

Table 23b Texas Lower Coastal Bend Cotton Insect Losses – 2005

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	68,370	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	525,920	420,736	1.200	\$9.95	\$11.94	2.00	21,913
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	525,920	462,810	1.320	\$4.65	\$6.14	0.50	5,478
Lygus	173,554	5,600	0.011	\$8.90	\$0.09	0.00	0
Cotton Leaf Perforator	60,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	515,800	32,000	0.061	\$9.40	\$0.57	0.00	0
Thrips	525,920	110,443	0.210	\$5.90	\$1.24	0.00	0
Beet Armyworm	141,998	1,500	0.003	\$11.00	\$0.03	0.00	0
Fall Armyworm	210,368	100,000	0.190	\$12.40	\$2.36	0.01	131
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	373,403	99,925	0.190	\$7.10	\$1.35	0.35	3,890
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	3,400	0	0.000	N/A	\$0.00	0.00	0
Aphids	525,920	289,256	0.550	\$7.19	\$3.95	0.00	0
Banded Winged Whitefly	26,000	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	420,736	90,500	0.172	\$8.80	\$1.51	0.00	0
Southern Armyworms	8,000	0	0.000	N/A	\$0.00	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	131,480	29,037	0.055	\$5.02	\$0.28	0.00	0
Percent Lost	2.87		Est. yield/acre	673			Cost/ Acre
						Foliar insecticide	\$29.47

Total Acres	525,920	Spray applications	3.962	At planting	\$3.77
				Bt use fees	\$3.31
		Cost + loss	\$42,899,028	Eradication	\$23.14
Total Bales lost	31,413			Scouting	\$4.68
Bales lost in dollars	\$9,046,875	Cost + loss/acre	\$81.57	Total	\$64.37