

Table 40. Results of the irrigated Round-Up Ready Flex test at the Texas Agricultural Experiment Station, Pecos, TX, 2006.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Bolls	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	10-06-06	Resistance
FiberMax 989	1582	29.1	39.3	39.8	29.4	4.7	9.3	6.5	29.0	70	2.6
Stoneville 5599BR	1573	36.2	48.1	39.4	31.6	4.9	9.1	6.4	29.9	78	2.0
Stoneville 4427B2RF (tested as x0504B2RF)	1445	32.2	46.4	37.7	27.2	3.7	8.4	5.6	24.9	91	2.5
Deltapine 164 B2RF	1394	31.1	47.8	37.5	28.6	4.0	8.5	5.5	27.3	82	2.5
Stoneville 4554B2RF	1380	31.4	44.4	40.0	31.0	4.1	8.5	6.2	26.0	81	2.4
Dyna-Gro 2520 B2RF	1357	32.5	46.7	39.6	29.1	4.0	8.8	6.2	25.8	92	2.7
Stoneville 5327B2RF (tested as x0505B2RF)	1348	29.2	39.0	41.8	32.5	4.2	7.9	6.1	28.6	86	2.5
Stoneville 6565B2RF	1297	29.1	43.8	39.2	30.1	4.0	7.8	5.3	29.6	61	2.0
FiberMax BCSx 0680B2F	1295	31.6	44.3	38.3	31.2	4.3	8.9	6.1	27.5	65	2.6
All-Tex Titan B2/RF	1280	29.4	45.8	36.4	26.5	3.8	8.5	5.3	26.2	93	2.6
Americot 1532B2RF	1280	28.7	38.9	39.6	30.6	4.5	8.9	6.2	28.9	94	2.7
FiberMax BCSx 0643B2F	1277	32.2	42.4	38.4	30.7	4.6	9.4	6.6	26.9	84	2.7
Phytogen 425 RF	1255	30.5	44.0	38.9	29.3	3.8	8.5	5.9	25.4	91	2.5
Deltapine 143 B2RF	1239	30.0	43.3	40.0	31.3	4.0	8.2	5.8	27.5	85	2.7
Stoneville 4357B2RF	1217	29.6	44.2	40.3	31.0	4.0	8.3	6.0	27.4	91	2.6
Deltapine 455 BG/RR	1204	32.0	41.2	43.0	34.2	3.5	7.0	5.6	27.2	90	2.6
All-Tex Apex B2/RF	1175	30.7	44.0	39.7	29.6	3.9	8.1	5.7	27.2	91	2.7
Phytogen 485 WRF	1164	27.2	40.4	38.5	26.7	3.6	7.9	5.4	25.2	92	2.6
Stoneville 4700B2RF	1155	28.3	40.6	38.5	29.8	3.6	8.1	5.6	25.3	97	2.5
Phytogen 745 WRF	1151	27.8	40.2	38.6	29.3	4.1	9.4	6.4	24.8	85	2.5
Stoneville NG3273B2RF	1139	30.0	43.9	37.9	28.4	4.1	8.6	5.7	27.1	97	2.7
All-Tex Atlas	1135	32.8	35.4	43.6	31.2	4.2	9.7	8.3	22.2	87	2.6
All-Tex 55066 B2/RF	1128	28.1	40.0	38.2	28.2	3.4	8.3	5.6	23.6	96	2.7
FiberMax 9063B2F	1119	29.5	43.4	39.9	30.6	4.6	10.2	7.1	25.7	86	2.8
Dyna-Gro 2242 B2RF	1115	28.5	42.4	38.5	28.0	3.5	8.6	5.8	23.3	96	2.6

