

Table 14

Georgia Summary

Cotton Insect Losses 2014

Pest	acres infested	acres treated	#apps/ acre		cost/ acre	%red	Bales lost
			trtd	acres			
Bollworm/Budworm	411,000	54,800	1	0.04	\$0.30	0.150%	5,352
Beet Armyworm	2,740	685	1	0.00	\$0.01	0.000%	0
Fall Armyworm	13,700	6,850	1	0.01	\$0.06	0.010%	357
Loopers	0	0	0	0.00	\$0.00	0.000%	0
Cutworms	0	14	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant bug	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	0	0	0	0.00	\$0.00	0.000%	0
Lygus	274,000	137,000	1	0.10	\$0.70	0.200%	7,135
Stink Bugs	1,233,000	1,096,000	2	1.60	\$12.00	1.350%	48,164
Clouded Plant bugs	274,000	68,500	1	0.05	\$0.38	0.100%	3,568
Other Bugs	0	0	1	0.00	\$0.00	0.000%	0
Bagrada Bug	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	548,000	342,500	1	0.25	\$2.00	0.200%	7,135
Thrips	1,301,500	685,000	1	0.55	\$3.30	0.475%	16,947
Aphids	548,000	68,500	1	0.05	\$0.40	0.040%	1,427
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 (Bemisia)	137,000	13,700	1	0.01	\$0.12	0.010%	357
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetle	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevil	0	0	0	0.00	\$0.00	0.000%	0
				2.66	\$19.26	2.535%	90,441

Yield & Management Results	
Total Acres	1,370,000
Total bales Harvested	2,640,104
yield (lbs/acre)	925
Total bales Lost to Insects	90,441
Percent Yield Loss	2.54%
Yield w/o Insects (lbs/ac)	949
Ave. # Spray Applications	2.66
Bales lost all factors	946,691
% yield loss all factors	26.54%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$26,387,570	\$19.26
At Planting Costs	\$9,110,500	\$6.65
In-furrow costs	\$137,000	\$0.10
Scouting costs	\$7,672,000	\$5.60
Eradication costs	\$2,534,500	\$1.85
Transgenic cotton	\$23,838,000	\$17.40
Total Costs	\$69,679,570	\$50.86
Yield Lost to insects	\$32,558,906	\$23.77
Total Losses + Costs	\$102,238,476	\$74.63