

**Table 13**

**Florida**

**Cotton Insect Losses 2009**

Pest	acres infested	acres	#apps/ acre	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	87,900	43,950	1.0	0.50	\$4.88	2.50%	4,849
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	1	0	0.0	0.00	\$0.00	0.00%	0
Lygus	61,530	52,740	1.5	0.90	\$8.33	0.00%	0
Cotton Leaf Perforator	1	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	1	0	0.0	0.00	\$0.00	0.00%	0
Thrips	87,900	35,160	1.0	0.40	\$2.30	0.10%	194
Beet Armyworm	4,395	0	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	79,110	35,160	2.0	0.80	\$10.62	1.35%	2,619
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	87,900	79,110	1.8	1.58	\$13.64	4.00%	7,759
Grasshoppers	17,580	8,790	1.0	0.10	\$0.80	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	87,900	21,975	1.0	0.25	\$2.48	0.00%	0
Banded Winged Whitefly	0	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	1	0	0.0	0.00	\$0.00	0.00%	0
Loopers	70,320	4,395	1.0	0.05	\$0.62	0.00%	0
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	0	0	0.0	0.00	\$0.00	0.00%	0
Clouded Plant bugs	35,160	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
			4.58		\$43.66	7.95%	15,421

Yield & Management Results	
Total Acres	87,900
Total bales Harvested	126,588
Yield (lbs/acre)	691
Total bales Lost to Insects	15,421
Percent Yield Loss	7.95%
Yield w/o Insects (lbs/acre)	751
Ave. # Spray Applications	4.575
Yield loss to all factors	93,396
% Yield loss to all factors	48.2%

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$3,838,022	\$43.66
At Planting Costs	\$1,432,770	\$16.30
Scouting costs	\$492,240	\$5.60
Eradication costs	\$131,850	\$1.50
Transgenic cotton	\$2,099,420	\$23.88
Total Costs	\$7,994,302	\$90.95
Yield Lost to insects	\$4,811,201	\$54.73
Total Losses + Costs	\$12,805,503	\$145.68