

Alabama Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	1,500	0	0.000	N/A	\$0.00	0.000	0
Bollworm/budworm	455,000	295,000	1.387	\$9.92	\$13.77	4.699	46,766
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	96,000	25,000	0.082	\$6.75	\$0.56	0.008	75
Lygus	455,000	145,000	0.391	\$5.20	\$2.03	1.794	17,859
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	10,750	100	0.000	\$15.00	\$0.00	0.025	250
Thrips, early season	455,000	146,000	0.338	\$4.13	\$1.40	0.951	9,469
Beet Armyworm	50,000	500	0.002	\$16.00	\$0.04	0.000	0
Fall Armyworm	455,000	162,500	0.670	\$10.47	\$7.02	2.088	20,781
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	300,000	178,000	0.625	\$6.39	\$3.99	0.993	9,888
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	405,000	17,000	0.037	\$9.63	\$0.36	0.147	1,463
Bandedwinged Whitefly	90,000	0	0.000	N/A	\$0.00	0.023	225
Sweetpotato Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	2,500	250	0.001	\$12.50	\$0.01	0.000	0
Cabbage Loopers	42,500	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	185,000	0	0.000	N/A	\$0.00	0.046	463
Cutworms	12,000	9,800	0.022	\$3.96	\$0.09	0.002	20
Percent Lost	10.78		Est. yield/acre	556			Cost/Acre
						Foliar insecticide	\$29.25
Total Acres	455,000		Spray applications	3.557		At planting	\$11.00
Harvested acres	400,000					Bt use fees	\$20.11
			Cost loss	\$64,473,000		Eradication	\$6.37
Total Bales lost	107,258					Scouting	\$1.42
Bales lost in dollars	\$33,464,340		Cost loss/acre	\$141.70		Total	\$68.15

North Alabama

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	1,500	0	0.000	N/A	\$0.00	0.000	0
Bollworm/budworm	185,000	80,000	0.519	\$8.50	\$4.41	2.000	9,250
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	185,000	110,000	0.773	\$5.00	\$3.86	3.250	15,031
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	10,000	0	0.000	N/A	\$0.00	0.054	250
Thrips, early season	185,000	40,000	0.259	\$3.00	\$0.78	0.500	2,313
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	185,000	0	0.000	N/A	\$0.00	0.250	1,156
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	30,000	10,000	0.054	\$5.00	\$0.27	0.016	75

Gras hoppers	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	135,000	3,000	0.016	\$9.25	\$0.15	0.219	1,013
Bandedwinged Whitefly	90,000	0	0.000	N/A	\$0.00	0.049	225
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	185,000	0	0.000	N/A	\$0.00	0.100	463
Cutworms	8,000	8,000	0.043	\$3.40	\$0.15	0.004	20
Percent Lost	6.44		Est. yield/acre	705			Cost/Acre
						Foliar insecticide	\$9.62
Total Acres	185,000		Spray applications	1.665		At planting	\$12.43
Harvested acres	185,000					Bt use fees	\$23.29
			Cost loss	\$19,719,250		Eradication	\$7.50
Total Bales lost	29,795					Scouting	\$3.50
Bales lost in dollars	\$9,296,040		Cost loss/acre	\$106.59		Total	\$56.34

Central 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	80,000	63,000	1.181	\$11.00	\$12.99	7.000	10,500
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	20,000	0	0.000	N/A	\$0.00	0.050	75
Lygus	80,000	5,000	0.063	\$6.00	\$0.38	0.500	750
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	80,000	30,000	0.375	\$5.00	\$1.88	2.000	3,000
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	80,000	20,000	0.250	\$10.00	\$2.50	2.000	3,000
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	80,000	35,000	0.438	\$6.00	\$2.63	1.000	1,500
Gras hoppers	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	80,000	4,000	0.050	\$9.00	\$0.45	0.300	450
Bandedwinged Whitefly	0	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	40,000	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	1,000	1,000	0.013	\$6.00	\$0.08	0.000	0
Percent Lost	12.85		Est. yield/acre	580			Cost/Acre
						Foliar insecticide	\$20.89
Total Acres	80,000		Spray applications	2.369		At planting	\$10.31
Harvested acres	80,000					Bt use fees	\$22.48
			Cost loss	\$11,228,300		Eradication	\$7.00
Total Bales lost	19,275					Scouting	\$4.50
Bales lost in dollars	\$6,013,800		Cost loss/acre	\$140.35		Total	\$65.18

South 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	190,000	152,000	2.320	\$10.00	\$23.20	6.500	27,016
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	76,000	25,000	0.197	\$6.75	\$1.33	0.000	0
Lygus	190,000	30,000	0.158	\$6.00	\$0.95	0.500	2,078
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	750	100	0.001	\$15.00	\$0.01	0.000	0
Thrips, early season	190,000	76,000	0.400	\$4.50	\$1.80	1.000	4,156
Beet Armyworm	50,000	500	0.005	\$16.00	\$0.08	0.000	0
Fall Armyworm	190,000	142,500	1.500	\$10.50	\$15.75	4.000	16,625
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	190,000	133,000	1.260	\$6.50	\$8.19	2.000	8,313
Gras hoppers	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	190,000	10,000	0.053	\$10.00	\$0.53	0.000	0
Bandedwinged Whitefly	0	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	2,500	250	0.001	\$12.50	\$0.02	0.000	0
Cabbage Loopers	2,500	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	3,000	800	0.004	\$7.00	\$0.03	0.000	0
Percent Lost	14.00		Est. yield/acre	400			Cost/Acre
						Foliar insecticide	\$51.88
Total Acres	190,000		Spray applications	5.899		At planting	\$9.90
Harvested acres	135,000					Bt use fees	\$16.01
			Cost loss	\$34,811,700		Eradication	\$5.00
Total Bales lost	58,188					Scouting	\$4.88
Bales lost in dollars	\$18,154,500		Cost loss/acre	\$183.22		Total	\$87.67