

Table 18. Results of the dryland cotton variety test at the Texas Agricultural Experiment Station, Halfway, TX, 2003.

Designation	Yield	Agronomic Properties							% Open		
		% Turnout		% Lint		Boll Size	Seed Index	Lint Index	Seed Per Boll	Bolls 10-09-03	Storm Resistance
		Lint	Seed	Picked	Pulled						
AFD 2070	271	31.4	44.0	41.3	30.3	3.2	8.0	6.0	21.9	79	2.9
Paymaster 2379 RR	247	28.0	41.1	39.4	30.9	3.7	8.6	5.9	24.6	91	3.1
FiberMax 960 RR	244	28.2	36.3	43.7	33.4	4.1	8.8	7.2	24.8	43	3.1
FiberMax 966	234	30.3	39.8	41.4	29.7	3.3	8.1	6.3	22.1	61	3.0
Stoneville 2448 R	220	28.1	42.7	38.4	29.8	4.0	9.0	6.0	25.6	89	3.0
FiberMax 989	214	29.7	41.0	40.1	28.8	3.4	8.3	6.0	22.5	60	2.8
Stoneville 2454 R	212	28.0	39.7	41.6	30.5	3.3	8.2	6.2	22.0	83	2.7
FiberMax 958	203	30.8	40.8	41.8	31.8	3.4	8.1	6.2	22.6	77	3.0
Beltwide Cotton Genetics 28R	195	27.1	35.4	42.1	32.5	3.2	7.1	5.3	24.9	56	3.0
All-Tex Excess	191	28.5	42.5	38.9	29.3	4.0	9.2	6.3	24.6	89	3.1
FiberMax 960 BR	191	28.1	36.4	41.1	30.5	4.0	8.7	6.4	25.6	39	3.0
Beltwide Cotton Genetics 24R	183	27.7	41.0	40.8	31.9	3.2	7.5	5.4	24.1	67	3.0
FiberMax 966 LL	176	27.3	37.6	40.8	29.5	3.7	9.0	6.8	22.3	53	3.0
Deltapine 491	171	30.2	38.8	40.6	30.2	3.6	7.0	5.6	26.2	17	2.7
FiberMax 819 RR	170	27.5	39.4	40.9	29.5	2.8	7.5	5.7	19.8	65	2.8
FiberMax 958 LL	170	29.6	40.0	41.1	30.0	3.2	8.0	6.0	22.1	70	2.9
Paymaster 2266 RR	167	25.2	40.4	39.3	29.5	3.8	9.1	6.2	23.7	77	3.1
Syngenta N 2108ss	155	30.8	43.6	38.6	29.3	3.2	7.9	5.5	21.9	69	2.8
Deltapine 5415 RR	151	30.2	44.0	39.5	30.8	3.1	7.2	5.0	23.8	51	2.8
Hazera HA 175	147	20.9	40.1	29.6	20.4	2.1	9.9	4.8	12.9	81	1.9
Hazera HA 14	141	20.7	34.7	35.8	24.5	2.7	10.2	6.0	16.0	44	2.2
AFD 2074	138	26.8	41.5	38.8	28.4	3.5	8.3	5.6	24.6	71	2.8
Hazera HA 195	127	22.2	35.9	35.2	23.7	2.1	9.2	5.6	13.1	60	2.4
FiberMax 819	113	25.1	35.7	42.0	29.5	2.8	7.9	6.1	19.1	50	2.7
Mean	184	27.6	39.7	39.7	29.3	3.3	8.3	5.9	22.1	64	2.8
C.V.%	31.4	4.1	4.4	2.6	3.7	10.8	4.8	4.2	9.3	28.7	3.6
LSD 0.05	68	1.9	3.0	1.8	1.9	0.6	0.7	0.4	3.5	22	0.1

Table 18A. Results of the dryland regional cotton variety test at the Texas Agricultural Experiment Station, Halfway, TX, 2003.

