

Table 50. Results of the irrigated regional breeder strains test at the Texas Agricultural Experiment Station, Lubbock, TX, 2006.

Designation	Source	Yield	Agronomic Properties								% Open Bolls 09-27-06	Storm Resistance
			% Turnout		% Lint		Boll Size	Seed Index	Lint Index	Seed Per Boll		
			Lint	Seed	Picked	Pulled						
AR 9720-47-09	Bourland	1763	33.5	47.4	41.5	33.0	5.3	11.0	8.2	26.9	72	2.7
PD90719	Campbell	1364	30.0	46.3	39.0	30.4	5.1	10.3	7.1	28.0	63	2.7
FiberMax 958	Check	1358	32.0	45.5	41.6	31.4	5.4	11.0	8.1	28.0	72	3.0
LA03404065	Myers	1357	29.6	43.7	39.7	32.4	5.7	10.5	7.2	31.3	57	2.7
AGC208	Percy	1345	31.2	48.0	38.5	29.7	4.8	10.1	6.6	28.0	63	2.7
AGC85	Percy	1330	31.5	46.2	40.2	30.5	5.0	9.3	6.5	30.8	68	2.7
8824-1-2-25-192-10	Wallace	1327	30.3	44.3	40.3	31.2	5.1	10.1	7.3	28.3	66	2.7
00WA-104	Smith	1321	32.6	47.0	38.7	28.2	4.8	9.9	6.6	27.9	72	2.9
PD97047	Campbell	1319	27.6	43.6	38.3	30.2	5.8	11.7	7.8	28.5	55	2.6
LA03404148	Myers	1307	29.0	43.3	39.4	31.3	5.6	11.1	7.5	29.1	63	2.8
Suregrow 105	Check	1257	31.4	45.4	39.0	29.1	4.7	10.4	7.1	25.8	84	2.7
AGC375	Percy	1256	30.2	43.9	41.2	32.8	5.0	9.2	6.9	29.9	42	2.7
PD99035	Campbell	1239	29.1	44.0	40.1	29.6	4.8	9.6	6.8	28.4	79	2.7
Deltapine 393	Check	1227	31.5	43.0	41.3	31.0	4.7	9.7	7.3	26.4	69	2.6
01WM-27	Smith	1214	29.3	45.5	38.4	29.7	5.6	10.3	6.8	31.1	65	2.9
AR 9715-33-03	Bourland	1203	28.9	45.1	37.1	28.5	5.3	10.5	6.8	28.8	71	2.6
LA00405016	Myers	1195	31.2	46.7	41.2	32.6	5.2	10.7	7.7	27.7	71	2.7
8824-1-2-25-192-8	Wallace	1177	30.2	43.4	41.0	30.0	4.6	9.4	6.9	27.0	80	2.6
GA200036	Chee	1165	31.5	41.8	41.8	33.8	4.6	9.6	7.4	26.1	73	2.7
PD98066	Campbell	1150	30.2	45.1	39.7	29.8	4.7	9.8	7.2	26.0	66	2.6
AR 9704-13-08	Bourland	1125	33.0	44.7	41.6	30.2	4.8	10.8	8.1	24.5	78	2.6
GA200035	Chee	1053	30.6	43.8	39.6	32.6	5.0	10.0	7.0	27.7	66	2.6
LA03404171	Myers	1026	27.6	43.3	37.8	30.3	5.0	10.0	6.6	28.6	68	2.6
AR 9706-38-06	Bourland	995	31.3	40.9	43.3	34.6	5.2	10.0	8.0	28.0	78	2.6
FiberMax 5013	Comm	950	27.7	45.9	37.9	29.1	5.4	10.9	7.0	28.9	81	3.1
Mean		1241	30.4	44.7	40.0	30.9	5.1	10.2	7.2	28.0	69	2.7
C.V.%		19.0	4.9	4.7	3.9	8.2	10.5	5.0	6.0	9.6	18.9	2.6
LSD 0.05		278	1.7	2.5	1.8	3.6	0.6	0.6	0.5	3.2	15	0.1

Table 50A. Results of the irrigated regional breeder strains test at the Texas Agricultural Experiment Station, Lubbock, TX, 2006.

Designation	Source	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Rd	+b	Color Grade <sup>1/</sup>
AR 9720-47-09	Bourland	4.6	1.10	80.3	28.7	5.5	81.0	8.1	21-1,21-2
PD90719	Campbell	4.2	1.12	80.6	31.0	5.7	78.5	8.4	21-2,31-1
FiberMax 958	Check	4.4	1.11	82.0	31.7	4.6	80.1	7.7	31-1
LA03404065	Myers	4.2	1.15	81.9	29.5	6.8	79.6	8.4	21-2,31-1
AGC208	Percy	4.0	1.19	81.7	32.2	5.1	80.5	7.7	21-2,31-1
AGC85	Percy	4.2	1.14	82.9	31.6	6.1	80.2	8.4	21-1,31-1
8824-1-2-25-192-10	Wallace	4.7	1.09	81.0	28.7	6.3	77.9	8.7	21-2,31-1,31-3
00WA-104	Smith	4.4	1.09	81.2	31.1	6.2	79.4	8.5	21-2
PD97047	Campbell	4.4	1.12	82.5	31.8	5.9	77.6	8.6	31-1,31-2
LA03404148	Myers	4.3	1.12	82.2	31.8	4.9	80.9	7.9	21-1,21-2,31-1
Suregrow 105	Check	4.8	1.11	81.4	29.3	6.6	79.1	8.4	21-2,31-1
AGC375	Percy	3.9	1.18	81.3	32.1	5.5	81.0	8.3	11-2,21-1,31-1
PD99035	Campbell	4.2	1.14	82.3	32.5	6.1	78.5	8.4	31-1
Deltapine 393	Check	4.7	1.11	82.5	29.9	7.0	78.3	8.6	21-2,31-1
01WM-27	Smith	3.9	1.11	80.3	29.6	6.5	80.1	7.8	21-2,31-1
AR 9715-33-03	Bourland	4.4	1.14	82.3	30.3	6.8	78.4	8.2	31-1
LA00405016	Myers	4.6	1.10	82.4	30.9	6.5	79.5	7.9	21-2,31-1
8824-1-2-25-192-8	Wallace	4.7	1.09	82.0	29.2	6.9	76.8	8.9	31-1,31-3
GA200036	Chee	4.7	1.10	82.3	29.8	5.9	78.4	8.8	21-1,21-2,31-1
PD98066	Campbell	4.3	1.13	81.4	30.8	6.0	78.5	8.1	31-1
AR 9704-13-08	Bourland	4.8	1.09	81.8	28.8	6.1	79.2	8.3	21-2,31-2
GA200035	Chee	4.6	1.12	82.4	30.6	6.1	78.5	8.3	21-2,31-1,31-2
LA03404171	Myers	4.4	1.14	82.1	30.2	6.4	77.1	8.2	21-2,31-2,41-1
AR 9706-38-06	Bourland	5.1	1.09	82.4	28.4	6.3	79.8	7.9	21-1,31-1
FiberMax 5013	Comm	4.7	1.05	82.3	29.9	6.6	77.7	8.0	31-1,31-2
Mean		4.4	1.12	81.8	30.4	6.1	79.1	8.3	
C.V.%		6.7	2.4	1.4	3.1	5.7	0.9	3.2	
LSD 0.05		0.4	0.03	1.4	1.1	0.4	0.8	0.3	

<sup>1/</sup> 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.