5	12	9.4
Fibermax FM 989	1195	10	2901	11	41.2	8	4.7	11	1.08	9	83.0	12	31.7	7	8.3	13	9.3
SS 9815	1155	12	2853	13	40.5	9	5.1	4*	1.05	14	83.5	8	30.8	9	9.2	5	8.3
Fibermax FM 832	1154	13	2870	12	40.2	10	4.0	16	1.15	1*	83.4	9	31.8	6	8.1	15	9.2
Deltapine DP 655 B/RR	1110	14	2909	10	38.2	15	4.6	13	1.09	6	82.9	14	31.3	8	8.5	10	8.8
Ligur	1084	15	2764	14	39.2	14	4.9	7	1.09	8	83.5	7	34.5	2*	8.7	7	7.6
Stoneville X 9905	1030	16	2409	16	42.8	3*	4.2	15	1.08	10	82.8	15	29.2	11	8.2	14	8.8
Deltapine NuCotn 33 B	1013	17	2668	15	38.0	16	4.8	10	1.10	5	83.3	11	29.0	13	8.6	8	8.6

GRAND MEAN	1210		2968		40.8		4.8		1.08		83.5		30.9		8.7		8.9
LSD	125		304		1.1		0.3		0.03		1.0		1.6		0.4		1.1
CV	10.77		10.67		2.02		4.00		2.20		0.89		3.68		3.07		9.23
R-SQUARED	0.47		0.41		0.87		0.82		0.77		0.59		0.85		0.84		0.42
REPS	6		6		3		3		3		3		3		3		3

*Not significantly different from #1

**Early Maturity Checks

Table 31. Verona Mid Maturity Varieties Yields and Fiber Properties in the Hill Region in the 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	#/A	Rank	#/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Fibermax FM 966	1288	1*	3121	1*	41.3	2*	4.0	4	1.12	4	84.5	3*	35.3	1*	8.0	9	10.8
Stoneville X 9905	1188	2*	2933	3*	40.5	3*	3.4	16	1.11	6	82.8	15	30.0	8	7.7	13	9.0
AgriPro 4600 RR	1145	3	2918	4*	39.2	6	3.8	10	1.05	16	82.2	16	27.9	15	8.0	8	9.6
Sure-Grow 747**	1130	4	2816	5	40.1	4*	4.3	3*	1.10	10	84.7	1*	27.9	16	8.5	3	9.5
PhytoGen PSC 355**	1121	5	2950	2*	38.0	12	4.0	5	1.08	15	83.6	7	30.7	7	9.1	1*	9.4
Deltapine DP 675	1092	6	2786	7	39.2	7	4.3	1*	1.11	8	84.1	4*	32.4	3	8.8	2*	9.3
Stoneville ST 580	1078	7	2814	6	38.3	11	3.9	7	1.11	5	83.7	6*	30.7	6	8.5	4	8.2
Deltapine DP 458 B/RR	1056	8	2740	8	38.5	9	4.3	2*	1.10	11	83.1	12	28.8	10	8.2	5	8.9
Stoneville ST 474*	1033	9	2477	11	41.7	1*	4.0	6	1.08	14	83.4	9	28.0	13	8.2	6	8.8
Fibermax FM 832	1029	10	2635	9	39.0	8	3.4	15	1.19	1*	84.5	2*	31.2	4	7.3	16	9.8
Deltapine NuCotn 33 B	953	11	2584	10	36.9	15	3.7	12	1.11	7	83.2	11	27.9	14	8.0	10	8.8
Deltapine DP 655 B/RR	881	12	2392	12	36.8	16	3.7	11	1.13	2	83.5	8	29.7	9	7.6	14	9.2
Fibermax FM 989	878	13	2234	15	39.3	5	3.5	14	1.12	3	83.7	5*	31.0	5	7.4	15	9.0
SS 9815	866	14	2313	13	37.4	13	3.8	8	1.09	13	83.3	10	28.7	11	8.0	7	8.8
SS Ligur	862	15	2309	14	37.3	14	3.8	9	1.10	12	83.0	14	32.7	2	7.9	11	9.2
Paymaster PM 1560 BG/RR	773	16	2018	16	38.3	10	3.6	13	1.11	9	83.0	13	28.6	12	7.7	12	9.7

