

Table 23 Texas Summary Cotton Insect Losses 2006

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	628,858	106,901	0.070	\$8.75	\$0.62	0.01	1,637
Bollworm/Budworm	2,257,342	498,858	0.094	\$9.11	\$0.85	0.34	43,437
Pink Bollworm	202,000	0	0.000	N/A	\$0.00	0.00	372
Cotton Fleahopper	2,969,487	515,031	0.097	\$8.59	\$0.84	0.10	13,113
Lygus	290,000	37,500	0.006	\$8.10	\$0.05	0.00	454
Cotton Leaf Perforator	25,690	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	381,246	63,092	0.013	\$11.86	\$0.16	0.01	1,640
Thrips	3,080,731	1,015,182	0.192	\$8.37	\$1.61	0.39	49,147
Beet Armyworm	546,901	18,100	0.003	\$13.19	\$0.04	0.01	1,496
Fall Armyworm	1,071,088	50,574	0.008	\$9.86	\$0.08	0.02	2,299
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	418,717	114,347	0.028	\$8.03	\$0.22	0.02	1,918
Grasshoppers	26,000	200	0.000	\$8.00	\$0.00	0.00	1
Saltmarsh Caterpillars	5,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	1,459,601	114,119	0.019	\$8.34	\$0.16	0.03	3,195
Banded Winged Whitefly	24,000	1,000	0.000	\$9.95	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	141,901	61,400	0.022	\$17.55	\$0.39	0.14	18,040
Loopers	77,950	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	155,000	29,672	0.010	\$8.80	\$0.09	0.02	3,125
Cutworms	31,500	9,926	0.002	\$6.12	\$0.01	0.00	2
Percent Lost	1.11		Est. yield/acre	289			Cost/ Acre
						Foliar insecticide	\$5.12
Total Acres	6,081,224		Spray applications	0.565		At planting	\$1.85
						Bt use fees	\$3.26
			Cost + loss	\$164,316,142		Eradication	\$9.07
Total Bales lost	139,877					Scouting	\$1.10
Bales lost in dollars	\$40,284,471		Cost + loss/acre	\$27.02		Total	\$20.40