

# **Preliminary Tennessee Cotton Variety Test Results**

## **2008**

**Edited by**

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**Table OVT1.** Lint yield, gin turnout, and fiber quality of 42 entries in the 2008 Tennessee Official Variety Trial averaged across five test locations, listed by yield rank.

<b>Yield Rank</b>	<b>Variety</b>	<b>Gin Turnout %</b>	<b>Lint Yield lb/ac</b>	<b>Micro-naire</b>	<b>Fiber Length</b>	<b>Fiber Strength</b>	<b>Uni-formity</b>	<b>HVI Trash</b>	<b>Color Grade</b>
1	PHY 375 WRF	38.5	1590						
2	PHY 370 WR	38.0	1547						
3	ST 5458 B2RF	37.8	1546						
4	FM 1740 B2F	39.1	1545						
5	BCSX0727B2F	37.1	1497						
6	BCSX0721B2F	38.9	1469						
7	DP 444 BG/RR	38.3	1467						
8	NG 333 1B2RF	36.5	1453						
9	DP 0935 B2RF	38.9	1451						
10	DG 2570 B2RF	38.0	1440						
11	ST 4427 B2RF	36.6	1439						
12	ST 5327 B2RF	37.6	1426						
13	ST 4498 B2RF	37.0	1425						
14	PHY 485 WRF	36.7	1422						
15	AM 1550 B2RF	38.0	1415						
16	CG 3220 B2RF	38.1	1414						
17	DG 2400 RF	38.7	1409						
18	PHY 315 RF	37.7	1400						
19	NG 4370 B2RF	36.3	1396						
20	NG 4377 B2RF	36.9	1391						
21	DP 0924 B2RF	37.0	1371						
22	AM 1532 B2RF	36.6	1362						
23	DP 121 RF	38.0	1360						
24	DP 143 B2RF	35.8	1360						
25	ST 4554 B2RF	37.1	1359						
26	BCSX0201LLB2	35.4	1346						
27	DP 141 B2RF	34.9	1344						
28	BCSX0704B2F	35.2	1344						
29	DP 161 B2RF	35.0	1342						
30	BCSX0888LLB2	36.6	1338						
31	BCSX0187LLB2	37.2	1336						
32	PHY 425 RF	36.1	1333						
33	FM 1735 LLB2	36.3	1321						
34	CG 3020 B2RF	35.3	1318						
35	BCSX0614B2F	34.3	1317						
36	DP 164 B2RF	35.1	1315						
37	CG 3520 B2RF	36.1	1303						
38	CG 4020 B2RF	36.3	1286						
39	DG 2520 B2RF	35.7	1264						
40	DG 2490 B2RF	35.2	1255						
41	CG 3035 RF	37.9	1245						
42	ARK9803-23-04	36.8	1240						
Average		36.9	1386						
LSD		0.7	66						
CV		5.4	17.5						

Tennessee AgResearch data of Main et al. (2008). HVI data furnished by ITC, Lubbock, TX.

**Table OVT2.** Lint yield, gin turnout, and fiber quality of 42 entries in the 2008 Tennessee Official Variety Trial Agricenter International, Memphis, TN, listed by yield rank.

<b>Yield Rank</b>	<b>Variety</b>	<b>Gin turnout %</b>	<b>Lint Yield lb/ac</b>	<b>Micro-naire</b>	<b>Fiber Length</b>	<b>Fiber Strength</b>	<b>Uni-formity</b>	<b>HVI Trash</b>	<b>Color Grade</b>
1	PHY 375 WRF	38.5	1590						
2	PHY 370 WR	38.0	1547						
3	ST 5458 B2RF	37.8	1546						
4	FM 1740 B2F	39.1	1545						
5	BCSX0727B2F	37.1	1497						
6	BCSX0721B2F	38.9	1469						
7	DP 444 BG/RR	38.3	1467						
8	NG 333 1B2RF	36.5	1453						
9	DP 0935 B2RF	38.9	1451						
10	DG 2570 B2RF	38.0	1440						
11	ST 4427 B2RF	36.6	1439						
12	ST 5327 B2RF	37.6	1426						
13	ST 4498 B2RF	37.0	1425						
14	PHY 485 WRF	36.7	1422						
15	AM 1550 B2RF	38.0	1415						
16	CG 3220 B2RF	38.1	1414						
17	DG 2400 RF	38.7	1409						
18	PHY 315 RF	37.7	1400						
19	NG 4370 B2RF	36.3	1396						
20	NG 4377 B2RF	36.9	1391						
21	DP 0924 B2RF	37.0	1371						
22	AM 1532 B2RF	36.6	1362						
23	DP 121 RF	38.0	1360						
24	DP 143 B2RF	35.8	1360						
25	ST 4554 B2RF	37.1	1359						
26	BCSX0201LLB2	35.4	1346						
27	DP 141 B2RF	34.9	1344						
28	BCSX0704B2F	35.2	1344						
29	DP 161 B2RF	35.0	1342						
30	BCSX0888LLB2	36.6	1338						
31	BCSX0187LLB2	37.2	1336						
32	PHY 425 RF	36.1	1333						
33	FM 1735 LLB2	36.3	1321						
34	CG 3020 B2RF	35.3	1318						
35	BCSX0614B2F	34.3	1317						
36	DP 164 B2RF	35.1	1315						
37	CG 3520 B2RF	36.1	1303						
38	CG 4020 B2RF	36.3	1286						
39	DG 2520 B2RF	35.7	1264						
40	DG 2490 B2RF	35.2	1255						
41	CG 3035 RF	37.9	1245						
42	ARK9803-23-04	36.8	1240						
	<b>Average</b>	36.9	1386						
	<b>LSD</b>	2.4	160						
	<b>CV</b>	4.7	6.9						

Tennessee AgResearch data of Main et al. (2008). HVI data furnished by ITC, Lubbock, TX.

**Table OVT3.** Lint yield, gin turnout, and fiber quality of 42 entries in the 2008 Tennessee Official Variety Trial Ames Plantation, LaGrange, TN, listed by yield rank.

