

Table 9

## Alabama Summary

## Cotton Insect Losses 2016

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	85,069	61,323	1	0.21	\$1.95	0.093%	814
Beet Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Loopers	0	0	0	0.00	\$0.00	0.000%	0
Cutworms	1,028	103	0	0.00	\$0.00	0.000%	0
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	0	173,345	0	0.00	\$0.00	0.000%	0
Lygus	211,264	85,436	1	0.36	\$3.60	0.227%	1,991
Stink Bugs	314,571	214,741	2	1.16	\$10.67	1.318%	11,546
Clouded Plant bugs	0	1,187	0	0.00	\$0.00	0.000%	0
Brown Stink bug	59,365	0	0	0.00	\$0.00	0.000%	0
Bagrada Bugs	0	0	0	0.00	\$0.00	0.000%	0
Leaf footed bugs	23,746	0	0	0.00	\$0.00	0.000%	0
Spider Mites	49,450	8,152	1	0.02	\$0.29	0.015%	127
Thrips	339,247	125,828	1	0.37	\$3.01	0.649%	5,686
Aphids	80,295	3,403	1	0.01	\$0.06	0.000%	0
Grasshoppers	47,492	11,873	1	0.02	\$0.10	0.000%	0
Banded Winged Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetles	0	0	0	0.00	\$0.00	0.000%	0
Mealybugs	0	0	0	0.00	\$0.00	0.000%	0
Crickets	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevil	0	0	0	0.00	\$0.00	0.000%	0
				2.16	\$19.69	2.302%	20,165

Yield & Management Results	
Total Acres	340,275
Total bales Harvested	677,592
yield (lbs/acre)	956
Total bales Lost to Insects	20,165
Percent Yield Loss	2.30%
Yield w/o Insects (lbs/ac)	978
Ave. # Spray Applications	2.16
Bales lost all factors	198,314
% yield loss all factors	22.64%

Economic Results		Total	Per Acre
Foliar Insecticides Costs		\$6,698,434	\$19.69
At Planting Costs		\$3,283,954	\$9.65
In-furrow costs		\$225,690	\$0.66
Scouting costs		\$2,145,382	\$6.30
Eradication costs		\$510,413	\$1.50
Transgenic cotton		\$5,855,376	\$17.21
Total Costs		\$18,719,249	\$55.01
Yield Lost to insects		\$6,097,855	\$17.92
Total Losses + Costs		\$24,817,104	\$72.93