

Table 23f Texas Lower Rio Grande Valley Cotton Insect Losses 2003

Pest	acres infested	acres treated	◆ # insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	185,000	150,000	2.247	\$7.00	\$15.73	3.23	11,466
Bollworm/Budworm	200,285	75,000	0.374	\$8.00	\$3.00	0.75	2,660
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	200,285	65,000	0.325	\$4.50	\$1.46	0.25	887
Lygus	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Leaf Perforator	50,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	100,000	10,000	0.050	\$8.50	\$0.42	0.00	0
Thrips	200,285	0	0.000	N/A	\$0.00	0.00	0
Beet Armyworm	25,000	3,500	0.026213	\$9.00	\$0.235914	0.00	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
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	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	200,285	140,000	0.699	\$6.50	\$4.54	0.00	0
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemisia)	200,285	0	0.000	N/A	\$0.00	0.00	0
Loopers	200,285	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	30,000	5,000	0.025	\$8.50	\$0.21	0.00	0

Percent Lost	4.23
Total Acres	200,285
Total Bales lost	15,013
Bales lost in dollars	\$4,323,704

Est. yield/acre	575
Spray applications	3.746
Cost + loss	\$10,599,954
Cost + loss/acre	\$52.92

	Cost/ Acre
Foliar insecticide	\$25.60
At planting	\$1.27
Bt use fees	\$0.72
Eradication	\$0.00
Scouting	\$3.74
Total	\$31.34