

Table 2. Results of the irrigated cotton variety test at the Donald Love Farm, Lamesa, TX, 2006.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll Size	Seed Index	Lint Index	Seed Per Boll	Bolls 10-02-06	Storm Resistance
		Lint	Seed	Picked	Pulled						
FiberMax 989BR	1622	31.3	52.1	37.1	29.0	5.1	9.8	6.1	30.7	62	2.8
Phytogen 440 W	1596	29.5	47.9	37.6	28.6	4.2	9.4	5.9	26.3	70	2.7
Stoneville 5599BR	1564	29.8	47.3	37.9	30.4	4.9	9.3	6.0	31.3	55	2.5
Deltapine 117 B2RF	1554	29.5	45.0	39.9	31.7	4.9	9.0	6.4	30.6	59	2.7
FiberMax 960B2R	1549	30.1	51.4	38.1	28.5	5.1	10.1	6.6	29.5	62	2.7
FiberMax 966LL	1538	28.4	50.5	37.3	26.9	5.4	10.3	6.5	30.9	62	2.8
FiberMax 955LLB2	1520	28.9	49.3	37.1	26.6	5.2	10.7	6.0	32.2	63	2.8
FiberMax 958	1519	29.6	44.3	39.0	29.6	4.8	10.1	6.8	27.4	60	3.0
FiberMax 989R	1495	30.6	48.4	38.8	31.3	5.3	9.7	6.4	31.7	72	2.5
Deltapine 445 BG/RR	1483	30.7	46.2	39.7	31.3	4.9	9.0	6.3	31.2	68	2.5
FiberMax 989B2R	1479	29.5	51.9	35.1	27.2	4.7	9.7	5.5	30.0	51	2.7
FiberMax 960 B2	1465	30.9	50.0	37.9	28.9	5.0	10.2	6.4	29.5	55	2.8
FiberMax 958LL	1456	32.2	51.3	37.7	29.7	5.3	10.2	6.5	30.9	63	3.0
FiberMax 5044RR	1451	32.5	56.9	34.8	27.0	5.1	10.0	5.6	31.7	53	3.2
Beltwide Cotton Genetics 24R	1448	30.8	49.8	37.3	29.4	4.3	8.2	5.1	31.4	62	2.8
All-Tex Warrior RR	1442	30.5	52.3	34.6	27.8	4.7	8.9	4.9	32.5	69	2.7
Phytogen 480 WR	1414	27.7	51.4	35.1	26.9	4.3	9.4	5.3	28.2	59	2.4
FiberMax x06724LL	1401	30.1	43.8	38.2	29.4	5.0	9.1	5.9	31.8	57	3.0
FiberMax 9058RF	1399	28.6	46.5	37.0	28.5	5.8	10.1	6.3	32.4	52	3.0
FiberMax 965LLB2	1392	30.2	52.2	33.7	24.6	4.6	10.7	5.8	27.2	60	2.7
Phytogen 370 WR	1365	28.1	44.4	38.6	29.6	4.6	9.5	6.3	28.6	59	2.3
Stoneville NG2448R	1359	28.0	48.7	36.2	29.1	5.3	10.1	6.0	32.0	61	2.9
Deltapine 434 RR	1357	29.7	45.8	39.2	28.7	4.2	9.1	6.1	27.1	66	2.8
Stoneville NG3969R	1350	26.5	46.1	35.5	27.0	4.0	9.3	5.3	26.6	57	3.1
Phytogen 470 WR	1344	26.7	47.7	37.1	26.4	4.1	9.2	5.7	26.6	60	2.8

