

# Mississippi Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	922,268	449,608	2.020	\$5.30	\$10.71	1.486	30,742
Bollworm/budworm	930,528	805,506	2.509	\$10.83	\$27.17	4.220	87,293
Pink Bollworm	0	0	0.000	n/a.	\$0.00	0.000	0
Cotton Fleahopper	57,000	12,300	0.013	\$6.64	\$0.09	0.011	219
Lygus	930,528	528,506	1.255	\$7.18	\$9.01	0.804	16,626
Cotton Leafperforator	0	0	0.000	n/a	\$0.00	0.00	0
Spider Mites	930,528	81,800	0.113	\$12.60	\$1.31	0.076	1,579
Thrips, early season	930,528	267,631	0.294	\$2.69	\$0.79	0.123	2,541
Beet Armyworm	930,528	145,915	0.189	\$14.11	\$2.66	0.116	2,406
Fall Armyworm	930,528	160,815	0.191	\$11.08	\$2.12	0.239	4,948
European Corn Borer	25,500	0	0.000	n/a	\$0.00	0.000	0
Stink Bugs	323,000	13,700	0.018	\$6.53	\$0.12	0.027	554
Grasshoppers	565,268	4,900	0.005	n/a	\$0.04	0.003	54
Salt-marsh Caterpillars	134,700	4,000	0.004	\$9.31	\$0.04	0.000	2
Aphids	930,528	358,898	0.485	\$8.50	\$4.12	0.926	19,153
Bandedwinged Whitefly	930,528	135,697	0.219	\$8.00	\$1.75	0.232	4,795
Sweetpotato Whitefly	6,000	0	0.000	n/a	\$0.00	0.000	0
Soybean Loopers	930,528	127,500	0.137	\$13.90	\$1.90	0.070	1,458
Cabbage Loopers	0	0	0.000	n/a	\$0.00	0.000	0
Western Flower Thrips	930,528	0	0.000	n/a	\$0.00	0.000	0
Cutworms	486,400	101,000	0.109	\$5.46	\$0.59	0.022	446
Percent Lost	8.35		Est. yield/acre	717			Cost/Acre
						Foliar insecticide	\$62.44
Total Acres	930,528		Spray applications	7.562		At planting	\$6.96
Harvested acres	565,268					Bt use fees	\$17.09
			Cost loss	\$150,922,010		Eradication	\$12.09
Total Bales lost	172,816					Scouting	\$5.68
Bales lost in dollars	\$53,918,654		Cost loss/acre	\$162.19		Total	\$104.25

# Mississippi Delta

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	565,268	447,008	3.321	\$5.30	\$17.60	2.270	30,742
Bollworm/budworm	565,268	491,506	3.130	\$11.00	\$34.43	3.460	46,858
Pink Bollworm	0	0	0.000	n/a.	\$0.00	0.000	0
Cotton Fleahopper	7,000	5,300	0.009	\$7.21	\$0.07	0.012	168
Lygus	565,268	488,506	1.988	\$7.21	\$14.33	1.200	16,251
Cotton Leafperforator	0	0	0.000	n/a	\$0.00	0.00	0
Spider Mites	565,268	78,300	0.180	\$12.60	\$2.07	0.100	1,354
Thrips, early season	565,268	147,131	0.260	\$2.60	\$0.68	0.160	2,167
Beet Armyworm	565,268	98,915	0.227	\$14.30	\$3.25	0.150	2,031
Fall Armyworm	565,268	74,815	0.132	\$11.60	\$1.54	0.100	1,354
European Corn Borer	500	0	0.000	n/a	\$0.00	0.000	0
Stink Bugs	127,000	2,700	0.005	\$6.70	\$0.03	0.011	152

Grasshoppers	565,268	4,900	0.008	n/a	\$0.07	0.004	54
Salt-marsh Caterpillars	11,000	500	0.001	\$8.00	\$0.01	0.000	2
Aphids	565,268	150,156	0.319	\$8.50	\$2.71	0.419	5,674
Bandedwinged Whitefly	565,268	22,500	0.040	\$8.00	\$0.32	0.050	677
Sweetpotato Whitefly	0	0	0.000	n/a	\$0.00	0.000	0
Soybean Loopers	565,268	42,500	0.075	\$14.10	\$1.06	0.080	1,083
Cabbage Loopers	0	0	0.000	n/a	\$0.00	0.000	0
Western Flower Thrips	565,268	0	0.000	n/a	\$0.00	0.000	0
Cutworms	304,400	63,000	0.111	\$5.50	\$0.61	0.005	73
Percent Lost	8.02		Est. yield/acre	769			Cost/Acre
						Foliar insecticide	\$78.78
Total Acres	565,268		Spray applications	9.808		At planting	\$7.00
Harvested acres	565,268					Bt use fees	\$12.76
			Cost loss	\$95,930,961		Eradication	\$4.92
Total Bales lost	108,643					Scouting	\$6.29
Bales lost in dollars	\$33,896,618		Cost loss/acre	\$169.71		Total	\$109.74

## Mississippi Hills

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	357,000	2,600	0.007	\$5.50	\$0.04	0.000	0
Bollworm/budworm	365,260	314,000	1.547	\$10.30	\$15.94	5.400	40,434
Pink Bollworm	0	0	0.000	n/a.	\$0.00	0.000	0
Cotton Fleahopper	50,000	7,000	0.019	\$6.20	\$0.12	0.007	51
Lygus	365,260	40,000	0.120	\$6.50	\$0.78	0.050	374
Cotton Leafperforator	0	0	0.000	n/a	\$0.00	0.00	0
Spider Mites	365,260	3,500	0.010	\$12.60	\$0.12	0.030	225
Thrips, early season	365,260	120,500	0.346	\$2.80	\$0.97	0.050	374
Beet Armyworm	365,260	47,000	0.129	\$13.60	\$1.75	0.050	374
Fall Armyworm	365,260	86,000	0.283	\$10.70	\$3.02	0.480	3,594
European Corn Borer	25,000	0	0.000	n/a	\$0.00	0.000	0
Stink Bugs	196,000	11,000	0.039	\$6.50	\$0.25	0.054	402
Grasshoppers	0	0	0.000	n/a	\$0.00	0.000	0
Salt-marsh Caterpillars	123,700	3,500	0.010	\$9.50	\$0.09	0.000	0
Aphids	365,260	208,742	0.743	\$8.50	\$6.31	1.800	13,478
Bandedwinged Whitefly	365,260	113,197	0.496	\$8.00	\$3.97	0.550	4,118
Sweetpotato Whitefly	6,000	0	0.000	n/a	\$0.00	0.000	0
Soybean Loopers	365,260	85,000	0.233	\$13.80	\$3.21	0.000	0
Cabbage Loopers	0	0	0.000	n/a	\$0.00	0.000	0
Western Flower Thrips	365,260	0	0.000	n/a	\$0.00	0.000	0
Cutworms	182,000	38,000	0.104	\$5.40	\$0.56	0.050	373
Percent Lost	8.52		Est. yield/acre	636			Cost/Acre
						Foliar insecticide	\$37.14
Total Acres	365,260		Spray applications	4.086		At planting	\$6.89
Harvested acres	365,260					Bt use fees	\$24.60
			Cost loss	\$55,080,626		Eradication	\$22.00
Total Bales lost	63,799					Scouting	\$5.67
Bales lost in dollars	\$19,905,241		Cost loss/acre	\$150.80		Total	\$96.30

