

Table 33. Results of the irrigated regional high quality cotton variety test at the Texas Agricultural Experiment Station, Lubbock, TX, 2003.

Designation	Yield	Agronomic Properties							% Open		
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Bolls	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	10-24-03	Resistance
Stoneville 4892 BR	1377	30.0	44.1	40.3	31.0	4.9	10.6	7.5	26.4	53	2.7
FiberMax 958 B	1338	26.7	44.2	38.9	29.3	4.9	10.8	7.1	26.7	60	2.6
FiberMax 960 BR	1313	28.6	44.6	37.8	28.6	5.4	11.3	7.3	28.0	66	2.5
Deltapine 444 BR	1288	29.2	44.0	39.4	30.0	5.0	10.8	7.3	26.6	52	2.3
Deltapine 491	1278	29.0	43.6	39.3	30.3	5.3	9.7	6.7	30.8	42	2.5
FiberMax 800	1217	27.9	45.2	38.5	29.1	5.3	11.2	7.4	27.5	44	2.9
Syngenta N 2429	1192	26.1	45.2	38.3	28.2	4.8	11.2	7.3	25.0	65	2.6
Stoneville X 108	1192	27.3	45.0	37.7	28.7	5.2	11.5	7.3	26.8	48	2.2
PhytoGen 355	1169	25.0	43.2	37.4	27.3	4.6	10.7	6.8	25.4	59	2.6
Deltapearl	1158	28.7	46.7	37.7	28.3	4.2	9.4	5.9	26.8	33	2.5
AR 9203-17-12	1150	28.2	46.1	37.4	28.2	5.4	11.5	7.2	28.0	56	2.4
FiberMax 832 LL	1131	28.5	45.9	37.3	28.6	5.7	11.2	7.1	29.9	38	2.6
GA 98 0 66	1129	27.5	45.1	38.3	28.7	5.7	10.7	7.1	30.7	35	2.2
Deltapine 458 B/R	1114	27.4	40.3	37.0	28.8	4.7	9.6	5.8	29.6	34	2.7
GA 90 0 2	1112	27.5	43.9	36.6	27.1	4.8	10.8	6.8	25.7	55	2.3
MD 832 N	1094	27.5	46.7	37.9	29.3	5.3	10.4	6.7	30.0	68	2.5
Acala 1517-99	1086	24.4	44.7	35.2	25.9	5.2	12.6	7.3	25.1	52	1.9
TAM 96-WD-18	1083	25.3	45.1	34.9	26.1	5.5	12.6	7.2	26.3	41	2.8
Stoneville X 104	1024	25.8	42.7	36.3	27.4	4.5	10.3	6.3	26.1	33	1.9
Deltapine 555 BR	980	29.2	43.5	40.2	31.5	4.6	8.2	5.8	31.6	24	2.4
Mean	1171	27.5	44.5	37.8	28.6	5.0	10.7	6.9	27.6	48	2.4
C.V.%	9.1	2.5	3.2	3.0	3.8	3.2	4.0	4.1	3.8	24.9	8.8
LSD 0.05	126	1.2	2.5	2.0	1.9	0.3	0.7	0.5	1.8	14	0.3

Table 33A. Results of the irrigated regional high quality cotton variety test at the Texas Agricultural Experiment Station, Lubbock, TX, 2003.

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 4892 BR	5.2	1.07	83.0	27.6	6.0	1	74.9	8.3	41-1	0.4940	680.24	6
FiberMax 958 B	4.7	1.13	84.4	32.2	4.7	2	76.5	7.6	41-1	0.5298	708.87	3
FiberMax 960 BR	4.7	1.08	81.4	31.9	4.3	1	77.0	7.4	31-2,41-1	0.5408	710.07	2
Deltapine 444 BR	4.4	1.13	82.9	27.7	6.0	1	76.3	8.0	31-2,41-1	0.5475	705.18	4
Deltapine 491	4.4	1.16	81.9	29.9	5.0	1	77.4	8.0	31-1,31-2	0.5575	712.48	1
FiberMax 800	4.2	1.18	82.4	30.9	5.3	1	77.7	7.6	31-2	0.5625	684.56	5
Syngenta N 2429	5.0	1.13	83.8	27.8	7.8	2	73.6	8.6	41-3	0.5215	621.63	10
Stoneville X 108	4.8	1.14	82.4	28.3	6.1	1	77.5	7.7	31-2	0.5530	659.18	7
PhytoGen 355	4.7	1.12	84.0	28.4	8.3	2	73.2	8.4	41-3,41-4	0.5405	631.84	8
Deltapearl	4.4	1.15	80.6	28.8	5.1	1	77.8	7.3	31-2,41-1	0.5455	631.69	9
AR 9203-17-12	5.0	1.17	83.7	32.3	4.1	1	75.6	7.9	41-1	0.5283	607.54	14
FiberMax 832 LL	4.5	1.18	82.4	30.6	4.3	2	74.2	7.0	41-1,51-1	0.5225	590.95	18
GA 98 0 66	4.5	1.18	82.9	30.8	5.6	1	74.8	8.2	41-1,41-3	0.5453	615.64	11
Deltapine 458 B/R	4.5	1.12	80.9	28.2	6.4	1	77.5	8.5	31-1	0.5508	613.59	12
GA 90 0 2	5.0	1.13	82.9	30.1	5.1	1	75.4	8.1	31-2,41-1	0.5318	591.36	17
MD 832 N	4.5	1.16	82.5	31.9	4.7	1	76.9	7.2	31-2,41-1	0.5530	604.98	15
Acala 1517-99	4.4	1.21	83.7	32.2	5.2	2	73.2	8.0	41-2,41-3	0.5488	596.00	16
TAM 96-WD-18	4.5	1.19	82.9	31.4	5.6	1	76.1	8.3	31-2	0.5623	608.97	13
Stoneville X 104	4.5	1.18	83.4	30.4	4.7	1	74.9	8.6	31-4,41-1	0.5525	565.76	19
Deltapine 555 BR	4.4	1.09	81.7	27.7	5.0	1	78.9	7.7	31-1	0.5435	532.63	20
Mean	4.6	1.14	82.7	29.9	5.4	1	75.9	7.9		0.5420		
C.V.%	4.3	1.9	0.8	2.4	5.8	23.7	1.2	4.2		3.3		
LSD 0.05	0.3	0.04	1.1	1.3	0.5	0	1.6	0.6		0.0313		

<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.