

Table 9b

South Alabama

Cotton Insect Losses 2016

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	59,365	35,619	1	0.18	\$1.71	0.025%	155
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	0	0	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	118,730	23,746	1	0.12	\$1.14	0.100%	622
Stink Bugs	237,459	213,713	2	1.98	\$18.81	2.000%	12,431
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	23,746	7,124	1	0.03	\$0.36	0.010%	62
Thrips	237,459	94,984	1	0.40	\$3.20	0.500%	3,108
Aphids	23,746	2,375	1	0.01	\$0.06	0.000%	0
Grasshoppers	47,492	11,873	1	0.05	\$0.30	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 Weevils	0	0	0	0.00	\$0.00	0.000%	0
				2.77	\$25.58	2.635%	16,378

Yield & Management Results	
Total Acres	237,459
Total bales Harvested	484,812
yield (lbs/acre)	980
Total bales Lost to Insects	16,378
Percent Yield Loss	2.64%
Yield w/o Insects (lbs/ac)	1,007
Ave. # Spray Applications	2.77
Bales lost all factors	136,742
% yield loss all factors	21.74%

Economic Results		Total	Per Acre
Foliar Insecticides Costs		\$6,074,201	\$25.58
At Planting Costs		\$2,991,983	\$12.60
In-furrow costs		\$142,475	\$0.60
Scouting costs		\$1,715,641	\$7.23
Eradication costs		\$356,189	\$1.50
Transgenic cotton		\$4,226,770	\$17.80
Total Costs		\$15,507,260	\$65.31
Yield Lost to insects		\$4,952,691	\$20.86
Total Losses + Costs		\$20,459,951	\$86.16