

Table 16 Mississippi Summary Cotton Insect Losses 2003

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	1,100,000	780,000	1.035	\$9.00	\$9.31	1.90	57,917
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	75,000	500	0.000	\$7.50	0.00	0.01	375
Lygus	1,030,000	830,000	2.181	\$8.21	\$17.90	1.79	54,425
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	1,000,000	45,000	0.055	\$12.36	\$0.68	0.36	10,958
Thrips	1,100,000	400,000	0.414	\$4.72	\$1.95	0.27	8,125
Beet Armyworm	100,000	26,200	0.024	\$9.00	\$0.21	0.08	2,350
Fall Armyworm	280,000	150,000	0.169	\$9.04	\$1.53	0.27	8,188
European Cornborer	5,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	1,100,000	410,000	0.465	\$7.30	\$3.39	0.87	26,363
Grasshoppers	70,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	63,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	1,100,000	240,000	0.258	\$8.92	\$2.30	0.20	5,975
Banded Winged Whitefly	620,000	12,000	0.015	\$10.60	\$0.16	0.02	729
Silverleaf Whitefly (Bemisia)	10,000	500	0.001	\$9.50	\$0.01	0.02	625
Loopers	270,000	68,000	0.062	\$8.84	\$0.55	0.04	1,290
Southern Armyworms	80,000	0	0.000	N/A	\$0.00	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	430,000	380,000	0.345	\$1.97	\$0.68	0.03	987

Percent Lost	5.86
Total Acres	1,100,000
Total Bales lost	178,306
Bales lost in dollars	\$51,352,080

Est. yield/acre	914
Spray applications	5.024
Cost + loss	\$150,967,285
Cost + loss/acre	\$137.24

	Cost/ Acre
Foliar insecticide	\$38.68
At planting	\$8.60
Bt use fees	\$23.80
Eradication	\$13.43
Scouting	\$6.05
Total	\$90.56