

Table 23a

Texas Gulf Coast and Winter Garden

Cotton Insect Losses 2007

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	196,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	410,069	136,813	0.267	\$9.25	\$2.47	0.00	0
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	513,368	487,700	2.185	\$7.39	\$16.15	1.00	10,695
Lygus	128,500	15,000	0.029	\$9.40	\$0.27	0.00	0
Cotton Leaf Perforator	28,500	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	102,674	71,000	0.138	\$10.30	\$1.42	0.00	0
Thrips	513,368	56,000	0.109	\$7.21	\$0.79	0.00	0
Beet Armyworm	14,402	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	28,462	1,000	0.002	\$12.71	\$0.02	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	513,368	402,000	1.723	\$9.70	\$16.71	1.20	12,834
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	26,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	256,684	102,674	0.200	\$8.80	\$1.76	0.00	0
Banded Winged Whitefly	19,000	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	48,000	1,000	0.002	\$9.54	\$0.02	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Green Mirid	32,858	5,400	0.011	\$9.75	\$0.10	0.06	685
Cutworms	50,000	27,500	0.054	\$7.25	\$0.39	0.00	0

Percent Lost	2.26
Total Acres	513,368
Total Bales lost	24,214
Bales lost in dollars	\$6,973,606

Est. yield/acre	714
Spray applications	4.719
Cost + loss	\$46,859,431
Cost + loss/acre	\$91.28

	Cost/Acre
Foliar insecticide	\$40.10
At planting	\$3.92
Bt use fees	\$6.41
Eradication	\$22.41
Scouting	\$4.86
Total	\$77.69

