

Table 13a Georgia Bt 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	700,000	300,000	0.333	\$8.00	\$2.67	0.78	14,583
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	200,000	100,000	0.156	\$6.00	\$0.93	0.04	833
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.00	0
Thrips	800,000	50,000	0.056	\$5.00	\$0.28	0.09	1,667
Beet Armyworm	50,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	100,000	10,000	0.011	\$9.00	\$0.10	0.01	208
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	850,000	700,000	1.556	\$7.00	\$10.89	2.83	53,125
Grasshoppers	50,000	5,000	0.006	\$7.00	\$0.04	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	450,000	25,000	0.028	\$8.00	\$0.22	0.00	0
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemisia)	5,000	0	0.000	N/A	\$0.00	0.00	0
Loopers	50,000	5,000	0.006	\$10.00	\$0.06	0.00	0
Southern Armyworms	200,000	0	0.000	N/A	\$0.00	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	9,000	1,000	0.001	\$7.00	\$0.01	0.00	0

Percent Lost	3.76	Est. yield/acre	800	Cost/ Acre	
Total Acres	900,000	Spray applications	2.151	Foliar insecticide	\$15.19
Total Bales lost	70,417	Cost + loss	\$74,227,000	At planting	\$8.33
Bales lost in dollars	\$20,280,000	Cost + loss/acre	\$82.47	Bt use fees	\$26.00
				Eradication	\$3.75
				Scouting	\$6.67
				Total	\$59.94