

Table 13

Florida Summary

Cotton Insect Losses 2014

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	11,550	1,050	1	0.01	\$0.08	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	1	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant bug	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	0	0	0	0.00	\$0.00	0.000%	0
Lygus	92,400	63,000	1	0.75	\$6.75	0.440%	1,042
Stink Bugs	105,000	98,700	2	1.69	\$11.84	0.500%	1,184
Clouded Plant bugs	29,400	18,900	1	0.18	\$1.62	0.000%	0
Other Bugs	0	0	1	0.00	\$0.00	0.000%	0
Bagrada Bug	0	0	0	0.00	\$0.00	0.000%	0
Leaf-footed Bugs	0	0	0	0.00	\$0.00	0.000%	0
Spider Mites	76,650	50,400	2	0.72	\$7.20	0.365%	864
Thrips	105,000	89,250	1	1.02	\$3.06	1.000%	2,368
Aphids	97,650	42,000	1	0.40	\$2.00	0.233%	550
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 (Bemisia)	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 Beetle	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevil	0	0	0	0.00	\$0.00	0.000%	0
				4.77	\$32.55	2.538%	6,008

Yield & Management Results	
Total Acres	105,000
Total bales Harvested	202,344
yield (lbs/acre)	925
Total bales Lost to Insects	6,008
Percent Yield Loss	2.54%
Yield w/o Insects (lbs/ac)	949
Ave. # Spray Applications	4.77
Bales lost all factors	34,419
% yield loss all factors	14.54%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$3,418,170	\$32.55
At Planting Costs	\$1,417,500	\$13.50
In-furrow costs	\$808,500	\$7.70
Scouting costs	\$354,375	\$3.38
Eradication costs	\$105,000	\$1.00
Transgenic cotton	\$3,013,489	\$28.70
Total Costs	\$9,117,034	\$86.83
Yield Lost to insects	\$1,787,941	\$17.03
Total Losses + Costs	\$10,904,975	\$103.86