GRAND MEAN

1020

2625

38.8

3.8

1.11

83.6

30.2

8.0

9.3

LSD

105

270

2.1

0.2

0.03

1.0

1.4

0.4

0.6

CV

8.64

8.66

3.86

4.62

1.85

0.86

3.25

3.34

5.04

R-SQUARED

0.82

0.78

0.62

0.80

0.76

0.60

0.87

0.82

0.75

REPS

4

4

3

3

3

3

3

3

3

*Not significantly different from #1

**Early Maturity Checks

Table 32. Holly Springs Mid Maturity Varieties Yields and Fiber Properties in the Hill Region in the 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Stoneville ST 580	568	1*	1479	1*	38.4	9	5.0	11	1.04	8	82.1	14	29.2	10	9.0	4	9.0
PhytoGen PSC 355**	562	2*	1401	2*	40.1	5*	5.3	3*	1.03	11	83.5	2*	30.7	6	9.7	1*	9.3
Stoneville ST 474**	541	3*	1311	7	41.3	1*	5.5	1*	1.02	13	81.9	15	28.6	12	8.5	9	8.7
Fibermax FM 966	537	4*	1336	4*	40.2	4*	5.1	9	1.03	10	83.4	3*	32.8	2*	8.0	17	10.8
AgriPro 4600 RR	527	5*	1351	3*	39.0	6	4.8	15	0.98	16	82.3	11	27.3	15	8.4	11	9.2
Sure-Grow 747**	526	6*	1294	8	40.6	3*	5.2	6*	1.07	3	83.8	1*	27.0	16	9.0	5	9.2
Stoneville X 9905	508	7	1248	11	40.7	2*	5.3	2*	0.99	15	81.7	16	29.7	9	8.3	14	9.8
Deltapine DP 675	502	8	1315	6	38.2	11	5.1	7	1.05	6	83.1	6*	32.2	4*	9.3	2	8.8
Deltapine DP 655 B/RR	482	9	1317	5	36.6	14	5.1	8	1.03	12	82.6	10*	30.7	7	8.3	12	9.1
Fibermax FM 832	475	10	1243	13	38.2	10	4.8	16	1.11	1*	83.2	4*	31.6	5*	8.3	13	9.8
SS 9815	473	11	1232	14	38.4	8	5.3	4*	1.01	14	83.0	7*	30.0	8	9.1	3	8.7
Paymaster PM 1560 BG/RR	471	12	1247	12	37.8	12	4.8	13	1.07	2	83.0	8*	28.5	13	8.2	15	9.0
Deltapine DP 458 B/RR	468	13	1254	10	37.3	13	5.2	5*	1.06	5	82.7	9*	28.3	14	8.5	8	9.0
SS Ligur	459	14	1275	9	36.0	16	4.9	12	1.06	4	83.1	5*	32.4	3*	8.8	6	9.5
Deltapine NuCotn 33 B	422	15	1167	15	36.2	15	5.0	10	1.04	9	82.3	12	28.9	11	8.6	7	9.0
Fibermax FM 989	421	16	1086	16	38.7	7	4.8	14	1.04	7	82.2	13	33.0	1*	8.2	16	8.3

