

Table 46. Results of the dryland Roundup 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 10-01-06	Storm Resistance
		Lint	Seed	Picked	Pulled						
Stoneville 5599BR	545	32.0	47.1	38.8	30.7	4.6	9.4	6.4	28.1	0	2.9
FiberMax 989	532	28.4	42.8	38.2	29.9	4.4	9.2	6.1	27.6	5	2.8
Stoneville 4664RF	490	31.1	43.3	36.8	27.7	4.0	8.6	5.8	25.6	15	2.7
AFD 5064F	486	31.6	45.6	38.5	26.7	4.0	9.2	6.3	24.5	41	2.9
FiberMax BCSX 2109F	478	32.6	44.6	40.2	29.5	4.1	9.6	7.0	23.5	46	3.0
Stoneville 5327B2RF (tested as X0505B2RF)	470	31.9	41.6	40.5	28.4	3.2	7.9	6.0	21.4	21	2.8
FiberMax 9058F	468	31.5	43.5	41.3	28.5	3.9	9.4	7.0	22.9	20	3.1
Croplan Genetics 4020B2RF	460	30.8	43.1	37.1	26.7	3.7	9.0	6.0	23.0	14	2.8
Dyna-Gro 2100 B2RF	457	31.5	43.9	40.2	32.2	4.6	9.0	6.5	28.2	26	2.8
Stoneville NG2448R	445	30.5	45.1	36.3	28.1	4.1	9.4	5.8	25.9	44	3.0
Stoneville NG3550RF	440	31.7	45.3	39.7	33.6	4.2	8.9	6.2	26.8	51	2.8
Deltapine 147 RF	437	31.9	46.8	37.6	26.1	3.1	7.5	5.0	22.9	23	2.7
Beltwide Cotton Genetics 1505RF	435	30.9	46.8	37.3	27.6	4.8	9.7	6.1	28.9	33	2.8
Stoneville NG1572RF (tested as X0501RF)	435	32.4	47.7	38.7	29.4	3.9	8.4	5.7	26.3	70	3.0
Croplan Genetics 3520B2RF	433	27.9	40.9	37.5	27.0	3.4	8.8	5.8	22.0	46	2.7
Stoneville 4554B2RF	433	30.2	42.3	39.3	27.2	3.8	9.0	6.2	24.1	5	2.8
Dyna-Gro 2242 B2RF	431	31.0	45.6	39.7	28.1	3.2	8.1	5.7	22.1	42	2.7
FiberMax 958	431	30.2	41.2	40.3	28.3	4.1	9.5	6.8	24.2	30	3.0
Stoneville 5283RF (tested as X0503RF)	428	32.0	42.9	41.3	29.2	3.7	8.5	6.4	24.0	20	2.8
Stoneville NG3273B2RF	422	29.5	46.7	37.8	26.8	3.9	9.0	5.8	25.4	41	2.8
Stoneville 4357B2RF	419	29.6	42.3	35.9	26.9	4.1	9.0	5.7	25.9	38	2.3
Stoneville 4427B2RF (tested as X0504B2RF)	408	31.1	44.2	36.9	26.4	3.7	8.5	5.5	25.0	24	2.8
Bronco 141	402	29.7	45.7	37.5	27.5	4.3	9.4	6.1	26.6	52	3.2

Table 46A. Results of the dryland Roundup Ready Flex test at the Texas Agricultural Experiment Station, Lubbock, TX, 2006.

