

Table 22 Tennessee Summary 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	544,000	406,200	0.919	\$8.42	\$7.74	2.62	25,263
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	11,760	0	0.000	N/A	0.00	0.00	0
Lygus	544,000	411,765	1.060	\$8.25	\$8.74	0.50	4,817
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	206,000	17,640	0.036	\$12.40	\$0.44	0.01	109
Thrips	544,000	188,160	0.346	\$5.95	\$2.06	0.50	4,817
Beet Armyworm	15,500	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	270,800	35,280	0.065	\$9.00	\$0.58	0.16	1,547
European Cornborer	1,300	0	0.000	N/A	\$0.00	0.00	1
Stink Bugs	544,000	352,800	0.769	\$8.00	\$6.15	1.09	10,452
Grasshoppers	23,500	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	412,000	2,350	0.004	\$8.20	\$0.04	0.01	73
Banded Winged Whitefly	117,600	0	0.000	N/A	\$0.00	0.00	21
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	47,000	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	370,400	341,000	0.931	\$8.50	\$7.91	0.74	7,117
Cutworms	23,560	364,560	0.670	\$1.25	\$0.84	0.00	0

Percent Lost	5.63
Total Acres	544,000
Total Bales lost	54,217
Bales lost in dollars	\$15,614,573

Est. yield/acre	768
Spray applications	4.799
Cost + loss	\$63,694,970
Cost + loss/acre	\$117.09

	Cost/ Acre
Foliar insecticide	\$34.50
At planting	\$8.47
Bt use fees	\$19.55
Eradication	\$21.33
Scouting	\$4.54
Total	\$88.38