

Table 13

Pest	Florida				Cotton Insect Losses 2012		
	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	94,500	9,450	1	0.090	\$0.72	0.90%	2,642
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	21,000	15,750	1	0.150	\$0.90	0.20%	587
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	15,750	5,250	1	0.050	\$0.43	0.08%	220
Thrips	105,000	84,000	1	0.800	\$2.80	1.00%	2,935
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	0	0	0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	105,000	94,500	1	0.900	\$4.95	3.00%	8,805
Grasshoppers	0	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	105,000	84,000	1	0.800	\$4.00	1.00%	2,935
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	21,000	10,500	1	0.100	\$0.62	0.20%	587
Leaf footed bugs	15,750	7,350	1	0.070	\$0.42	0.08%	220
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
				2.960	\$14.84	6.45%	18,931

Yield & Management Results

Total Acres	105,000
Total bales Harvested	210,000
yield (lbs/acre)	960
Total bales Lost to Insects	18,931
Percent Yield Loss	6.45%
Yield w/o Insects (lbs/ac)	1,026
Ave. # Spray Applications	2.96
Bales lost all factors	83,505
% yield loss all factors	28.5%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$1,557,675	\$14.84
At Planting Costs	\$727,650	\$6.93
In-furrow costs	\$15,750	\$0.15
Scouting costs	\$546,000	\$5.20
Eradication costs	\$105,000	\$1.00
Transgenic cotton	\$2,559,207	\$24.37
Total Costs	\$5,511,282	\$52.49
Yield Lost to insects	\$6,815,190	\$64.91
Total Losses + Costs	\$12,326,471	\$117.39