

Table 8 Summary Alabama Cotton Insect Losses – 2005

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	630,000	325,000	0.542	\$7.00	\$3.79	2.39	35,892
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	10,000	0	0.000	N/A	0.00	0.00	0
Lygus	610,000	250,000	0.697	\$6.35	\$4.42	1.02	15,396
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	225,000	95,000	0.181	\$12.00	\$2.17	0.34	5,146
Thrips	630,000	162,000	0.302	\$4.17	\$1.26	0.78	11,760
Beet Armyworm	5,000	1,000	0.002	\$15.00	\$0.02	0.00	0
Fall Armyworm	220,000	5,000	0.008	\$15.00	\$0.12	0.15	2,302
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	560,000	332,000	1.127	\$6.98	\$7.87	2.39	35,917
Grasshoppers	35,000	5,000	0.008	\$6.75	\$0.05	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	560,000	18,000	0.029	\$10.19	\$0.29	0.04	542
Banded Winged Whitefly	4,000	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemisia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	70,000	5,000	0.008	\$14.00	\$0.11	0.00	0
Southern Armyworms	168,000	10,000	0.016	\$8.00	\$0.13	0.00	0
Leaf Footed Bug	127,000	20,000	0.032	\$7.00	\$0.22	0.08	1,225
Cutworms	67,000	66,000	0.105	\$2.24	\$0.23	0.00	0
Percent Lost	7.20		Est. yield/acre	777			Cost/ Acre
						Foliar insecticide	\$20.70

Total Acres	630,000	Spray applications	3.055	At planting	\$11.43
				Bt use fees	\$15.81
		Cost + loss	\$66,736,900	Eradication	\$4.29
Total Bales lost	108,179			Scouting	\$4.26
Bales lost in dollars	\$31,155,600	Cost + loss/acre	\$105.93	Total	\$56.48