

Table 38. Results of the irrigated Round-up Ready Flex test at the Texas Agricultural Experiment Station, Lubbock, TX, 2006.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll Size	Seed Index	Lint Index	Seed Per Boll	Bolls 09-25-06	Storm Resistance
		Lint	Seed	Picked	Pulled						
Deltapine X06W660F	1669	30.7	43.6	40.3	31.0	4.8	9.6	6.9	28.1	70	2.7
Stoneville 4554B2RF	1476	32.8	48.6	39.4	32.8	5.1	9.8	6.7	29.5	68	2.8
Stoneville 5599BR	1465	33.4	47.2	41.0	33.8	5.4	10.0	7.4	29.9	64	2.9
FiberMax 9058F	1456	32.0	46.9	39.4	29.7	5.1	10.1	7.2	28.1	80	3.0
All-Tex Apex B2RF	1439	29.6	44.6	41.6	29.8	4.5	9.5	6.6	28.6	68	2.8
Stoneville 4357B2RF	1436	30.5	45.7	40.2	30.2	4.7	9.1	6.4	29.3	70	2.6
Dyna-Gro 2520 B2RF	1415	28.7	42.4	39.6	29.8	4.5	9.4	6.5	27.4	68	2.9
Stoneville 4664RF	1408	31.0	43.1	38.8	29.3	4.8	9.1	6.2	30.0	66	2.7
FiberMax BCSX3000B2F	1388	29.3	47.8	38.1	31.3	5.4	10.4	7.0	28.9	72	3.1
Deltapine 117 B2RF	1362	32.2	43.9	40.1	30.8	4.8	9.6	6.8	28.2	74	2.9
Stoneville 4427B2RF(tested as X0504B2RF)	1359	28.4	46.3	39.0	29.1	4.3	9.2	6.4	26.3	83	2.7
Stoneville 5327B2RF(tested as X0505B2RF)	1359	32.4	43.8	39.9	30.2	4.6	8.9	6.5	28.4	71	2.6
Beltwide 4630B2F	1345	31.7	45.9	39.7	28.8	4.6	9.2	6.4	28.2	82	2.8
Stoneville NG3550RF	1345	29.6	46.4	37.6	30.8	5.1	10.1	6.3	30.0	71	2.9
Deltapine 143 B2RF	1334	28.9	44.9	37.5	30.0	5.4	9.5	6.1	32.9	56	2.8
Deltapine 455 BG/RR	1334	34.9	44.6	41.7	33.5	4.7	8.8	6.7	28.9	71	2.7
FiberMax 958	1333	32.7	45.6	40.9	32.1	5.1	9.9	7.2	29.0	83	3.0
Phytogen 485 WRF	1333	30.6	46.6	40.1	31.0	4.1	8.9	6.2	26.1	72	2.7
Croplan Genetics 3520B2RF	1328	29.7	45.6	37.7	26.9	4.2	9.2	5.9	26.3	78	2.8
Beltwide 1605RF	1327	29.0	45.9	37.6	29.7	5.2	9.7	6.3	30.9	64	2.9
Dyna-Gro 2242 B2RF	1319	27.1	42.5	37.7	28.4	4.4	9.7	6.3	26.6	67	2.8
Beltwide 2038B2F	1306	28.2	44.1	39.1	28.1	4.0	9.6	6.5	24.1	78	2.7
H&W Genetex 544RF	1295	27.8	48.4	33.0	26.7	5.3	12.3	6.5	27.2	61	2.8
All-Tex Marathon B2RF	1288	28.5	48.3	36.8	27.5	4.7	9.9	6.1	28.5	70	2.9
FiberMax 9063 B2F	1286	28.8	44.7	38.7	31.0	6.0	10.8	7.2	32.2	73	3.0

