

Table 13b Georgia non-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	120,000	60,000	1.333	\$10.00	\$13.33	7.11	20,000
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	70,000	15,000	0.111	\$6.50	\$0.72	0.26	729
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	1,000	0	0.000	N/A	\$0.00	0.00	0
Thrips	110,000	15,000	0.111	\$6.00	\$0.67	0.08	229
Beet Armyworm	15,000	10,000	0.074	\$9.00	\$0.67	0.00	0
Fall Armyworm	15,000	10,000	0.074	\$9.00	\$0.67	0.02	63
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	100,000	80,000	1.185	\$7.50	\$8.89	1.48	4,167
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	80,000	15,000	0.111	\$8.00	\$0.89	0.06	167
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	3,000	0	0.000	N/A	\$0.00	0.00	0
Loopers	60,000	15,000	0.111	\$10.00	\$1.11	0.04	125
Southern Armyworms	1,000	0	0.000	N/A	\$0.00	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	1,000	0	0.000	N/A	\$0.00	0.00	0
Percent Lost	9.06		Est. yield/acre	850			Cost/ Acre
						Foliar insecticide	\$26.94

Total Acres	135,000	Spray applications	3.111	At planting	\$8.89
				Bt use fees	\$0.00
		Cost + loss	\$13,345,500	Eradication	\$3.00
Total Bales lost	25,479			Scouting	\$5.67
Bales lost in dollars	\$7,338,000	Cost + loss/acre	\$98.86	Total	\$44.50