

**Table 11**

**Florida**

**Cotton Insect Losses 2008**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.00	0.000	\$0.00	0.000%	0
Bollworm/Budworm	67,000	16,750	1.00	0.250	\$2.00	2.000%	2,220
Pink Bollworm	0	0	0.00	0.000	\$0.00	0.000%	0
Cotton Fleahopper	0	0	0.00	0.000	\$0.00	0.000%	0
Lygus	3,350	3,350	1.00	0.050	\$0.30	0.050%	55
Cotton Leaf Perforator	0	0	0.00	0.000	\$0.00	0.000%	0
Spider Mites	1,340	1,340	1.00	0.020	\$0.00	0.100%	111
Thrips	67,000	6,700	1.00	0.100	\$0.60	1.000%	1,110
Beet Armyworm	3,350	3,350	1.00	0.050	\$0.00	0.000%	0
Fall Armyworm	10,050	8,040	1.00	0.120	\$0.00	0.000%	0
European Cornborer	0	0	0.00	0.000	\$0.00	0.000%	0
Stink Bugs	67,000	46,900	2.00	1.400	\$7.70	4.000%	4,440
Grasshoppers	7	0	0.00	0.000	\$0.00	0.000%	0
Saltmarsh Caterpillars	0	0	0.00	0.000	\$0.00	0.000%	0
Aphids	33,500	4,690	1.00	0.070	\$0.56	1.000%	1,110
Banded Winged Whitefly	10,720	0	0.00	0.000	\$0.00	0.000%	0
Silverleaf Whitefly (Bemesia)	5,360	0	0.00	0.000	\$0.00	0.000%	0
Loopers	3,350	1,340	1.00	0.020	\$0.00	0.050%	55
Southern Armyworms	0	0	0.00	0.000	\$0.00	0.000%	0
Cutworms	0	0	0.00	0.000	\$0.00	0.000%	0
Clouded Plant bugs	0	0	0.00	0.000	\$0.00	0.000%	0
Other Insects	0	0	0.00	0.000	\$0.00	0.000%	0

Yield & Management Results	
Total Acres	67,000
Total bales Harvested	91,008
Yield (lbs/acre)	652
Total bales Lost to Insects	9,101
Percent Yield Loss	8.20%
Yield w/o Insects (lbs/acre)	710
Ave. # Spray Applications	2.080
Yield loss to all factors	38,961
% Yield loss to all factors	16.20%

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$747,723	\$11.16
At Planting Costs	\$589,600	\$8.80
Scouting costs	\$526,788	\$7.86
Eradication costs	\$335,000	\$5.00
Transgenic cotton	\$1,527,600	\$22.80
Total Costs	\$3,726,710	\$55.62
Yield Lost to insects	\$2,839,529	\$42.38
Total Losses + Costs	\$6,566,239	\$98.00