<b>Yield Rank</b>	<b>Variety</b>	<b>Gin Turnout %</b>	<b>Lint Yield lb/ac</b>	<b>Micro-naire</b>	<b>Fiber Length</b>	<b>Fiber Strength</b>	<b>Uni-formity</b>	<b>HVI Trash</b>	<b>Color Grade</b>
1	ST 5458 B2RF	38.9	1373						
2	PHY 315 RF	39.5	1367						
3	DG 2570 B2RF	39.4	1348						
4	PHY 375 WRF	39.4	1340						
5	CG 3220 B2RF	39.3	1338						
6	FM 1740 B2F	39.7	1334						
7	BCSX0727B2F	38.1	1330						
8	DG 2400 RF	41.1	1310						
9	DP 0935 B2RF	40.1	1290						
10	ST 4427 B2RF	38.3	1276						
11	AM 1550 B2RF	39.2	1276						
12	BCSX0704B2F	36.5	1265						
13	DP 444 BG/RR	38.6	1260						
14	FM 1735 LLB2	37.7	1250						
15	NG 4370 B2RF	37.8	1243						
16	PHY 425 RF	36.2	1238						
17	PHY 370 WR	39.0	1236						
18	DG 2520 B2RF	38.5	1235						
19	ST 5327 B2RF	38.8	1233						
20	DP 143 B2RF	37.3	1228						
21	NG 4377 B2RF	38.3	1216						
22	ST 4554 B2RF	38.5	1214						
23	CG 3035 RF	40.8	1212						
24	DP 0924 B2RF	37.9	1203						
25	NG 333 1B2RF	37.6	1203						
26	PHY 485 WRF	37.7	1186						
27	DG 2490 B2RF	36.7	1185						
28	CG 3520 B2RF	36.4	1181						
29	ST 4498 B2RF	38.0	1176						
30	BCSX0888LLB2	37.8	1156						
31	BCSX0201LLB2	37.4	1154						
32	AM 1532 B2RF	38.2	1149						
33	CG 4020 B2RF	37.7	1145						
34	BCSX0187LLB2	37.8	1137						
35	BCSX0721B2F	39.0	1132						
36	DP 161 B2RF	35.6	1130						
37	DP 141 B2RF	37.1	1115						
38	DP 121 RF	38.2	1113						
39	CG 3020 B2RF	36.2	1099						
40	ARK9803-23-04	37.2	1069						
41	BCSX0614B2F	35.0	1060						
42	DP 164 B2RF	36.4	1036						
	<b>Average</b>	38.0	1215						
	<b>LSD</b>	0.9	141						
	<b>CV</b>	1.7	8.3						

Tennessee AgResearch data of Main et al. (2008). HVI data furnished by ITC, Lubbock, TX.

**Table OVT4.** Lint yield, gin turnout, and fiber quality of 42 entries in the 2008 Tennessee Official Variety Trial Crook Planting Company, Hales Point, TN, listed by yield rank.

<b>Yield Rank</b>	<b>Variety</b>	<b>Gin Turnout %</b>	<b>Lint Yield lb/ac</b>	<b>Micro-naire</b>	<b>Fiber Length</b>	<b>Fiber Strength</b>	<b>Uni-formity</b>	<b>HVI Trash</b>	<b>Color Grade</b>
1	FM 1740 B2F	38.1	1824						
2	ST 5458 B2RF	35.3	1769						
3	BCSX0721B2F	37.2	1760						
4	BCSX0727B2F	35.7	1718						
5	PHY 375 WRF	35.0	1700						
6	ST 4498 B2RF	34.8	1651						
7	DP 0935 B2RF	37.0	1586						
8	PHY 370 WR	34.9	1582						
9	NG 333 1B2RF	33.7	1569						
10	BCSX0888LLB2	34.0	1565						
11	ST 4554 B2RF	34.7	1518						
12	CG 4020 B2RF	34.1	1511						
13	DP 444 BG/RR	35.5	1505						
14	PHY 485 WRF	33.0	1502						
15	BCSX0704B2F	32.5	1485						
16	AM 1532 B2RF	34.4	1484						
17	FM 1735 LLB2	33.3	1479						
18	ST 4427 B2RF	33.8	1478						
19	NG 4370 B2RF	33.0	1474						
20	DP 141 B2RF	32.1	1470						
21	DP 0924 B2RF	34.6	1454						
22	DP 164 B2RF	32.9	1450						
23	CG 3020 B2RF	31.8	1433						
24	DG 2570 B2RF	35.6	1428						
25	ST 5327 B2RF	34.4	1410						
26	NG 4377 B2RF	33.2	1403						
27	CG 3220 B2RF	36.4	1402						
28	DP 161 B2RF	31.8	1385						
29	AM 1550 B2RF	35.2	1372						
30	BCSX0614B2F	31.0	1366						
31	DP 143 B2RF	33.0	1358						
32	BCSX0187LLB2	34.7	1334						
33	DG 2520 B2RF	31.5	1324						
34	CG 3520 B2RF	32.9	1311						
35	BCSX0201LLB2	32.7	1311						
36	PHY 315 RF	33.6	1249						
37	DG 2490 B2RF	33.0	1239						
38	PHY 425 RF	32.6	1141						
39	DG 2400 RF	34.8	1091						
40	ARK9803-23-04	34.7	1079						
41	DP 121 RF	33.6	1051						
42	CG 3035 RF	33.4	1018						
	<b>Average</b>	34.0	1434						
	<b>LSD</b>	1.2	151						
	<b>CV</b>	2.5	7.6						

Tennessee AgResearch data of Main et al. (2008). HVI data furnished by ITC, Lubbock, TX.

**Table OVT5.** Lint yield, gin turnout, and fiber quality of 42 entries in the 2008 Tennessee Official Variety Trial Research and Education Center at Milan, Milan, TN, listed by yield rank.

