

Table 48. Results of the dryland Roundup Ready Flex test at the Texas Agricultural Experiment Station, Pecos, TX, 2006.

Designation	Yield	Agronomic Properties								
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	Resistance
Deltapine 164 B2RF	398	31.3	47.6	36.9	28.2	3.8	7.9	4.9	28.8	1.7
Deltapine 143 B2RF	396	28.8	42.3	38.4	27.5	3.7	8.0	5.3	26.7	2.2
FiberMax 989	392	30.0	45.0	39.5	27.7	3.9	8.4	5.8	26.6	2.5
Phytogen 485 WRF	378	29.3	45.5	37.4	29.7	3.4	7.8	5.1	24.8	1.9
Croplan Genetics 4020B2RF	369	29.7	44.7	38.6	26.2	3.5	8.4	5.6	23.8	2.3
Phytogen 425 RF	369	26.4	41.3	37.6	26.4	3.2	8.0	5.3	22.7	1.6
Croplan Genetics 3520B2RF	366	28.9	41.1	37.2	25.2	3.0	7.9	5.1	22.2	2.1
Croplan Genetics 3020B2RF	319	29.4	44.1	38.1	25.2	3.3	8.6	5.7	22.1	2.1
Deltapine 455 BG/RR	297	29.1	42.2	42.3	33.0	3.6	7.3	5.7	26.8	1.7
Phytogen 745 WRF	295	27.9	43.4	38.5	26.6	3.3	8.6	5.8	21.7	1.6
All-Tex 45015 RF	285	28.0	45.5	36.7	26.2	4.2	9.8	6.0	25.4	2.5
Paymaster HS 26	275	33.1	44.2	36.2	26.4	4.0	9.5	5.7	25.6	3.0
All-Tex 45008 RF	257	29.0	44.5	34.9	24.0	4.2	10.1	5.8	25.1	2.6
All-Tex 45009 RF	222	31.2	46.0	35.9	25.3	4.3	10.3	6.1	24.9	3.1
Phytogen 725 RF	208	25.1	40.5	36.9	23.7	2.7	9.0	5.6	17.9	1.4
Mean	322	29.2	43.8	37.6	26.7	3.6	8.6	5.5	24.3	2.1
C.V.%	15.6	6.3	5.2	1.9	4.8	7.2	2.6	2.0	7.6	16.9
LSD 0.05	60	3.3	4.0	1.2	2.2	0.5	0.4	0.2	3.2	0.4

Table 48A. Results of the dryland 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 <sup>1/</sup>	Loan Value	Gross Loan Value per Acre	
											\$	Rank
Deltapine 164 B2RF	4.9	1.11	80.3	27.4	6.3	2	79.2	7.7	31-1,31-2	0.5690	226.46	1
Deltapine 143 B2RF	4.5	1.07	78.7	25.6	7.1	3	79.0	8.2	21-231-1	0.5313	210.39	3
FiberMax 989	4.7	1.05	80.3	26.5	6.1	2	81.7	8.0	21-1	0.5480	214.82	2
Phytogen 485 WRF	4.9	1.05	81.3	28.9	7.9	3	77.0	8.8	31-1	0.5273	199.32	4
Croplan Genetics 4020B2RF	4.7	1.05	79.4	25.2	6.7	2	77.7	8.7	31-1	0.5140	189.67	5
Phytogen 425 RF	5.0	1.04	82.0	27.4	7.9	3	76.8	8.6	31-1,31-2	0.5135	189.48	6
Croplan Genetics 3520B2RF	4.7	1.03	79.6	24.5	7.5	3	77.2	8.5	31-1,31-2	0.5025	183.92	7
Croplan Genetics 3020B2RF	4.6	1.02	81.1	25.2	7.2	3	78.7	8.4	31-1	0.5018	160.07	9
Deltapine 455 BG/RR	4.6	1.02	79.7	26.9	6.6	2	78.7	8.7	21-2	0.5090	151.17	10
Phytogen 745 WRF	4.4	1.07	81.4	30.3	7.9	3	78.3	8.4	21-2	0.5598	165.14	8
All-Tex 45015 RF	5.0	1.02	80.8	33.8	6.5	3	78.7	8.5	31-1	0.5200	148.20	11
Paymaster HS 26	5.1	1.00	81.8	29.3	7.3	3	78.8	8.3	21-2,31-1	0.4920	135.30	12
All-Tex 45008 RF	4.7	1.00	80.7	30.4	6.7	3	77.1	8.6	31-1,31-2	0.5035	129.40	13
All-Tex 45009 RF	4.9	1.03	80.9	29.4	6.9	3	77.7	8.8	21-2,31-3	0.5180	115.00	15
Phytogen 725 RF	4.4	1.11	80.9	32.7	7.1	2	78.1	9.0	21-2	0.5825	121.16	14
Mean	4.7	1.04	80.5	28.2	7.0	3	78.3	8.5		0.5260		
C.V.%	1.9	1.9	0.8	3.5	4.1	16.8	1.5	3.1		3.2		
LSD 0.05	0.2	0.03	1.2	1.7	0.5	1	2.1	0.5		0.0296		

<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.