GRAND MEAN

494

1282

38.5

5.1

1.04

82.8

30.1

8.6

9.3

LSD

56

143

1.3

0.3

0.03

1.3

1.5

0.4

0.6

CV

11.79

11.62

2.36

4.44

2.27

1.11

3.60

3.05

5.05

R-SQUARED

0.53

0.46

0.83

0.64

0.82

0.49

0.83

0.83

0.72

REPS

6

6

3

3

3

3

3

3

3

*Not significantly different from #1

**Early Maturity Checks

Table 33. Nesbit Mid Maturity Varieties Yields and Fiber Properties in the Hill Region in the 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Stoneville X 9905	1274	1*	3177	1*	40.1	5*	4.2	13	1.10	13	82.9	14	29.9	9	8.1	12	9.9
Fibermax FM 966	1206	2*	2949	3*	40.9	2*	4.3	12	1.12	2*	84.5	2*	32.0	4*	7.5	16	10.1
Sure-Grow 747**	1180	3*	2921	5	40.4	3*	4.7	1*	1.10	12	85.3	1*	27.4	16	8.9	4	9.9
PhytoGen PSC 355**	1166	4	2972	2*	39.2	6	4.5	6*	1.12	4*	84.3	4*	31.0	5	9.5	1*	8.9
Deltapine NuCotn 33 B	1075	5	2945	4*	36.5	15	4.2	14	1.11	10*	83.7	10	28.7	13	8.5	8	9.5
Stoneville ST 474**	1057	6	2583	10	40.9	1*	4.6	5*	1.06	15	84.4	3*	28.6	14	8.3	11	9.1
Deltapine DP 458 B/RR	1029	7	2724	6	37.8	11	4.7	2*	1.11	8*	83.1	13	29.1	11	8.5	7	8.5
Deltapine DP 675	1022	8	2655	7	38.5	8	4.5	9*	1.11	7*	83.9	9	33.0	2*	9.1	2*	8.8
AgriPro 4600 RR	1005	9	2577	11	39.0	7	4.6	3*	1.03	16	82.4	16	28.9	12	8.5	6	9.8
Stonville ST 580	990	10	2645	8	37.4	12	4.5	7*	1.12	5*	84.3	5*	30.1	8	8.9	3	9.5
Fibermax FM 989	979	11	2548	13	38.4	9	4.4	10*	1.12	3*	84.2	6	32.8	3*	8.1	13	9.8
Paymaster PM 1560 BG/RR	960	12	2503	15	38.3	10	4.0	15	1.11	11*	83.5	11	28.2	15	8.4	10	9.7
SS 9815	953	13	2558	12	37.3	14	4.6	4*	1.07	14	83.3	12	29.6	10	8.6	5	9.6
Fibermax FM 832	946	14	2358	16	40.1	4*	4.4	11*	1.14	1*	84.0	8	30.5	6	7.8	15	9.5
Deltapine DP 655 B/RR	945	15	2630	9	35.9	16	3.9	16	1.11	6*	82.7	15	30.2	7	7.9	14	8.7
SS Ligur	939	16	2512	14	37.4	13	4.5	8*	1.11	9*	84.1	7	33.3	1*	8.4	9	9.6

GRAND MEAN

1041

2698

38.5

4.4

1.11

83.8

30.3

8.4

9.5

LSD

95

244

1.0

0.3

0.03

1.0

1.3

0.4

0.7

CV

9.45

9.42

1.83

5.56

2.14

0.87

3.18

3.54

5.59

R-SQUARED

0.62

0.54

0.89

0.63

0.70

0.62

0.84

0.80

0.61

REPS

6

6

3

3

3

3

3

3

3

*Not significantly different from #1

**Early Maturity Checks

Table 34. Raymond Mid Maturity Varieties Yields and Fiber Properties in the Hill Region in the 2000 Mississippi Cotton Variety Trials. (Creech, 2001)