<b>Yield Rank</b>	<b>Variety</b>	<b>Gin Turnout %</b>	<b>Lint Yield lb/ac</b>	<b>Micro-naire</b>	<b>Fiber Length</b>	<b>Fiber Strength</b>	<b>Uni-formity</b>	<b>HVI Trash</b>	<b>Color Grade</b>
1	PHY 375 WRF	39.1	1381						
2	PHY 370 WR	39.8	1374						
3	DG 2570 B2RF	38.6	1285						
4	ST 4427 B2RF	37.7	1261						
5	FM 1740 B2F	39.3	1240						
6	BCSX0704B2F	37.5	1237						
7	ST 5458 B2RF	39.7	1236						
8	DG 2400 RF	39.8	1224						
9	DP 444 BG/RR	39.8	1223						
10	ST 4498 B2RF	38.1	1215						
11	BCSX0201LLB2	35.6	1206						
12	ST 5327 B2RF	39.0	1192						
13	BCSX0727B2F	39.5	1183						
14	PHY 315 RF	39.2	1176						
15	NG 333 1B2RF	36.9	1150						
16	PHY 485 WRF	38.2	1144						
17	DP 0935 B2RF	39.7	1120						
18	NG 4377 B2RF	38.0	1118						
19	DP 0924 B2RF	38.4	1111						
20	DP 121 RF	40.1	1110						
21	AM 1532 B2RF	36.4	1108						
22	DG 2490 B2RF	35.7	1105						
23	CG 3220 B2RF	38.9	1101						
24	FM 1735 LLB2	37.6	1096						
25	ST 4554 B2RF	38.2	1071						
26	CG 3520 B2RF	36.9	1068						
27	CG 3020 B2RF	35.0	1065						
28	PHY 425 RF	36.4	1062						
29	NG 4370 B2RF	37.1	1049						
30	BCSX0721B2F	39.2	1044						
31	CG 4020 B2RF	36.9	1041						
32	AM 1550 B2RF	36.7	1028						
33	DP 164 B2RF	36.2	1026						
34	ARK9803-23-04	37.6	1022						
35	DP 141 B2RF	35.9	1020						
36	DP 161 B2RF	36.6	1019						
37	BCSX0187LLB2	38.0	1010						
38	BCSX0614B2F	34.1	1005						
39	CG 3035 RF	39.7	975						
40	DG 2520 B2RF	35.9	970						
41	DP 143 B2RF	35.6	937						
42	BCSX0888LLB2	37.5	907						
<b>Average</b>		37.7	1117						
<b>LSD</b>		1.1	119						
<b>CV</b>		2.0	7.6						

Tennessee AgResearch data of Main et al. (2008). HVI data furnished by ITC, Lubbock, TX.

**Table OVT6.** Lint yield, gin turnout, and fiber quality of 42 entries in the 2008 Tennessee Official Variety Trial West Tennessee Research and Education Center, Jackson, TN, listed by yield rank.

<b>Yield Rank</b>	<b>Variety</b>	<b>Gin Turnout %</b>	<b>Lint Yield lb/ac</b>	<b>Micro-naire</b>	<b>Fiber Length</b>	<b>Fiber Strength</b>	<b>Uni-formity</b>	<b>HVI Trash</b>	<b>Color Grade</b>
1	PHY 375 WRF	39.5	1746						
2	DP 121 RF	39.5	1723						
3	NG 333 1B2RF	38.6	1717						
4	PHY 370 WR	39.4	1681						
5	FM 1740 B2F	39.0	1648						
6	ST 5458 B2RF	38.0	1645						
7	DG 2570 B2RF	39.3	1637						
8	PHY 315 RF	38.4	1631						
9	AM 1550 B2RF	41.3	1623						
10	DG 2400 RF	40.5	1615						
11	DP 141 B2RF	36.3	1607						
12	DP 143 B2RF	37.6	1603						
13	PHY 485 WRF	36.9	1575						
14	NG 4370 B2RF	36.8	1573						
15	NG 4377 B2RF	38.1	1573						
16	DP 444 BG/RR	39.1	1564						
17	ARK9803-23-04	38.9	1541						
18	BCSX0727B2F	38.2	1541						
19	CG 3220 B2RF	38.5	1536						
20	BCSX0721B2F	39.8	1528						
21	ST 4427 B2RF	36.7	1520						
22	ST 5327 B2RF	38.5	1516						
23	BCSX0187LLB2	37.9	1506						
24	AM 1532 B2RF	37.9	1498						
25	DP 161 B2RF	36.4	1492						
26	DP 164 B2RF	35.9	1490						
27	DP 0924 B2RF	37.9	1488						
28	ST 4498 B2RF	37.6	1484						
29	CG 4020 B2RF	37.5	1474						
30	DP 0935 B2RF	38.6	1459						
31	PHY 425 RF	37.3	1451						
32	BCSX0201LLB2	36.6	1445						
33	CG 3020 B2RF	36.5	1427						
34	BCSX0888LLB2	36.5	1427						
35	CG 3035 RF	39.1	1415						
36	ST 4554 B2RF	38.1	1406						
37	BCSX0614B2F	36.0	1394						
38	CG 3520 B2RF	37.4	1367						
39	DG 2520 B2RF	37.2	1359						
40	BCSX0704B2F	34.5	1297						
41	DG 2490 B2RF	36.0	1282						
42	FM 1735 LLB2	37.0	1280						
	<b>Average</b>	37.8	1519						
	<b>LSD</b>	1.3	141						
	<b>CV</b>	2.5	6.6						

Tennessee AgResearch data of Main et al. (2008). HVI data furnished by ITC, Lubbock, TX.



**Table CST1.** Results of early season cotton variety test, all locations average, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	PHY 375 WRF	40.7	1266							
2	CG 3035 B2RF	40.9	1232							
3	DP 0935 B2RF	40.7	1207							
4	PHY 370 WR	40.1	1189							
5	ST 4498 B2RF	38.5	1180							
6	DP 445 BG/RR	40.4	1158							
7	ST 4427 B2RF	38.5	1157							
8	DP 121 RF	39.8	1152							
9	DP 444 BG/RR	40.2	1147							
10	DG 2520 B2RF	38.4	1139							
11	DG 2383 B2RF	38.1	1118							
12	AM 1532 B2RF	38.7	999							
	<b>Mean</b>	<b>39.6</b>	<b>1162</b>							
	<b>LSD</b>	<b>1.2</b>	<b>93</b>							
	<b>CV</b>	<b>4.2</b>	<b>11.4</b>							

**Table CST2.** Results of early season cotton variety test, all locations average, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	FM 1740 B2RF	40.5	1243							
2	DG 2570 B2RF	39.9	1232							
3	ST 5327 B2RF	39.6	1225							
4	ST 4554 B2RF	38.7	1194							
5	CG 3220 B2RF	39.2	1185							
6	DG 2490 B2RF	37.9	1178							
7	DP 161 B2RF	37.9	1150							
8	DP 143 B2RF	37.9	1121							
9	AM 1550 B2RF	39.5	1117							
10	CG 4020 B2RF	38.1	1113							
11	DP 141 B2RF	36.7	1113							
12	DP 164 B2RF	38.3	1100							
13	CG 3520 B2RF	37.7	1081							
	<b>Mean</b>	<b>34.8</b>	<b>1158</b>							
	<b>LSD</b>	<b>1.1</b>	<b>80</b>							
	<b>CV</b>	<b>4.0</b>	<b>9.5</b>							

