

Table 12 Florida Cotton Insect Losses – 2005

Pest	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	13,500	9,000	0.120	\$14.10	\$1.69	0.45	1,013
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	900	0	0.000	N/A	0.00	0.00	0
Lygus	18,000	3,100	0.034	\$7.00	\$0.24	0.20	450
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.00	0
Thrips	32,400	3,150	0.035	\$7.30	\$0.26	0.18	405
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	11,250	1,800	0.020	\$17.00	\$0.34	0.06	141
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	78,300	76,500	1.275	\$10.75	\$13.71	2.61	5,873
Grasshoppers	300	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	90,000	1,350	0.015	\$9.50	\$0.14	0.10	225
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	2,200	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	33,500	680	0.008	\$11.25	\$0.09	0.00	0
Yellowstriped Armyworms	3,000	0	0.000	N/A	\$0.00	0.00	0
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0
Percent Lost	3.60		Est. yield/acre	675			Cost/ Acre
						Foliar insecticide	\$16.46

Total Acres	90,000	Spray applications	1.507	At planting	\$8.80
				Bt use fees	\$20.35
		Cost + loss	\$7,530,258	Eradication	\$5.00
Total Bales lost	8,106			Scouting	\$7.12
Bales lost in dollars	\$2,334,420	Cost + loss/acre	\$83.67	Total	\$57.73