Table 2. Cont.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Bolls	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	10-02-06	Resistance
Deltapine 444 BG/RR	1338	29.4	46.6	38.2	28.5	4.9	9.3	6.1	30.9	62	2.5
Phytogen 310 R	1338	29.4	43.3	38.7	30.0	4.8	9.2	6.1	30.4	68	2.3
NM 03K1028	1302	27.7	50.6	35.1	25.8	4.2	9.9	5.6	26.3	60	2.0
Beltwide Cotton Genetics 4360B2F	1296	28.3	49.2	37.5	25.1	4.1	9.3	5.8	26.6	70	2.6
Paymaster 2167 RR	1288	26.5	47.8	37.0	28.8	4.8	9.3	5.8	30.7	66	3.2
NM 03S1065	1284	29.7	53.1	36.0	28.7	5.1	10.5	6.2	29.7	63	2.3
Stoneville 4892BR	1279	26.5	42.7	38.7	31.8	5.1	10.0	6.6	30.0	55	2.8
Americot 821R	1272	28.8	50.1	37.8	29.4	4.9	9.6	6.1	30.0	51	2.6
Deltapine 455 BG/RR	1242	25.0	47.5	39.8	31.9	4.4	8.4	6.0	29.4	73	2.6
Acala 1517-99	1218	27.4	48.4	34.3	25.6	4.9	10.0	5.6	30.3	51	2.2
Paymaster 2266 RR	1211	26.6	51.9	33.3	24.8	5.3	11.5	6.1	28.9	58	3.1
Stoneville 5007B2RF	1205	26.9	52.6	37.1	27.4	5.2	10.5	6.2	29.6	75	2.6
Phytogen 72	1204	28.2	48.5	35.7	28.3	5.1	9.9	5.8	31.7	66	1.9
Paymaster 2326 RR	1185	27.6	52.4	34.5	26.4	4.6	10.4	5.8	27.3	63	3.2
All-Tex Excess RR	1157	27.8	50.1	35.6	26.8	5.4	10.3	6.1	31.7	78	2.8
Bronco 141	1143	26.0	51.2	31.3	23.7	5.4	10.4	5.2	32.5	71	3.3
All-Tex Titan B2RF	1133	24.6	48.1	33.0	24.4	4.8	9.9	5.1	30.7	64	2.6
Deltapine 555 BG/RR	1099	25.7	42.3	38.4	29.8	4.0	7.0	4.6	33.1	53	2.4
All-Tex Patriot RR	1096	25.1	51.8	35.6	26.7	4.4	9.3	5.4	29.1	66	2.9
Dyna-Gro OA265 BR	1067	25.0	47.7	32.8	24.7	4.7	10.4	5.5	28.1	64	2.7
All-Tex Atlas RR	1031	27.2	48.8	34.9	28.0	5.9	10.5	6.0	34.5	69	3.4
AFD 3511 RR	1013	26.6	54.0	32.8	26.2	4.9	10.7	5.5	29.4	56	3.3
NM 03N1155	927	24.1	48.0	33.7	28.3	5.0	9.8	5.3	31.6	67	2.1
Mean	1331	28.3	48.9	36.5	28.0	4.8	9.7	5.9	30.0	62	2.8
C.V.%	10.8	5.5	5.3	3.1	5.4	8.9	4.9	5.8	8.7	16.6	8.9
LSD 0.05	169	2.6	4.3	1.9	2.5	0.7	0.8	0.6	4.4	12	0.3

Table 2A. Results of the irrigated planted cotton variety test at the Donald Love Farm, Lamesa, TX, 2006.

Designation	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Leaf Index	Rd	+b	Color Grade <sup>1/</sup>	Loan Value	Gross Loan Value per Acre	
											\$	Rank
FiberMax 989BR	4.3	1.15	81.7	27.1	5.9	3	81.0	7.1	31-1	0.5735	930.22	1
Phytogen 440 W	4.4	1.14	82.7	26.2	7.9	4	78.5	7.3	31-2,41-1	0.5555	886.58	4
Stoneville 5599BR	4.1	1.13	81.4	27.5	6.3	3	77.8	7.7	31-2	0.5715	893.83	2
Deltapine 117 B2RF	3.8	1.14	82.0	29.5	6.7	4	78.4	7.3	31-2,41-1	0.5450	846.93	10
FiberMax 960B2R	3.7	1.17	82.5	28.8	5.5	3	81.0	7.0	31-1,31-2	0.5663	877.20	5
FiberMax 966LL	4.0	1.15	83.0	30.1	5.9	3	80.5	7.0	31-1,31-2	0.5783	889.43	3
FiberMax 955LLB2	4.3	1.23	82.7	27.0	6.1	3	81.1	7.1	31-1	0.5750	874.00	7
FiberMax 958	4.2	1.19	82.2	29.2	5.8	3	80.8	7.0	31-1,31-2	0.5768	876.16	6
FiberMax 989R	4.2	1.14	82.6	29.9	6.3	3	79.9	6.8	31-2,41-1	0.5625	840.94	12
Deltapine 445 BG/RR	4.2	1.15	81.9	26.9	7.8	3	80.6	7.6	31-1	0.5715	847.53	9
FiberMax 989B2R	4.2	1.17	82.6	30.1	6.0	3	80.5	7.4	31-1	0.5780	854.86	8
FiberMax 960 B2	4.1	1.20	82.4	31.1	5.6	3	81.0	7.2	31-1	0.5773	845.74	11
FiberMax 958LL	4.3	1.19	81.7	29.4	5.5	3	79.6	6.8	31-2	0.5738	835.45	13
FiberMax 5044RR	4.0	1.11	80.8	26.6	7.8	3	80.3	7.7	21-2,31-1	0.5753	834.76	14
Beltwide Cotton Genetics 24R	4.0	1.13	82.7	29.0	6.8	3	81.4	6.9	31-1	0.5750	832.60	15
All-Tex Warrior RR	4.1	1.16	81.4	27.0	6.6	3	79.4	7.8	31-1	0.5678	818.77	16
Phytogen 480 WR	4.3	1.16	82.6	24.5	8.5	3	78.7	7.4	31-1,41-1	0.5488	776.00	22
FiberMax x06724LL	4.1	1.16	82.0	27.0	5.7	3	80.6	6.7	31-1,41-1	0.5625	788.06	18
FiberMax 9058RF	3.9	1.19	81.6	26.7	6.1	4	81.2	6.9	31-1	0.5625	786.94	19
FiberMax 965LLB2	3.9	1.16	82.3	28.6	6.0	3	81.6	6.5	31-1,31-2	0.5770	803.18	17
Phytogen 370 WR	4.1	1.11	82.1	26.3	7.1	3	79.5	7.3	31-2	0.5625	767.81	23
Stoneville NG2448R	4.2	1.12	82.9	29.1	7.1	3	78.5	7.6	31-1,31-2	0.5730	778.71	20
Deltapine 434 RR	4.0	1.17	81.8	24.2	7.5	3	80.6	6.9	31-1,31-2	0.5613	761.68	25
Stoneville NG3969R	3.8	1.14	82.0	27.8	7.2	3	81.0	7.6	21-2,31-1	0.5758	777.33	21
Phytogen 470 WR	3.9	1.12	82.3	25.5	7.8	3	79.9	7.9	31-1	0.5670	762.05	24