NAME	Lint Yield		Seed Cotton Yield		Lint Percent		Micronaire		Length		Uniformity Index		Strength (HVI)		Elongation		Seed Index
	lb/A	Rank	lb/A	Rank	%	Rank	MIC	Rank	UHM	Rank	%	Rank	g tex	Rank	EL	Rank	g/100
Deltapine DP 675	647	1*	1658	1*	39.0	5	4.2	5	1.03	16	82.5	10*	28.9	5	8.2	3*	9.6
Fibermax FM 989	599	2*	1567	2*	38.2	8	3.8	13	1.09	3	82.1	15	29.1	4	7.7	9	9.0
Stoneville ST 474**	555	3*	1376	4*	40.4	3*	4.0	8	1.06	14	83.1	2*	25.2	16	7.6	12	8.5
Fibermax FM 966	537	4*	1305	8*	41.1	2*	4.2	4	1.09	4	83.4	1*	31.6	1*	7.7	10	10.3
Deltapine NuCotn 33 B	525	5*	1518	3*	34.6	16	3.7	16	1.10	2*	82.7	6*	26.5	14	7.5	13	9.7
Sure-Grow 747**	523	6*	1367	6*	38.3	7	4.2	3*	1.08	6	82.9	3*	26.4	15	8.1	4*	8.5
Paymaster PM 1560 BG/RR	508	7*	1368	5*	37.2	14	3.8	15	1.08	8	82.2	14	27.5	11	7.7	8	9.3
SS 9815	507	8*	1340	7*	37.8	11	4.1	7	1.06	13	82.8	4*	27.3	12	7.9	5*	9.1
AgriPro 4600 RR	468	9	1232	9	38.0	9	3.9	11	1.04	15	82.5	11*	27.8	8	7.6	11	8.9
SS Ligur	468	10	1185	10	39.5	4*	4.2	6	1.07	10	82.5	9*	30.6	2*	7.8	7*	9.6
Deltapine DP 458 B/RR	439	11	1163	11	37.7	12	4.4	1*	1.07	11	82.1	16	27.7	9	7.9	6*	8.2
Stoneville ST 580	413	12	1074	13	38.4	6	4.3	2*	1.08	5	82.7	7*	29.1	3	8.2	2*	8.9
Deltapine DP 655 B/RR	403	14	1062	14	37.9	10	4.0	10	1.07	9	82.6	8*	28.6	7	7.4	14	9.0
Fibermax FM 832	403	13	1094	12	36.8	15	3.8	14	1.13	1*	82.5	12*	28.9	6	7.2	16	10.3
Stoneville X 9905	376	15	909	16	41.3	1*	3.9	12	1.08	7	82.3	13	26.9	13	7.3	15	9.4
PhytoGen PSC 355**	361	16	959	15	37.6	13	4.0	9	1.06	12	82.8	5*	27.7	10	8.4	1*	9.6

GRAND MEAN	479		1253		38.3		4.0		1.08		82.6		28.2		7.7		9.3
LSD	141		371		2.1		0.3		0.03		0.9		1.7		0.5		0.9
CV	24.85		24.99		4.04		4.99		2.28		0.81		4.45		4.86		6.74
R-SQUARED	0.55		0.55		0.64		0.64		0.61		0.32		0.72		0.58		0.58
REPS	4		4		3		3		3		3		3		3		3