Designation	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Leaf Index	Rd	+b	Color Grade ^{1/2}	Loan Value	Gross Loan Value per Acre	
											\$	Rank
Stoneville 5599BR	4.4	1.02	80.7	29.4	6.6	3	78.7	9.1	21-1,21-4	0.5128	279.48	2
FiberMax 989	4.3	1.06	81.3	29.3	6.4	2	80.9	8.4	21-1	0.5513	293.29	1
Stoneville 4664RF	4.7	1.01	82.1	27.0	9.0	3	79.7	8.8	21-1	0.5015	245.74	5
AFD 5064F	5.0	1.00	80.7	28.5	8.2	3	80.7	8.2	21-1,21-2	0.4965	241.30	8
FiberMax BCSX 2109F	4.2	1.05	80.4	27.2	6.4	3	81.3	7.7	21-2	0.5465	261.23	3
Stoneville 5327B2RF (tested as X0505B2RF)	4.7	1.03	82.1	28.9	8.0	3	79.5	9.1	21-1	0.5190	243.93	6
FiberMax 9058F	4.3	1.07	80.3	26.8	6.2	2	82.0	7.9	21-1	0.5540	259.27	4
Croplan Genetics 4020B2RF	4.4	1.04	80.0	25.4	7.5	3	79.9	8.7	21-1,21-2	0.5268	242.33	7
Dyna-Gro 2100 B2RF	4.9	1.02	81.5	26.1	7.8	3	80.6	8.8	21-1	0.5123	234.12	10
Stoneville NG2448R	4.4	0.99	80.9	30.5	8.3	3	79.8	8.7	21-1	0.5050	224.72	15
Stoneville NG3550RF	4.4	1.01	79.6	29.1	7.7	3	80.4	8.3	21-1	0.5098	224.31	16
Deltapine 147 RF	3.7	1.04	79.9	27.4	6.9	3	81.0	8.1	21-1	0.5205	227.46	13
Beltwide Cotton Genetics 1505RF	4.5	0.99	80.2	29.0	7.0	2	80.7	8.6	21-1,21-2	0.5043	219.37	18
Stoneville NG1572RF (tested as X0501RF)	3.9	1.03	80.3	27.9	7.4	3	80.5	7.9	21-2	0.5195	225.98	14
Croplan Genetics 3520B2RF	4.4	1.05	81.2	27.5	8.2	3	79.8	8.4	21-2	0.5315	230.14	12
Stoneville 4554B2RF	5.0	1.02	81.7	28.6	8.7	3	78.6	8.9	21-1,21-2	0.4983	215.76	22
Dyna-Gro 2242 B2RF	4.7	1.03	81.2	25.9	8.9	3	79.6	8.6	21-1,31-1	0.5168	222.74	17
FiberMax 958	4.9	1.07	81.7	30.8	6.1	2	81.2	8.1	21-1,21-2	0.5515	237.70	9
Stoneville 5283RF (tested as X0503RF)	4.2	1.00	80.3	29.1	7.5	3	79.5	9.1	21-1,21-3	0.5108	218.62	20
Stoneville NG3273B2RF	4.1	1.03	80.7	27.3	7.6	3	81.0	8.0	21-1,21-2	0.5195	219.23	19
Stoneville 4357B2RF	4.3	1.07	80.8	26.3	7.9	3	79.8	8.6	21-1	0.5565	233.17	11
Stoneville 4427B2RF (tested as X0504B2RF)	4.5	1.02	80.9	27.6	6.8	3	79.4	8.8	21-1,21-2	0.5103	208.20	25
Bronco 141	4.6	1.00	80.0	27.8	6.9	2	79.8	8.7	21-2	0.5110	205.42	27
Stoneville 4700B2RF	4.5	1.05	81.7	27.4	7.9	3	79.9	8.5	21-1,31-1	0.5300	207.23	26
FiberMax BCSX 2001F	4.4	1.08	80.9	28.9	6.7	3	82.3	7.8	11-2,21-1	0.5583	217.74	21

Table 46A. Cont.

