

Table 23d Texas High Plains Cotton Insect Losses 2006

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	47,000	0	0.000	N/A	\$0.00	0.01	514
Bollworm/Budworm	1,300,000	39,000	0.012	\$6.50	\$0.08	0.39	28,438
Pink Bollworm	170,000	0	0.000	N/A	\$0.00	0.01	372
Cotton Fleahopper	1,600,000	22,000	0.007	\$6.50	\$0.04	0.05	3,500
Lygus	200,000	21,000	0.006	\$7.00	\$0.04	0.01	438
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	1,890,000	760,021	0.271	\$9.00	\$2.44	0.56	41,344
Beet Armyworm	200,000	100	0.000	\$12.25	\$0.00	0.01	438
Fall Armyworm	750,000	0	0.000	N/A	\$0.00	0.02	1,641
European Comborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	50,000	0	0.000	N/A	\$0.00	0.00	0
Grasshoppers	25,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	950,000	1,000	0.000	\$14.00	\$0.00	0.03	2,078
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
Darkling Beetle	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	10,000	0	0.000	N/A	\$0.00	0.00	0
Percent Lost	1.07		Est. yield/acre	266			Cost/ Acre
						Foliar insecticide	\$2.61
Total Acres	3,360,000		Spray applications	0.296		At planting	\$1.79
						Bt use fees	\$1.09
Total Bales lost	78,761		Cost + loss	\$65,330,102		Eradication	\$6.50
Bales lost in dollars	\$22,683,150		Cost + loss/acre	\$19.44		Scouting	\$0.70
						Total	\$12.69