**Table CST3.** Results of Liberty Link cotton variety test, all locations average, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	BCSX 0888 LLB2	39.5	1362							
2	BCSX 0102 LLB2	39.5	1231							
3	FM 1735 LLB2	40.0	1137							
4	FM 955 LLB2	39.3	1133							
5	BCSX 0187 LLB2	39.3	1130							
	<b>Mean</b>	<b>39.5</b>	<b>1198</b>							
	<b>LSD</b>	<b>1.5</b>	<b>216</b>							
	<b>CV</b>	<b>2.5</b>	<b>11.7</b>							

**Table CST4.** Results of early season cotton variety test, Carroll County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	PHY 370 WR	42.7	997							
2	ST 4427 B2RF	40.1	882							
3	CG 3035 B2RF	42.8	759							
4	DP 444 BG/RR	45.1	698							
5	DP 445 BG/RR	41.9	681							
6	PHY 375 WRF	41.5	656							
7	DP 121 RF	36.6	646							
8	DG 2520 B2RF	40.4	629							
9	DG 2383 B2RF	43.1	629							
10	ST 4498 B2RF	36.6	588							
11	DP 0935 B2RF	44.2	580							
12	AM 1532 B2RF	40.2	511							
<b>Mean</b>		<b>41.3</b>	<b>688</b>							

<b>Agent</b>	Steve Burgess	<b>Soil Type</b>	
<b>Producer</b>	David Renfro	<b>Tillage</b>	
<b>Planting Date</b>		<b>Previous Crop</b>	
<b>Defoliation Date</b>		<b>Fertilizer</b>	
<b>Harvest Date</b>		<b>Row Spacing</b>	

**Table CST5.** Results of early season cotton variety test, Carroll County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DP 161 B2RF	43.9	1119							
2	DP 143 B2RF	39.9	1037							
3	DG 2490 B2RF	40.3	963							
4	CG 3220 B2RF	42.3	924							
5	CG 4020 B2RF	40.6	914							
6	DP 141 B2RF	37.8	847							
7	AM 1550 B2RF	41.0	773							
8	ST 5327 B2RF	41.9	756							
9	FM 1740 B2RF	41.3	725							
10	CG 3520 B2RF	37.8	661							
11	ST 4554 B2RF	37.9	657							
12	DG 2570 B2RF	41.0	634							
13	DP 164 B2RF	36.9	573							
<b>Mean</b>		<b>34.8</b>	<b>814</b>							

<b>Agent</b>	Steve Burgess	<b>Soil Type</b>	
<b>Producer</b>	David Renfro	<b>Tillage</b>	
<b>Planting Date</b>		<b>Previous Crop</b>	
<b>Defoliation Date</b>		<b>Fertilizer</b>	
<b>Harvest Date</b>		<b>Row Spacing</b>	

**Table CST6.** Results of early season cotton variety test, Chester County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DP 0935 B2RF	40.2	1102							
2	CG 3035 B2RF	39.7	1089							
3	DG 2383 B2RF	37.7	1021							
4	PHY 375 WRF	39.5	1001							
5	ST 4427 B2RF	38.3	988							
6	ST 4498 B2RF	37.3	949							
7	DG 2520 B2RF	38.2	942							
8	DP 121 RF	40.7	926							
9	AM 1532 B2RF	38.5	893							
10	PHY 370 WR	40.9	827							
11	DP 444 BG/RR	39.8	720							
12	DP 445 BG/RR	38.4	715							
<b>Mean</b>		<b>39.1</b>	<b>931</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST7.** Results of early season cotton variety test, Chester County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	ST 5327 B2RF	40.6	1102							
2	FM 1740 B2RF	40.6	1087							
3	DP 143 B2RF	38.4	1027							
4	DG 2490 B2RF	37.1	1006							
5	CG 3220 B2RF	37.6	1001							
6	DG 2570 B2RF	38.3	989							
7	ST 4554 B2RF	39.0	959							
8	CG 3520 B2RF	39.2	949							
9	DP 141 B2RF	36.6	947							
10	DP 164 B2RF	38.6	939							
11	DP 161 B2RF	36.3	929							
12	CG 4020 B2RF	38.7	923							
13	AM 1550 B2RF	37.4	866							
<b>Mean</b>		<b>34.8</b>	<b>979</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST8.** Results of early season cotton variety test, Crockett County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DP 121 RF	41.2	995							
2	CG 3035 B2RF	42.2	873							
3	DP 444 BG/RR	40.6	810							
4	DG 2520 B2RF	38.9	795							
5	ST 4427 B2RF	39.5	793							
6	DP 0935 B2RF	40.6	766							
7	ST 4498 B2RF	39.4	760							
8	DG 2383 B2RF	37.8	746							
9	PHY 375 WRF	41.2	735							
10	PHY 370 WR	38.0	724							
11	DP 445 BG/RR	39.6	715							
12	AM 1532 B2RF	38.3	589							
<b>Mean</b>		<b>39.8</b>	<b>775</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST9.** Results of early season cotton variety test, Crockett County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DG 2570 B2RF	39.0	1346							
2	ST 5327 B2RF	40.0	1299							
3	DP 164 B2RF	40.0	1297							
4	FM 1740 B2RF	39.6	1293							
5	AM 1550 B2RF	39.1	1262							
6	ST 4554 B2RF	39.0	1236							
7	DG 2490 B2RF	37.2	1203							
8	CG 3220 B2RF	38.3	1170							
9	CG 3520 B2RF	40.0	1144							
10	DP 141 B2RF	38.7	1125							
11	DP 161 B2RF	39.5	1122							
12	DP 143 B2RF	40.3	1106							
13	CG 4020 B2RF	39.0	1086							
<b>Mean</b>		<b>34.8</b>	<b>1207</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST10.** Results of Liberty Link cotton variety test, Crockett County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	BCSX 0888 LLB2	40.0	2080						
2	BCSX 0102 LLB2	41.0	1599						
3	FM 955 LLB2	40.0	1520						
4	FM 1735 LLB2	41.0	1415						
5	BCSX 0187 LLB2	40.0	1400						
<b>Mean</b>		<b>40.4</b>	<b>1603</b>						

