

Table 23d Texas High Plains Cotton Insect Losses 2003

Pest	acres infested	acres treated	◆ # insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	371,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	1,080,000	150,000	0.067	\$9.00	\$0.60	0.19	11,250
Pink Bollworm	170,000	30,000	0.053	\$10.75	\$0.57	0.02	885
Cotton Fleahopper	1,500,000	65,000	0.029	\$5.50	\$0.16	0.20	11,719
Lygus	500,000	5,000	0.002	\$9.75	\$0.02	0.01	651
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	3,000	0	0.000	N/A	\$0.00	0.00	0
Thrips	2,249,910	70,000	0.031	\$5.25	\$0.16	0.20	11,718
Beet Armyworm	115,000	6,000	0.003	\$11.75	\$0.03	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	675,000	35,000	0.017	\$9.50	\$0.16	0.05	2,637
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	1,700,000	55,000	0.024	\$9.25	\$0.23	0.08	4,427
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemisia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	40,000	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	210,000	10,000	0.004	\$8.75	\$0.04	0.00	273
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0

Percent Lost	0.74	Est. yield/acre	449	Cost/ Acre	
Total Acres	2,249,910	Spray applications	0.231	Foliar insecticide	\$1.98
Total Bales lost	43,561	Cost + loss	\$49,159,820	At planting	\$2.71
Bales lost in dollars	\$12,545,490	Cost + loss/acre	\$21.85	Bt use fees	\$2.60
				Eradication	\$7.93
				Scouting	\$1.06
				Total	\$16.27