

Table 23c Texas North Rolling Plains Cotton Insect Losses – 2005

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	30,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	500,000	25,000	0.050	\$8.00	\$0.40	4.00	35,417
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	500,000	100,000	0.200	\$7.50	\$1.50	1.00	8,854
Lygus	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.00	0
Thrips	500,000	0	0.000	N/A	\$0.00	0.00	0
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	5,000	5,000	0.010	\$10.50	\$0.11	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	0	0	0.000	N/A	\$0.00	0.00	0
Banded Winged Whitefly	0	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	0	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	5.00		Est. yield/acre	500			Cost/ Acre
						Foliar insecticide	\$2.01

Total Acres	500,000	Spray applications	0.260	At planting	\$0.27
				Bt use fees	\$2.00
		Cost + loss	\$20,507,500	Eradication	\$11.00
Total Bales lost	44,271			Scouting	\$0.24
Bales lost in dollars	\$12,750,000	Cost + loss/acre	\$41.02	Total	\$15.52