Table 2A. Cont.

Designation	Micro- naire	Length	Uni- formity	Strength	Elongation	Leaf Index	Rd	+b	Color Grade <sup>1/</sup>	Loan Value	Gross Loan Value per Acre	
											\$	Rank
Deltapine 444 BG/RR	4.0	1.13	81.6	26.4	6.6	3	80.4	7.5	31-1	0.5648	755.70	26
Phytogen 310 R	4.1	1.09	82.0	27.4	7.6	3	79.4	7.5	21-2,41-1	0.5440	727.87	29
NM 03K1028	4.2	1.20	83.9	29.9	6.8	3	79.9	7.0	31-2	0.5795	754.51	27
Beltwide Cotton Genetics 4360B2F	4.0	1.17	81.3	23.8	6.8	3	80.0	7.5	31-1	0.5600	725.76	30
Paymaster 2167 RR	4.5	1.03	82.2	26.1	7.5	3	77.6	7.1	41-1	0.5043	649.54	38
NM 03S1065	4.2	1.23	84.8	31.1	6.3	3	79.5	7.4	31-1,31-2	0.5810	746.00	28
Stoneville 4892BR	4.4	1.10	81.9	26.1	7.0	3	78.5	7.8	31-1,31-2	0.5603	716.62	32
Americot 821R	4.1	1.12	82.0	25.2	7.4	3	79.4	7.6	31-1	0.5658	719.70	31
Deltapine 455 BG/RR	4.1	1.13	81.9	28.4	6.4	3	80.4	7.3	31-1	0.5760	715.39	33
Acala 1517-99	3.8	1.20	83.9	30.0	6.4	3	79.0	7.6	31-1,31-2	0.5783	704.37	35
Paymaster 2266 RR	4.3	1.09	82.5	27.4	7.5	3	79.2	7.6	31-1,31-2	0.5648	683.97	37
Stoneville 5007B2RF	4.0	1.23	82.9	26.6	7.0	3	80.2	7.1	31-1,31-2	0.5748	692.63	36
Phytogen 72	4.4	1.19	82.6	30.5	7.2	2	79.3	8.2	21-2,31-1	0.5863	705.91	34
Paymaster 2326 RR	4.5	1.07	82.0	26.3	7.6	3	79.0	8.1	21-2,31-1	0.5405	640.49	40
All-Tex Excess RR	4.4	1.08	82.3	27.6	7.3	3	78.6	7.6	31-2	0.5523	639.01	41
Bronco 141	3.6	1.12	81.3	26.8	6.2	3	79.7	7.7	31-1	0.5638	644.42	39
All-Tex Titan B2RF	4.0	1.23	83.1	25.3	7.2	3	78.8	7.1	31-1,41-1	0.5570	631.08	42
Deltapine 555 BG/RR	3.5	1.09	79.5	23.6	6.6	3	81.4	7.1	31-1	0.5260	578.07	45
All-Tex Patriot RR	3.9	1.17	82.2	26.5	6.7	3	80.2	7.3	31-1,31-2	0.5748	629.98	43
Dyna-Gro OA265 BR	3.7	1.19	83.6	32.4	6.0	3	80.0	7.5	31-1	0.5803	619.18	44
All-Tex Atlas RR	4.3	1.07	81.9	27.6	7.1	3	78.1	7.9	31-1,31-2	0.5533	570.45	46
AFD 3511 RR	4.3	1.08	82.0	27.7	6.8	3	79.5	7.9	31-1	0.5533	560.49	47
NM 03N1155	3.6	1.22	81.5	28.8	6.5	3	80.0	7.2	31-1,31-2	0.5630	521.90	48
Mean	4.1	1.15	82.2	27.6	6.7	3	79.8	7.3		0.5650		
C.V.%	4.8	1.3	1.0	6.1	5.9	13.3	1.0	2.9		2.3		
LSD 0.05	0.3	0.03	1.3	2.8	0.7	1	1.3	0.4		0.0218		

<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.