

Table 44. Results of the dryland Roundup Ready Flex test at the Texas Agricultural Experiment Station, Halfway, TX, 2006.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Bolls	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	11-01-06	Resistance
Paymaster 2140 B2RF	939	28.7	45.7	37.7	27.3	5.4	10.4	6.7	30.6	65	3.1
Stoneville 4664RF	932	26.4	42.9	39.0	29.1	5.3	9.5	6.4	31.7	39	2.6
FiberMax 989	879	25.0	42.2	36.4	26.3	5.1	9.7	5.9	31.6	63	2.9
Stoneville 5327B2RF (tested as x0505B2RF)	878	31.9	47.9	39.1	27.5	4.7	9.5	6.6	28.0	49	2.7
AFD 5064F	869	25.7	43.3	34.3	25.6	5.2	10.4	5.7	30.9	69	2.9
FiberMax x2001F	869	28.5	46.9	36.9	27.9	5.7	10.8	6.7	31.3	64	3.0
FiberMax x2109F	859	28.1	47.1	36.8	26.4	4.8	11.0	6.8	26.2	52	3.0
FiberMax 9058F	819	26.9	44.9	38.1	28.1	5.4	10.9	7.1	29.0	71	3.0
Stoneville 4554B2RF	801	25.9	43.6	37.4	26.7	4.7	10.0	6.3	28.1	18	2.9
Stoneville 5283RF (tested as x0503RF)	797	27.3	41.4	38.5	26.8	4.3	9.2	6.2	27.1	48	2.7
Phytogen 425 RF	782	24.4	43.7	35.9	25.4	4.6	9.7	5.8	28.4	65	2.7
Dyna-Gro 2242 B2RF	770	25.3	44.1	37.1	27.2	4.4	9.6	6.0	27.3	53	2.8
Stoneville NG3550RF	762	26.7	46.3	35.8	26.1	5.1	9.9	5.8	31.6	45	3.0
Deltapine x04V282DF	747	27.6	43.7	39.0	27.4	4.7	10.4	7.0	26.5	76	3.0
Beltwide BW-1505RF	745	29.7	52.4	36.9	27.7	5.7	10.9	6.6	32.0	79	2.7
Phytogen 485 WRF	741	24.3	43.9	34.7	24.4	4.2	9.4	5.3	27.5	53	2.6
Stoneville NG3273B2RF	738	24.2	47.4	34.0	26.5	5.5	9.8	5.3	34.7	55	2.9
Dyna-Gro 2100 B2RF	723	26.2	46.2	36.1	25.8	4.7	10.1	6.0	28.1	62	2.8
Stoneville NG2448R	721	26.9	45.0	37.5	28.5	5.3	11.0	6.9	28.9	71	3.2
Stoneville 4427B2RF (tested as x0504B2RF)	691	24.5	43.7	35.9	27.2	4.5	10.1	6.0	26.9	60	2.6
FiberMax 958	673	27.6	42.7	38.3	26.5	5.1	10.7	7.0	27.8	66	3.0
Deltapine x04V294DF	670	27.1	43.8	37.8	28.0	4.5	11.1	7.1	24.2	69	3.1
Stoneville 4700B2RF	666	26.2	44.7	37.3	27.0	4.0	9.5	5.9	25.2	49	2.9
Deltapine 444 BG/RR	660	27.2	41.0	38.6	28.2	4.6	9.3	6.3	28.2	74	2.6
Americot 1532B2RF	659	24.0	42.4	36.2	25.6	4.5	9.9	6.0	27.4	54	2.8

Table 44A. Results of the dryland Roundup Ready Flex test at the Texas Agricultural Experiment Station, Halfway, TX, 2006.

