

Table 8c Alabama South 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	0.000	0
Bollworm/Budworm	280,000	140,000	0.500	\$9.00	\$4.50	2.000	12,250
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	5,000	0	0.000	N/A	\$0.00	0.000	0
Lygus	260,000	30,000	0.107	\$6.75	\$0.72	0.464	2,844
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	30,000	0	0.000	N/A	\$0.00	0.000	0
Thrips	280,000	10,000	0.036	\$5.50	\$0.20	0.000	0
Beet Armyworm	5,000	1,000	0.004	\$15.00	\$0.05	0.000	0
Fall Armyworm	50,000	5,000	0.018	\$15.00	\$0.27	0.000	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	280,000	252,000	2.250	\$7.00	\$15.75	5.000	30,625
Grasshoppers	5,000	0	0.000	N/A	\$0.00	0.000	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	280,000	5,000	0.018	\$10.00	\$0.18	0.000	0
Banded Winged Whitefly	4,000	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly (Bemisia)	0	0	0.000	N/A	\$0.00	0.000	0
Loopers	30,000	5,000	0.018	\$14.00	\$0.25	0.000	0
Southern Armyworms	168,000	10,000	0.036	\$8.00	\$0.29	0.000	0
Leaf Footed Bug	112,000	20,000	0.071	\$7.00	\$0.50	0.200	1,225
Cutworms	5,000	8,000	0.029	\$4.00	\$0.11	0.000	0
Percent Lost	7.66		Est. yield/acre	760			Cost/ Acre
						Foliar insecticide	\$22.82

Total Acres	280,000	Spray applications	3.086	At planting	\$10.68
				Bt use fees	\$20.00
		Cost + loss	\$30,884,300	Eradication	\$4.50
Total Bales lost	46,944			Scouting	\$4.02
Bales lost in dollars	\$13,519,800	Cost + loss/acre	\$110.30	Total	\$62.02