

Table 14

Pest	Georgia					Cotton Insect Losses 2012	
	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	642,500	38,550	1	0.030	\$0.23	0.05%	1,678
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	0	0	0	0.000	\$0.00	0.00%	0
Lygus	192,750	96,375	1	0.075	\$0.49	0.02%	503
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	642,500	38,550	1	0.030	\$0.24	0.10%	3,355
Thrips	1,220,750	514,000	1	0.440	\$2.64	0.48%	15,939
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	0	0	0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	1,156,500	1,092,250	2	1.700	\$12.75	1.35%	45,299
Grasshoppers	38,550	12,850	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	1,028,000	192,750	1	0.150	\$1.20	0.16%	5,369
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	257,000	128,500	1	0.130	\$1.56	0.30%	10,066
Loopers	0	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	64,250	12,850	1	0.010	\$0.08	0.05%	1,678
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
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Other Insects	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
				2.565	\$19.18	2.50%	83,887

Yield & Management Results	
Total Acres	1,285,000
Total bales Harvested	2,701,177
yield (lbs/acre)	1,009
Total bales Lost to Insects	83,887
Percent Yield Loss	2.50%
Yield w/o Insects (lbs/ac)	1,035
Ave. # Spray Applications	2.57
Bales lost all factors	654,322
% yield loss all factors	19.5%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$24,643,088	\$19.18
At Planting Costs	\$8,095,500	\$6.30
In-furrow costs	\$963,750	\$0.75
Scouting costs	\$7,196,000	\$5.60
Eradication costs	\$1,285,000	\$1.00
Transgenic cotton	\$28,848,764	\$22.45
Total Costs	\$71,032,102	\$55.28
Yield Lost to insects	\$30,199,495	\$23.50
Total Losses + Costs	\$101,231,597	\$78.78