

Table 16

Pest	Mississippi Summary			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	0.000	0
Bollworm/Budworm	516,900	341,000	0.595	\$10.07	\$6.00	0.635	13,549
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	26,500	5,000	0.008	\$7.50	0.06	0.004	83
Lygus	614,500	555,000	5.349	\$9.00	\$48.14	1.006	21,458
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	388,500	231,000	0.512	\$15.00	\$7.68	0.451	9,608
Thrips	665,500	340,500	0.553	\$7.00	\$3.87	0.100	2,130
Beet Armyworm	12,000	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	135,750	19,400	0.029	\$10.00	\$0.29	0.116	2,466
European Cornborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	447,500	183,500	0.276	\$7.25	\$2.00	0.212	4,518
Grasshoppers	81,250	1,500	0.002	\$6.50	\$0.01	0.006	125
Saltmarsh Caterpillars	6,750	1,500	0.002	\$8.50	\$0.02	0.000	8
Aphids	335,000	109,500	0.164	\$9.72	\$1.60	0.102	2,183
Banded Winged Whitefly	25,000	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.000	0
Loopers	83,100	3,000	0.005	\$9.00	\$0.04	0.001	26
Southern Armyworms	1,400	0	0.000	N/A	\$0.00	0.000	0
Clouded Plant Bugs	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	52,000	415,000	0.623	\$4.50	\$2.80	0.001	16

Percent Lost	2.63
Total Acres	666,000
Total Bales lost	56,170
Bales lost in dollars	\$16,177,014

Est. yield/acre	971
Spray applications	8.118
Cost + loss	\$94,661,534
Cost + loss/acre	\$142.13

	Cost/Acre
Foliar insecticide	\$72.51
At planting	\$8.87
Bt use fees	\$17.37
Eradication	\$12.00
Scouting	\$7.09
Total	\$117.84

