

Table 8. Alabama Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	1,600	1,600	0.000	N/A	\$0.00	0.000	0
Bollworm/budworm	567,500	150,000	0.292	\$9.07	\$2.65	0.650	9,227
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	60,000	3,000	0.005	\$6.17	\$0.03	0.044	625
Lygus	440,000	230,000	0.390	\$4.98	\$1.94	0.498	7,068
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	120,000	5,000	0.008	\$9.90	\$0.08	0.229	3,250
Thrips, early season	590,000	85,000	0.144	\$4.11	\$0.59	0.761	10,802
Beet Armyworm	300	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	5,000	0	0.000	N/A	\$0.00	0.000	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	590,000	85,000	0.144	\$6.00	\$0.86	0.511	7,250
Grasshoppers	20,000	8,200	0.017	\$9.45	\$0.16	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	590,000	30,000	0.051	\$11.13	\$0.57	1.239	17,573
Bandedwinged Whitefly	245,000	5,000	0.008	\$12.00	\$0.10	0.081	1,146
Silverleaf Whitefly	10,000	1,000	0.002	\$12.00	\$0.02	0.000	0
Soybean Loopers	26,000	12,000	0.020	\$14.92	\$0.30	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	150,000	0	0.000	N/A	\$0.00	0.000	0
Cutworms	92,000	81,500	0.138	\$2.85	\$0.39	0.000	0
Percent Lost	4.01		Est. yield/acre	520			Cost/Acre
						Foliar insecticide	\$7.70
Total Acres	590,000		Spray applications	1.220		At planting	\$12.03
						Bt use fees	\$18.29
			Cost + loss	\$44,118,550		Eradication	\$5.00
Total Bales lost	56,940					Scouting	\$3.96
Bales lost in dollars	\$16,398,750		Cost + loss/acre	\$74.78		Total	\$46.98

Table 8a. North Alabama

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	0.000	0
Bollworm/budworm	250,000	15,000	0.060	\$8.25	\$0.50	0.000	0
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	0	0	0.000	N/A	\$0.00	0.000	0
Lygus	250,000	200,000	0.800	\$4.80	\$3.84	0.750	5,078
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	120,000	5,000	0.020	\$9.90	\$0.20	0.480	3,250
Thrips, early season	250,000	30,000	0.120	\$3.80	\$0.46	0.500	3,385
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.000	0

Fall Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	250,000	0	0.000	N/A	\$0.00	0.100	677
Grasshoppers	5,000	200	0.001	\$7.25	\$0.01	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	250,000	5,000	0.020	\$12.80	\$0.26	1.500	10,156
Bandedwinged Whitefly	100,000	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	3,000	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	150,000	0	0.000	N/A	\$0.00	0.000	0
Cutworms	85,000	80,000	0.320	\$2.75	\$0.88	0.000	0
Percent Lost	3.33		Est. yield/acre	580			Cost/ Acre
						Foliar insecticide	\$6.13
Total Acres	250,000		Spray applications	1.341		At planting	\$13.50
						Bt use fees	\$21.32
			Cost + loss	\$18,873,700		Eradication	\$5.00
Total Bales lost	22,547					Scouting	\$3.57
Bales lost in dollars	\$6,493,500		Cost + loss/acre	\$75.49		Total	\$49.52

Table 8b. Central Alabama

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	1,200	1,200	0.000	N/A	\$0.00	0.000	0
Bollworm/budworm	67,500	22,500	0.250	\$7.00	\$1.75	0.375	633
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	30,000	1,000	0.011	\$5.50	\$0.06	0.167	281
Lygus	90,000	10,000	0.111	\$5.50	\$0.61	0.500	844
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	90,000	30,000	0.333	\$4.50	\$1.50	1.000	1,688
Beet Armyworm	300	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	90,000	10,000	0.111	\$6.00	\$0.67	0.500	844
Grasshoppers	10,000	8,000	0.107	\$9.50	\$1.01	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	90,000	5,000	0.056	\$10.00	\$0.56	1.000	1,688
Bandedwinged Whitefly	45,000	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	8,000	2,000	0.022	\$14.50	\$0.32	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0

Cutworms	5,000	1,000	0.011	\$9.00	\$0.10	0.000	0
Percent Lost	3.54		Est. yield/acre	340			Cost/ Acre
						Foliar insecticide	\$6.58
Total Acres	90,000		Spray applications	1.012		At planting	\$11.33
Harvested acres						Bt use fees	\$17.36
			Cost + loss	\$5,777,850		Eradication	\$5.00
Total Bales lost	5,977					Scouting	\$4.80
Bales lost in dollars	\$1,721,250		Cost + loss/acre	\$64.20		Total	\$45.07

Table 8c. South Alabama

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	400	400	0.000	N/A	\$0.00	0.000	0
Bollworm/budworm	250,000	112,500	0.540	\$9.50	\$5.13	1.500	8,594
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	30,000	2,000	0.008	\$6.50	\$0.05	0.060	344
Lygus	100,000	20,000	0.080	\$6.50	\$0.52	0.200	1,146
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	250,000	25,000	0.100	\$4.00	\$0.40	1.000	5,729
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	5,000	0	0.000	N/A	\$0.00	0.000	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	250,000	75,000	0.300	\$6.00	\$1.80	1.000	5,729
Grasshoppers	5,000	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	250,000	20,000	0.080	\$11.00	\$0.88	1.000	5,729
Bandedwinged Whitefly	100,000	5,000	0.020	\$12.00	\$0.24	0.200	1,146
Sweetpotato Whitefly	10,000	1,000	0.004	\$12.00	\$0.05	0.000	0
Soybean Loopers	15,000	10,000	0.040	\$15.00	\$0.60	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	2,000	500	0.002	\$6.00	\$0.01	0.000	0
Percent Lost	4.96		Est. yield/acre	525			Cost/ Acre
						Foliar insecticide	\$9.68
Total Acres	250,000		Spray applications	1.174		At planting	\$10.80
						Bt use fees	\$15.60
			Cost + loss	\$19,467,000		Eradication	\$5.00
Total Bales lost	28,417					Scouting	\$4.05
Bales lost in dollars	\$8,184,000		Cost + loss/acre	\$77.87		Total	\$45.13