

Table 9b

South Alabama

Cotton Insect Losses 2010

Pest	acres infested	acres treated	#apps/ acre		cost/ acre	%red	Bales lost
			trtd	#apps/ tot acres			
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	162,000	16,200	1.0	0.10	\$0.80	0.50%	1,704
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	8,100	0	0.0	0.00	\$0.00	0.00%	0
Lygus	162,000	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	8,100	0	0.0	0.00	\$0.00	0.00%	0
Thrips	162,000	8,100	1.0	0.05	\$0.30	0.00%	0
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	162,000	153,900	2.0	1.90	\$10.45	3.50%	11,926
Grasshoppers	145,800	16,200	1.0	0.10	\$0.80	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	81,000	0	0.0	0.00	\$0.00	0.00%	0
Banded Winged Whitefly	8,100	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	1,620	0	0.0	0.00	\$0.00	0.00%	0
Loopers	12,960	4,860	1.0	0.03	\$0.30	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	8,100	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 1	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 2	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 3	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 4	0	0	0.0	0.00	\$0.00	0.00%	0
				2.18	\$12.65	4.00%	13,630

**Yield & Management Results**

Total Acres	162,000
Total bales Harvested	177,188
yield (lbs/acre)	525
Total bales Lost to Insects	13,630
Percent Yield Loss	4.00%
Yield w/o Insects (lbs/ac)	547
Ave. # Spray Applications	2.180
Bales lost all factors	163,558
% yield loss all factors	48.00%

**Economic Results**

	Total	Per Acre
Foliar Insecticides Costs	\$2,049,300	\$12.65
At Planting Costs	\$1,539,000	\$9.50
In-furrow costs	\$777,600	\$4.80
Scouting costs	\$842,400	\$5.20
Eradication costs	\$567,000	\$3.50
Transgenic cotton	\$3,426,456	\$21.15
Total Costs	\$9,201,756	\$56.80
Yield Lost to insects	\$4,906,731	\$30.29
Total Losses + Costs	\$14,108,487	\$87.09