

Table 23f Texas Lower Rio Grande Valley Cotton Insect Losses 2006

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	106,901	106,901	1.666	\$8.75	\$14.58	0.23	1,122
Bollworm/Budworm	106,901	35,277	0.110	\$11.00	\$1.21	0.12	601
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	106,901	25,000	0.097	\$8.00	\$0.78	0.21	1,002
Lygus	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Leaf Perforator	10,690	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	106,901	35,277	0.206	\$12.50	\$2.58	0.08	401
Thrips	106,901	10,000	0.047	\$8.00	\$0.37	0.04	200
Beet Armyworm	106,901	10,000	0.038972	\$13.75	\$0.535862	0.06	301
Fall Armyworm	5,000	0	0.000	N/A	\$0.00	0.00	0
European Comborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	4,000	2,500	0.010	\$10.00	\$0.10	0.00	19
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	106,901	35,277	0.137	\$7.50	\$1.03	0.21	1,002
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	106,901	50,000	0.487	\$18.00	\$8.77	3.71	17,839
Loopers	53,450	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	4.67		Est. yield/acre	209			Cost/ Acre
						Foliar insecticide	\$29.96
Total Acres	256,596		Spray applications	2.800		At planting	\$0.76
						Bt use fees	\$0.66
Total Bales lost	22,488		Cost + loss	\$22,354,444		Eradication	\$28.00
Bales lost in dollars	\$6,476,545		Cost + loss/acre	\$87.12		Scouting	\$2.50
						Total	\$61.88