

Table 48. Results of the irrigated regional high quality cotton variety test at the Texas Agricultural Experiment Station, Lubbock, TX, 2005.

Designation	Yield	Agronomic Properties								% Open	
		% Turnout		% Lint		Boll Size	Seed Index	Lint Index	Seed Per Boll	Bolls 09-27-05	Storm Resistance
		Lint	Seed	Picked	Pulled						
Stoneville 4575 BR	1150	30.4	44.0	39.7	29.5	4.0	9.2	6.5	24.1	64	2.3
FiberMax 960 BR	1149	31.1	47.2	39.0	29.9	4.7	10.2	7.0	26.2	63	2.7
FiberMax 958 LL	1115	28.4	42.5	40.2	30.3	4.9	10.0	7.1	27.8	70	2.9
Stoneville 5599 BR	1057	30.7	47.3	38.8	30.0	4.4	10.0	6.8	25.3	57	2.7
Deltapine 455 BR	1055	30.4	43.2	42.1	32.4	3.8	8.4	6.6	24.4	65	2.4
Deltapine 555 BR	1054	31.9	43.2	42.8	33.2	4.3	7.7	6.1	30.2	51	2.6
FiberMax 960 B2R	1043	28.6	44.2	39.5	30.0	4.8	10.5	7.3	25.8	44	2.8
Deltapine 488 BR	1029	30.2	45.7	40.9	30.9	4.2	9.1	6.7	25.6	53	2.7
Deltapine 445 BR	1016	30.7	43.2	41.9	31.7	4.0	9.0	7.0	24.1	69	2.1
FiberMax 800 BR	993	28.7	42.1	39.3	29.7	4.8	9.4	6.6	28.5	49	2.8
Acala Maxxa GTO-Hammer	973	33.1	39.7	43.6	30.9	4.2	9.6	8.2	22.6	57	2.5
Stoneville 6636 BR	972	28.7	45.6	38.7	29.9	4.2	9.7	6.4	25.5	60	1.9
AR-9208-17-04	952	26.8	43.6	38.5	28.7	4.9	11.4	7.5	25.2	65	2.0
AR 9204-39-15	937	26.0	41.4	37.9	27.3	4.7	11.3	7.3	24.1	78	2.1
Deltapine 444 BR	921	27.2	40.8	39.7	29.8	4.3	9.5	6.8	25.1	78	2.1
Stoneville 4892 BR	882	28.6	41.0	40.5	29.5	4.0	9.7	7.1	23.1	64	2.6
JAJ0 1145	840	29.3	43.2	40.6	30.8	3.7	10.1	7.3	20.5	71	1.9
PhytoGen 72	823	26.7	41.6	38.5	28.3	4.1	10.5	7.0	22.8	69	1.9
NM N1155	782	26.6	45.9	34.9	26.8	3.9	9.4	5.4	25.3	67	2.1
AR 9314-24-16	776	27.8	42.1	39.8	28.5	4.9	11.8	8.3	23.4	75	2.2
Mean	976	29.1	43.4	39.8	29.9	4.3	9.8	6.9	25.0	63	2.4
C.V.%	13.6	5.0	4.5	1.7	4.6	10.1	5.2	5.6	9.2	18.3	11.3
LSD 0.05	157	2.5	3.4	1.2	2.4	0.8	0.9	0.7	4.0	14	0.3

Table 48A. Results of the irrigated regional high quality test at the Texas Agricultural Experiment Station, Lubbock, TX, 2005.

Designation	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Leaf Index	Rd	+b	Color Grade ^{1/}	Loan Value	Gross Loan Value per Acre	
											\$	Rank
Stoneville 4575 BR	4.2	1.07	81.4	27.0	9.6	3	73.7	9.4	31-4,32-2	0.5305	610.08	3
FiberMax 960 BR	3.9	1.12	80.9	31.3	4.9	1	76.4	8.6	31-1,31-2	0.5750	660.68	1
FiberMax 958 LL	4.1	1.17	81.0	29.9	4.4	3	75.7	8.0	31-2,41-1	0.5608	625.29	2
Stoneville 5599 BR	3.9	1.08	79.7	28.3	5.0	3	74.0	9.0	31-4,41-3	0.5408	571.63	7
Deltapine 455 BR	3.8	1.08	80.1	29.0	6.0	2	74.4	9.7	31-3,32-1	0.5368	566.32	10
Deltapine 555 BR	4.1	1.07	79.5	27.6	5.6	2	77.5	8.1	31-1,31-2	0.5400	569.16	9
FiberMax 960 B2R	3.4	1.14	80.0	30.9	4.6	2	77.4	8.3	31-1,31-2	0.5545	578.34	4
Deltapine 488 BR	4.0	1.13	81.3	28.9	7.0	3	74.1	8.8	31-4,41-3	0.5580	574.18	6
Deltapine 445 BR	3.9	1.11	81.0	28.7	8.2	2	75.3	8.9	31-3,31-4	0.5665	575.56	5
FiberMax 800 BR	3.8	1.13	81.5	29.5	5.5	2	78.4	8.0	31-1,31-2	0.5738	569.78	8
Acala Maxxa GTO-Hammer	4.3	1.08	82.7	31.3	5.9	3	76.1	7.9	31-2,41-1	0.5568	541.77	12
Stoneville 6636 BR	4.4	1.12	82.0	29.2	5.8	1	74.1	9.2	31-3,41-3	0.5580	542.38	11
AR-9208-17-04	4.5	1.14	82.8	30.6	6.5	3	72.9	8.9	41-3	0.5495	523.12	13
AR 9204-39-15	3.8	1.08	82.9	28.3	7.1	4	73.8	8.8	31-4,41-3	0.5393	505.32	14
Deltapine 444 BR	3.4	1.09	80.8	26.9	6.7	3	73.6	8.9	31-4,41-3	0.5210	479.84	16
Stoneville 4892 BR	4.2	1.07	80.8	28.0	7.0	2	72.6	9.3	31-4,43-1	0.5400	476.28	17
JAJO 1145	3.9	1.14	80.7	28.7	7.0	1	75.6	9.3	31-3	0.5715	480.06	15
PhytoGen 72	4.2	1.18	82.6	31.4	6.8	1	73.7	9.6	31-4,32-1	0.5613	461.95	18
NM N1155	3.5	1.23	81.6	30.2	5.3	5	70.8	7.8	41-2,51-3	0.4883	381.85	20
AR 9314-24-16	4.4	1.13	82.8	28.1	7.5	1	74.7	9.4	31-3,31-4	0.5698	442.16	19
Mean	4.0	1.12	82.3	29.2	6.3	2	74.7	8.8		0.5500		
C.V.%	4.5	1.7	0.7	2.1	5.0	24.2	1.3	3.2		2.8		
LSD 0.05	0.3	0.03	1.1	1.1	0.5	1	1.7	0.5		0.0264		

^{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.