

**Table 9b**

**Alabama South**

**Cotton Insect Losses 2011**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	269,999	15,000	1.0	0.05	\$0.40	0.27%	2,094
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	3,000	0	0.0	0.00	\$0.00	0.00%	0
Lygus	120,000	0	0.0	0.00	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	6,000	0	0.0	0.00	\$0.00	0.00%	0
Thrips	299,999	75,000	1.0	0.25	\$1.50	1.50%	11,634
Beet Armyworm	0	0	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	0	0	0.0	0.00	\$0.00	0.00%	0
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	224,999	45,000	1.0	0.15	\$0.83	0.75%	5,817
Grasshoppers	90,000	30,000	1.0	0.10	\$0.80	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	150,000	60,000	1.0	0.20	\$1.60	0.00%	0
Banded Winged Whitefly	3,000	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0.0	0.00	\$0.00	0.00%	0
Loopers	3,000	0	0.0	0.00	\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	0	0	0.0	0.00	\$0.00	0.00%	0
Clouded Plant bugs	9,000	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
				0.75	\$5.13	2.52%	19,545

Total Acres	299,999
Total bales Harvested	515,623
yield (lbs/acre)	825
Total bales Lost to Insects	19,545
Percent Yield Loss	2.52%
Yield w/o Insects ( bs/ac)	846
Ave. # Spray Applications	0.75
Bales lost all factors	259,983
% yield loss all factors	33.5%

	Total	Per Acre
Foliar Insecticides Costs	\$1,537,495	\$5.13
At Planting Costs	\$2,249,993	\$7.50
In-furrow costs	\$539,998	\$1.80
Scouting costs	\$1,559,995	\$5.20
Eradication costs	\$1,049,997	\$3.50
Transgenic cotton	\$8,190,479	\$27.30
Total Costs	\$15,127,956	\$50.43
Yield Lost to insects	\$8,912,652	\$29.71
Total Losses + Costs	\$24,040,608	\$80.14