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST11.** Results of early season cotton variety test, Dyer County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	PHY 375 WRF	44.0	1651							
2	DP 444 BG/RR	39.9	1499							
3	PHY 370 WR	38.2	1438							
4	DP 445 BG/RR	39.3	1362							
5	ST 4427 B2RF	36.2	1257							
6	DP 121 RF	37.5	1239							
7	DG 2520 B2RF	37.2	1203							
8	CG 3035 B2RF	38.9	1170							
9	ST 4498 B2RF	34.5	1037							
10	DP 0935 B2RF	36.9	863							
11	DG 2383 B2RF	36.2	841							
12	AM 1532 B2RF	34.8	667							
<b>Mean</b>		<b>37.8</b>	<b>1186</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST12.** Results of early season cotton variety test, Dyer County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	ST 5327 B2RF	39.3	1413							
2	DG 2570 B2RF	36.2	1353							
3	ST 4554 B2RF	35.8	1298							
4	DG 2490 B2RF	40.8	1289							
5	FM 1740 B2RF	35.8	1239							
6	DP 161 B2RF	36.5	1160							
7	CG 3520 B2RF	34.1	1149							
8	DP 143 B2RF	37.7	1121							
9	DP 164 B2RF	35.6	1075							
10	CG 3220 B2RF	34.9	1064							
11	DP 141 B2RF	35.5	1052							
12	AM 1550 B2RF	36.3	982							
13	CG 4020 B2RF	33.8	943							
<b>Mean</b>		<b>36.3</b>	<b>1164</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST13.** Results of early season cotton variety test, Fayette County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DP 0935 B2RF	43.2	1064							
2	DP 445 BG/RR	44.3	1003							
3	CG 3035 B2RF	43.2	1001							
4	PHY 375 WRF	42.2	976							
5	DP 121 RF	42.1	956							
6	ST 4427 B2RF	40.7	955							
7	DG 2383 B2RF	39.6	945							
8	PHY 370 WR	40.8	899							
9	ST 4498 B2RF	40.0	882							
10	DP 444 BG/RR	42.1	867							
11	DG 2520 B2RF	42.1	860							
12	AM 1532 B2RF	40.8	805							
<b>Mean</b>		<b>41.8</b>	<b>935</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST14.** Results of early season cotton variety test, Fayette County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	AM 1550 B2RF	41.6	1057							
2	DG 2570 B2RF	42.4	1043							
3	FM 1740 B2RF	42.7	1005							
4	ST 4554 B2RF	41.7	975							
5	CG 3220 B2RF	40.8	973							
6	DP 141 B2RF	39.3	970							
7	DP 164 B2RF	42.0	966							
8	ST 5327 B2RF	40.9	962							
9	DP 161 B2RF	40.8	956							
10	CG 4020 B2RF	40.6	865							
11	DP 143 B2RF	39.4	850							
12	DG 2490 B2RF	37.8	760							
13	CG 3520 B2RF	40.5	642							
<b>Mean</b>		<b>40.8</b>	<b>925</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST15.** Results of early season cotton variety test, Gibson County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	ST 4427 B2RF	41.3	1138							
2	CG 3035 B2RF	43.2	1067							
3	DP 0935 B2RF	44.1	1043							
4	PHY 375 WRF	44.5	1037							
5	ST 4498 B2RF	41.7	970							
6	DG 2383 B2RF	39.8	950							
7	DP 444 BG/RR	42.9	927							
8	PHY 370 WR	41.6	907							
9	DP 121 RF	43.2	902							
10	DG 2520 B2RF	41.6	900							
11	DP 445 BG/RR	42.1	812							
12	AM 1532 B2RF	41.3	780							
<b>Mean</b>		<b>42.3</b>	<b>953</b>							

<b>Agent</b>		<b>Soil Type</b>
<b>Producer</b>	Griggs	<b>Tillage</b>
<b>Planting Date</b>		<b>Previous Crop</b>
<b>Defoliation Date</b>		<b>Fertilizer</b>
<b>Harvest Date</b>		<b>Row Spacing</b>

**Table CST16.** Results of early season cotton variety test, Gibson County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DG 2570 B2RF	43.8	1318							
2	FM 1740 B2RF	41.9	1231							
3	CG 3220 B2RF	40.5	1173							
4	ST 4554 B2RF	39.6	1157							
5	DP 161 B2RF	40.2	1138							
6	ST 5327 B2RF	40.5	1088							
7	DG 2490 B2RF	39.3	1083							
8	DP 143 B2RF	39.5	1066							
9	DP 164 B2RF	41.7	1055							
10	AM 1550 B2RF	42.3	1020							
11	CG 4020 B2RF	40.6	999							
12	CG 3520 B2RF	40.1	881							
13	DP 141 B2RF	29.7	776							
<b>Mean</b>		<b>40.0</b>	<b>1076</b>							

<b>Agent</b>		<b>Soil Type</b>
<b>Producer</b>	Griggs	<b>Tillage</b>
<b>Planting Date</b>		<b>Previous Crop</b>
<b>Defoliation Date</b>		<b>Fertilizer</b>
<b>Harvest Date</b>		<b>Row Spacing</b>



**Table CST17.** Results of early season cotton variety test, Gibson County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	PHY 375 WRF	41.0	1430							
2	PHY 370 WR	41.7	1378							
3	ST 4498 B2RF	37.1	1338							
4	DP 0935 B2RF	41.4	1312							
5	DG 2383 B2RF	38.9	1268							
6	DP 444 BG/RR	37.9	1252							
7	DP 121 RF	39.2	1252							
8	DG 2520 B2RF	37.7	1192							
9	DP 445 BG/RR	39.2	1185							
10	ST 4427 B2RF	37.7	1149							
11	CG 3035 B2RF	40.3	1143							
12	AM 1532 B2RF	37.5	1031							
<b>Mean</b>		<b>39.1</b>	<b>1244</b>							

