

Table 22b Tennessee nonBT=t Cotton Insect Losses 2003

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	81,600	61,200	1.050	\$9.25	\$9.71	6.15	8,887
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	1,760	0	0.000	N/A	0.00	0.00	0
Lygus	81,600	61,765	1.060	\$8.25	\$8.74	0.50	723
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	31,000	2,640	0.036	\$12.40	\$0.44	0.01	16
Thrips	81,600	28,160	0.345	\$5.95	\$2.05	0.50	723
Beet Armyworm	2,500	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	40,800	5,280	0.065	\$9.00	\$0.58	0.23	325
European Cornborer	1,300	0	0.000	N/A	\$0.00	0.00	1
Stink Bugs	81,600	52,800	0.712	\$8.00	\$5.69	1.00	1,445
Grasshoppers	3,500	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	62,000	350	0.004	\$8.20	\$0.04	0.01	11
Banded Winged Whitefly	17,600	0	0.000	N/A	\$0.00	0.00	3
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	7,000	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 Bugs	55,400	51,000	0.875	\$8.50	\$7.44	0.68	981
Cutworms	3,560	54,560	0.669	\$1.25	\$0.84	0.00	0

Percent Lost	9.08
Total Acres	81,600
Total Bales lost	13,115
Bales lost in dollars	\$3,777,014

Est. yield/acre	739
Spray applications	4.815
Cost + loss	\$9,478,495
Cost + loss/acre	\$116.16

	Cost/ Acre
Foliar insecticide	\$35.53
At planting	\$8.46
Bt use fees	\$0.00
Eradication	\$21.33
Scouting	\$4.55
Total	\$69.87