

**Table 13**

**Florida**

**Cotton Insect Losses 2011**

Pest	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	120,000	9,600	1	0.080	\$0.64	1.00%	2,955
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	6,000	3,000	1	0.025	\$0.15	0.05%	148
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	0	0	0	0.000	\$0.00	0.00%	0
Thrips	120,000	22,800	1	0.190	\$0.67	1.00%	2,955
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	120,000	102,000	2	1.700	\$9.35	2.50%	7,388
Grasshoppers	12	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	114,000	72,000	1	0.600	\$3.00	0.95%	2,807
Banded Winged Whitefly	2,400	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0	0.000	\$0.00	0.00%	0
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	3,600	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
				2.595	\$13.81	5.50%	16,253

**Yield & Management Results**

Total Acres	120,000
Total bales Harvested	162,500
yield (lbs/acre)	650
Total bales Lost to Insects	16,253
Percent Yield Loss	5.50%
Yield w/o Insects ( bs/ac)	688
Ave. # Spray Applications	2.60
Bales lost all factors	133,014
% yield loss all factors	45.5%

**Economic Results**

	Total	Per Acre
Foliar Insecticides Costs	\$1,656,600	\$13.81
At Planting Costs	\$1,368,000	\$11.40
In-furrow costs	\$360,000	\$3.00
Scouting costs	\$630,000	\$5.25
Eradication costs	\$120,000	\$1.00
Transgenic cotton	\$3,066,744	\$25.56
Total Costs	\$7,201,344	\$60.01
Yield Lost to insects	\$8,581,716	\$71.51
Total Losses + Costs	\$15,783,060	\$131.53

