

Table 52. Results of the irrigated regional high quality strains test at the Texas Agricultural Experiment Station, Lubbock, TX, 2006.

Designation	Source	Yield	Agronomic Properties								% Open	
			% Turnout		% Lint		Boll Size	Seed Index	Lint Index	Seed Per Boll	Bolls 09-27-06	Storm Resistance
			Lint	Seed	Picked	Pulled						
CS 45	Oakley	1428	31.9	48.8	38.6	31.8	4.7	9.3	6.1	29.6	67	2.7
Deltapine 143B2RF	Keim	1418	30.5	46.2	37.6	30.0	5.3	9.7	6.3	31.4	68	2.8
Deltapine 147RF	Keim	1382	30.2	45.9	39.0	30.9	5.3	9.2	6.3	33.1	56	2.6
CS 44	Oakley	1378	31.9	47.1	40.9	31.8	4.8	10.3	7.5	25.9	81	2.6
FiberMax 960BR	Swindle	1378	30.9	44.4	39.7	31.6	5.5	10.4	7.3	30.0	72	2.8
Deltapine 455BR	Keim	1361	33.6	45.1	41.6	33.8	4.4	8.7	6.6	27.5	69	2.7
Deltapine 555BR	Keim	1348	32.5	44.9	42.2	34.1	4.5	7.6	5.9	32.3	49	2.7
Phytogen 485 WRF	McPherson	1342	29.0	46.3	36.9	27.7	4.3	9.7	6.2	25.6	84	2.7
Stoneville 4892BR	Robinson	1300	31.6	45.5	41.6	32.5	5.0	10.5	8.0	25.5	75	2.8
Phytogen 72	Mayhill	1250	31.5	47.9	38.3	29.7	4.6	10.1	6.7	26.0	76	2.5
FiberMax 958	Comm	1246	30.4	43.2	40.7	32.1	5.4	10.3	7.5	29.3	89	3.0
Deltapine 445BR	Keim	1237	32.7	44.8	41.3	31.5	4.5	8.9	6.8	27.7	75	2.6
FiberMax 960B2R	Swindle	1231	32.3	47.5	40.4	32.0	5.2	10.3	7.4	28.3	70	2.9
MD 391	Meridith	1222	29.8	45.5	38.3	30.3	5.3	10.1	6.6	30.4	51	2.8
NM 1155	Zhang	1214	30.6	51.5	35.8	29.1	4.4	8.8	5.4	29.0	85	2.4
FiberMax 9063B2F	Swindle	1197	30.1	46.0	39.8	30.6	5.5	11.3	7.9	27.8	87	3.0
CS 38	Oakley	1180	30.3	45.0	39.4	31.3	4.7	10.6	7.3	25.6	81	2.7
NM 03012	Zhang	1146	27.8	44.3	36.8	27.2	4.2	10.2	6.4	23.9	74	2.5
Phytogen 745 WRF	McPherson	1107	28.4	44.2	38.4	29.5	4.5	10.2	6.8	25.6	69	2.6
CS 37	Oakley	927	27.6	44.2	38.9	30.2	4.1	8.9	6.0	26.7	82	2.7
Mean		1264	30.7	45.9	39.3	30.9	4.8	9.8	6.7	28.0	73	2.7
C.V.%		20.7	4.6	4.4	2.6	2.5	7.8	5.7	4.2	6.6	20.3	2.9
LSD 0.05		309	2.5	3.5	1.7	1.3	0.7	1.0	0.5	3.2	18	0.1

Table 52A. Results of the irrigated regional high quality strains test at the Texas Agricultural Experiment Station, Lubbock, TX, 2006.

Designation	Source	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Leaf Index	Rd	+b	Color Grade ^{1/}	Loan Value	Gross Loan Value per Acre	
												\$	Rank
CS 45	Oakley	4.3	1.12	82.0	28.7	8.2	3	79.9	7.7	31-1	0.5578	796.54	1
Deltapine 143B2RF	Keim	3.8	1.15	79.8	26.2	7.5	4	78.9	7.7	31-1,31-2	0.5383	763.31	4
Deltapine 147RF	Keim	3.8	1.17	81.5	25.7	7.0	5	77.9	7.2	41-1	0.5078	701.78	8
CS 44	Oakley	4.4	1.13	80.9	25.3	7.4	3	79.3	8.0	21-2,31-1	0.5660	779.95	2
FiberMax 960BR	Swindle	4.4	1.11	81.7	27.9	7.4	4	77.8	8.0	31-1,41-1	0.5148	709.39	7
Deltapine 455BR	Keim	4.3	1.09	81.0	29.8	7.2	3	78.4	8.7	21-2	0.5645	768.28	3
Deltapine 555BR	Keim	4.0	1.11	80.5	26.4	6.8	3	81.8	7.5	21-2	0.5473	737.76	5
Phytogen 485 WRF	McPherson	4.1	1.10	81.9	28.7	8.5	5	75.7	8.1	31-2,41-1	0.5103	684.82	11
Stoneville 4892BR	Robinson	4.6	1.08	82.4	27.9	7.6	3	77.6	8.6	31-1,31-3	0.5308	690.04	9
Phytogen 72	Mayhill	4.2	1.18	82.2	32.9	7.7	3	77.5	8.4	31-1,31-2	0.5753	719.12	6
FiberMax 958	Comm	4.5	1.10	81.4	29.0	6.4	3	78.5	7.5	31-2	0.5455	679.69	12
Deltapine 445BR	Keim	4.5	1.10	82.1	28.4	8.6	3	79.4	7.9	31-1	0.5578	690.00	10
FiberMax 960B2R	Swindle	4.3	1.12	82.1	28.5	5.8	3	80.1	7.7	31-1	0.5453	671.26	13
MD 391	Meridith	3.8	1.17	81.4	25.7	7.9	3	79.2	7.8	21-2,31-2	0.5478	669.41	14
NM 1155	Zhang	3.8	1.20	83.0	31.2	6.9	4	76.9	7.7	31-2,41-1	0.5353	649.85	15
FiberMax 9063B2F	Swindle	4.5	1.13	81.0	29.1	6.7	3	79.3	7.3	31-1,41-1	0.5335	638.60	16
CS 38	Oakley	4.4	1.12	82.0	26.3	8.4	4	77.9	7.8	31-2	0.5343	630.47	19
NM 03012	Zhang	4.3	1.16	83.0	32.7	7.3	4	77.5	8.2	31-2	0.5528	633.51	18
Phytogen 745 WRF	McPherson	3.9	1.10	82.0	30.6	7.9	3	79.2	8.0	21-2,31-2	0.5758	637.41	17
CS 37	Oakley	4.0	1.12	81.0	30.0	7.6	3	79.5	7.6	31-1,31-2	0.5715	529.78	20
Mean		4.2	1.13	81.6	28.5	7.4	3	78.6	7.8		0.5460		
C.V.%		5.2	2.6	0.9	5.5	8.8	21.3	1.5	3.5		5.3		
LSD 0.05		0.4	0.05	1.3	2.7	1.1	1	2.0	0.5		0.0498		

^{1/} Fiber quality determinations are made on samples from two reps. If the color grades from these two samples are identical, only one color grade is reported. If they are different, both are reported.