

Table 23b

Pest	Texas Panhandle			Cotton Insect Losses 2007			
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	64,662	16,165	0.100	\$10.00	\$1.00	0.80	2,613
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	50,484	18,233	0.113	\$8.00	\$0.90	0.31	1,020
Lygus	45,000	5,400	0.033	\$8.00	\$0.27	0.00	0
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	19,390	0	0.000	N/A	\$0.00	0.00	0
Thrips	134,962	115,626	0.858	\$9.00	\$7.72	1.67	5,455
Beet Armyworm	0	0	0.000	N/A	\$0.00	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	3,880	0	0.000	N/A	\$0.00	0.00	0
Grasshoppers	27,748	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	130,774	10,460	0.065	\$10.00	\$0.65	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	2.78
Total Acres	161,656
Total Bales lost	9,088
Bales lost in dollars	\$2,617,440

Est. yield/acre	780
Spray applications	1.169
Cost + loss	\$7,017,840
Cost + loss/acre	\$43.41

	Cost/Acre
Foliar insecticide	\$10.54
At planting	\$10.28
Bt use fees	\$1.96
Eradication	\$3.25
Scouting	\$1.19
Total	\$27.22

