

**Table 22**

Pest	Tennessee				Cotton Insect Losses 2007		
	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	400,000	100,000	0.240	\$8.50	\$2.04	0.80	9,167
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	500,000	400,000	0.960	\$8.50	\$8.16	0.60	6,875
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	200,000	100,000	0.260	\$11.50	\$2.99	0.76	8,708
Thrips	500,000	415,000	0.996	\$6.00	\$5.98	1.20	13,750
Beet Armyworm	20,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	43,000	1,750	0.004	\$9.25	\$0.03	0.01	99
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	460,000	180,000	0.432	\$8.00	\$3.46	0.62	7,063
Grasshoppers	20,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	11,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	370,000	9,000	0.018	\$0.00	\$0.00	0.07	848
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	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
False Chinch Bug	13,000	2,000	0.005	\$8.60	\$0.04	0.00	9
Cutworms	25,000	280,000	0.560	\$4.00	\$2.24	0.00	0

Percent Lost	4.06
Total Acres	500,000
Total Bales lost	46,518
Bales lost in dollars	\$13,397,274

Est. yield/acre	580
Spray applications	3.474
Cost + loss	\$45,015,102
Cost + loss/acre	\$90.03

	Cost/Acre
Foliar insecticide	\$24.94
At planting	\$8.55
Bt use fees	\$14.25
Eradication	\$9.50
Scouting	\$6.00
Total	\$63.24

