

Pest	Tennessee non <i>Bt</i>			Cotton Insect Losses ♦ 2004			
	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	35,000	10,000	0.371	\$8.00	\$2.97	3.03	2,099
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	350	0	0.000	N/A	0.00	0.00	0
Lygus	35,000	26,250	0.900	\$8.00	\$7.20	0.40	277
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	17,500	2,765	0.111	\$10.25	\$1.13	0.07	45
Thrips	35,000	10,500	0.300	\$5.95	\$1.79	0.30	208
Beet Armyworm	300	40	0.001	\$9.50	\$0.01	0.00	0
Fall Armyworm	5,250	80	0.002	\$9.00	\$0.02	0.04	26
European Cornborer	200	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	29,450	11,050	0.347	\$8.00	\$2.78	0.46	321
Grasshoppers	1,475	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	35,000	110	0.003	\$8.20	\$0.03	0.02	14
Banded Winged Whitefly	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	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 Bugs	26,250	22,105	0.758	\$8.50	\$6.44	0.79	546
Cutworms	3,685	22,695	0.648	\$1.50	\$0.97	0.00	1

  

Percent Lost	5.11	Est. yield/acre	820
Total Acres	35,000	Spray applications	3.442
Total Bales lost	3,536	Cost + loss	\$2,710,707
Bales lost in dollars	\$1,018,449	Cost + loss/acre	\$77.45

  

	Cost/ Acre
Foliar insecticide	\$23.34
At planting	\$8.46
Bt use fees	\$0.00
Eradication	\$12.00
Scouting	\$4.55
Total	\$48.35