

Table 9

Alabama Summary

Cotton Insect Losses – 2013

	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	0.04	\$0.27	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	110,322	99,842	1.2	0.35	\$2.07	0.07%	3008
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	136,522	4,861	1.0	0.01	\$0.09	0.00%	0
Thrips	359,222	129,106	1.1	0.39	\$2.33	1.46%	15462
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	359,222	259,677	2.5	1.80	\$13.43	2.55%	24118
Grasshoppers	138,417	66,472	0.0	0.00	\$0.02	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	202,022	4,564	1.0	0.01	\$0.10	0.00%	0
Banded Winged Whitefly	7,860	5,240	1.0	0.01	\$0.15	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	12,342	1,944	1.0	0.01	\$0.01	0.00%	0
Clouded Plant bugs	62,122	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
				2.61	\$18.49	4.08%	42,587

Yield & Management Results	
Total Acres	359222
Total bales Harvested	632604
yield (lbs/acre)	845
Total bales Lost to Insects	42587
Percent Yield Loss	4.08%
Yield w/o Insects (lbs/ac)	881
Ave. # Spray Applications	2.61
Bales lost all factors	257364
% yield loss all factors	28.2%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$6,640,505	\$18.49
At Planting Costs	\$3,119,448	\$8.68
In-furrow costs	\$200,307	\$0.56
Scouting costs	\$2,518,343	\$7.01
Eradication costs	\$1,160,055	\$3.23
Transgenic cotton	\$9,750,913	\$27.14
Total Costs	\$23,389,570	\$65.11
Yield Lost to insects	\$15,386,666	\$42.83
Total Losses + Costs	\$38,776,236	\$107.95