

Table 13

Florida

Cotton Insect Losses - 2013

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	62,500	1,250	1	0.010	\$0.08	0.25%	768
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	0	0	0	0.000	\$0.00	0.00%	0
Lygus	125,000	93,750	2	1.125	\$7.31	1.50%	4,608
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	25,000	2,500	1	0.020	\$0.16	0.00%	0
Thrips	118,750	100,000	1	0.800	\$2.00	0.95%	2,919
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Brown Stink Bugs	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	125,000	118,750	3	2.375	\$11.88	3.00%	9,216
Grasshoppers	0	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	100,000	62,500	1	0.500	\$2.25	0.60%	1,843
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0	0.000	\$0.00	0.00%	0
Loopers	0	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	31,250	18,750	1	0.150	\$0.98	0.13%	384
Leaf footed bugs	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
				4.980	\$24.65	6.43%	19,739

Yield & Management Results	
Total Acres	125,000
Total bales Harvested	195,313
yield (lbs/acre)	750
Total bales Lost to Insects	19,739
Percent Yield Loss	6.43%
Yield w/o Insects (lbs/ac)	801
Ave. # Spray Applications	4.98
Bales lost all factors	111,903
% yield loss all factors	36.4%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$3,081,563	\$24.65
At Planting Costs	\$1,875,000	\$15.00
In-furrow costs	\$275,000	\$2.20
Scouting costs	\$609,375	\$4.88
Eradication costs	\$125,000	\$1.00
Transgenic cotton	\$3,238,837	\$25.91
Total Costs	\$9,204,775	\$73.64
Yield Lost to insects	\$6,821,667	\$54.57
Total Losses + Costs	\$16,026,442	\$128.21