

Table 36. Results of the irrigated regional high quality cotton variety test at the Texas Agricultural Experiment Station, Lubbock, TX, 2004.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Bolls	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	10-15-04	Resistance
Deltapine 444 B/R	1243	30.7	44.9	41.0	31.8	4.7	10.1	7.4	26.3	82	2.6
Stoneville 4892 B/R	1116	29.3	40.8	41.5	32.3	4.8	10.3	7.7	26.1	71	3.0
FiberMax 966 LL	1100	27.3	47.8	39.0	30.4	5.8	11.6	7.7	29.4	81	2.9
FiberMax 960 BR	1075	30.8	46.0	39.7	31.3	5.3	11.1	7.5	27.8	76	3.0
FiberMax 958	1055	29.2	44.4	39.9	31.4	5.2	10.8	7.5	27.6	89	3.0
AR 9513-28-01	1029	26.9	43.4	41.0	31.4	4.9	11.0	7.9	25.5	84	2.3
Deltapine 488 B/R	1022	29.0	44.7	41.3	32.4	4.7	9.3	6.9	28.3	62	3.0
Deltapine 434 R	987	29.2	42.5	39.9	33.5	4.9	9.7	6.7	29.1	89	3.0
TAM 98D-99ne	982	27.6	46.1	38.4	30.0	5.1	10.7	6.9	28.6	78	2.8
MD 09 ne	981	28.5	47.3	40.3	31.7	5.3	10.5	7.3	29.4	70	2.9
FiberMax 800 BR	980	28.2	44.4	39.2	30.6	5.5	10.7	7.2	30.3	81	3.0
FiberMax 832 LL	970	27.9	46.3	38.3	30.2	5.2	11.2	7.3	27.0	89	2.8
GA 2000 42	948	28.5	43.4	41.6	32.2	5.2	10.1	7.5	28.8	81	2.6
Deltapine 555 B/R	942	33.0	46.0	42.9	34.6	4.1	7.7	6.1	29.2	61	2.8
Deltapine 458 B/R	937	28.8	47.7	39.4	31.7	4.7	9.1	6.2	29.9	73	3.0
Stoneville 5599 B/R	921	27.8	47.7	40.0	31.6	5.0	10.8	7.5	26.6	80	2.9
AR 9308-17-04	903	25.0	43.7	40.0	30.6	4.6	11.6	8.1	23.0	77	2.7
Acala 1517-99	886	26.0	46.4	37.3	28.7	4.8	11.7	7.3	24.4	72	2.6
GA 2000 61	886	28.3	42.5	43.3	32.5	4.9	9.6	7.6	27.8	75	2.8
FiberMax 960 B2R	877	27.4	45.4	40.8	32.2	5.5	11.5	8.2	27.6	79	3.1
Mean	992	28.4	45.1	40.2	31.5	5.0	10.4	7.3	27.6	77	2.8
C.V.%	8.1	3.4	2.5	2.4	3.4	3.0	4.6	3.8	4.5	13.0	3.5
LSD 0.05	94	1.7	2.0	1.6	1.8	0.3	0.8	0.5	2.2	12	0.1

Table 36A. Results of the irrigated regional high quality cotton variety test at the Texas Agricultural Experiment Station, Lubbock, TX, 2004.

Designation	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Leaf Index	Rd	+b	Color Grade ^{1/}	Loan Value	Gross Loan Value per Acre	
											\$	Rank
Deltapine 444 B/R	3.5	1.11	81.8	28.4	6.1	3	74.4	7.4	41-1,41-2	0.5195	645.74	1
Stoneville 4892 B/R	4.4	1.06	81.3	27.6	6.5	3	72.6	8.0	41-3,41-4	0.5238	584.56	2
FiberMax 966 LL	3.6	1.16	82.6	31.8	3.7	4	69.5	6.8	51-1,51-2	0.4908	539.88	5
FiberMax 960 BR	3.6	1.11	81.1	31.2	4.1	4	74.6	7.0	41-1,41-2	0.5308	570.61	3
Check	3.8	1.17	81.7	31.2	3.7	3	72.0	6.8	51-1	0.5028	530.45	6
AR 9513-28-01	3.9	1.15	84.0	30.9	5.3	3	70.6	7.5	51-1	0.5060	520.67	8
Deltapine 488 B/R	3.8	1.15	82.1	31.0	5.5	3	74.1	7.9	41-1,41-2	0.5463	558.32	4
Deltapine 434 R	3.5	1.13	80.6	25.8	7.0	3	73.2	7.7	41-1,41-4	0.5368	529.82	7
TAM 98D-99ne	4.0	1.13	83.0	32.1	5.0	3	72.1	6.6	41-2,51-1	0.5265	517.02	9
MD 09 ne	3.7	1.17	83.8	33.7	4.2	5	73.0	6.8	41-2,51-1	0.5075	497.86	13
FiberMax 800 BR	3.3	1.16	81.8	30.4	4.3	4	73.2	6.8	41-2	0.5118	501.56	12
FiberMax 832 LL	3.4	1.17	82.6	30.6	4.3	5	71.7	6.8	51-1	0.4803	465.89	18
GA 2000 42	3.9	1.11	81.7	28.8	4.7	3	72.8	7.6	41-2	0.5393	511.26	11
Deltapine 555 B/R	3.8	1.09	80.0	28.5	4.9	2	78.0	7.1	31-2,41-1	0.5445	512.92	10
Deltapine 458 B/R	3.8	1.12	82.0	30.1	5.4	2	73.9	7.0	41-1,51-1	0.5230	490.05	15
Stoneville 5599 B/R	3.7	1.10	81.1	29.2	4.8	3	72.4	7.8	41-2	0.5200	478.92	17
AR 9308-17-04	4.4	1.12	83.5	30.3	5.8	3	73.1	7.9	41-1,41-4	0.5463	493.31	14
Acala 1517-99	3.7	1.22	84.2	33.0	4.8	5	69.8	7.0	51-1	0.4898	433.96	19
GA 2000 61	3.8	1.12	82.2	29.8	4.8	3	71.9	7.9	41-2,41-4	0.5420	480.21	16
FiberMax 960 B2R	3.4	1.17	80.7	31.2	3.3	3	73.0	6.8	41-2,51-1	0.4885	428.41	20
Mean	3.7	1.13	82.1	30.3	4.9	3	72.8	7.2		0.5190		
C.V.%	7.1	1.3	1.1	2.6	7.6	16.4	2.0	3.4		4.2		
LSD 0.05	0.5	0.03	1.5	1.4	0.6	1	2.5	0.4		0.0376		

^{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.