

Table 17. Results of the irrigated late planted cotton variety test at the Texas Agricultural Experiment Station, Halfway, 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						
FiberMax 5045 BR	1679	27.4	46.1	37.7	26.9	5.9	10.7	6.7	32.9	33	3.2
AFD 5062 LL (Tested as FiberMax BCSX 8836 LL)	1136	23.6	39.7	37.0	29.1	7.3	12.9	7.9	34.1	35	3.0
PhytoGen 470 WR	1114	25.9	47.5	35.9	24.6	5.1	10.2	6.3	28.9	27	2.8
PhytoGen 440 W	1100	20.6	37.4	34.7	25.3	4.9	10.4	5.9	28.6	32	2.8
PhytoGen 480 WR	1051	24.1	47.6	33.0	23.4	4.6	10.5	5.5	27.6	21	2.6
FiberMax 5035 LL	1017	21.5	38.5	33.4	22.8	5.4	10.8	5.7	31.5	49	3.0
Stoneville NG1553 R	980	22.9	42.1	35.6	28.3	6.1	11.4	6.7	32.1	61	3.2
FiberMax 958	949	21.4	34.2	37.9	27.2	6.2	10.7	7.1	33.2	18	2.9
PhytoGen 370 WR	922	21.7	36.4	39.5	28.0	5.6	10.4	7.2	31.0	16	2.5
PhytoGen 310 R	881	22.0	33.7	38.9	28.0	5.3	11.0	7.5	27.7	14	2.6
Stoneville NG2448 R	789	23.8	42.4	37.9	27.3	6.6	11.5	7.2	34.2	17	3.4
All-Tex Excess	745	20.2	36.9	35.6	27.9	6.5	11.4	6.6	35.2	35	3.3
Mean	1030	22.3	40.0	35.9	26.3	5.8	11.1	6.6	31.7	31	3.0
C.V.%	11.1	4.4	4.4	2.5	4.9	9.5	3.9	5.6	8.9	52.3	6.2
LSD 0.05	171	1.7	3.1	1.6	2.3	1.0	0.8	0.6	5.0	19	0.2
The following entries were not harvested due to poor stands:											
All-Tex Xpress RR		21.3	43.5	32.3	23.1	6.4	12.1	6.0	34.3	51	3.5
Paymaster 183		22.0	42.9	34.1	26.6	6.5	11.6	6.3	35.4	37	4.0
PhytoGen 410 R		17.0	31.8	36.1	26.5	5.3	11.2	6.8	28.4	25	2.7

Table 17A. Results of the irrigated late planted test at the Texas Agricultural Experiment Station, Halfway, 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
FiberMax 5045 BR	3.1	1.05	80.7	28.5	7.2	1	77.8	9.6	21-3,21-4	0.4968	834.13	1
AFD 5062 LL (Tested as FiberMax BCSX 8836 LL)	3.4	1.08	81.5	28.3	5.8	2	72.5	11.2	22-2,33-3	0.4840	549.82	2
PhytoGen 470 WR	2.8	1.07	80.3	26.5	8.5	2	70.3	12.7	23-4	0.4228	471.00	8
PhytoGen 440 W	2.9	1.14	81.9	26.9	8.5	2	72.6	11.8	23-1,23-2	0.4375	481.25	7
PhytoGen 480 WR	2.9	1.12	80.6	26.8	8.1	3	73.4	11.1	23-1,32-1	0.4668	490.61	6
FiberMax 5035 LL	3.5	1.06	81.0	27.3	7.4	3	76.7	9.4	21-3,31-3	0.5248	533.72	3
Stoneville NG1553 R	3.0	1.12	80.5	28.3	7.2	2	79.4	9.0	11-4,21-2	0.5255	514.99	4
FiberMax 958	3.2	1.16	80.6	28.8	5.2	2	77.6	9.9	21-3	0.5415	513.88	5
PhytoGen 370 WR	2.8	1.08	80.7	26.7	6.8	1	71.5	13.1	13-4,24-1	0.4148	382.45	11
PhytoGen 310 R	4.3	1.11	81.2	25.9	7.0	2	72.9	11.6	23-1,23-2	0.4710	414.95	10
Stoneville NG2448 R	3.2	1.13	82.7	30.2	7.4	2	78.5	9.6	11-4,21-3	0.5450	430.00	9
All-Tex Excess	3.3	1.08	80.5	27.5	6.0	2	73.5	10.3	32-1	0.4938	367.88	12
All-Tex Xpress RR	3.1	1.10	82.6	28.7	6.7	2	79.8	8.5	21-1,21-2	0.5328		
Paymaster 183	3.8	1.03	81.5	28.3	6.1	2	76.5	9.2	31-3,31-1	0.5195		
PhytoGen 410 R	2.8	1.08	80.0	26.2	8.0	2	72.6	11.8	23-2,23-3	0.4303		
Mean	3.2	1.09	81.1	27.6	7.0	2	75.0	10.6		0.4870		
C.V. %	14.0	1.4	0.9	4.1	9.3	33.2	1.5	6.0		5.8		
LSD 0.05	0.8	0.03	1.3	2.0	1.2	1	2.0	1.1		0.0498		

^{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.