Table 40A. Results of the irrigated Roundup Ready Flex test at the Texas Agricultural Experiment Station, Pecos, 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 989	4.7	1.13	81.3	29.4	5.8	2	82.8	7.5	21-1	0.5853	925.94	1
Stoneville 5599BR	4.6	1.09	80.6	27.1	6.0	4	79.1	7.5	31-1,31-2	0.5403	849.89	2
Stoneville 4427B2RF (tested as x0504B2RF)	4.9	1.07	81.2	26.1	6.1	4	79.7	7.1	31-2	0.5438	785.79	5
Deltapine 164 B2RF	4.6	1.13	80.6	26.6	6.2	2	82.7	7.1	21-2	0.5848	815.21	3
Stoneville 4554B2RF	4.7	1.10	81.9	29.2	7.8	3	80.5	7.7	21-1,31-1	0.5713	788.39	4
Dyna-Gro 2520 B2RF	4.6	1.11	80.7	25.5	6.8	3	80.9	7.3	21-2,31-1	0.5623	763.04	6
Stoneville 5327B2RF (tested as x0505B2RF)	4.7	1.09	81.8	28.1	6.9	3	80.2	7.7	31-1	0.5625	758.25	7
Stoneville 6565B2RF	4.9	1.12	81.9	27.2	5.7	2	81.7	7.6	21-1,21-2	0.5840	757.45	8
FiberMax BCSx 0680B2F	4.3	1.11	79.5	26.8	6.7	3	82.8	6.8	31-1	0.5655	732.32	10
All-Tex Titan B2/RF	4.7	1.14	82.0	26.3	6.6	3	81.2	7.0	31-1	0.5695	728.96	11
Americot 1532B2RF	4.6	1.11	80.3	26.0	6.9	3	80.8	7.1	31-1	0.5660	724.48	12
FiberMax BCSx 0643B2F	4.6	1.14	81.4	28.6	5.2	3	82.9	6.8	21-2,31-1	0.5743	733.38	9
Phytogen 425 RF	4.8	1.11	82.9	27.2	7.6	4	79.4	7.7	31-2,31-1	0.5565	698.41	14
Deltapine 143 B2RF	4.4	1.12	79.3	26.8	6.3	3	81.5	6.9	31-1	0.5665	701.89	13
Stoneville 4357B2RF	4.6	1.12	80.8	26.4	6.5	3	81.0	7.6	21-2,31-1	0.5735	697.95	15
Deltapine 455 BG/RR	4.6	1.07	80.8	27.4	6.3	3	80.8	7.9	21-2	0.5580	671.83	16
All-Tex Apex B2/RF	4.6	1.13	81.9	25.6	6.3	3	80.8	7.3	21-2,31-2	0.5650	663.88	17
Phytogen 485 WRF	4.8	1.11	82.7	28.4	7.8	4	78.4	7.3	31-2,41-1	0.5523	642.88	20
Stoneville 4700B2RF	4.7	1.11	81.6	25.4	7.5	4	79.3	7.2	31-2	0.5383	621.74	24
Phytogen 745 WRF	4.4	1.11	82.1	30.1	7.8	3	80.3	7.5	31-1	0.5695	655.49	18
Stoneville NG3273B2RF	4.5	1.09	81.6	26.5	6.8	3	81.8	6.8	31-1	0.5625	640.69	21
All-Tex Atlas	4.8	1.08	81.8	31.8	6.0	3	81.5	7.3	21-2,31-1	0.5578	633.10	22
All-Tex 55066 B2/RF	4.5	1.10	81.8	24.9	7.2	4	79.5	7.0	31-1,41-1	0.5430	612.50	26
FiberMax 9063B2F	4.6	1.15	81.6	30.1	6.1	3	83.4	6.7	21-1,31-1	0.5788	647.68	19
Dyna-Gro 2242 B2RF	4.6	1.09	81.7	25.3	7.0	4	79.9	7.1	31-1,31-2	0.5358	597.42	29

Table 40A. 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
Croplan Genetics 4020B2RF	4.7	1.10	80.0	25.3	6.6	3	81.4	7.2	31-1	0.5568	616.93	25
Croplan Genetics 3520B2RF	4.7	1.11	81.2	25.5	7.0	4	79.6	7.1	31-2	0.5495	602.25	28
Stoneville 6611B2RF	4.9	1.14	82.4	28.6	5.8	3	81.1	7.3	21-2,31-2	0.5748	629.98	23
Americot 1622B2RF	4.5	1.13	80.4	27.1	6.6	3	81.3	7.1	31-1,31-2	0.5705	605.30	27
Croplan Genetics 3020B2RF	4.6	1.08	81.4	24.7	7.1	3	81.5	7.3	31-1	0.5395	556.76	31
Phytogen 725 RF	4.5	1.15	81.4	33.3	7.1	3	79.0	8.3	31-1	0.5765	579.96	30
Dyna-Gro 2100 B2RF	4.6	1.05	81.8	24.6	7.3	3	81.1	7.3	31-1	0.5155	459.83	32
Paymaster HS 26	4.9	1.02	81.6	29.7	6.8	3	81.1	7.4	21-2,31-1	0.5095	389.77	33
Mean	4.6	1.10	81.3	27.3	6.6	3	80.8	7.3		0.5590		
C.V.%	2.9	1.5	0.9	3.2	3.8	13.9	1.0	2.4		2.4		
LSD 0.05	0.2	0.03	1.3	1.5	0.4	1	1.3	0.3		0.0229		

^{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 40. Cont.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll Size	Seed Index	Lint Index	Seed Per Boll	Bolls 10-06-06	Storm Resistance
		Lint	Seed	Picked	Pulled						
Croplan Genetics 4020B2RF	1108	31.4	45.9	40.9	31.6	4.0	8.3	6.2	26.6	94	2.6
Croplan Genetics 3520B2RF	1096	27.9	40.8	38.1	26.3	3.1	8.2	5.5	21.6	93	2.6
Stoneville 6611B2RF	1096	27.9	42.3	40.7	32.0	3.8	7.5	5.4	28.4	91	2.2
Americot 1622B2RF	1061	28.1	44.1	36.6	25.8	3.6	8.8	5.5	24.1	96	2.5
Croplan Genetics 3020B2RF	1032	30.6	44.2	38.9	28.9	3.8	8.5	5.8	25.6	96	2.7
Phytogen 725 RF	1006	24.4	41.8	38.1	28.8	4.1	9.4	6.2	25.5	84	2.1
Dyna-Gro 2100 B2RF	892	26.4	40.2	38.9	29.0	3.7	8.6	5.8	24.5	92	2.7
Paymaster HS 26	765	28.5	45.9	35.5	27.0	4.4	9.7	5.7	27.6	78	3.0
Mean	1205	29.8	42.9	39.1	29.5	4.0	8.6	5.9	26.2	87	2.6
C.V.%	12.2	5.5	5.6	2.7	5.1	7.2	3.5	4.7	6.9	9.2	10.2
LSD 0.05	173	2.8	4.1	1.8	2.6	0.5	0.5	0.5	3.1	10	0.3