Designation	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Leaf Index	Rd	+b	Color Grade ^{1/}	Loan Value	Gross Loan Value per Acre	
											\$	Rank
AFD 2070	4.7	0.99	80.2	27.7	6.8	1	71.9	8.8	31-4,42-2	0.4845	131.30	1
Paymaster 2379 RR	5.0	0.96	81.3	28.6	8.7	1	73.4	8.9	41-3	0.4600	113.62	3
FiberMax 960 RR	4.8	1.01	80.7	28.6	4.9	1	73.3	8.8	31-4,41-3	0.4840	118.10	2
FiberMax 966	5.0	0.98	79.3	30.2	4.6	1	72.3	9.1	31-4,42-1	0.4623	108.18	4
Stoneville 2448 R	4.9	1.00	81.8	30.2	7.2	1	73.8	8.9	31-4,41-3	0.4888	107.54	5
FiberMax 989	5.2	0.96	79.4	27.8	6.6	1	72.4	9.2	31-4,42-1	0.4383	93.80	8
Stoneville 2454 R	5.2	0.98	81.7	28.0	7.3	1	74.3	8.7	31-4,41-3	0.4520	95.82	7
FiberMax 958	4.8	1.03	79.3	28.9	5.6	1	74.2	8.8	31-4	0.5088	103.29	6
Beltwide Cotton Genetics 28R	5.2	0.98	80.0	24.6	6.3	1	71.8	9.4	41-3,42-1	0.4253	82.93	13
All-Tex Excess	5.1	0.95	79.8	26.9	5.8	1	72.1	8.6	41-3	0.4373	83.52	12
FiberMax 960 BR	4.9	0.94	79.2	28.4	5.2	1	72.6	9.3	31-4,42-1	0.4510	86.14	11
Beltwide Cotton Genetics 24R	4.7	0.99	80.0	27.6	7.5	1	75.8	8.9	31-3,31-4	0.4853	88.81	10
FiberMax 966 LL	5.1	1.00	80.7	29.0	5.4	1	73.2	8.7	31-4,41-3	0.4700	82.72	14
Deltapine 491	5.1	1.00	80.0	28.2	6.2	1	73.9	9.2	31-4	0.4533	77.51	16
FiberMax 819 RR	4.5	1.06	81.4	28.2	6.3	1	75.0	8.2	31-2,41-3	0.5230	88.91	9
FiberMax 958 LL	5.2	0.98	78.9	28.6	5.3	1	74.7	8.5	31-4,41-3	0.4480	76.16	18
Paymaster 2266 RR	4.6	0.97	79.8	28.4	7.9	1	71.0	9.1	41-3,42-1	0.4678	78.12	15
Syngenta N 2108ss	5.0	0.95	80.4	26.5	7.2	1	73.0	8.5	41-3,41-4	0.4440	68.82	20
Deltapine 5415 RR	4.9	1.03	80.5	27.3	7.7	1	75.6	8.8	31-4	0.5105	77.09	17
Hazera HA 175	4.5	1.12	80.9	33.9	6.3	2	62.5	10.5	53-1,53-2	0.4560	67.03	21
Hazera HA 14	4.4	1.10	80.9	30.2	6.2	1	70.1	10.1	41-3,43-1	0.5023	70.82	19
AFD 2074	5.0	0.98	80.7	28.1	7.4	1	72.9	8.9	41-3	0.4490	61.96	22
Hazera HA 195	4.4	1.15	80.7	34.9	7.5	1	67.3	10.6	43-1,43-2	0.4678	59.41	23
FiberMax 819	4.7	1.04	80.2	30.5	5.2	1	74.4	8.4	31-4,41-3	0.5058	57.16	24
Mean	4.9	1.00	80.3	28.8	6.4	1	72.5	9.0		0.4700		
C.V.%	2.4	2.9	1.0	2.7	7.3	0	2.4	4.3		4.6		
LSD 0.05	0.2	0.05	1.3	1.4	0.8	0	0.3	0.7		0.0369		

^{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.