

Table 16b Mississippi Delta nonBt Cotton Insect Losses 2006

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	85,000	80,750	1.520	\$10.25	\$15.58	2.50	7,083
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	0	0	0.000	N/A	0.00	0.00	0
Lygus	85,000	81,600	3.072	\$9.00	\$27.65	0.60	1,700
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	60,000	45,000	0.635	\$12.25	\$7.78	0.56	1,600
Thrips	85,000	38,000	0.447	\$5.50	\$2.46	0.10	283
Beet Armyworm	41,500	4,500	0.053	\$9.50	\$0.50	0.01	35
Fall Armyworm	45,000	28,500	0.335	\$10.80	\$3.62	0.37	1,050
European Comborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	73,000	28,500	0.335	\$7.25	\$2.43	0.26	730
Grasshoppers	19,500	500	0.006	\$5.10	\$0.03	0.00	7
Saltmarsh Caterpillars	1,100	450	0.005	\$7.00	\$0.04	0.00	0
Aphids	85,000	29,000	0.375	\$9.75	\$3.66	0.20	567
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	22,000	600	0.007	\$10.50	\$0.07	0.00	7
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Clouded Plant Bugs	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	19,500	44,000	0.518	\$3.50	\$1.81	0.00	1
Percent Lost	4.61		Est. yield/acre	930			Cost/ Acre
						Foliar insecticide	\$65.64
Total Acres	85,000		Spray applications	7.309		At planting	\$8.79
						Bt use fees	\$0.00
Total Bales lost	13,063		Cost + loss	\$11,320,439		Eradication	\$8.50
Bales lost in dollars	\$3,762,077		Cost + loss/acre	\$133.18		Scouting	\$6.00
						Total	\$88.92