

Table 22 Tennessee Cotton Insect Losses – 2005

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	616,000	135,000	0.241	\$7.50	\$1.81	0.90	11,550
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	5,000	0	0.000	N/A	0.00	0.00	0
Lygus	616,000	492,800	1.200	\$7.50	\$9.00	0.40	5,133
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	369,600	61,600	0.140	\$10.25	\$1.44	0.18	2,310
Thrips	616,000	154,000	0.250	\$5.25	\$1.31	0.20	2,567
Beet Armyworm	24,000	800	0.001	\$9.50	\$0.01	0.00	0
Fall Armyworm	210,000	25,000	0.041	\$8.70	\$0.35	0.07	875
European Cornborer	1,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	492,000	246,400	0.440	\$7.75	\$3.41	0.72	9,225
Grasshoppers	60,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	1,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	616,000	3,300	0.005	\$7.70	\$0.04	0.02	257
Banded Winged Whitefly	8,000	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	200,000	1,000	0.002	\$9.50	\$0.02	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Clouded Plant Bug	460,000	360,000	0.701	\$8.30	\$5.82	0.67	8,625
Cutworms	55,000	394,000	0.640	\$1.40	\$0.90	0.00	11
Percent Lost	3.16		Est. yield/acre	800			Cost/ Acre
						Foliar insecticide	\$24.10

Total Acres	616,000	Spray applications	3.661	At planting	\$8.56
				Bt use fees	\$15.21
		Cost + loss	\$50,435,076	Eradication	\$9.80
Total Bales lost	40,553			Scouting	\$5.25
Bales lost in dollars	\$11,679,300	Cost + loss/acre	\$81.88	Total	\$62.92