<b>Agent</b>		<b>Soil Type</b>
<b>Producer</b>	Lucky	<b>Tillage</b>
<b>Planting Date</b>		<b>Previous Crop</b>
<b>Defoliation Date</b>		<b>Fertilizer</b>
<b>Harvest Date</b>		<b>Row Spacing</b>

**Table CST18.** Results of early season cotton variety test, Gibson County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	FM 1740 B2RF	41.0	1501							
2	DP 141 B2RF	36.2	1427							
3	ST 4554 B2RF	38.9	1418							
4	ST 5327 B2RF	40.2	1380							
5	DG 2490 B2RF	38.9	1309							
6	CG 3220 B2RF	37.9	1240							
7	DP 143 B2RF	38.7	1228							
8	DG 2570 B2RF	40.3	1225							
9	AM 1550 B2RF	40.3	1222							
10	CG 4020 B2RF	37.2	1214							
11	DP 161 B2RF	36.3	1182							
12	DP 164 B2RF	37.0	1180							
13	CG 3520 B2RF	36.5	1116							
<b>Mean</b>		<b>38.4</b>	<b>1280</b>							

<b>Agent</b>		<b>Soil Type</b>
<b>Producer</b>	Lucky	<b>Tillage</b>
<b>Planting Date</b>		<b>Previous Crop</b>
<b>Defoliation Date</b>		<b>Fertilizer</b>
<b>Harvest Date</b>		<b>Row Spacing</b>

**Table CST19.** Results of Liberty Link cotton variety test, Gibson County, 2008

	<b>Gin Turnout</b>	<b>Lint Yield</b>	<b>Mic</b>	<b>Length</b>	<b>Strength</b>	<b>Uniformity</b>	<b>HVI</b>	<b>Leaf</b>	<b>Loan Value</b>
<b>Rank</b>	<b>Variety</b>	<b>(%)</b>	<b>(lb./acre)</b>	<b>(inches)</b>	<b>(g/tex)</b>	<b>(%)</b>	<b>Color</b>	<b>Grade</b>	<b>(¢/lb.)</b>
1	FM 1735 LLB2	40.9	406						
2	FM 955 LLB2	39.4	398						
3	BCSX 0102 LLB2	39.0	378						
4	BCSX 0888 LLB2	39.4	354						
5	BCSX 0187 LLB2	40.5	339						
	<b>Mean</b>	<b>39.8</b>	<b>375</b>						

<b>Agent</b>		<b>Soil Type</b>
<b>Producer</b>	Milan REC	<b>Tillage</b>
<b>Planting Date</b>		<b>Previous Crop</b>
<b>Defoliation Date</b>		<b>Fertilizer</b>
<b>Harvest Date</b>		<b>Row Spacing</b>

**Table CST20.** Results of early season cotton variety test, Hardeman County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DG 2383 B2RF	39.1	1345							
2	CG 3035 B2RF	41.2	1333							
3	PHY 370 WR	40.2	1326							
4	PHY 375 WRF	41.2	1252							
5	DP 0935 B2RF	39.9	1249							
6	DP 121 RF	41.0	1235							
7	DP 445 BG/RR	41.2	1235							
8	ST 4427 B2RF	39.7	1232							
9	DG 2520 B2RF	39.5	1178							
10	ST 4498 B2RF	38.9	1164							
11	AM 1532 B2RF	37.7	1157							
12	DP 444 BG/RR	39.6	1151							
<b>Mean</b>		<b>39.9</b>	<b>1238</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST21.** Results of early season cotton variety test, Hardeman County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	FM 1740 B2RF	40.2	1542							
2	CG 3220 B2RF	41.7	1541							
3	DP 141 B2RF	38.1	1462							
4	ST 4554 B2RF	40.7	1453							
5	AM 1550 B2RF	40.3	1435							
6	CG 4020 B2RF	39.1	1402							
7	DP 161 B2RF	38.1	1396							
8	DG 2570 B2RF	39.7	1393							
9	DG 2490 B2RF	38.2	1384							
10	DP 143 B2RF	36.4	1312							
11	ST 5327 B2RF	39.6	1298							
12	DP 164 B2RF	37.7	1288							
13	CG 3520 B2RF	39.3	1258							
<b>Mean</b>		<b>39.2</b>	<b>1397</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST22.** Results of early season cotton variety test, Haywood County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DP 0935 B2RF	40.1	1573						
2	PHY 375 WRF	41.2	1469						
3	ST 4498 B2RF	36.1	1399						
4	DP 444 BG/RR	40.1	1350						
5	CG 3035 B2RF	41.5	1296						
6	DP 445 BG/RR	39.9	1257						
7	DG 2383 B2RF	36.5	1236						
8	DP 121 RF	39.9	1225						
9	PHY 370 WR	38.7	1184						
10	DG 2520 B2RF	37.3	1091						
11	ST 4427 B2RF	38.3	1070						
12	AM 1532 B2RF	38.0	1061						
<b>Mean</b>		<b>39.0</b>	<b>1268</b>						

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST23.** Results of early season cotton variety test, Lake County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DG 2520 B2RF	38.7	1457							
2	CG 3035 B2RF	38.6	1455							
3	PHY 375 WRF	38.2	1417							
4	DP 121 RF	37.5	1388							
5	ST 4427 B2RF	36.0	1384							
6	ST 4498 B2RF	37.3	1365							
7	PHY 370 WR	37.5	1302							
8	DG 2383 B2RF	36.6	1288							
9	DP 0935 B2RF	38.1	1273							
10	DP 445 BG/RR	39.5	1270							
11	DP 444 BG/RR	37.8	1255							
12	AM 1532 B2RF	34.4	1136							
<b>Mean</b>		<b>37.5</b>	<b>1333</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST24.** Results of early season cotton variety test, Lake County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DG 2490 B2RF	36.8	1382							
2	CG 3220 B2RF	39.9	1134							
3	DG 2570 B2RF	40.9	1112							
4	CG 4020 B2RF	38.9	1083							
5	ST 5327 B2RF	37.7	1077							
6	ST 4554 B2RF	37.9	1070							
7	DP 141 B2RF	36.9	1068							
8	AM 1550 B2RF	40.0	1066							
9	DP 164 B2RF	37.9	1044							
10	CG 3520 B2RF	37.3	1039							
11	FM 1740 B2RF	40.7	1039							
12	DP 161 B2RF	37.8	983							
13	DP 143 B2RF	36.1	934							
<b>Mean</b>		<b>38.4</b>	<b>1079</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST25.** Results of Liberty Link cotton variety test, Lake County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	BCSX 0102 LLB2	37.4	1148						
2	BCSX 0187 LLB2	37.4	1121						
3	BCSX 0888 LLB2	38.8	1112						
4	FM 955 LLB2	37.7	1015						
5	FM 1735 LLB2	36.4	954						
<b>Mean</b>		<b>37.5</b>	<b>1070</b>						

