

Table 13

## Florida Summary

## Cotton Insect Losses 2016

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	51,000	204	1	0.00	\$0.02	0.000%	0
Beet Armyworm	0	10	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	91,800	91,800	2	1.80	\$13.50	0.450%	1,348
Stink Bugs	102,000	91,800	2	1.80	\$10.80	2.000%	5,993
Clouded Plant bugs	5,100	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	14,280	0	0	0.00	\$0.00	0.000%	0
Spider Mites	20,400	7,140	1	0.07	\$0.42	0.014%	42
Thrips	102,000	15,300	1	0.15	\$1.20	0.020%	60
Aphids	81,600	76,500	1	0.75	\$2.06	0.300%	899
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
				5.27	\$30.80	2.944%	8,821

Yield & Management Results	
Total Acres	102,000
Total bales Harvested	185,938
yield (lbs/acre)	875
Total bales Lost to Insects	8,821
Percent Yield Loss	2.94%
Yield w/o Insects (lbs/ac)	902
Ave. # Spray Applications	5.27
Bales lost all factors	113,691
% yield loss all factors	37.94%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$3,141,447	\$30.80
At Planting Costs	\$1,071,000	\$10.50
In-furrow costs	\$612,000	\$6.00
Scouting costs	\$326,400	\$3.20
Eradication costs	\$204,000	\$2.00
Transgenic cotton	\$2,873,398	\$28.17
Total Costs	\$8,228,245	\$80.67
Yield Lost to insects	\$2,963,878	\$29.06
Total Losses + Costs	\$11,192,123	\$109.73