

Table 14

Georgia Summary

Cotton Insect Losses 2016

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	295,000	17,700	1	0.02	\$0.11	0.250%	8,555
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	11,800	0	0	0.00	\$0.00	0.000%	0
Lygus	424,800	165,200	1	0.15	\$1.08	0.180%	6,160
Stink Bugs	1,062,000	1,003,000	2	1.70	\$12.75	1.350%	46,199
Clouded Plant bugs	11,800	0	0	0.00	\$0.00	0.000%	0
Brown Stink bug	0	0	0	0.00	\$0.00	0.000%	0
Bagrada Bugs	0	0	0	0.00	\$0.00	0.000%	0
Leaf footed bugs	23,600	0	0	0.00	\$0.00	0.000%	0
Spider Mites	354,000	70,800	1	0.06	\$0.48	0.300%	10,266
Thrips	1,168,200	472,000	1	0.40	\$2.40	0.990%	33,879
Aphids	708,000	59,000	1	0.05	\$0.35	0.000%	0
Grasshoppers	0	0	0	0.00	\$0.00	0.000%	0
Banded Winged Whitefly	11,800	0	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	236,000	106,200	1	0.12	\$1.40	0.200%	6,844
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
				2.50	\$18.57	3.270%	111,904

Yield & Management Results	
Total Acres	1,180,000
Total bales Harvested	2,249,375
yield (lbs/acre)	915
Total bales Lost to Insects	111,904
Percent Yield Loss	3.27%
Yield w/o Insects (lbs/ac)	946
Ave. # Spray Applications	2.50
Bales lost all factors	1,172,769
% yield loss all factors	34.27%

Economic Results		Total	Per Acre
Foliar Insecticides Costs		\$21,917,910	\$18.57
At Planting Costs		\$7,151,390	\$6.06
In-furrow costs		\$708,000	\$0.60
Scouting costs		\$5,369,000	\$4.55
Eradication costs		\$1,770,000	\$1.50
Transgenic cotton		\$17,613,270	\$14.93
Total Costs		\$54,529,570	\$46.21
Yield Lost to insects		\$37,599,776	\$31.86
Total Losses + Costs		\$92,129,346	\$78.08