

Table 42. Results of the dryland Round-up Ready Flex test at the AG-CARES Farm, Lamesa, TX, 2006.

Designation	Yield	Agronomic Properties								
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	Resistance
Deltapine 143 B2RF	252	32.5	44.9	39.0	29.6	3.7	7.9	5.5	25.9	2.8
Stoneville 4664RF	243	29.1	39.9	39.6	28.7	3.7	8.5	6.1	23.8	2.7
Stoneville 4427B2RF (tested as x0504B2RF)	227	27.0	37.2	39.0	27.1	3.3	8.4	5.9	21.7	2.8
Stoneville 5283RF (tested as x0503RF)	225	30.5	40.0	41.7	27.8	3.1	7.9	6.2	21.0	2.7
Stoneville 5327B2RF (tested as x0505B2RF)	211	28.8	37.7	41.6	28.1	3.0	7.8	6.1	20.6	2.7
Phytogen 485 WRF	210	29.4	43.4	38.6	27.5	2.9	8.1	5.5	20.4	2.8
Croplan Genetics 4020B2RF	209	28.8	41.0	40.3	28.0	3.2	8.5	6.1	21.4	2.8
Stoneville 5599BR	208	28.5	38.8	40.4	31.7	3.9	9.1	6.5	24.1	2.9
Stoneville 4700 B2RF	207	29.2	42.7	38.5	27.0	3.0	8.2	5.5	20.9	2.8
Deltapine 147 RF	206	30.5	40.0	40.7	29.1	3.6	8.3	6.3	23.4	2.9
FiberMax x2001F	206	30.7	43.5	39.3	30.3	3.9	9.6	6.6	23.6	3.0
FiberMax 958	203	27.2	38.1	39.5	27.1	3.8	9.3	6.5	22.8	3.0
Croplan Genetics 3520B2RF	200	27.7	39.3	39.6	25.5	2.5	7.8	5.5	18.3	2.8
FiberMax x2109F	199	29.0	38.7	40.5	27.5	3.3	9.2	6.7	19.7	3.0
FiberMax x3000B2F	199	30.3	45.2	38.9	30.6	3.4	9.1	6.2	21.4	2.9
Americot 1532B2RF	198	29.2	42.6	40.4	28.2	2.9	8.2	5.9	19.8	2.9
Stoneville 4554 B2RF	197	30.8	42.8	39.5	29.0	3.3	9.5	6.7	19.4	2.8
Stoneville 6611 B2RF	197	28.1	42.1	39.0	28.9	3.2	8.0	5.4	23.1	2.7
Croplan Genetics 3020B2RF	195	28.7	43.0	38.1	26.4	3.3	8.6	5.6	21.9	2.8
Dyna-Gro 2242 B2RF	191	26.7	38.4	38.6	27.3	3.0	8.1	5.5	21.2	2.8
FiberMax 9058F	191	28.2	39.7	39.5	27.4	3.3	9.4	6.5	19.9	3.1
Stoneville 4357B2RF	187	30.9	44.4	39.6	29.9	3.0	8.4	5.8	19.8	2.7
Stoneville NG3550RF	187	30.1	42.2	39.8	29.8	2.9	8.2	5.8	20.0	2.9
Dyna-Gro 2100 B2RF	186	27.9	40.9	38.7	26.3	3.2	8.2	5.6	21.8	2.8
Phytogen 425 RF	185	27.9	40.9	39.4	26.6	2.8	8.0	5.6	19.9	2.8

Table 42A. Results of the dryland Roundup Ready Flex test at the AG-CARES 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
Deltapine 143 B2RF	4.5	1.07	78.7	24.0	6.7	4	76.5	8.2	31-2	0.5058	127.46	1
Stoneville 4664RF	5.0	1.02	80.5	27.8	8.3	4	75.2	8.7	31-4,41-1	0.4893	118.90	2
Stoneville 4427B2RF (tested as x0504B2RF)	4.6	1.03	80.8	25.7	6.4	6	73.7	8.0	41-1,41-2	0.4685	106.35	8
Stoneville 5283RF (tested as x0503RF)	4.9	1.02	80.8	27.5	7.5	4	74.1	8.9	41-3	0.4950	111.38	4
Stoneville 5327B2RF (tested as x0505B2RF)	4.8	1.01	80.3	26.7	7.4	4	74.9	9.1	31-3,31-4	0.4968	104.82	10
Phytogen 485 WRF	5.0	1.06	80.7	26.1	7.9	4	74.9	8.2	41-1	0.5023	105.48	9
Croplan Genetics 4020B2RF	4.7	1.06	80.3	24.6	6.8	3	76.7	8.6	31-1,31-2	0.5270	110.14	5
Stoneville 5599BR	4.8	1.02	79.1	25.0	6.0	3	76.7	4.1	31-2	0.4985	103.69	11
Stoneville 4700 B2RF	4.7	1.04	80.0	26.3	6.6	4	74.2	8.4	41-141-3	0.4948	102.42	13
Deltapine 147 RF	4.8	1.04	79.6	24.5	6.0	4	76.4	8.2	31-2	0.4850	99.91	15
FiberMax x2001F	4.7	1.10	80.2	28.8	6.1	3	79.0	7.6	31-1,31-2	0.5635	116.08	3
FiberMax 958	4.9	1.06	80.4	26.0	5.7	3	77.5	8.3	31-1,31-2	0.5273	107.04	7
Croplan Genetics 3520B2RF	4.7	1.04	80.1	23.7	7.4	4	74.5	8.3	41-1	0.4873	97.46	20
FiberMax x2109F	4.6	1.06	79.2	26.2	5.6	5	76.3	7.7	41-1	0.4943	98.37	18
FiberMax x3000B2F	4.7	1.09	80.3	29.3	6.5	3	77.3	8.1	31-1,31-2	0.5498	109.41	6
Americot 1532B2RF	4.7	1.05	79.9	24.7	6.7	4	76.6	8.4	31-2	0.5075	100.48	14
Stoneville 4554 B2RF	5.2	1.04	81.1	28.9	8.0	3	76.1	8.7	31-2	0.4998	98.46	17
Stoneville 6611 B2RF	5.0	1.06	81.0	27.4	5.8	3	76.0	8.7	31-2	0.5258	103.58	12
Croplan Genetics 3020B2RF	4.5	1.01	80.6	23.9	6.9	4	76.8	8.3	31-2	0.4783	93.27	21
Dyna-Gro 2242 B2RF	4.7	1.04	80.7	23.8	7.3	4	73.7	8.6	41-3	0.4818	92.02	23
FiberMax 9058F	4.7	1.07	78.8	23.8	5.9	3	76.2	8.1	31-1,41-1	0.5113	97.66	19
Stoneville 4357B2RF	4.6	1.06	80.4	25.3	6.7	3	76.6	8.7	31-1,31-2	0.5338	99.82	16
Stoneville NG3550RF	4.6	0.97	78.2	24.1	6.9	3	75.8	8.8	31-2,31-4	0.4770	89.20	27
Dyna-Gro 2100 B2RF	4.6	1.01	80.5	22.9	7.4	4	76.8	8.5	31-1,31-2	0.4798	89.24	26
Phytogen 425 RF	5.0	1.03	81.2	28.2	7.5	5	73.8	8.6	41-1,41-3	0.4788	88.58	28

