

Table 35. Results of the irrigated bacterial blight yield test at the City Farm, Lubbock, TX, 2003.

Designation	Yield	Agronomic Properties								
		% Turnout		% Lint		Boll Size	Seed Index	Lint Index	Seed Per Boll	Storm Resistance
		Lint	Seed	Picked	Pulled					
FiberMax 958	1531	26.3	42.2	37.3	28.5	6.0	11.8	7.3	30.5	2.9
Stoneville 1T RR007	1389	27.3	43.9	37.4	25.2	4.8	10.9	6.9	26.2	3.6
Stoneville 2448 R	1369	26.5	44.4	38.7	29.9	6.0	11.6	7.4	31.3	3.1
Stoneville 5242 BR	1287	27.4	42.7	38.3	29.6	5.8	11.9	7.7	28.5	1.8
Stoneville 4646 B2R	1274	26.1	41.8	38.8	30.2	6.2	11.8	7.8	31.1	2.0
Beltwide Cotton Genetics 28R	1184	24.4	43.5	35.5	27.0	4.8	9.9	5.7	29.8	2.7
Stoneville 3990 BR	1175	25.3	45.0	36.4	28.0	5.9	11.9	7.1	30.2	1.9
Stoneville 5303 R	1139	25.7	42.7	37.4	28.8	5.4	11.1	6.8	29.5	2.6
All-Tex Excess	1092	24.3	44.0	37.0	28.3	5.9	11.9	7.2	30.6	3.2
Beltwide Cotton Genetics 24R	1072	23.8	42.8	36.4	28.3	5.0	9.9	5.9	30.6	2.9
GENETEX HW-511 RR	1044	22.6	46.8	31.9	24.6	5.7	12.4	6.2	29.5	3.2
All-Tex Excess RR	997	22.5	43.9	33.9	25.5	6.1	12.3	6.6	31.7	3.0
Stoneville 1T RR035	995	23.5	42.4	35.6	26.8	6.1	12.3	7.2	30.0	2.9
Stoneville 1553 R	949	24.2	45.7	33.3	26.0	5.6	11.7	6.2	30.0	3.0
Paymaster 2326 RR	901	25.3	44.7	34.6	26.4	5.3	12.0	6.7	27.7	3.1
All-Tex 85039 BG/R	898	23.7	44.5	34.3	26.5	5.8	12.2	6.7	29.8	3.0
Stoneville 1T RR065	841	24.5	42.0	36.9	27.8	6.1	12.0	7.3	30.6	2.8
Stoneville 1T RR018	751	23.2	40.8	37.6	27.9	5.7	11.9	7.4	28.7	3.1
Mean	1105	24.8	43.5	36.2	27.5	5.6	11.6	6.9	29.8	2.8
C.V.%	7.9	3.8	4.1	3.2	4.0	4.6	2.7	4.9	5.3	6.4
LSD 0.05	103	1.6	3.1	2.0	1.9	0.5	0.6	0.6	2.8	0.2

Table 35A. Results of the irrigated bacterial blight yield cotton variety test at the Lubbock City Farm, Lubbock, TX, 2003.

Designation	Micro-		Uni-		Elon- gation	Leaf		Color Grade <sup>1/</sup>	Loan Value	Gross Loan Value per Acre		
	naire Length		formity Strength			Rd	+b			\$	Rank	
FiberMax 958	4.3	1.18	82.8	31.5	4.7	1	77.6	8.3	31-1,31-4	0.5638	863.18	1
Stoneville 1T RR007	4.6	1.04	82.9	27.1	7.2	1	77.1	8.9	21-4,31-4	0.5068	703.95	3
Stoneville 2448 R	4.5	1.10	83.2	29.7	6.2	1	76.8	8.3	31-2	0.5545	759.11	2
Stoneville 5242 BR	4.4	1.08	83.0	26.2	6.8	1	77.1	8.7	21-4,31-2	0.5445	700.77	5
Stoneville 4646 B2R	4.6	1.09	83.1	27.1	7.2	1	77.4	8.7	31-1	0.5518	702.99	4
Beltwide Cotton Genetics 28R	4.0	1.14	82.2	26.8	5.6	1	75.8	8.9	31-3	0.5560	658.30	6
Stoneville 3990 BR	4.1	1.06	83.1	25.8	7.6	1	76.8	8.6	31-3,31-4	0.5383	632.50	7
Stoneville 5303 R	4.3	1.09	83.5	29.3	5.8	1	75.5	9.5	31-3	0.5525	629.30	8
All-Tex Excess	4.3	1.08	82.2	28.3	5.8	1	75.1	8.2	31-4	0.5373	586.73	10
Beltwide Cotton Genetics 24R	4.0	1.12	83.0	28.1	7.4	2	77.4	8.4	21-2,31-4	0.5600	600.32	9
GENETEX HW-511 RR	4.3	1.10	83.2	29.8	6.1	1	74.9	9.0	31-4	0.5583	582.87	11
All-Tex Excess RR	4.2	1.12	83.1	29.8	6.6	1	76.3	8.4	31-4,41-4	0.5603	558.62	12
Stoneville 1T RR035	3.7	1.08	81.8	26.9	6.9	1	76.7	9.0	31-3	0.5428	540.09	13
Stoneville 1553 R	4.0	1.14	82.7	29.7	6.1	1	77.1	8.7	31-1	0.5605	531.91	14
Paymaster 2326 RR	4.6	1.09	83.0	29.3	6.4	2	75.2	8.8	21-4,31-4	0.5515	496.90	15
All-Tex 85039 BG/R	4.4	1.09	82.2	27.8	7.3	1	76.1	8.7	31-1,31-4	0.5498	493.72	16
Stoneville 1T RR065	4.5	1.11	82.8	29.8	6.4	1	74.5	8.8	31-3,41-3	0.5505	462.97	17
Stoneville 1T RR018	3.9	1.13	82.6	27.5	6.9	1	75.4	9.5	31-3	0.5560	417.56	18
Mean	4.2	1.10	82.8	28.3	6.5	1	76.2	8.7		0.5497		
C.V.%	3.8	1.30	0.5	2.0	6.4	23.0	1.4	3.7		1.3		
LSD 0.05	0.3	0.02	0.7	1.0	0.7	0	1.9	0.6		0.0123		

<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.