

Table 14

Georgia Summary

Cotton Insect Losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	444,000	22,200	1	0.02	\$0.15	0.200%	5,793
Beet Armyworm	2,220	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	11,100	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	0	0	0.00	\$0.00	0.000%	0
Lygus	388,500	133,200	1	0.14	\$1.01	0.350%	10,138
Stink Bugs	999,000	943,500	2	1.79	\$13.39	1.350%	39,104
Clouded Plant bugs	22,200	11,100	1	0.01	\$0.08	0.010%	290
Brown Stink bug	0	0	1	0.00	\$0.00	0.000%	0
Bagrada Bugs	0	0	0	0.00	\$0.00	0.000%	0
Leaf footed bugs	0	0	0	0.00	\$0.00	0.000%	0
Spider Mites	333,000	22,200	1	0.02	\$0.16	0.150%	4,345
Thrips	1,054,500	444,000	1	0.48	\$2.88	0.475%	13,759
Aphids	333,000	55,500	1	0.05	\$0.40	0.030%	869
Grasshoppers	0	0	0	0.00	\$0.00	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
				2.51	\$18.06	2.565%	74,299

Yield & Management Results	
Total Acres	1,110,000
Total bales Harvested	2,300,938
yield (lbs/acre)	995
Total bales Lost to Insects	74,299
Percent Yield Loss	2.57%
Yield w/o Insects (lbs/ac)	1,021
Ave. # Spray Applications	2.51
Bales lost all factors	595,692
% yield loss all factors	20.57%

Economic Results		Total	Per Acre
Foliar Insecticides Costs		\$20,047,155	\$18.06
At Planting Costs		\$6,993,000	\$6.30
In-furrow costs		\$1,443,000	\$1.30
Scouting costs		\$6,216,000	\$5.60
Eradication costs		\$1,665,000	\$1.50
Transgenic cotton		\$15,264,177	\$13.75
Total Costs		\$51,628,332	\$46.51
Yield Lost to insects		\$24,964,310	\$22.49
Total Losses + Costs		\$76,592,642	\$69.00