

Table 16

## Mississippi Summary

## Cotton Insect Losses ♦ 2004

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	910,125	668,850	0.647	\$8.10	\$5.24	1.29	44,806
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	6,400	0	0.000	N/A	0.00	0.00	0
Lygus	1,083,500	933,050	3.899	\$8.25	\$32.17	1.94	67,152
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	573,500	116,825	0.126	\$12.40	\$1.56	0.11	3,733
Thrips	1,073,125	415,337	0.397	\$5.00	\$1.98	0.19	6,508
Beet Armyworm	80,875	20,762	0.019	\$9.00	\$0.17	0.00	62
Fall Armyworm	270,250	36,525	0.036	\$9.00	\$0.32	0.05	1,610
European Comborer	2,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	666,500	172,100	0.177	\$7.00	\$1.24	0.14	4,906
Grasshoppers	83,250	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	35,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	786,375	306,550	0.279	\$9.00	\$2.51	0.07	2,457
Banded Winged Whitefly	108,200	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	65,300	9,200	0.005	\$8.50	\$0.04	0.00	44
Southern Armyworms	5,600	1,650	0.002	\$7.00	\$0.01	0.00	3
Clouded Plant Bugs	41,000	3,350	0.003	\$8.00	\$0.02	0.00	6
Cutworms	160,500	286,000	0.260	\$2.00	\$0.52	0.00	52

Percent Lost	3.79
Total Acres	1,100,000
Total Bales lost	131,338
Bales lost in dollars	\$37,825,486

Est. yield/acre	1,011
Spray applications	5.849
Cost + loss	\$141,173,028
Cost + loss/acre	\$128.34

	Cost/ Acre
Foliar insecticide	\$45.79
At planting	\$8.23
Bt use fees	\$24.14
Eradication	\$9.22
Scouting	\$6.57
Total	\$93.95