

Table 9

Alabama

Cotton Insect losses 2012

Pest	acres infested	Alabama		#apps/ tot acres	cost/ acre	%red	Bales lost
		acres treated	#apps/ acre trtd				
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	60,518	24,950	1.0	0.06	\$0.50	0.02%	160
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	134,772	104,134	1.0	0.27	\$1.34	0.33%	3094
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	57,095	6,344	1.0	0.02	\$0.13	0.01%	139
Thrips	390,001	179,503	1.0	0.46	\$3.25	1.66%	16650
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	324,220	69,587	1.0	0.18	\$1.40	0.27%	2770
Grasshoppers	203,686	131,562	1.0	0.34	\$2.70	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	195,001	26,312	1.0	0.07	\$0.54	0.03%	356
Banded Winged Whitefly	7,894	5,262	1.0	0.01	\$0.13	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0.0	0.00	\$0.00	0.00%	0
Loopers	0	0	0.0	0.00	\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	63,566	127	1.0	0.00	\$0.16	0.00%	8
Clouded Plant bugs	31,720	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
				1.40	\$10.15	2.32%	23,178

**Yield & Management Results**

Total Acres	390001
Total bales Harvested	703843
yield (lbs/acre)	866
Total bales Lost to Insects	23178
Percent Yield Loss	2.32%
Yield w/o Insects (lbs/ac)	887
Ave. # Spray Applications	1.40
Bales lost all factors	300416
% yield loss all factors	29.7%

**Economic Results**

	Total	Per Acre
Foliar Insecticides Costs	\$3,958,970	\$10.15
At Planting Costs	\$3,360,483	\$8.62
In-furrow costs	\$330,825	\$0.85
Scouting costs	\$2,232,707	\$5.72
Eradication costs	\$1,238,126	\$3.17
Transgenic cotton	\$3,551,470	\$9.11
Total Costs	\$14,672,580	\$37.62
Yield Lost to insects	\$8,344,047	\$21.39
Total Losses + Costs	\$23,016,628	\$59.02