Table 38. Cont.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Bolls	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	09-25-06	Resistance
Stoneville NG3273B2RF	1274	28.4	48.6	38.8	30.4	4.8	9.5	6.3	29.7	77	2.9
Stoneville 4700B2RF	1263	27.4	41.9	37.2	28.3	4.6	9.3	6.0	28.2	69	2.7
Dyna-Gro 2100 B2RF	1258	29.6	45.1	40.9	29.9	4.7	9.8	7.1	26.9	80	2.8
Americot 1532B2RF	1252	27.5	40.1	38.9	30.9	5.2	9.7	8.3	25.2	79	2.8
Deltapine 110 RF	1248	30.4	43.4	39.8	30.1	4.5	9.3	6.5	27.6	84	2.7
FiberMax BCSX2109F	1242	31.5	42.9	41.4	30.8	4.4	9.4	7.0	25.8	85	3.1
Stoneville NG2448R	1242	30.0	47.5	36.9	26.9	4.8	10.2	6.4	27.5	87	3.1
Beltwide 3255B2F	1238	29.9	45.2	38.6	29.7	4.8	9.8	6.6	28.6	74	2.8
FiberMax BCSX2001F	1235	30.2	43.3	39.8	29.4	4.9	10.5	7.3	26.7	90	3.1
Croplan Genetics 3020B2RF	1227	27.4	42.2	38.7	29.3	4.8	9.6	6.4	28.9	74	2.9
Beltwide xBCG3563B2F	1221	26.1	47.4	37.0	27.6	5.2	9.8	5.7	33.3	59	3.1
All-Tex 55066 B2/RF	1198	27.2	43.5	38.2	29.2	4.0	9.2	6.2	24.7	85	2.7
Beltwide xBCG9650B2F	1198	27.7	50.5	33.4	26.2	5.1	11.8	6.2	27.4	76	2.9
Americot 1521B2RF	1197	26.4	47.0	36.0	28.4	4.6	8.9	5.4	30.6	70	2.8
Beltwide 4021B2F	1189	26.8	45.5	38.5	27.6	4.9	9.7	6.5	29.2	78	3.0
Beltwide 8245B2F	1184	28.5	47.3	37.5	30.3	5.3	10.3	6.5	30.9	72	3.0
All-Tex Summit B2RF	1180	29.7	46.4	38.8	30.7	4.7	9.7	6.5	27.9	77	2.7
Phytogen 425 RF	1173	28.0	37.7	38.1	29.2	3.7	9.3	6.1	22.9	89	2.7
Stoneville NG1572RF (tested as X0501RF)	1170	30.3	47.3	39.5	28.6	4.1	9.1	6.2	26.2	83	3.2
Americot 1504B2RF	1152	27.9	44.2	38.4	26.1	4.1	9.4	6.5	24.0	80	2.8
Beltwide xBCG3552B2F	1146	29.9	46.0	36.2	29.1	5.5	10.1	6.1	32.7	64	3.1
All-Tex 45039 B2/RF	1143	28.9	47.9	39.8	29.1	4.8	10.4	6.5	29.1	77	3.1
AFD 5065B2F	1141	29.2	49.2	37.7	29.1	4.4	9.8	5.9	27.8	80	3.1
All-Tex Atlas	1141	28.7	50.3	35.5	24.8	4.4	10.2	6.0	26.3	82	3.0
All-Tex Titan B2RF	1127	28.4	46.4	37.4	27.0	4.6	9.7	6.2	27.5	91	2.6

Table 38. Cont.

