

Table 9b

Alabama South

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	0.00	\$0.00	0.00%	0
Bollworm/Budworm	39,300	13,100	1.0	0.05	\$0.38	0.00%	0
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	0	0	0.0	0.00	\$0.00	0.00%	0
Lygus	13,100	2,620	1.0	0.01	\$0.06	0.10%	655
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	39,300	0	0.0	0.00	\$0.00	0.00%	0
Thrips	262,000	104,800	1.1	0.44	\$2.64	2.00%	13,110
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	262,000	256,760	2.5	2.45	\$18.38	3.50%	22,942
Grasshoppers	65,500	65,500	0.0	0.00	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	104,800	2,620	1.0	0.01	\$0.08	0.00%	0
Banded Winged Whitefly	7,860	5,240	1.0	0.02	\$0.20	0.00%	0
Silverleaf Whitefly (Bemisia)	2,620	0	0.0	0.00	\$0.00	0.00%	0
Loopers	0	0	0.0	0.00	\$0.00	0.00%	0
Southern Armyworms	13,100	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	2,620	0	0.0	0.00	\$0.00	0.00%	0
Clouded Plant bugs	52,400	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
				2.98	\$21.73	5.60%	36,707

Yield & Management Results

Total Acres	262,000
Total bales Harvested	450,313
yield (lbs/acre)	825
Total bales Lost to Insects	36,707
Percent Yield Loss	5.60%
Yield w/o Insects (lbs/ac)	874
Ave. # Spray Applications	2.98
Bales lost all factors	205,164
% yield loss all factors	31.3%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$5,693,260	\$21.73
At Planting Costs	\$2,253,200	\$8.60
In-furrow costs	\$188,640	\$0.72
Scouting costs	\$1,886,400	\$7.20
Eradication costs	\$917,000	\$3.50
Transgenic cotton	\$7,076,620	\$27.01
Total Costs	\$18,015,120	\$68.76
Yield Lost to insects	\$13,214,410	\$50.44
Total Losses + Costs	\$31,229,530	\$119.20