

Pest	acres		Tennessee	Summary	Cotton Insect Losses ♦ 2004		
	infested	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	510,000	70,000	0.143	\$8.00	\$1.15	1.14	11,500
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	5,350	0	0.000	N/A	0.00	0.00	0
Lygus	510,000	382,500	0.900	\$8.00	\$7.20	0.40	4,038
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	255,000	40,265	0.111	\$10.25	\$1.13	0.07	656
Thrips	510,000	153,000	0.300	\$5.95	\$1.79	0.30	3,028
Beet Armyworm	2,300	240	0.000	\$9.50	\$0.00	0.00	0
Fall Armyworm	55,250	480	0.001	\$9.00	\$0.01	0.01	125
European Comborer	200	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	429,450	161,050	0.347	\$8.00	\$2.78	0.50	5,071
Grasshoppers	21,475	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	510,000	1,610	0.003	\$8.20	\$0.03	0.02	202
Banded Winged Whitefly	10,735	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	8,650	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	382,500	322,105	0.817	\$8.50	\$6.94	0.82	8,301
Cutworms	53,685	330,695	0.648	\$1.50	\$0.97	0.00	21

Percent Lost	3.26
Total Acres	510,000
Total Bales lost	32,942
Bales lost in dollars	\$9,487,224

Est. yield/acre	839
Spray applications	3.271
Cost + loss	\$44,386,782
Cost + loss/acre	\$87.03

	Cost/ Acre
Foliar insecticide	\$22.00
At planting	\$8.46
Bt use fees	\$21.42
Eradication	\$12.00
Scouting	\$4.55
Total	\$68.43