

Table 23f

Texas Lower Rio Grande Valley

Cotton Insect Losses 2007

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	70,000	70,000	0.700	\$8.75	\$6.13	1.23	3,190
Bollworm/Budworm	100,000	50,000	1.000	\$11.00	\$11.00	15.00	39,063
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	100,000	100,000	2.000	\$8.00	\$16.00	10.00	26,042
Lygus	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Leaf Perforator	4,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	12,500	3,000	0.030	\$12.50	\$0.38	0.06	163
Thrips	30,000	18,000	0.180	\$8.00	\$1.44	0.60	1,563
Beet Armyworm	35,000	5,000	0.050	\$13.75	\$0.69	0.09	228
Fall Armyworm	35,000	10,000	0.100	\$13.75	\$1.38	0.18	456
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	0	0	0.000	N/A	\$0.00	0.00	0
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	2,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	100,000	70,000	0.700	\$7.50	\$5.25	2.00	5,208
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	50,000	30,000	0.300	\$18.00	\$5.40	1.50	3,906
Loopers	50,000	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0

Percent Lost	30.65
Total Acres	100,000
Total Bales lost	79,818
Bales lost in dollars	\$22,987,500

Est. yield/acre	600
Spray applications	5.060
Cost + loss	\$30,716,250
Cost + loss/acre	\$307.16

	Cost/Acre
Foliar insecticide	\$47.65
At planting	\$0.74
Bt use fees	\$3.70
Eradication	\$18.70
Scouting	\$6.50
Total	\$77.29

