

**Table 16 Mississippi Summary Cotton Insect Losses – 2005**

<b>Pest</b>	<b>acres infested</b>	<b>acres treated</b>	<b># insect appls</b>	<b>Cost of 1 applic</b>	<b>cost/ acre</b>	<b>%red</b>	<b>Bales lost</b>
Boll Weevil	0	0	0.000	N/A	\$0.00	0.000	0
Bollworm/Budworm	1,093,750	864,437	0.760	\$8.08	\$6.14	1.313	49,579
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	7,200	0	0.000	N/A	0.00	0.000	0
Lygus	1,200,000	1,096,625	3.830	\$8.55	\$32.73	1.824	68,871
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	925,000	278,000	0.321	\$12.60	\$4.05	0.640	24,153
Thrips	1,200,000	586,600	0.520	\$5.36	\$2.79	0.211	7,975
Beet Armyworm	59,250	16,700	0.014	\$9.50	\$0.13	0.003	102
Fall Armyworm	506,000	76,407	0.071	\$11.22	\$0.80	0.111	4,206
European Cornborer	2,000	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	924,750	238,000	0.232	\$7.00	\$1.63	0.274	10,360
Grasshoppers	88,775	0	0.000	N/A	\$0.00	0.000	0
Saltmarsh Caterpillars	36,200	0	0.000	N/A	\$0.00	0.000	0
Aphids	1,112,520	399,550	0.335	\$9.19	\$3.08	0.093	3,493
Banded Winged Whitefly	90,500	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	176,500	5,300	0.004	\$8.50	\$0.04	0.001	57
Southern Armyworms	4,200	1,350	0.001	\$7.00	\$0.01	0.000	1
Clouded Plant Bugs	54,000	3,350	0.003	\$8.00	\$0.02	0.000	7
Cutworms	195,000	286,000	0.238	\$2.00	\$0.48	0.002	63
Percent Lost	4.47		Est. yield/acre	855			Cost/ Acre
						Foliar insecticide	\$51.88

Total Acres	1,200,000	Spray applications	6.330	At planting	\$8.55
				Bt use fees	\$19.10
		Cost + loss	\$162,811,300	Eradication	\$9.23
Total Bales lost	168,868			Scouting	\$6.38
Bales lost in dollars	\$48,633,963	Cost + loss/acre	\$135.68	Total	\$95.15