

Table 13

## Florida Summary

## Cotton Insect Losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	8,500	170	1	0.00	\$0.02	0.000%	0
Beet Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Loopers	0	0	0	0.00	\$0.00	0.000%	0
Cutworms	0	0	0	0.00	\$0.00	0.000%	0
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	0	0	0	0.00	\$0.00	0.000%	0
Lygus	76,500	76,500	1	0.90	\$6.75	0.450%	1,014
Stink Bugs	85,000	72,250	2	1.28	\$7.65	0.500%	1,127
Clouded Plant bugs	8,500	0	0	0.00	\$0.00	0.000%	0
Brown Stink bug	0	0	0	0.00	\$0.00	0.000%	0
Bagrada Bugs	0	0	0	0.00	\$0.00	0.000%	0
Leaf footed bugs	17,000	0	0	0.00	\$0.00	0.000%	0
Spider Mites	51,000	8,500	1	0.10	\$1.00	0.100%	225
Thrips	85,000	25,500	1	0.30	\$3.00	0.300%	676
Aphids	80,750	59,500	1	0.70	\$2.10	0.500%	1,127
Grasshoppers	0	0	0	0.00	\$0.00	0.000%	0
Banded Winged Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetles	0	0	0	0.00	\$0.00	0.000%	0
Mealybugs	0	0	0	0.00	\$0.00	0.000%	0
Crickets	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevils	0	0	0	0.00	\$0.00	0.000%	0
				3.98	\$23.32	2.135%	4,811

Yield & Management Results	
Total Acres	85,000
Total bales Harvested	141,667
yield (lbs/acre)	800
Total bales Lost to Insects	4,811
Percent Yield Loss	2.14%
Yield w/o Insects (lbs/ac)	817
Ave. # Spray Applications	3.98
Bales lost all factors	83,684
% yield loss all factors	37.14%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$1,981,860	\$23.32
At Planting Costs	\$1,566,550	\$18.43
In-furrow costs	\$224,485	\$2.64
Scouting costs	\$204,000	\$2.40
Eradication costs	\$93,500	\$1.10
Transgenic cotton	\$2,385,816	\$28.07
Total Costs	\$6,456,211	\$75.96
Yield Lost to insects	\$1,454,918	\$17.12
Total Losses + Costs	\$7,911,128	\$93.07