Designation	Yield	Agronomic Properties							% Open		
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Bolls	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	09-25-06	Resistance
H&W Genetex 540RF	1126	29.1	47.3	38.4	27.9	5.7	11.0	7.2	30.1	78	2.9
Deltapine 121RF (tested as X06W660F)	1120	31.7	43.4	42.3	32.8	4.7	9.0	7.0	28.6	73	2.7
H&W Genetex 551RF	1113	29.5	49.4	38.1	27.9	4.9	10.4	6.7	28.1	78	2.8
Beltwide xBCG8210B2F	1111	29.7	48.7	39.7	30.2	4.9	10.4	6.8	28.3	76	3.1
Deltapine 147 RF	1111	30.7	45.2	39.9	34.1	4.5	8.5	6.1	29.6	81	2.7
Americot 1622B2RF	1109	26.9	44.4	35.6	27.0	4.6	9.5	5.7	28.1	76	2.7
H&W Genetex 553RF	1109	26.2	48.4	33.6	24.7	6.1	12.6	6.8	30.4	63	2.7
All-Tex 45015 RF	1102	30.0	54.1	37.2	29.6	5.4	10.3	6.5	30.5	79	3.0
Beltwide 1505RF	1078	28.5	47.9	37.9	29.4	5.5	10.5	6.8	30.5	71	3.0
H&W Genetex 538RF	1077	29.0	49.3	35.1	25.5	5.0	11.9	6.9	25.4	73	2.9
Beltwide 9775B2F	1073	26.4	43.9	36.8	28.0	4.5	9.3	5.8	28.2	85	2.6
Croplan Genetics 4020B2RF	1056	28.0	43.8	40.9	30.6	4.2	9.1	6.6	26.1	83	2.9
Beltwide 6896B2F	1054	28.7	47.9	39.6	33.1	4.5	8.7	5.9	29.9	87	2.8
H&W Genetex 545RF	1044	26.7	47.2	35.8	28.8	5.5	11.8	6.9	28.6	56	2.8
Beltwide xBCG2720B2F	1039	29.2	47.1	37.7	29.8	5.2	9.9	6.4	30.2	65	2.9
H&W Genetex 548RF	1038	26.7	51.6	31.7	23.5	5.2	12.8	6.2	26.5	70	2.7
Beltwide xBCG1830B2F	1033	28.3	47.5	36.4	27.2	4.5	10.2	6.1	26.5	63	2.9
Beltwide xBCG3220B2F	1025	26.8	44.0	37.0	27.7	4.8	10.2	6.6	27.0	85	2.8
H&W Genetex 558RF	1006	27.2	44.6	38.9	28.4	6.1	11.9	8.0	29.7	66	2.8
Beltwide xBCG6950B2F	993	29.7	47.8	37.2	26.4	4.6	9.9	6.1	28.0	72	2.6
H&W Genetex 557RF	950	27.4	45.0	37.2	28.5	5.8	11.7	7.3	29.5	77	2.9
H&W Genetex 542RF	910	24.5	47.1	35.6	26.5	5.7	12.6	7.2	28.0	64	2.9
Beltwide xBCG4130B2F	909	27.3	51.1	32.7	24.6	5.0	11.8	6.2	26.4	81	3.1
Beltwide xBCG3001B2F	812	31.0	48.2	38.8	30.8	4.8	9.9	6.3	29.3	66	2.9
Stoneville 5283RF (tested as X0503RF)	743	32.1	44.3	38.8	27.9	4.1	8.6	5.9	26.5	77	2.7
Mean	1202	29.1	46.0	38.1	29.0	4.8	10.0	6.5	28.2	74	2.8
C.V.%	20.6	5.2	5.8	3.4	5.3	8.6	5.0	6.5	8.6	19.1	4.1
LSD 0.05	289	2.5	4.4	2.1	2.6	0.7	0.8	0.7	4.1	17	0.1

Table 38A. Results of the irrigated Roundup Ready Flex test at the Texas Agricultural Experiment Station, Lubbock, TX, 2006.

