

Table 14. Results of the irrigated cotton variety test at the Dale Swinburn Farm, Tulia, TX, 2006.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Bolls	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	10-24-06	Resistance
FiberMax 958LL	1695	26.5	46.9	36.3	28.7	5.9	10.7	6.5	33.3	28	2.9
Paymaster 145	1555	25.3	52.1	34.9	29.1	6.9	11.1	6.3	38.6	40	3.0
AFD 3511RR	1553	26.5	49.5	31.4	25.2	5.4	11.3	5.4	31.0	43	3.0
FiberMax 960B2R	1553	27.1	49.8	36.1	27.5	5.4	11.2	6.7	29.3	38	2.9
Phytogen 425 RF	1544	25.5	53.3	33.6	22.6	4.3	9.9	5.3	27.2	34	2.6
Stoneville NG2448R	1525	25.4	47.4	34.7	27.8	6.5	11.5	6.4	35.4	31	3.1
FiberMax 960RR	1479	25.5	48.7	33.4	27.3	6.3	11.9	6.3	33.5	37	3.1
Deltapine 444 BG/RR	1477	27.5	45.8	36.9	28.9	4.9	10.2	6.3	29.0	34	2.7
Paymaster 2280 BG/RR	1446	23.8	50.4	33.6	25.6	5.6	10.9	5.8	32.3	45	2.9
Phytogen 370 WR	1435	27.5	51.0	36.2	29.5	5.1	10.4	6.2	30.1	43	2.6
FiberMax 9058RF	1428	24.1	43.6	37.4	31.2	6.3	11.0	6.7	34.9	26	2.8
Deltapine 432 RR	1414	24.1	48.3	32.6	25.8	4.7	10.2	5.3	29.4	37	2.8
Paymaster 2326 RR	1408	23.3	46.7	33.6	24.6	5.5	11.1	6.0	31.1	51	3.0
Phytogen 480 WR	1357	23.4	49.1	33.8	25.5	4.7	10.3	5.6	28.5	42	2.6
Americot 262R	1356	25.2	46.9	35.0	27.3	5.1	10.2	5.8	31.1	40	2.7
All-Tex 45039 B2/RF	1339	22.8	50.4	31.0	24.5	5.9	12.0	5.6	32.4	28	3.1
FiberMax 955LLB2	1293	21.0	38.0	32.8	26.2	6.3	11.2	6.1	34.8	30	2.8
All-Tex Summit B2/RF	1268	22.1	47.1	34.0	25.7	5.2	10.8	5.9	29.9	31	2.9
AFD 5062LL	1267	21.5	48.3	32.7	25.5	6.8	12.5	6.5	34.4	27	3.0
All-Tex 45007 RF	1249	22.4	48.9	33.8	26.8	6.3	12.0	6.5	33.1	46	2.9
Stoneville NG1553R	1248	23.9	47.7	33.7	26.4	5.5	11.1	5.9	30.9	55	3.0
All-Tex 45055 RF	1245	21.1	46.3	33.4	25.2	6.6	12.5	6.6	33.3	36	3.0
Phytogen 310 R	1233	25.0	39.7	37.5	29.0	5.1	10.1	6.5	29.7	27	2.6
Deltapine 117 B2RF	1199	22.0	40.9	35.5	27.3	5.8	10.9	6.4	32.7	45	2.9
All-Tex Excess	1195	19.9	45.1	32.3	26.9	6.9	12.2	6.1	36.4	35	3.1

Table 14A. Results of the irrigated cotton variety test at the Dale Swinburn Farm, Tulia, TX, 2006.

