

Table 13b

Georgia non-Bt

Cotton Insect Losses ♦ 2004

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	190,000	170,000	1.842	\$9.00	\$16.58	3.17	15,833
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	50,000	25,000	0.104	\$6.00	\$0.63	0.04	208
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	10,000	1,000	0.004	\$10.00	\$0.04	0.00	0
Thrips	220,000	20,000	0.083	\$5.00	\$0.42	0.09	458
Beet Armyworm	20,000	15,000	0.063	\$10.00	\$0.63	0.01	42
Fall Armyworm	30,000	15,000	0.063	\$9.00	\$0.56	0.03	125
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	200,000	150,000	1.250	\$7.00	\$8.75	0.83	4,167
Grasshoppers	10,000	1,000	0.004	\$7.00	\$0.03	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	120,000	10,000	0.042	\$8.00	\$0.33	0.00	0
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	2,000	0	0.000	N/A	\$0.00	0.00	0
Loopers	50,000	10,000	0.042	\$10.00	\$0.42	0.00	0
Southern Armyworms	5,000	0	0.000	N/A	\$0.00	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	2,000	1,000	0.004	\$7.00	\$0.03	0.00	0

Percent Lost	4.17
Total Acres	240,000
Total Bales lost	20,833
Bales lost in dollars	\$6,000,000

Est. yield/acre	690
Spray applications	3.500
Cost + loss	\$17,245,000
Cost + loss/acre	\$71.85

	Cost/ Acre
Foliar insecticide	\$28.40
At planting	\$9.00
Bt use fees	\$0.00
Eradication	\$3.50
Scouting	\$5.95
Total	\$46.85