

Table 14

## Georgia

## Cotton Insect Losses - 2013

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	400,500	13,350	1	0.010	\$0.08	0.15%	5,270
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	0	0	0	0.000	\$0.00	0.00%	0
Lygus	200,250	133,500	1	0.100	\$0.65	0.08%	2,635
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	267,000	13,350	1	0.010	\$0.08	0.00%	70
Thrips	1,268,250	667,500	1	0.650	\$3.90	0.95%	33,374
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	0	0	0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	1,201,500	1,068,000	3	2.400	\$18.00	1.80%	63,235
Grasshoppers	0	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	667,500	66,750	1	0.050	\$0.40	0.01%	176
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	160,200	93,450	1	0.084	\$1.01	0.12%	4,216
Loopers	0	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	26,700	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
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Other Insects	0	0	0	0.000	\$0.00	0.00%	0
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Other Insects	0	0	0	0.000	\$0.00	0.00%	0
				3.304	\$24.11	3.10%	108,975

**Yield & Management Results**

Total Acres	1,335,000
Total bales Harvested	2,350,156
yield (lbs/acre)	845
Total bales Lost to Insects	108,975
Percent Yield Loss	3.10%
Yield w/o Insects (lbs/ac)	872
Ave. # Spray Applications	3.30
Bales lost all factors	1,162,888
% yield loss all factors	33.1%

**Economic Results**

	Total	Per Acre
Foliar Insecticides Costs	\$32,190,855	\$24.11
At Planting Costs	\$8,877,750	\$6.65
In-furrow costs	\$200,250	\$0.15
Scouting costs	\$7,476,000	\$5.60
Eradication costs	\$1,134,750	\$0.85
Transgenic cotton	\$31,673,943	\$23.73
Total Costs	\$81,553,548	\$61.09
Yield Lost to insects	\$41,846,257	\$31.35
Total Losses + Costs	\$123,399,805	\$92.43