

Table 8. Alabama Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	1800	0	0.000	N/A	\$0.00	0.000	0
Bollworm/budworm	533,381	175,000	0.412	\$9.22	\$3.80	1.975	25404
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	25,000	0	0.000	N/A	\$0.00	0.000	0
Lygus	513,381	288,381	1.111	\$4.93	\$5.48	2.502	32179
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	150,000	0	0.000	N/A	\$0.00	1.011	13000
Thrips, early season	533,381	288,381	0.678	\$3.43	\$2.32	1.197	15394
Beet Armyworm	10,000	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	35,000	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	533,381	60,000	0.112	\$6.00	\$0.67	1.022	13146
Grasshoppers	55,000	6,000	0.015	\$8.04	\$0.12	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	533,381	12,000	0.022	\$8.92	\$0.20	0.756	9727
Bandedwinged Whitefly	80,000	2,000	0.004	\$12.00	\$0.04	0.000	0
Silverleaf Whitefly	1,000	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	110,000	6,000	0.011	\$15.00	\$0.17	0.000	0
Cabbage Loopers	12,000	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	243,381	0	0.000	N/A	\$0.00	0.000	0
Cutworms	81,000	40,900	0.077	\$3.85	\$0.30	0.000	0
Percent Lost	8.46		Est. yield/acre	525			Cost/ Acre
						Foliar insecticide	\$13.11
Total Acres	533,381		Spray applications	2,443		At planting	\$12.08
						Bt use fees	\$18.81
			Cost + loss	\$59,934,315		Eradication	\$5.00
Total Bales lost	108,849					Scouting	\$4.60
Bales lost in dollars	\$31,348,603		Cost + loss/acre	\$112.37		Total	\$53.59

Table 8a. North Alabama Summary

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	243,381	50,000	0.205	\$8.25	\$1.69	1.000	6,592
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	243,381	243,381	2.250	\$4.80	\$10.80	4.000	26,366
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	150,000	0	0.000	N/A	\$0.00	1.972	13,000
Thrips, early season	243,381	243,381	1.300	\$3.35	\$4.36	1.000	6,592
Beet Armyworm	10,000	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	10,000	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	243,381	0	0.000	N/A	\$0.00	0.000	0
Grasshoppers	50,000	2,000	0.008	\$3.65	\$0.03	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	243,381	5,000	0.021	\$6.00	\$0.12	1.000	6,592
Bandedwinged Whitefly	50,000	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	0	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	243,381	0	0.000	N/A	\$0.00	0.000	0
Cutworms	80,000	40,000	0.164	\$3.80	\$0.62	0.000	0
Percent Lost	8.97		Est. yield/acre	480			Cost/ Acre
						Foliar insecticide	\$17.63

Total Acres	243,381		Spray applications	3,949		At planting	\$13.90
						Bt use fees	\$21.32
			Cost + loss	\$31,929,915		Eradication	\$5.00
Total Bales lost	59,141					Scouting	\$3.36
Bales lost in dollars	\$17,032,603		Cost + loss/acre	\$131.19		Total	\$61.21

Table 8b. Central Alabama Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	1,800	0	0.000	N/A	\$0.00	0.000	0
Bollworm/budworm	90,000	35,000	0.389	\$9.50	\$3.69	3.000	5,063
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	15,000	0	0.000	N/A	\$0.00	0.000	0
Lygus	90,000	25,000	0.278	\$6.50	\$1.81	1.000	1,688
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	90,000	25,000	0.278	\$4.00	\$1.11	2.500	4,219
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	90,000	10,000	0.111	\$6.00	\$0.67	1.000	1,688
Grasshoppers	5,000	4,000	0.067	\$9.50	\$0.63	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	90,000	2,000	0.022	\$11.00	\$0.24	0.500	844
Bandedwinged Whitefly	10,000	1,000	0.011	\$12.00	\$0.13	0.000	0
Sweetpotato Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	30,000	1,000	0.011	\$15.00	\$0.17	0.000	0
Cabbage Loopers	10,000	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	500	500	0.006	\$6.00	\$0.03	0.000	0
Percent Lost	8.00		Est. yield/acre	480			Cost/ Acre
						Foliar insecticide	\$8.49
Total Acres	90,000		Spray applications	1.172		At planting	\$11.33
Harvested acres						Bt use fees	\$19.60
			Cost + loss	\$8,372,000		Eradication	\$5.00
Total Bales lost	13,500					Scouting	\$5.40
Bales lost in dollars	\$3,888,000		Cost + loss/acre	\$93.02		Total	\$49.82

Table 8c. South Alabama Summary

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	200,000	90,000	0.675	\$9.50	\$6.41	3.000	13,750
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	10,000	0	0.000	N/A	\$0.00	0.000	0
Lygus	180,000	20,000	0.100	\$6.50	\$0.65	0.900	4,125
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	200,000	20,000	0.100	\$4.00	\$0.40	1.000	4,583
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	20,000	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	200,000	50,000	0.250	\$6.00	\$1.50	2.500	11,458
Grasshoppers	0	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	200,000	5,000	0.025	\$11.00	\$0.28	0.500	2,292
Bandedwinged Whitefly	20,000	1,000	0.005	\$12.00	\$0.06	0.000	0

Sweetpotato Whitefly	1,000	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	80,000	5,000	0.025	\$15.00	\$0.38	0.000	0
Cabbage Loopers	2,000	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	500	400	0.002	\$6.00	\$0.01	0.000	0
Percent Lost	7.90		Est. yield/acre	600			Cost/ Acre
						Foliar insecticide	\$9.68
Total Acres	200,000		Spray applications	1.182		At planting	\$10.20
						Bt use fees	\$15.40
			Cost + loss	\$19,632,400		Eradication	\$5.00
Total Bales lost	36,208					Scouting	\$5.74
Bales lost in dollars	\$10,428,000		Cost + loss/acre	\$98.16		Total	\$46.02