Designation	Micro-		Uni-		Elon-		Leaf		Color	Loan	Gross Loan Value per Acre	
	naire	Length	formity	Strength	gation	Index	Rd	+b			Grade ^{1/}	Value
Deltapine X06W660F	4.6	1.10	82.1	28.7	7.3	4	78.3	7.8	31-2	0.5300	884.57	1
Stoneville 4554B2RF	4.5	1.14	82.4	30.3	8.2	4	78.1	8.5	21-2,31-2	0.5495	811.06	3
Stoneville 5599BR	4.2	1.06	79.4	26.2	6.7	4	77.5	8.5	31-1,31-3	0.5115	749.35	10
FiberMax 9058F	4.1	1.14	80.1	28.4	5.8	3	79.7	7.4	31-1,31-2	0.5670	825.55	2
All-Tex Apex B2RF	4.3	1.16	81.5	26.1	7.7	3	78.8	8.1	31-1	0.5623	809.15	4
Stoneville 4357B2RF	4.1	1.13	80.7	25.9	7.5	4	78.6	8.2	31-1	0.5400	775.44	5
Dyna-Gro 2520 B2RF	4.3	1.12	81.1	27.3	7.1	3	78.6	8.2	31-1	0.5443	770.18	6
Stoneville 4664RF	4.6	1.08	81.9	28.6	8.5	3	77.4	8.5	31-1,31-3	0.5455	768.06	7
FiberMax BCSX3000B2F	3.9	1.15	82.1	31.3	6.3	4	79.7	7.3	31-1,31-2	0.5318	738.14	12
Deltapine 117 B2RF	4.5	1.07	81.2	31.0	7.1	5	75.5	7.5	41-1	0.4985	678.96	28
Stoneville 4427B2RF(tested as X0504B2RF)	4.5	1.12	81.8	29.2	6.2	4	76.8	7.9	31-2	0.5255	714.15	18
Stoneville 5327B2RF(tested as X0505B2RF)	4.5	1.11	82.9	31.0	7.4	3	77.6	8.2	31-1,31-2	0.5625	764.44	9
Beltwide 4630B2F	4.5	1.13	82.3	27.4	7.0	3	79.1	8.0	31-1	0.5693	765.71	8
Stoneville NG3550RF	4.5	1.07	81.2	29.2	7.2	4	76.9	8.3	31-2,31-4	0.5353	719.98	14
Deltapine 143 B2RF	3.8	1.15	80.0	28.2	6.9	4	78.0	7.9	31-1,31-2	0.5270	703.02	23
Deltapine 455 BG/RR	4.4	1.07	80.6	30.2	6.9	3	78.2	8.7	21-2,31-1	0.5363	715.42	17
FiberMax 958	4.4	1.12	81.7	31.5	5.9	3	79.8	7.6	31-1	0.5615	748.48	11
Phytogen 485 WRF	4.7	1.09	83.0	30.0	8.0	4	74.5	7.9	41-1	0.5310	707.82	21
Croplan Genetics 3520B2RF	4.3	1.15	82.4	27.7	7.8	4	77.0	7.8	31-2,41-1	0.5520	733.06	13
Beltwide 1605RF	3.7	1.16	81.1	32.7	6.0	5	78.4	6.9	41-1	0.4908	651.29	38
Dyna-Gro 2242 B2RF	3.9	1.13	81.3	27.4	7.4	4	77.3	8.3	21-2,41-1	0.5335	703.69	22
Beltwide 2038B2F	4.2	1.14	82.9	27.8	7.9	4	77.3	8.0	31-1,31-2	0.5478	715.43	16
H&W Genetex 544RF	4.5	1.12	81.6	31.2	6.2	4	77.8	8.0	31-2	0.5350	692.82	26
All-Tex Marathon B2RF	3.8	1.11	79.9	27.1	7.4	4	79.8	7.5	31-1	0.5238	674.65	31
FiberMax 9063 B2F	4.3	1.15	81.1	29.7	6.4	3	79.7	7.7	31-1	0.5568	716.04	15

Table 38A. Cont.