*Not significantly different from #1

**Early Maturity Checks

Table xx. Participating Companies and Varieties Entered

Companies	Varieties	Test
Agipro Seeds, Inc. 6075 Poplar Ave, Suite 435 Memphis, TN 38119	AgriPro 1500 RR	Early Maturity: Delta
	AgriPro 4600 RR	Mid Maturity: Delta and Hills
	AgriPro AP 7115	Early Maturity: Delta and Hills
	AgriPro AP 9257	Early Maturity: Delta and Hills
Aventis Crop Science 311 Popular View Lane West Collierville, TN 38017	Fibermax 819	Early Maturity: Delta and Hills
	Fibermax 832	Mid Maturity: Delta and Hills
	Fibermax 958	Early Maturity: Delta and Hills
	Fibermax FM 966	Mid Maturity: Delta and Hills
	Fibermax FM 989	Mid Maturity: Delta and Hills
Buttonwillow Cotton Research P.O. Box 568 Buttonwillow, CA 93206-0568	BR 9802	Early Maturity: Delta and Hills
Deltapine Seed P.O. Box 157 Scott, MS 38772	Deltapine DP 20 B	Early Maturity: Delta and Hills
	Deltapine DP 388	Early Maturity: Delta
	Deltapine DP 420 RR	Early Maturity: Delta and Hills
	Deltapine DP 422 B/RR	Early Maturity: Delta and Hills
	Deltapine DP 425 RR	Early Maturity: Delta and Hills
	Deltapine DP 428 B	Early Maturity: Delta and Hills
	Deltapine DP 436 RR	Early Maturity: Delta and Hills
	Deltapine DP 451 B/RR	Early Maturity: Delta and Hills
	Deltapine DP 458 B/RR	Mid Maturity: Delta and Hills
	Deltapine DP 5415 RR	Mid Maturity: Delta and Hills
	Deltapine DP 655 B/RR	Mid Maturity: Hills
	Deltapine DP 675	Mid Maturity:Delta and Hills
	Deltapine NuCotn 33 B*	Mid Maturity: Delta and Hills
	Paymaster PM 1218 BG/RR	Early Maturity: Delta and Hills
	Paymaster PM 1560 BG	Early Maturity: Delta and Hills
	Paymaster PM 1560 BG/RR	Mid Maturity:Hills
	Sure-Grow 105	Early Maturity: Delta and Hills
	Sure-Grow 125 BR	Early Maturity: Delta and Hills
	Sure-Grow 125 RR	Early Maturity: Delta
	Sure-Grow 501BR	Early Maturity: Delta and Hills
Sure-Grow 521 RR	Early Maturity: Delta and Hills	
Sure-Grow 747	Early Maturity: Delta and Hills	
Sure-Grow 821	Early Maturity: Delta and Hills	
Mississippi State University Ted Wallace, Ph.D. Box 9555 Mississippi State, MS 39762	MISCOT 8806-3-2-19	Early Maturity: Delta and Hills
	MISCOT 8806-3-2-21	Early Maturity: Delta
	MISCOT 8806-3-2-35	Early Maturity: Delta
	MISCOT 8839-3-10-2	Early Maturity: Delta and Hills
Syngenta Mile 2 East & Hwy 107 P.O. Box 1149 Santa Rosa, TX 78593	NK 2108ss	Early Maturity: Delta
Phytogen 3790 Old Hwy 61 Leland, MS 38756	PhytoGen PSC 355	Early Maturity: Delta and Hills
	PhytoGen PSC 952	Early Maturity: Delta and Hills
	PhytoGen PSC 952	Mid Maturity: Delta and Hills
Seed Source, Inc. 106 Fourth Street Leland, MS 38756	Condor	Early Maturity: Delta and Hills
	Gavilan	Early Maturity: Delta and Hills
	Ligur	Mid Maturity: Delta and Hills
	SS 9815	Mid Maturity: Delta and Hills
	SS 9901	Early Maturity: Delta and Hills
	SS 9907	Early Maturity: Delta and Hills
Stoneville Pedigreed Seed Co. 6625 Lenox Park Drive, Suite 117 Memphis, TN 38187	Stoneville 6M045	Mid Maturity: Delta and Hills
	Stoneville BXN 47	Early Maturity: Delta and Hills
	Stoneville ST 4691 B	Early Maturity: Delta and Hills
	Stoneville ST 474	Early Maturity: Delta and Hills
	Stoneville ST 4892 BR	Early Maturity: Delta and Hills
	Stoneville X 0001	Early Maturity: Delta and Hills
	Stoneville X 9903	Early Maturity: Delta and Hills
	Stoneville X 9905	Mid Maturity: Delta and Hills

* Indicates transgenic Bt variety with resistance to tobacco budworm

** Indicates transgenic Roundup Ready variety with resistance to Roundup Ultra herbicide

*** Indicates transgenic BXN variety with resistance to Buctril herbicide

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