Designation	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Leaf Index	Rd	+b	Color Grade ^L	Loan Value	Gross Loan Value per Acre	
											\$	Rank
Paymaster 2140 B2RF	3.7	1.08	80.8	26.8	6.9	3	80.8	7.3	31-1,31-2	0.5340	501.43	2
Stoneville 4664RF	3.5	1.10	81.3	24.6	8.1	3	79.4	9.2	21-1,21-3	0.5453	508.22	1
FiberMax 989	2.9	1.16	81.1	28.6	5.9	2	83.0	7.7	11-2,21-1	0.5348	470.09	6
Stoneville 5327B2RF (tested as x0505B2RF)	3.4	1.12	82.1	28.6	7.3	3	77.8	9.7	21-3	0.5458	479.21	5
AFD 5064F	3.7	1.10	81.8	27.4	7.1	3	81.2	7.9	21-1,21-2	0.5675	493.16	3
FiberMax x2001F	3.3	1.22	82.0	29.3	6.2	3	83.0	7.1	21-1,21-2	0.5515	479.25	4
FiberMax x2109F	3.0	1.17	81.3	29.8	5.9	3	82.1	7.7	21-1,21-2	0.5288	454.24	8
FiberMax 9058F	3.3	1.19	81.1	27.7	5.8	3	82.3	7.7	21-1,21-2	0.5463	447.42	10
Stoneville 4554B2RF	3.5	1.12	81.8	27.5	7.7	3	77.9	9.8	21-3	0.5658	453.21	9
Stoneville 5283RF (tested as x0503RF)	3.3	1.13	82.4	28.1	7.0	3	79.3	9.3	21-1	0.5513	439.39	11
Phytogen 425 RF	3.6	1.15	83.2	28.8	7.7	3	78.6	8.8	21-2	0.5808	454.19	7
Dyna-Gro 2242 B2RF	3.5	1.13	81.3	24.0	7.6	3	81.3	8.4	21-1	0.5570	428.89	12
Stoneville NG3550RF	3.5	1.13	81.2	28.0	6.9	3	82.3	7.8	11-2,21-1	0.5580	425.20	13
Deltapine x04V282DF	4.0	1.06	82.0	26.1	7.6	3	81.5	8.3	21-1	0.5348	399.50	17
Beltwide BW-1505RF	3.7	1.11	82.4	29.4	6.4	3	82.8	7.5	21-1,21-2	0.5660	421.67	14
Phytogen 485 WRF	3.5	1.13	82.9	28.2	7.4	4	79.0	8.7	21-2	0.5490	406.81	16
Stoneville NG3273B2RF	2.8	1.13	81.2	26.2	7.3	3	82.3	8.2	21-1	0.4930	363.83	26
Dyna-Gro 2100 B2RF	3.2	1.11	82.5	24.3	7.6	3	81.2	7.9	21-2	0.5293	382.68	19
Stoneville NG2448R	3.8	1.11	83.4	29.5	7.3	3	82.5	7.9	11-2,21-1	0.5828	420.20	15
Stoneville 4427B2RF (tested as x0504B2RF)	3.4	1.15	82.3	26.4	6.3	3	80.7	8.6	21-1	0.5463	377.49	20
FiberMax 958	3.8	1.17	82.4	29.7	5.4	3	82.4	7.6	21-1,21-2	0.5723	385.16	18
Deltapine x04V294DF	4.4	1.09	82.8	24.5	7.8	3	81.0	8.1	21-1,21-2	0.5565	372.86	22
Stoneville 4700B2RF	3.7	1.13	81.6	24.5	7.7	3	80.0	8.5	21-1,21-2	0.5650	376.29	21
Americot 1532B2RF	3.4	1.14	81.4	25.9	6.9	3	80.8	8.4	21-1	0.5628	371.45	23
Deltapine 444 BG/RR	3.4	1.13	82.7	26.1	7.0	3	83.0	7.6	21-1	0.5468	360.34	27

Table 44A. 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
Dyna-Gro 2520 B2RF	3.5	1.15	81.5	24.0	7.3	2	81.5	8.6	21-1	0.5543	365.28	25
AFD 5065B2F	3.8	1.13	81.0	25.8	7.9	3	82.8	7.1	21-2	0.5738	366.66	24
Stoneville NG1572RF (tested as x0501RF)	3.9	1.14	82.5	27.5	6.9	4	81.2	7.3	21-2,31-1	0.5540	351.24	28
Dyna-Gro 06064 B2RF	3.0	1.11	80.7	23.4	8.1	3	81.9	7.7	21-1,21-2	0.5060	306.64	31
All-Tex 45005	3.9	1.12	82.8	32.4	7.5	3	81.5	7.8	21-2	0.5845	336.09	29
All-Tex 45039B2/RF	3.7	1.09	80.9	27.3	7.0	3	81.4	7.8	21-1,31-1	0.5645	323.46	30
Stoneville 4357B2RF	3.5	1.16	81.4	24.0	6.9	3	81.2	8.5	11-2,21-1	0.5553	302.64	32
Deltapine x07835DF	3.7	1.13	82.5	26.4	6.6	4	80.2	7.7	31-1	0.5453	276.47	33
Mean	3.5	1.13	81.9	27.0	7.0	3	81.1	8.1		0.5520		
C.V. %	8.5	1.7	0.8	4.1	3.8	11.8	0.8	3.2		3.4		
LSD 0.05	0.5	0.03	1.1	1.9	0.5	1	1.1	0.4		0.0318		

^{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 44. Cont.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Bolls	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	11-01-06	Resistance
Dyna-Gro 2520 B2RF	659	25.0	43.8	36.5	27.5	5.0	10.4	6.3	29.1	64	2.9
AFD 5065B2F	639	24.8	45.2	34.5	26.1	4.8	10.9	6.0	27.5	57	3.0
Stoneville NG1572RF (tested as x0501RF)	634	27.3	41.5	37.4	27.6	4.6	10.4	6.5	26.6	74	3.1
Dyna-Gro 06064 B2RF	606	24.5	47.4	35.6	26.7	4.5	9.9	5.8	27.7	42	2.9
All-Tex 45005	575	24.4	46.1	34.1	24.4	6.0	12.3	6.7	30.3	73	3.0
All-Tex 45039B2/RF	573	25.7	48.5	32.8	23.1	5.1	10.9	5.7	29.6	73	3.1
Stoneville 4357B2RF	545	25.2	45.4	35.7	23.0	4.3	10.4	6.2	24.6	44	2.8
Deltapine x07835DF	507	26.7	43.5	38.3	28.5	4.7	11.3	7.5	23.9	53	3.0
Mean	731	26.3	44.8	36.6	26.7	4.9	10.3	6.3	28.4	59	2.9
C.V. %	14.6	3.7	4.7	2.5	5.4	8.0	3.2	4.5	7.8	19.1	2.6
LSD 0.05	180	1.6	3.6	1.5	2.4	0.7	0.5	0.5	3.8	19	0.1