

Table 13a Georgia *Bt* Cotton Insect Losses – 2005

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	950,000	500,000	0.558	\$8.00	\$4.47	1.33	29,688
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	600,000	150,000	0.140	\$6.50	\$0.91	0.28	6,250
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	10,000	500	0.000	\$10.00	\$0.00	0.00	0
Thrips	900,000	120,000	0.112	\$6.00	\$0.67	0.08	1,875
Beet Armyworm	25,000	10,000	0.009	\$9.00	\$0.08	0.00	0
Fall Armyworm	150,000	30,000	0.028	\$9.00	\$0.25	0.03	625
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	950,000	900,000	2.093	\$7.50	\$15.70	1.77	39,583
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	750,000	100,000	0.093	\$8.00	\$0.74	0.07	1,563
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	25,000	0	0.000	N/A	\$0.00	0.00	0
Loopers	500,000	125,000	0.116	\$10.00	\$1.16	0.05	1,042
Southern Armyworms	15,000	0	0.000	N/A	\$0.00	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	10,000	0	0.000	N/A	\$0.00	0.00	0
Percent Lost	3.60		Est. yield/acre	850			Cost/ Acre
						Foliar insecticide	\$23.99

Total Acres	1,075,000	Spray applications	3.149	At planting	\$9.02
				Bt use fees	\$19.00
		Cost + loss	\$88,355,000	Eradication	\$3.00
Total Bales lost	80,625			Scouting	\$5.58
Bales lost in dollars	\$23,220,000	Cost + loss/acre	\$82.19	Total	\$60.59