Table 42A. Cont.

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
Stoneville NG2448R	4.7	1.04	80.7	29.6	6.8	4	75.9	8.6	31-2	0.5110	90.45	24
Stoneville 6565 B2RF	5.0	1.06	80.1	23.3	6.0	3	76.4	8.6	31-1,31-2	0.5088	89.55	25
All-Tex 45039 B2/RF	4.6	1.01	78.9	24.9	7.1	4	76.0	8.6	31-2	0.4833	83.61	33
Stoneville NG3273B2RF	4.4	1.01	79.1	23.3	7.2	4	77.1	8.6	31-1	0.4840	83.25	34
Stoneville 6622RF	5.1	1.07	80.6	27.8	6.1	4	75.7	8.3	31-2,41-1	0.4930	84.30	32
FiberMax 9063B2F	4.8	1.11	81.2	29.3	6.3	4	77.9	7.9	31-1,41-1	0.5510	93.12	22
Dyna-Gro 2520 B2RF	4.7	1.06	79.5	22.9	7.0	3	76.6	9.0	31-1,31-3	0.5078	85.31	30
Beltwide Cotton Genetics 1505RF	4.8	1.02	80.6	26.7	6.6	3	76.9	8.8	31-1	0.5083	84.38	31
Beltwide Cotton Genetics 1605RF	4.5	1.08	81.0	29.5	5.6	4	77.4	7.7	31-2,41-1	0.5298	86.36	29
All-Tex 45008 RF	5.1	0.96	79.6	29.2	6.7	4	73.8	8.8	31-4,41-3	0.4630	63.43	36
All-Tex 45005 RF	5.0	1.00	80.9	32.0	7.4	3	75.9	8.7	31-2	0.5048	67.64	35
Mean	4.7	1.04	80.1	26.2	6.7	4	76.0	8.3		0.5030		
C.V.%	2.4	1.8	0.7	3.6	4.4	10.9	0.9	11.8		3.4		
LSD 0.05	0.4	0.03	1.0	1.6	0.5	1	1.2	1.6		0.0287		

<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.

Table 42. Cont.

Designation	Yield	Agronomic Properties								
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	Resistance
Stoneville NG2448R	177	27.9	42.3	38.0	27.3	3.0	9.0	5.8	19.3	3.0
Stoneville 6565 B2RF	176	30.2	46.5	39.4	30.0	3.4	7.6	5.2	26.2	2.8
All-Tex 45039 B2/RF	173	26.4	41.3	36.8	27.4	3.6	8.7	5.5	24.0	3.0
Stoneville NG3273B2RF	172	28.4	42.8	38.5	27.5	3.2	8.2	5.5	22.3	2.8
Stoneville 6622RF	171	27.9	40.8	39.4	32.0	3.1	7.6	5.3	22.9	2.7
FiberMax 9063B2F	169	27.6	41.5	38.1	23.7	3.1	9.6	6.3	18.9	3.0
Dyna-Gro 2520 B2RF	168	27.6	38.5	40.2	28.8	3.2	8.4	5.9	21.5	2.8
Beltwide Cotton Genetics 1505RF	166	28.3	44.8	37.5	30.6	4.2	9.6	6.1	25.9	2.8
Beltwide Cotton Genetics 1605RF	163	27.1	42.3	37.9	26.8	3.6	8.5	5.5	24.1	2.9
All-Tex 45008 RF	137	25.1	36.2	38.4	25.6	3.2	8.8	6.0	20.6	3.0
All-Tex 45005 RF	134	26.6	39.1	39.9	30.1	3.6	8.7	6.2	23.0	3.0
Mean	192	28.6	41.2	39.2	28.2	3.3	8.5	5.9	21.8	2.8
C.V.%	16.9	4.2	3.9	2.1	4.9	10.4	5.1	5.4	9.2	3.4
LSD 0.05	38	2.1	2.7	1.4	2.3	0.6	0.7	0.5	3.4	0.1