

Table 19. Results of the irrigated late planted cotton variety test at the Texas Agricultural Experiment Station, Lubbock, TX, 2004.

Designation	Agronomic Properties									
	Yield	% Turnout		% Lint		Boll	Seed	Lint	Seed Per	Storm
		Lint	Seed	Picked	Pulled	Size	Index	Index	Boll	Resistance
Stoneville NG1553 R	765	26.2	46.3	36.9	29.1	5.6	11.2	6.8	30.5	3.5
FiberMax 5045 BR	674	24.6	37.9	38.7	28.6	5.4	9.8	6.4	32.4	3.6
FiberMax 5035 LL	666	23.3	42.9	34.7	24.5	4.4	9.4	5.2	29.0	3.4
All-Tex 305 RR	650	24.9	40.0	37.1	27.9	4.4	9.3	5.7	28.6	3.2
FiberMax 5044 RR	627	25.2	42.6	37.9	28.7	5.8	11.4	7.1	30.9	3.8
All-Tex 201 RR	625	25.8	44.1	35.5	27.1	6.2	11.9	6.8	32.4	3.7
All-Tex Atlas	587	21.8	41.0	35.5	27.8	6.1	11.4	6.5	33.3	3.7
FiberMax 958	585	24.5	37.6	39.3	29.0	5.2	10.7	7.2	28.4	3.7
All-Tex Excess RR	584	23.7	41.1	36.0	27.4	6.3	11.3	6.6	34.5	3.6
Bronco 141	584	23.8	42.3	35.6	27.2	5.7	11.0	6.4	31.8	3.8
AFD 3511 RR	577	23.9	46.2	33.3	27.0	6.0	12.0	6.2	31.8	3.6
Beltwide Cotton Genetics 50 R	575	23.8	45.0	36.4	28.1	5.5	11.3	6.6	30.3	3.7
Stoneville NG2448 R	566	22.3	36.8	36.8	27.1	5.2	10.3	6.3	30.6	3.8
All-Tex 303 RR	564	26.0	42.4	41.8	31.6	4.7	9.9	7.0	28.0	3.5
Hazera HA 175	551	19.5	41.0	32.7	24.4	4.1	12.9	6.6	20.0	1.9
Beltwide Cotton Genetics 520 RR	544	22.8	41.4	35.0	27.1	5.7	11.8	6.6	30.2	3.6
Paymaster 145	544	23.3	39.7	39.5	30.2	5.6	12.1	7.8	28.5	3.8
Stoneville 3664 R	493	25.7	39.3	38.2	27.0	5.1	10.8	7.0	27.8	3.9
Stoneville NG3969 R	483	21.1	40.6	34.5	25.3	4.6	9.6	5.3	30.0	3.9
Hazera HA 72-D4	477	19.4	37.0	33.6	26.0	5.4	11.2	6.0	29.9	3.4
All-Tex Xpress	475	17.9	41.6	35.8	26.4	5.7	11.5	6.7	30.8	3.6
Mean	581	23.3	41.2	36.4	27.5	5.3	11.0	6.5	30.0	3.5
C.V.%	9.0	4.9	5.8	3.3	5.4	6.8	3.7	6.2	5.8	6.5
LSD 0.05	62	2.0	4.1	2.1	2.6	0.6	0.7	0.7	3.0	0.3

Table 19A. Results of the irrigated late planted cotton variety test at the Texas Agricultural Experiment Station, Lubbock, TX, 2004.

Designation	Micro-		Uni- formity	Strength	Elon- gation	Leaf Index	Rd	+b	Color Grade ^{1/}	Loan Value	Gross Loan Value per Acre	
	naire	Length									\$	Rank
Stoneville NG1553 R	3.4	1.10	82.5	28.5	7.9	3	70.5	10.9	32-1,33-4	0.4883	373.55	1
FiberMax 5045 BR	3.9	1.02	82.0	27.4	9.0	1	68.4	12.2	33-4,34-1	0.4748	320.02	2
FiberMax 5035 LL	3.5	1.04	82.3	27.1	9.6	4	68.6	11.0	42-1,43-3	0.4578	304.89	4
All-Tex 305 RR	3.9	1.04	81.3	27.5	8.0	2	68.5	11.9	23-4,43-3	0.4805	312.32	3
FiberMax 5044 RR	3.7	1.08	81.7	27.3	9.9	2	67.3	12.3	33-4,34-1	0.4740	297.20	6
All-Tex 201 RR	4.1	1.06	82.1	28.8	5.6	2	71.9	9.8	31-4,43-1	0.4865	304.06	5
All-Tex Atlas	3.7	1.07	82.2	29.3	7.4	3	68.6	11.6	33-3,43-1	0.4665	273.84	12
FiberMax 958	3.3	1.11	82.6	28.1	5.6	3	72.6	10.7	31-3,33-3	0.5048	295.31	7
All-Tex Excess RR	4.0	1.03	81.9	29.0	8.8	2	68.8	11.9	33-3,33-4	0.4885	285.28	8
Bronco 141	3.8	1.04	81.5	26.9	7.4	2	69.5	11.3	32-2,33-4	0.4828	281.96	10
AFD 3511 RR	4.1	1.07	82.3	29.4	7.2	2	68.9	11.2	33-2,33-4	0.4910	283.31	9
Beltwide Cotton Genetics 50 R	3.8	1.04	81.3	26.8	8.3	2	66.4	12.9	33-4,34-3	0.4773	274.45	11
Stoneville NG2448 R	3.9	1.02	82.5	27.5	8.8	2	66.9	12.8	33-3,34-4	0.4765	269.70	13
All-Tex 303 RR	3.5	1.04	82.2	27.5	9.1	2	69.6	12.0	33-1,34-1	0.4735	267.05	15
Hazera HA 175	3.1	1.24	83.7	34.2	7.1	3	66.3	11.8	43-3	0.4200	231.42	18
Beltwide Cotton Genetics 520 RR	4.3	1.06	83.2	29.1	7.0	3	68.0	11.8	33-4	0.4928	268.08	14
Paymaster 145	4.0	1.02	81.7	27.6	7.8	3	64.7	12.2	43-3,44-1	0.4485	243.98	16
Stoneville 3664 R	4.9	1.00	81.5	27.3	9.4	2	69.1	11.5	32-2,34-1	0.4545	224.07	19
Stoneville NG3969 R	3.2	1.09	82.9	27.4	7.9	2	68.5	12.1	33-3,33-4	0.4625	223.39	20
Hazera HA 72-D4	3.4	1.07	81.9	27.1	8.2	3	66.2	12.6	33-3,44-1	0.4600	219.42	21
All-Tex Xpress	4.0	1.05	82.0	28.2	6.6	3	71.0	9.8	32-2,42-1	0.4955	235.36	17
Mean	3.8	1.06	82.1	28.2	7.9	2	68.6	11.6		0.4740		
C.V.%	5.3	1.5	0.8	3.9	5.9	24.9	3.4	9.1		3.4		
LSD 0.05	0.3	0.03	1.1	1.9	0.8	1	4.0	1.8		0.0274		

^{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.