

Table 13

## Florida Summary

## Cotton Insect Losses 2010

Pest	acres infested	acres treated	#apps/ acre		cost/ acre	%red	Bales lost
			trtd	#apps/ tot acres			
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	38,700	11,180	1.0	0.13	\$1.27	0.45%	824
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	0	0	0.0	0.00	\$0.00	0.00%	0
Lygus	34,400	34,400	1.0	0.40	\$3.70	0.80%	1,464
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	4,300	4,300	1.0	0.05	\$0.90	0.25%	458
Thrips	86,000	21,500	1.0	0.25	\$1.44	1.00%	1,830
Beet Armyworm	4,300	4,300	1.0	0.05	\$0.00	0.05%	92
Fall Armyworm	21,500	15,480	1.0	0.18	\$2.39	0.75%	1,373
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	86,000	70,520	1.5	1.23	\$10.65	4.00%	7,322
Grasshoppers	12,900	6,880	0.0	0.00	\$0.00	0.08%	137
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	25,800	2,580	1.0	0.03	\$0.30	0.30%	549
Banded Winged Whitefly	4,300	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	4,300	0	0.0	0.00	\$0.00	0.00%	0
Loopers	8,600	4,300	1.0	0.05	\$0.62	0.10%	183
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	17,200	4,300	0.0	0.00	\$0.00	0.20%	366
Other Insects 1	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 2	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 3	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 4	0	0	0.0	0.00	\$0.00	0.00%	0
				2.37	\$21.27	7.98%	14,598

**Yield & Management Results**

Total Acres	86,000
Total bales Harvested	117,175
yield (lbs/acre)	654
Total bales Lost to Insects	14,598
Percent Yield Loss	7.98%
Yield w/o Insects (lbs/ac)	711
Ave. # Spray Applications	2.37
Bales lost all factors	65,871
% yield loss all factors	35.99%

**Economic Results**

	Total	Per Acre
Foliar Insecticides Costs	\$1,828,809	\$21.27
At Planting Costs	\$718,960	\$8.36
In-furrow costs	\$547,820	\$6.37
Scouting costs	\$517,075	\$6.01
Eradication costs	\$129,000	\$1.50
Transgenic cotton	\$2,430,360	\$28.26
Total Costs	\$6,172,024	\$71.77
Yield Lost to insects	\$5,465,458	\$63.55
Total Losses + Costs	\$11,637,481	\$135.32