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST26.** Results of early season cotton variety test, Lauderdale County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	PHY 370 WR	43.7	1477							
2	DP 445 BG/RR	37.6	1293							
3	DP 0935 B2RF	39.9	1257							
4	PHY 375 WRF	37.0	1255							
5	DG 2520 B2RF	37.1	1243							
6	ST 4498 B2RF	35.5	1229							
7	ST 4427 B2RF	36.1	1219							
8	DP 121 RF	37.2	1204							
9	CG 3035 B2RF	39.3	1198							
10	DG 2383 B2RF	36.1	1100							
11	AM 1532 B2RF	36.6	1090							
12	DP 444 BG/RR	29.8	955							
<b>Mean</b>		<b>37.2</b>	<b>1210</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST27.** Results of early season cotton variety test, Lauderdale County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	FM 1740 B2RF	39.8	1574							
2	ST 4554 B2RF	37.2	1473							
3	DG 2490 B2RF	36.4	1450							
4	CG 3220 B2RF	37.0	1410							
5	DG 2570 B2RF	38.7	1399							
6	DP 161 B2RF	34.6	1381							
7	DP 143 B2RF	36.0	1378							
8	DP 141 B2RF	35.7	1370							
9	CG 4020 B2RF	34.9	1325							
10	ST 5327 B2RF	36.8	1298							
11	DP 164 B2RF	36.7	1291							
12	AM 1550 B2RF	36.6	1111							
13	CG 3520 B2RF	32.7	1086							
<b>Mean</b>		<b>36.4</b>	<b>1350</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST28.** Results of Liberty Link cotton variety test, Lauderdale County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	BCSX 0888 LLB2	40.0	1902						
2	BCSX 0102 LLB2	41.0	1797						
3	FM 1735 LLB2	42.2	1772						
4	BCSX 0187 LLB2	40.0	1659						
5	FM 955 LLB2	40.0	1600						
<b>Mean</b>		<b>40.6</b>	<b>1746</b>						

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>



**Table CST29.** Results of early season cotton variety test, Lincoln County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	AM 1532 B2RF	46.9	1864							
2	ST 4498 B2RF	40.6	1828							
3	PHY 375 WRF	41.4	1777							
4	DP 0935 B2RF	42.7	1752							
5	DP 445 BG/RR	41.6	1737							
6	DP 444 BG/RR	41.3	1706							
7	CG 3035 B2RF	42.5	1681							
8	ST 4427 B2RF	39.6	1610							
9	DG 2383 B2RF	38.8	1599							
10	DG 2520 B2RF	38.3	1553							
11	DP 121 RF	39.7	1498							
12	PHY 370 WR	38.0	1142							
<b>Mean</b>		<b>41.0</b>	<b>1645</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST30.** Results of early season cotton variety test, Lincoln County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	FM 1740 B2RF	42.3	1633							
2	DG 2570 B2RF	42.4	1628							
3	ST 5327 B2RF	40.0	1533							
4	ST 4554 B2RF	38.6	1527							
5	CG 3520 B2RF	38.0	1500							
6	AM 1550 B2RF	39.8	1457							
7	CG 3220 B2RF	40.7	1444							
8	DG 2490 B2RF	37.4	1372							
9	DP 143 B2RF	37.6	1346							
10	DP 141 B2RF	38.6	1322							
11	DP 161 B2RF	38.2	1319							
12	DP 164 B2RF	38.8	1304							
13	CG 4020 B2RF	32.8	1127							
<b>Mean</b>		<b>38.9</b>	<b>1424</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST31.** Results of early season cotton variety test, Madison County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DP 0935 B2RF	42.0	1875							
2	PHY 370 WR	38.7	1853							
3	DP 445 BG/RR	40.9	1716							
4	DP 121 RF	40.4	1709							
5	ST 4498 B2RF	39.3	1636							
6	DG 2383 B2RF	35.9	1576							
7	DP 444 BG/RR	40.6	1561							
8	ST 4427 B2RF	38.3	1388							
9	AM 1532 B2RF	38.3	1382							
10	DG 2520 B2RF	31.2	1377							
<b>Mean</b>		<b>38.6</b>	<b>1607</b>							

<b>Agent</b>		<b>Soil Type</b>
<b>Producer</b>	Stanford	<b>Tillage</b>
<b>Planting Date</b>		<b>Previous Crop</b>
<b>Defoliation Date</b>		<b>Fertilizer</b>
<b>Harvest Date</b>		<b>Row Spacing</b>

**Table CST32.** Results of early season cotton variety test, Madison County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DP 143 B2RF	39.3	1514							
2	CG 3220 B2RF	39.2	1477							
3	DP 161 B2RF	38.4	1427							
4	FM 1740 B2RF	41.0	1396							
5	CG 4020 B2RF	39.2	1393							
6	DP 164 B2RF	39.1	1370							
7	ST 5327 B2RF	40.0	1369							
8	DG 2490 B2RF	37.6	1349							
9	AM 1550 B2RF	40.5	1327							
10	CG 3520 B2RF	38.6	1316							
11	DP 141 B2RF	37.2	1295							
12	DG 2570 B2RF	41.9	1294							
13	ST 4554 B2RF	38.1	1230							
<b>Mean</b>		<b>39.2</b>	<b>1366</b>							

<b>Agent</b>		<b>Soil Type</b>
<b>Producer</b>	Stanford	<b>Tillage</b>
<b>Planting Date</b>		<b>Previous Crop</b>
<b>Defoliation Date</b>		<b>Fertilizer</b>
<b>Harvest Date</b>		<b>Row Spacing</b>

