

Table 21. Results of the dryland cotton variety test at the Texas Agricultural Experiment Station, Halfway, TX, 2005.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll Size	Seed Index	Lint Index	Seed Per Boll	Bolls 11-04-05	Storm Resistance
		Lint	Seed	Picked	Pulled						
Stoneville NG2448 R	1224	28.8	43.9	39.0	28.4	6.8	11.2	7.4	35.6	86	3.3
Stoneville 5303 R	1212	29.3	42.3	40.4	29.5	6.0	10.2	7.1	34.1	68	2.8
FiberMax 960 RR	1187	27.8	41.0	39.8	29.2	6.2	11.3	7.9	31.2	61	2.9
FiberMax 958 LL	1177	27.2	41.2	39.8	27.9	5.6	11.4	8.0	28.2	84	2.8
Paymaster 2266 RR	1133	26.6	43.1	36.4	27.2	6.9	12.0	7.2	35.1	83	3.1
AFD 5062 LL (Tested as FiberMax BCSX 8836 LL)	1118	27.6	44.8	39.0	29.4	6.6	12.1	8.2	31.3	90	2.8
Stoneville 4686 R	1095	26.9	40.0	39.1	28.8	5.7	10.5	7.3	30.4	77	2.6
FiberMax 989 RR	1089	26.1	43.5	40.5	31.3	5.8	10.7	7.5	30.9	59	2.8
Deltapine 434 RR	1064	26.7	41.7	39.9	29.4	5.6	10.3	7.1	31.0	57	2.9
Stoneville 3664 R	1023	27.1	41.4	40.0	30.0	5.3	10.8	7.6	28.2	63	3.1
AFD 3602 RR	999	26.8	44.2	38.2	27.0	6.3	11.7	7.6	31.9	85	2.9
All-Tex Atlas RR	988	27.0	44.5	37.2	27.6	5.6	10.6	6.5	32.2	91	3.1
Stoneville NG1553 R	966	27.7	43.0	37.4	28.8	5.9	11.1	6.9	32.0	93	3.2
Stoneville NG3969 R	934	26.3	43.9	37.6	27.7	4.9	9.9	6.2	30.0	61	3.1
AFD 3511 RR	886	23.8	45.2	34.8	26.2	5.7	12.1	6.7	29.3	81	3.0
Mean	1073	27.0	42.9	38.6	28.5	5.9	11.0	7.3	31.4	76	3.0
C.V.%	7.6	4.7	4.2	1.8	2.4	7.5	4.0	4.6	7.1	21.5	2.9
LSD 0.05	97	2.3	3.1	1.2	1.4	0.8	0.8	0.6	3.9	19	0.1

Table 21A. Results of the dryland cotton variety test at the Texas Agricultural Experiment Station, Halfway, TX, 2005.

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 NG2448 R	4.0	1.09	83.1	31.1	7.4	1	81.6	7.7	21-1,21-2	0.5755	704.41	1
Stoneville 5303 R	4.1	1.07	83.4	29.2	6.4	1	80.2	8.8	11-2,21-2	0.5515	668.42	3
FiberMax 960 RR	3.4	1.10	80.3	29.1	5.1	1	79.4	7.9	21-2,31-1	0.5585	662.94	4
FiberMax 958 LL	4.1	1.13	83.1	31.1	5.7	2	80.2	8.0	21-2	0.5833	686.54	2
Paymaster 2266 RR	4.4	1.09	82.4	29.7	7.0	2	77.8	7.9	31-1,31-2	0.5625	637.31	5
AFD 5062 LL (Tested as FiberMax BCSX 8836 LL)	4.1	1.08	82.8	28.4	7.0	3	78.0	7.9	21-2,41-1	0.5465	610.99	7
Stoneville 4686 R	3.8	1.10	81.8	27.3	10.1	1	76.1	10.0	21-4,22-1	0.5613	614.62	6
FiberMax 989 RR	3.3	1.11	81.0	28.7	5.4	1	79.4	8.6	21-1,21-2	0.5530	602.22	8
Deltapine 434 RR	3.5	1.13	80.8	25.5	7.4	1	80.1	8.5	21-1,21-2	0.5610	596.90	9
Stoneville 3664 R	3.8	1.05	83.5	27.5	7.7	1	79.4	8.8	21-1,21-2	0.5383	550.68	11
AFD 3602 RR	3.7	1.08	80.6	29.7	6.1	1	79.7	8.4	21-2	0.5585	557.94	10
All-Tex Atlas RR	4.1	1.04	82.2	28.5	7.3	1	78.6	8.3	21-2,31-1	0.5320	525.62	13
Stoneville NG1553 R	3.5	1.13	81.6	28.2	7.7	1	78.3	8.8	21-4,31-1	0.5625	543.38	12
Stoneville NG3969 R	3.3	1.14	81.9	28.0	7.1	1	79.8	9.0	11-2,21-3	0.5443	508.38	14
AFD 3511 RR	3.7	1.09	81.7	29.0	7.0	2	78.9	8.6	21-1,31-1	0.5560	492.62	15
Mean	3.8	1.09	82.0	28.7	6.9	1	79.1	8.5		0.5560		
C.V.%	5.1	1.1	0.9	2.7	7.3	26.2	1.6	8.4		3.1		
LSD 0.05	0.3	0.02	1.2	1.4	0.9	1	2.3	1.2		0.0304		

<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.