Designation	Micro-	Uni-	Elon-	Leaf	Rd	+b	Color	Loan	Gross Loan Value per Acre			
	naire	Length	formity	Strength					gation	Index	Grade ^{1/}	Value
Stoneville NG3273B2RF	3.9	1.13	81.1	26.3	7.5	4	80.5	7.6	31-1	0.5568	709.36	20
Stoneville 4700B2RF	4.4	1.12	81.7	27.1	7.7	4	77.6	8.1	31-1,31-2	0.5505	695.28	24
Dyna-Gro 2100 B2RF	4.3	1.09	81.9	27.1	7.5	4	78.7	8.2	31-1	0.5393	678.44	29
Americot 1532B2RF	4.2	1.14	81.4	27.4	7.2	3	78.6	7.9	31-1,31-2	0.5670	709.88	19
Deltapine 110 RF	4.5	1.11	82.4	34.0	8.1	4	75.9	8.0	41-1	0.5333	665.56	32
FiberMax BCSX2109F	4.2	1.14	80.9	29.4	5.9	4	77.5	7.1	41-1	0.5263	653.66	37
Stoneville NG2448R	4.5	1.07	82.7	32.5	7.1	3	77.8	8.3	31-1,31-2	0.5305	658.88	35
Beltwide 3255B2F	4.2	1.10	81.9	27.1	7.2	3	79.4	8.1	21-2,31-1	0.5595	692.66	27
FiberMax BCSX2001F	4.2	1.15	81.3	31.4	6.1	4	79.3	7.2	31-1,31-2	0.5613	693.21	25
Croplan Genetics 3020B2RF	4.1	1.08	81.4	26.8	7.8	3	79.5	8.2	21-2,31-1	0.5405	663.19	33
Beltwide xBCG3563B2F	3.3	1.14	81.2	30.2	6.6	5	78.6	7.0	31-1,41-1	0.4968	606.59	53
All-Tex 55066 B2/RF	4.1	1.13	81.5	26.9	7.8	4	76.7	7.8	31-1,41-1	0.5230	626.55	45
Beltwide xBCG9650B2F	3.7	1.16	82.1	28.2	7.4	5	79.3	6.8	31-2	0.5208	623.92	47
Americot 1521B2RF	3.8	1.13	81.2	26.4	7.2	3	80.2	7.4	31-1,31-2	0.5528	661.70	34
Beltwide 4021B2F	3.6	1.14	81.4	27.4	7.1	3	80.3	7.8	21-2,31-1	0.5538	658.47	36
Beltwide 8245B2F	3.8	1.11	81.3	28.6	6.6	4	80.0	7.3	31-2	0.5200	615.68	50
All-Tex Summit B2RF	4.2	1.12	82.7	27.9	7.3	3	79.8	8.0	21-2,31-1	0.5720	674.96	30
Phytogen 425 RF	4.5	1.10	83.1	28.5	8.5	4	76.8	8.5	31-1,31-2	0.5165	605.85	54
Stoneville NG1572RF (tested as X0501RF)	3.7	1.09	79.9	27.4	6.8	5	77.6	7.2	41-1	0.4915	575.06	63
Americot 1504B2RF	4.1	1.10	82.7	26.7	8.0	3	78.9	8.1	31-1	0.5478	631.07	41
Beltwide xBCG3552B2F	3.8	1.15	81.1	29.7	6.7	4	79.2	7.6	31-1,31-2	0.5485	628.58	44
All-Tex 45039 B2/RF	4.2	1.06	81.1	29.3	7.3	4	78.1	7.9	31-1,31-2	0.5240	598.93	55
AFD 5065B2F	4.4	1.10	82.0	29.0	7.8	4	79.2	7.3	31-1,31-2	0.5465	623.56	48
All-Tex Atlas	4.0	1.17	83.3	30.8	7.0	4	78.8	7.8	31-1,31-2	0.5678	647.86	39
All-Tex Titan B2RF	4.3	1.15	82.2	28.2	7.3	4	78.6	7.7	31-2	0.5580	628.87	43

Table 38A. Cont.

