

Table 22 Tennessee Cotton Insect Losses 2006

Pest	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	670,000	402,000	0.900	\$8.00	\$7.20	4.00	61,417
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	0	0	0.000	N/A	0.00	0.00	0
Lygus	670,000	550,000	1.067	\$8.00	\$8.54	0.30	4,606
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	220,000	61,000	0.109	\$10.50	\$1.15	0.20	3,025
Thrips	670,000	280,000	0.418	\$5.50	\$2.30	0.40	6,142
Beet Armyworm	67,000	1,400	0.002	\$9.50	\$0.02	0.00	0
Fall Armyworm	400,000	40,000	0.060	\$9.00	\$0.54	0.30	4,583
European Comborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	500,000	195,000	0.320	\$7.75	\$2.48	0.50	7,677
Grasshoppers	40,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	30,000	700	0.001	\$8.00	\$0.01	0.00	0
Aphids	670,000	11,000	0.016	\$7.90	\$0.13	0.09	1,382
Banded Winged Whitefly	1,000	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	210,000	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Clouded Plant Bug	425,000	225,000	0.403	\$8.00	\$3.22	0.51	7,792
Cutworms	30,000	390,000	0.582	\$1.50	\$0.87	0.00	7
Percent Lost	6.29		Est. yield/acre	900			Cost/ Acre
						Foliar insecticide	\$26.46
Total Acres	670,000		Spray applications	3.879		At planting	\$8.56
						Bt use fees	\$11.97
Total Bales lost	96,630		Cost + loss	\$69,377,855		Eradication	\$9.78
Bales lost in dollars	\$27,829,560		Cost + loss/acre	\$103.55		Scouting	\$5.25
						Total	\$62.01