

Table 21. Results of the dryland cotton variety test at the Texas Agricultural Experiment Station, Halfway, TX, 2006.

Designation	Yield	Agronomic Properties								
		% Turnout		% Lint		Boll Size	Seed Index	Lint Index	Seed Per Boll	Storm Resistance
		Lint	Seed	Picked	Pulled					
FiberMax 958LL	893	25.4	46.1	36.7	27.3	5.7	11.1	6.7	31.0	3.0
Phytogen 470 WR	890	24.6	44.6	34.8	25.5	4.7	10.0	5.7	28.5	2.8
FiberMax 960RR	863	26.1	47.0	35.7	26.6	5.7	10.4	6.2	32.9	3.0
Phytogen 310 R	761	26.4	43.3	38.8	28.6	4.7	9.2	6.1	30.2	2.7
FiberMax 989RR	759	27.7	44.9	38.7	29.2	5.2	10.8	7.2	28.4	2.8
Phytogen 480 WR	722	23.2	43.9	36.1	26.8	4.4	9.6	5.6	28.0	2.8
Americot 821R	715	25.1	46.3	35.5	25.2	4.3	9.5	5.6	27.1	2.9
AFD 5062LL	695	26.1	46.5	36.9	28.4	5.6	11.3	7.1	29.2	3.0
Stoneville NG1553R	677	27.9	48.1	35.6	26.6	5.0	10.5	6.2	28.8	3.2
Phytogen 370 WR	674	26.0	43.9	37.0	27.9	4.6	10.0	6.3	27.4	2.8
Phytogen 440 W	672	24.6	44.9	36.4	27.5	4.2	10.0	6.2	24.8	2.8
FiberMax 958	652	26.2	43.8	37.8	27.9	5.2	10.8	6.9	28.4	2.9
Stoneville 2448R	633	25.7	44.1	36.7	27.2	4.7	10.6	6.5	26.7	3.2
Dyna-Gro OA265 BR	591	22.4	43.1	32.7	23.9	5.6	11.9	6.2	29.4	2.4
AFD 3602RR	495	24.7	45.5	36.7	28.3	5.2	10.4	6.3	30.4	2.8
Mean	712	25.5	45.0	36.4	27.1	5.0	10.4	6.3	28.7	2.9
C.V.%	18.0	6.9	5.5	2.1	3.9	3.9	2.8	3.9	4.7	3.3
LSD 0.05	226	3.1	4.4	1.3	1.8	0.3	0.5	0.4	2.4	0.2

Table 21A. Results of the dryland cotton variety 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 ^{1/}	Loan Value	Gross Loan Value per Acre	
											\$	Rank
FiberMax 958LL	3.2	1.19	81.5	27.7	5.5	2	83.7	7.8	11-1,11-2	0.5348	477.58	1
Phytogen 470 WR	3.0	1.12	82.3	27.7	7.6	3	80.5	8.9	21-1	0.5238	466.18	2
FiberMax 960RR	2.6	1.14	81.3	28.6	5.5	2	83.0	8.1	11-1,21-1	0.4860	419.42	5
Phytogen 310 R	3.6	1.09	82.2	27.2	7.1	2	82.3	8.3	11-2,21-1	0.5588	425.25	4
FiberMax 989RR	3.7	1.16	83.4	30.7	6.2	3	82.3	7.8	21-1	0.5803	440.45	3
Phytogen 480 WR	3.9	1.05	81.2	26.9	6.8	3	78.4	8.9	21-1,31-3	0.5275	380.86	9
Americot 821R	3.3	1.09	82.1	26.8	7.4	2	80.9	8.9	11-2,21-1	0.5410	386.82	8
AFD 5062LL	4.0	1.08	81.9	28.0	6.5	3	81.1	7.6	21-1,31-1	0.5568	386.98	7
Stoneville NG1553R	3.9	1.12	82.8	29.5	7.3	3	82.6	7.8	21-1	0.5780	391.31	6
Phytogen 370 WR	3.1	1.11	82.6	27.8	7.0	3	81.8	8.4	11-1,21-1	0.5310	357.89	12
Phytogen 440 W	3.3	1.17	83.4	28.0	7.8	3	80.2	8.6	21-1	0.5545	372.62	11
FiberMax 958	3.7	1.19	83.0	29.1	5.3	3	82.6	7.7	21-1,21-2	0.5840	380.77	10
Stoneville 2448R	4.0	1.08	82.6	29.6	7.3	3	81.8	8.0	11-1,21-2	0.5623	355.94	13
Dyna-Gro OA265 BR	3.2	1.20	84.6	33.6	6.5	4	79.7	7.6	21-2,41-1	0.5248	310.16	14
AFD 3602RR	3.4	1.12	82.4	28.4	6.5	2	83.5	7.7	21-1	0.5578	276.11	15
Mean	3.4	1.13	82.5	28.6	6.6	3	81.6	8.1		0.5470		
C.V. %	10.2	3.0	4.8	4.8	8.2	16.4	1.3	5.1		4.9		
LSD 0.05	0.6	0.06	2.4	2.4	1.0	1	1.9	0.7		0.0471		

^{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.