Designation	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Leaf		Color Grade ^{1/}	Loan Value	Gross Loan Value per Acre		
						Rd	+b			\$	Rank	
Phytogen 425 RF	4.5	1.02	81.9	28.8	8.5	3	78.7	9.0	21-2,21-4	0.5185	200.14	28
Dyna-Gro 06064 B2RF	4.0	0.99	80.5	26.1	8.7	3	80.4	8.2	21-1,31-1	0.4930	189.80	32
Americot 1532B2RF	4.6	1.06	81.5	26.3	7.9	3	80.0	8.7	21-1	0.5455	208.38	24
Dyna-Gro 2520 B2RF	4.8	1.07	81.3	26.8	7.7	3	79.9	8.7	21-1	0.5555	212.20	23
Deltapine 143 B2RF	4.0	1.05	79.1	25.5	7.1	3	80.6	8.5	21-1	0.5228	196.05	29
Croplan Genetics 3020B2RF	4.5	1.05	82.0	26.2	7.9	3	80.6	8.6	21-1	0.5330	193.48	31
All-Tex 45009 RF	4.4	1.00	80.9	31.3	8.3	3	78.7	8.7	21-2,31-1	0.5118	183.22	33
Phytogen 485 WRF	4.9	1.01	80.2	27.8	8.6	3	78.0	9.3	21-2,21-4	0.4983	177.89	34
Beltwide Cotton Genetics 1605RF	3.7	1.08	80.9	29.5	6.0	3	81.5	7.7	21-2	0.5578	195.79	30
All-Tex Atlas	4.7	0.94	80.3	30.5	8.1	3	79.9	8.3	21-1,31-1	0.4923	172.30	35
All-Tex 45007 RF	4.7	0.97	79.6	31.5	8.3	3	79.1	8.9	21-1,21-4	0.5030	170.52	36
Mean	4.4	1.03	80.8	28.0	7.6	3	80.1	8.5		0.5220		
C.V.%	6.3	1.8	0.8	3.6	3.8	11.4	0.7	2.9		2.8		
LSD 0.05	0.5	0.03	1.0	1.7	0.5	1	0.9	0.4		0.0243		

^{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 46. Cont.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Bolls	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	10-01-06	Resistance
Stoneville 4700B2RF	391	27.8	40.9	40.6	29.8	3.6	8.8	6.2	23.4	41	2.8
FiberMax BCSX 2001F	390	32.1	44.0	40.0	28.6	5.5	9.5	6.7	32.9	18	3.0
Phytogen 425 RF	386	30.7	46.6	37.9	27.2	3.3	8.2	5.4	23.4	22	2.7
Dyna-Gro 06064 B2RF	385	28.0	42.2	37.7	27.7	4.0	8.8	5.7	26.3	29	2.8
Americot 1532B2RF	382	29.5	41.5	36.8	26.0	3.7	8.7	5.8	23.1	21	2.8
Dyna-Gro 2520 B2RF	382	31.9	43.2	39.0	28.8	4.2	9.0	6.1	26.6	24	2.8
Deltapine 143 B2RF	375	31.3	45.8	37.3	27.6	3.6	8.3	5.5	25.0	33	2.9
Croplan Genetics 3020B2RF	363	29.6	44.0	38.9	27.4	3.8	9.1	6.3	23.6	46	2.8
All-Tex 45009 RF	358	29.6	46.1	37.7	27.8	5.1	10.9	7.0	27.4	53	3.0
Phytogen 485 WRF	357	28.7	42.2	38.1	27.8	3.7	8.5	5.6	24.6	32	2.7
Beltwide Cotton Genetics 1605RF	351	30.4	45.0	37.0	26.9	3.2	8.1	5.2	22.9	40	3.0
All-Tex Atlas	350	27.5	43.9	36.0	27.3	3.9	9.2	5.6	24.9	59	3.0
All-Tex 45007 RF	339	29.0	43.9	40.1	26.1	4.4	9.6	6.4	27.1	60	2.9
Mean	422	30.4	44.1	38.4	28.1	3.9	8.9	6.0	25.1	33	2.8
C.V.%	14.4	6.0	5.3	3.4	7.7	12.7	5.0	6.8	11.3	59.2	6.3
LSD 0.05	71	3.1	3.9	2.2	3.7	0.8	0.7	0.7	4.8	23	0.2