Designation	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Leaf Index	Rd	+b	Color Grade ^{1/}	Loan Value	Gross Loan Value per Acre	
											\$	Rank
FiberMax 958LL	3.4	1.19	82.1	27.9	5.9	3	77.7	10.2	13-2,21-1	0.5160	874.62	1
Paymaster 145	3.2	1.08	81.6	25.2	7.5	3	76.9	9.7	22-2,31-3	0.5070	788.38	5
AFD 3511RR	3.4	1.10	83.3	28.4	6.6	3	77.6	8.9	31-1,31-3	0.5495	853.37	2
FiberMax 960B2R	2.8	1.17	80.9	27.1	5.4	3	74.3	11.9	13-2,23-1	0.4388	681.46	13
Phytogen 425 RF	3.3	1.16	82.4	25.9	7.2	3	75.3	10.7	22-2	0.5170	798.25	4
Stoneville NG2448R	3.1	1.15	82.6	28.4	6.5	3	77.7	10.5	12-2,21-3	0.5138	783.54	6
FiberMax 960RR	2.6	1.20	80.9	28.4	5.5	3	77.3	10.1	21-4,22-1	0.4865	719.53	8
Deltapine 444 BG/RR	2.8	1.14	81.5	25.1	6.8	3	77.1	10.9	13-1	0.4680	691.24	11
Paymaster 2280 BG/RR	2.9	1.14	82.1	26.7	7.0	3	78.1	10.4	21-3	0.4993	721.99	7
Phytogen 370 WR	3.1	1.10	81.0	25.4	7.4	4	75.8	11.2	13-1,22-1	0.4740	680.19	16
FiberMax 9058RF	2.7	1.22	81.2	25.7	6.0	2	76.9	10.8	12-1,22-1	0.4608	658.02	18
Deltapine 432 RR	3.1	1.13	81.9	24.7	7.6	3	77.6	10.3	12-2,22-1	0.4995	706.29	9
Paymaster 2326 RR	3.7	1.10	83.7	26.6	7.4	3	79.0	9.4	21-1,21-3	0.5705	803.26	3
Phytogen 480 WR	3.1	1.19	83.1	26.8	7.4	3	76.8	10.4	13-2,21-1	0.5075	688.68	12
Americot 262R	3.2	1.11	81.4	25.5	6.4	3	78.2	10.2	21-1,22-1	0.5188	703.49	10
All-Tex 45039 B2/RF	2.6	1.11	80.5	25.2	6.9	3	77.6	10.2	12-2,21-3	0.4653	623.04	21
FiberMax 955LLB2	3.0	1.23	81.3	26.5	5.7	3	78.5	9.6	21-1,22-1	0.5108	660.46	17
All-Tex Summit B2/RF	2.9	1.12	82.1	22.8	7.6	3	78.4	10.1	11-3,22-1	0.4830	612.44	22
AFD 5062LL	3.3	1.11	81.2	27.0	6.9	3	77.7	9.7	21-1,22-1	0.5378	681.39	14
All-Tex 45007 RF	2.9	1.12	81.7	27.5	6.8	3	76.4	10.3	21-3,22-1	0.5060	631.99	19
Stoneville NG1553R	3.1	1.18	82.6	27.7	7.0	3	80.4	8.9	11-2,21-1	0.5455	680.78	15
All-Tex 45055 RF	3.0	1.13	83.2	31.2	7.0	3	77.4	10.0	11-4,22-2	0.5033	626.61	20
Phytogen 310 R	2.9	1.07	80.5	25.9	6.7	3	74.2	11.9	12-2,23-3	0.4495	554.23	26
Deltapine 117 B2RF	3.0	1.18	81.6	28.9	6.0	4	74.1	10.8	22-2,23-2	0.4700	563.53	24
All-Tex Excess	2.9	1.11	83.1	28.9	7.2	3	76.7	10.8	13-2,21-1	0.4658	556.63	25

Table 14A. Cont.

Designation	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Leaf Index	Rd	+b	Color Grade ^{1/}	Loan Value	Gross Loan Value per Acre	
											\$	Rank
Americot 821R	3.1	1.11	80.6	23.7	7.5	3	77.9	10.2	21-3,22-1	0.5095	606.31	23
Phytogen 470 WR	2.8	1.14	81.6	23.9	7.5	3	74.0	11.7	13-2,23-1	0.4240	501.59	29
Deltapine 147 RF	2.6	1.20	80.2	25.0	5.9	3	78.4	9.6	21-1,21-3	0.4688	553.65	27
Phytogen 440 W	2.8	1.15	82.2	26.7	7.6	3	72.0	12.3	23-1,24-2	0.4293	481.25	32
Beltwide Cotton Genetics 4630 B2RF	2.7	1.18	80.5	23.5	6.7	3	77.2	10.9	12-2	0.4415	493.60	30
Dyna-Gro OA265 BR	2.7	1.19	83.7	31.4	6.7	3	75.6	11.2	12-2,13-2	0.4540	507.57	28
All-Tex Marathon B2/RF	2.6	1.13	80.1	22.6	7.1	3	76.8	10.7	11-4,13-2	0.4430	490.84	31
Mean	3.0	1.14	81.7	26.4	6.8	3	76.8	10.4		0.4890		
C.V.%	5.9	1.6	0.8	4.1	3.3	15.7	2.5	8.9		7.8		
LSD 0.05	0.3	0.03	1.1	1.8	0.4	1	3.2	1.6		0.0642		

^{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.

Table 14. Cont.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Bolls	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	10-24-06	Resistance
Americot 821R	1190	22.7	46.2	34.5	26.7	4.8	10.1	5.5	29.5	27	2.8
Phytogen 470 WR	1183	20.1	43.4	34.5	27.0	5.0	10.9	6.0	28.2	44	2.7
Deltapine 147 RF	1181	22.6	45.5	32.6	24.7	5.0	9.7	5.0	32.4	20	2.8
Phytogen 440 W	1121	20.3	37.8	35.7	27.9	5.4	10.8	6.3	30.6	27	2.7
Beltwide Cotton Genetics 4630 B2RF	1118	20.0	41.8	33.8	25.5	4.9	10.8	5.8	28.5	36	2.7
Dyna-Gro OA265 BR	1118	22.7	47.6	33.8	26.3	5.9	12.1	6.5	30.8	26	2.6
All-Tex Marathon B2/RF	1108	20.8	46.1	33.6	25.2	5.1	10.5	5.6	30.8	37	2.9
Mean	1337	23.5	46.5	34.2	26.6	5.6	11.0	6.0	31.6	36	2.8
C.V.%	8.6	6.2	6.9	3.2	4.5	9.0	4.7	6.6	9.5	46.3	3.1
LSD 0.05	134	2.5	5.4	1.9	2.0	0.9	0.9	0.7	5.1	19	0.1