

Table 50. Results of the irrigated bacterial blight paid cotton variety test at the Lubbock City Farm, Lubbock, TX, 2005.

Designation	Agronomic Properties										
	Yield	% Turnout		% Lint		Boll Size	Seed Index	Lint Index	Seed Per Boll	Storm Resistance	Rating*
		Lint	Seed	Picked	Pulled						
FiberMax 958	994	25.1	39.9	39.6	30.5	5.4	10.8	7.3	29.1	2.9	0
FiberMax 960 B2 (Tested as BCSX 0222 B2)	911	26.0	42.0	39.7	29.7	4.9	10.4	7.1	27.5	2.8	1
PhytoGen 370 WR	877	27.8	41.1	40.1	29.2	4.3	9.0	6.4	26.6	2.4	31
AFD 5062 LL (Tested as FiberMax BCSX 8836 LL)	849	25.1	42.7	38.0	29.0	5.7	11.5	7.4	29.5	3.0	24
Raider 271	737	20.8	44.5	32.7	24.5	5.9	10.8	5.5	35.5	3.0	3
PhytoGen 470 WR	725	23.8	39.1	38.2	28.6	4.1	9.0	5.8	26.9	2.7	100
All-Tex Atlas	691	22.5	42.5	35.0	26.3	5.7	10.6	6.0	33.5	3.1	98
All-Tex Patriot RR	681	25.2	43.0	36.2	25.3	5.1	9.2	5.5	33.6	2.8	92
All-Tex Magnum RR	655	25.5	41.3	38.3	29.2	5.1	9.4	6.0	32.5	2.8	97
Concho 287	655	21.8	39.0	35.6	26.2	4.9	9.7	5.6	31.1	3.2	54
All-Tex Warrior RR	550	20.1	39.9	35.6	26.6	4.7	9.1	5.1	32.8	3.0	89
All-Tex 317 RR	540	20.8	39.6	35.9	26.3	4.3	9.0	5.2	29.8	2.9	100
Mean	739	23.7	41.2	37.0	27.6	5.0	9.8	6.1	30.7	2.9	57
C.V.%	10.9	4.9	3.8	2.2	4.2	5.7	4.8	4.6	4.3	2.8	21.8
LSD 0.05	97	2.1	2.8	1.5	2.1	0.5	0.9	0.5	2.4	0.1	15

\*Bacterial blight percent disease.

Table 50A. Results of the irrigated bacterial blight paid test at the Lubbock City Farm, Lubbock, TX, 2005.

Designation	Micro-		Uni-	Elon-	Leaf	Rd	+b	Color	Loan	Gross Loan Value per Acre		
	naire	Length	formity							Strength	Grade <sup>1/</sup>	Value
FiberMax 958	3.6	1.11	80.9	28.3	3.8	2	77.5	8.3	31-1	0.5558	552.47	1
FiberMax 960 B2 (Tested as BCSX 0222 B2)	3.8	1.12	80.9	30.0	4.5	2	77.8	7.6	31-2	0.5683	517.72	2
PhytoGen 370 WR	3.7	1.05	80.0	27.0	6.0	1	77.9	8.4	31-1	0.5408	474.28	3
AFD 5062 LL (Tested as FiberMax BCSX 8836 LL)	3.9	1.05	80.7	27.3	5.0	3	74.7	7.6	41-1,41-2	0.5163	438.34	4
Raider 271	3.8	1.15	81.2	30.1	5.1	2	76.5	8.1	31-2	0.5740	423.04	5
PhytoGen 470 WR	3.7	1.06	81.9	26.7	7.6	2	76.7	8.4	31-1,31-2	0.5408	392.08	6
All-Tex Atlas	4.0	1.04	81.7	28.5	6.3	3	77.9	7.8	31-1,31-2	0.5320	367.61	7
All-Tex Patriot RR	3.6	1.07	80.2	26.1	6.2	1	79.8	7.7	21-2,31-2	0.5315	361.95	8
All-Tex Magnum RR	3.5	1.08	80.0	27.0	6.2	1	81.1	7.7	21-2	0.5465	357.96	9
Concho 287	4.1	1.05	81.1	27.4	6.3	2	74.5	8.5	31-4,41-3	0.5245	343.55	10
All-Tex Warrior RR	3.3	1.07	79.4	25.9	5.2	2	77.7	8.0	31-1,31-2	0.5298	291.39	12
All-Tex 317 RR	3.8	1.08	80.3	28.2	6.0	1	80.3	7.0	31-1	0.5625	303.75	11
Mean	3.7	1.08	80.7	27.7	5.7	2	77.7	7.9		0.5440		
C.V.%	4.9	2.1	1.4	2.2	6.6	32.1	1.1	4.0		2.3		
LSD 0.05	0.3	0.04	2.1	1.1	0.7	1	1.5	0.6		0.0221		

<sup>1/</sup> 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.