**Table CST33.** Results of early season cotton variety test, Madison County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	PHY 375 WRF	39.3	1646							
2	ST 4498 B2RF	37.8	1634							
3	DP 0935 B2RF	35.6	1590							
4	DG 2520 B2RF	36.0	1570							
5	CG 3035 B2RF	40.0	1566							
6	DP 445 BG/RR	37.9	1528							
7	PHY 370 WR	37.0	1517							
8	ST 4427 B2RF	36.4	1513							
9	DP 444 BG/RR	39.1	1459							
10	DP 121 RF	38.1	1397							
11	DG 2383 B2RF	36.0	1384							
12	AM 1532 B2RF	36.7	1202							
<b>Mean</b>		<b>37.5</b>	<b>1500</b>							

<b>Agent</b>		<b>Soil Type</b>
<b>Producer</b>	Griggs	<b>Tillage</b>
<b>Planting Date</b>		<b>Previous Crop</b>
<b>Defoliation Date</b>		<b>Fertilizer</b>
<b>Harvest Date</b>		<b>Row Spacing</b>

**Table CST34.** Results of early season cotton variety test, Madison County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	DG 2570 B2RF	39.7	1603							
2	ST 4554 B2RF	38.2	1563							
3	CG 4020 B2RF	39.1	1547							
4	FM 1740 B2RF	38.7	1531							
5	CG 3220 B2RF	39.5	1468							
6	ST 5327 B2RF	38.6	1437							
7	DG 2490 B2RF	36.1	1399							
8	AM 1550 B2RF	39.7	1394							
9	DP 161 B2RF	34.2	1392							
10	DP 141 B2RF	36.0	1367							
11	DP 164 B2RF	37.2	1359							
12	DP 143 B2RF	36.2	1341							
13	CG 3520 B2RF	37.4	1333							
<b>Mean</b>		<b>37.7</b>	<b>1441</b>							

<b>Agent</b>		<b>Soil Type</b>
<b>Producer</b>	Griggs	<b>Tillage</b>
<b>Planting Date</b>		<b>Previous Crop</b>
<b>Defoliation Date</b>		<b>Fertilizer</b>
<b>Harvest Date</b>		<b>Row Spacing</b>

**Table CST35.** Results of early season cotton variety test, Shelby County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	CG 3035 B2RF	41.1	1694							
2	DG 2520 B2RF	41.4	1652							
3	ST 4498 B2RF	42.5	1643							
4	DP 0935 B2RF	40.7	1619							
5	DP 444 BG/RR	43.7	1617							
6	PHY 370 WR	40.2	1561							
7	PHY 375 WRF	40.9	1505							
8	DG 2383 B2RF	38.7	1466							
9	DP 445 BG/RR	41.9	1453							
10	ST 4427 B2RF	38.5	1419							
11	DP 121 RF	42.0	1372							
12	AM 1532 B2RF	40.1	1323							
<b>Mean</b>		<b>41.0</b>	<b>1527</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST36.** Results of early season cotton variety test, Shelby County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	ST 5327 B2RF	40.6	1589							
2	CG 3520 B2RF	39.3	1520							
3	DG 2570 B2RF	38.0	1497							
4	DG 2490 B2RF	38.6	1282							
5	CG 4020 B2RF	38.9	1267							
6	DP 141 B2RF	38.0	1258							
7	DP 161 B2RF	39.3	1224							
8	AM 1550 B2RF	42.5	1214							
9	FM 1740 B2RF	42.6	1199							
10	DP 164 B2RF	39.1	1179							
11	ST 4554 B2RF	40.1	1178							
12	CG 3220 B2RF	40.2	1166							
13	DP 143 B2RF	38.6	1101							
<b>Mean</b>		<b>39.7</b>	<b>1283</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST37.** Results of early season cotton variety test, Tipton County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	PHY 375 WRF	39.1	1179							
2	CG 3035 B2RF	39.7	1148							
3	DG 2520 B2RF	39.1	976							
4	DP 445 BG/RR	39.7	956							
5	DP 444 BG/RR	40.5	910							
6	ST 4427 B2RF	38.4	902							
7	DG 2383 B2RF	36.1	887							
8	AM 1532 B2RF	37.8	885							
9	DP 121 RF	40.0	881							
10	PHY 370 WR	40.3	879							
11	ST 4498 B2RF	38.4	849							
12	DP 0935 B2RF	39.6	783							
<b>Mean</b>		<b>39.0</b>	<b>936</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST38.** Results of early season cotton variety test, Tipton County, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic	Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	ST 5327 B2RF	34.6	1023							
2	ST 4554 B2RF	35.6	965							
3	DG 2570 B2RF	36.4	889							
4	FM 1740 B2RF	37.5	889							
5	CG 3520 B2RF	33.6	871							
6	CG 4020 B2RF	35.6	853							
7	CG 3220 B2RF	36.9	829							
8	DP 164 B2RF	35.0	820							
9	AM 1550 B2RF	36.5	805							
10	DP 161 B2RF	35.8	763							
11	DP 143 B2RF	34.9	701							
12	DG 2490 B2RF	35.8	682							
13	DP 141 B2RF	34.8	653							
<b>Mean</b>		<b>35.6</b>	<b>826</b>							

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>

**Table CST39.** Results of early season cotton variety test, West TN AG Research Center, 2008

Rank	Variety	Gin Turnout (%)	Lint Yield (lb./acre)	Mic Length (inches)	Strength (g/tex)	Uniformity (%)	HVI Color	Leaf Grade	Loan Value (¢/lb.)
1	PHY 370 WR	41.2	2150						
2	DP 555 BG/RR	37.3	1858						
3	FM 1735 LLB2	42.3	1857						
4	ST 5327 B2RF	36.6	1823						
5	PHY 425 RF	35.7	1820						
6	DP 444 BG/RR	37.4	1818						
7	ST 4498 B2RF	35.5	1685						
8	PHY 745 WRF	38.3	1545						
9	ST 4554 B2RF	33.9	1526						
10	DP 0935 B2RF	37.1	1498						
11	FM 840 B2RF	36.1	1326						
<b>Mean</b>		<b>37.4</b>	<b>1719</b>						

<b>Agent</b>	<b>Soil Type</b>
<b>Producer</b>	<b>Tillage</b>
<b>Planting Date</b>	<b>Previous Crop</b>
<b>Defoliation Date</b>	<b>Fertilizer</b>
<b>Harvest Date</b>	<b>Row Spacing</b>