

Table 12

Pest	Florida			Cotton Insect Losses 2007			
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	10,460	7,300	0.134	\$12.00	\$1.60	1.28	1,675
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	1,100	0	0.000	N/A	0.00	0.00	0
Lygus	5,960	2,850	0.049	\$9.31	\$0.46	0.45	586
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	1,650	800	0.028	\$18.00	\$0.50	0.29	375
Thrips	28,300	18,850	0.325	\$8.92	\$2.90	1.68	2,187
Beet Armyworm	300	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	6,700	3,575	0.062	\$11.24	\$0.69	0.81	1,063
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	32,300	17,600	0.476	\$11.66	\$5.54	3.22	4,206
Grasshoppers	200	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	21,500	2,900	0.050	\$8.21	\$0.41	0.22	291
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	20,000	0	0.000	N/A	\$0.00	0.64	833
Loopers	1,250	500	0.009	\$9.00	\$0.08	0.08	104
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Yellowstriped Armyworms	200	100	0.002	\$7.70	\$0.01	0.00	1
Cutworms	500	300	0.005	\$10.00	\$0.05	0.02	21

Percent Lost	8.69
Total Acres	58,044
Total Bales lost	11,342
Bales lost in dollars	\$3,266,412

Est. yield/acre	682
Spray applications	1.138
Cost + loss	\$5,862,764
Cost + loss/acre	\$101.01

	Cost/Acre
Foliar insecticide	\$12.24
At planting	\$9.35
Bt use fees	\$17.71
Eradication	\$1.19
Scouting	\$4.24
Total	\$44.73