Micro-	Uni-	Elon-	Leaf	Color	Loan	Gross Loan Value per Acre
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Designation	naire	Length	formity	Strength	gation	Index	Rd	+b	Grade ^{1/}	Value	\$	Rank
H&W Genetex 540RF	4.3	1.09	81.3	30.7	6.4	3	77.9	8.0	31-1,31-2	0.5480	617.05	49
Deltapine 121RF (tested as X06W660F)	4.6	1.12	81.1	28.1	7.7	3	78.3	8.2	31-1	0.5658	633.70	40
H&W Genetex 551RF	4.7	1.08	81.9	32.4	6.6	4	76.5	8.0	31-2,41-1	0.5195	578.20	59
Beltwide xBCG8210B2F	4.1	1.12	81.1	27.8	6.8	4	79.2	7.4	31-1,31-2	0.5460	606.61	52
Deltapine 147 RF	3.9	1.14	81.3	31.2	6.2	4	77.4	7.7	31-2	0.5628	625.27	46
Americot 1622B2RF	4.2	1.19	83.1	29.4	6.9	4	78.3	7.7	31-1,41-1	0.5485	608.29	51
H&W Genetex 553RF	4.2	1.22	83.5	31.5	5.9	4	78.8	7.3	31-2	0.5688	630.80	42
All-Tex 45015 RF	4.4	1.06	82.3	33.7	6.6	4	77.1	7.5	31-2,41-1	0.5223	575.57	62
Beltwide 1505RF	4.1	1.11	82.0	31.6	6.5	3	79.5	7.9	31-1	0.5375	579.43	58
H&W Genetex 538RF	4.0	1.17	81.5	30.5	6.1	4	77.8	7.4	31-2,41-1	0.5483	590.52	57
Beltwide 9775B2F	4.4	1.15	82.5	27.6	7.3	4	78.7	7.7	31-1,31-2	0.5580	598.73	56
Croplan Genetics 4020B2RF	3.9	1.16	79.9	26.1	7.5	4	79.1	8.0	31-1	0.5463	576.89	61
Beltwide 6896B2F	3.9	1.09	80.7	27.8	6.4	4	79.5	7.0	31-1,31-2	0.5190	547.03	70
H&W Genetex 545RF	4.2	1.16	83.4	32.7	6.2	4	76.9	7.9	31-2,41-1	0.5423	566.16	64
Beltwide xBCG2720B2F	4.8	1.06	81.5	31.1	7.0	3	77.7	7.8	31-2	0.5433	564.49	65
H&W Genetex 548RF	5.0	1.11	82.9	29.1	6.9	3	77.5	8.2	31-1,31-2	0.5415	562.08	67
Beltwide xBCG1830B2F	3.7	1.14	81.7	28.6	6.7	4	79.9	7.4	31-1	0.5400	557.82	68
Beltwide xBCG3220B2F	4.2	1.12	82.6	30.4	6.8	4	79.4	7.3	31-1,31-2	0.5495	563.24	66
H&W Genetex 558RF	4.2	1.15	82.6	30.1	7.1	3	79.2	7.6	31-1,31-2	0.5740	577.44	60
Beltwide xBCG6950B2F	4.3	1.11	82.2	28.5	7.5	4	78.6	8.0	31-1	0.5570	553.10	69
H&W Genetex 557RF	4.5	1.13	82.1	29.9	6.6	3	78.4	8.5	31-1	0.5595	531.52	71
H&W Genetex 542RF	4.0	1.15	83.6	34.3	6.5	3	79.3	7.9	31-1	0.5668	515.79	72
Beltwide xBCG4130B2F	3.8	1.17	82.1	29.2	6.6	4	78.6	6.6	41-1	0.5208	473.41	73
Beltwide xBCG3001B2F	3.8	1.12	80.7	28.8	6.6	4	80.5	7.2	31-1,31-2	0.5358	435.07	74
Stoneville 5283RF (tested as X0503RF)	4.4	1.09	82.0	29.2	7.6	3	77.5	8.4	31-1,31-2	0.5590	415.34	75
Mean	4.2	1.12	81.7	29.2	7.0	4	78.4	7.8		0.5420		
C.V.%	5.5	2.7	1.1	5.2	5.0	13.9	1.1	2.9		5.0		
LSD 0.05	0.4	0.05	1.5	2.5	0.6	1	1.4	0.4		0.0452		

^{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.