

Table 19. Results of the irrigated late planted 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 11-04-05	Storm Resistance
		Lint	Seed	Picked	Pulled						
PhytoGen 440 W	920	27.1	42.9	37.4	27.5	4.3	9.1	5.8	27.7	66	2.6
FiberMax 5045 BR	874	28.1	45.5	36.2	26.4	4.8	8.8	5.2	33.4	64	3.4
Hazera 14-05	855	27.1	46.9	35.0	25.7	4.2	10.9	6.3	23.3	38	2.2
Stoneville NG 1553 R	793	25.2	44.8	33.7	24.6	5.0	9.7	5.2	32.4	85	3.4
PhytoGen 370 WR	750	28.1	40.7	38.8	27.7	4.3	8.7	5.8	28.5	37	2.4
AFD 3511 RR	717	23.9	48.7	33.0	26.1	5.5	10.7	5.5	33.3	67	3.3
Stoneville NG 2448 R	699	23.1	38.8	37.3	27.0	5.0	9.8	6.0	30.7	64	3.5
All-Tex Xpress RR	684	22.5	47.5	30.6	22.2	5.6	10.4	4.7	36.0	75	3.3
FiberMax 5035 LL	676	21.7	40.7	33.3	23.7	5.0	9.5	5.0	33.4	71	2.9
Paymaster HS 26	674	25.9	48.6	33.8	24.2	5.1	10.5	5.7	29.3	64	3.1
FiberMax 958	658	22.5	33.6	38.7	28.4	4.9	9.7	6.4	29.3	59	2.8
AFD 5062 LL (Tested as FiberMax BCSX 8836 LL)	654	24.8	42.2	38.0	28.1	5.5	10.4	6.7	31.4	59	3.0
Hazera HA 175	652	21.9	44.2	33.6	17.5	2.4	10.6	5.7	14.2	56	1.7
All-Tex Excess RR	645	22.2	43.8	32.2	23.3	6.1	11.1	5.5	35.9	67	3.2
PhytoGen 480 WR	619	24.9	43.1	36.0	26.5	3.9	8.7	5.2	26.9	56	2.5
PhytoGen 470 WR	612	25.7	41.8	36.5	27.5	4.2	9.1	5.6	27.3	56	2.6
Hazera 195-05	593	22.3	36.8	36.0	26.3	4.0	10.8	6.7	21.6	37	2.1
Deltapine X05V048 BR	477	25.8	45.6	36.7	27.0	4.7	9.4	5.7	30.5	54	3.0
Mean	697	24.6	43.1	35.3	25.5	4.7	9.9	5.7	29.1	60	2.8
C.V.%	20.4	6.2	6.0	1.6	3.6	7.2	5.7	4.0	7.6	21.6	6.0
LSD 0.05	169	2.7	4.5	1.0	1.6	0.6	1.0	0.4	3.8	15	0.2

Table 19A. Results of the irrigated late planted cotton variety test at the Texas Agricultural Experiment Station, Lubbock, TX, 2005.

Designation	Micro-		Uni-	Elon-	Leaf	Color		Loan	Gross Loan Value per Acre		
	naire	Length	formity	Strength	gation	Index	Rd +b	Grade ^{1/}	Value	\$	Rank
PhytoGen 440 W	3.6	1.09	81.9	28.7	8.2	3	77.6 8.8	21-2,31-3	0.5555	511.06	1
FiberMax 5045 BR	3.3	1.02	81.7	28.3	7.3	1	81.6 8.9	11-2	0.4813	420.66	3
Hazera 14-05	3.4	1.20	80.1	33.2	7.8	5	66.7 10.6	43-1,43-2	0.4550	389.02	5
Stoneville NG 1553 R	3.1	1.10	80.6	28.5	7.1	2	82.1 7.9	21-1	0.5350	424.26	2
PhytoGen 370 WR	3.9	1.03	80.8	27.1	6.8	2	79.2 8.9	21-1,21-2	0.5245	393.38	4
AFD 3511 RR	3.8	1.07	80.9	28.3	5.8	3	79.7 7.9	31-1	0.5415	388.26	6
Stoneville NG 2448 R	3.5	1.08	81.3	29.2	7.4	2	80.7 8.1	21-1,21-2	0.5478	382.91	8
All-Tex Xpress RR	3.3	1.08	82.7	30.5	5.6	2	81.0 7.8	21-1,21-2	0.5333	364.78	10
FiberMax 5035 LL	3.4	1.07	82.4	30.5	8.7	3	78.7 7.7	31-1,31-2	0.5345	361.32	11
Paymaster HS 26	3.7	1.09	82.0	30.7	7.0	3	78.9 7.8	31-1	0.5585	376.43	9
FiberMax 958	3.9	1.13	81.9	30.7	4.6	2	81.6 8.2	21-1	0.5820	382.96	7
AFD 5062 LL (Tested as FiberMax BCSX 8836 LL)	3.5	1.02	79.9	27.9	5.9	3	80.0 7.2	31-1,31-2	0.4988	326.22	16
Hazera HA 175	3.2	1.22	83.0	35.8	7.3	3	73.0 10.5	32-1	0.5118	333.69	14
All-Tex Excess RR	3.5	1.07	81.6	30.5	6.4	3	79.8 7.9	21-2,31-1	0.5453	351.72	12
PhytoGen 480 WR	3.6	1.08	81.5	27.6	8.2	2	76.9 8.1	31-1,41-1	0.5343	330.73	15
PhytoGen 470 WR	3.7	1.09	81.1	29.6	8.2	2	77.7 8.6	21-2,31-3	0.5638	345.05	13
Hazera 195-05	3.3	1.20	81.3	36.8	7.6	5	67.4 10.8	43-1,43-2	0.4455	264.18	17
Deltapine X05V048 BR	3.3	1.07	79.6	26.0	7.1	3	81.5 7.7	21-2	0.5198	247.94	18
Mean	3.5	1.09	81.3	30.0	7.0	2	78.0 8.5		0.5260		
C.V.%	3.8	1.7	1.0	3.1	6.4	29.8	1.5 3.1		3.4		
LSD 0.05	0.2	0.03	1.4	1.6	0.8	1	2.0 0.5		0.0306		

^{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.