

Table 8a Alabama North 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	270,000	165,000	0.672	\$5.40	\$3.63	2.800	20,475
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	270,000	210,000	1.478	\$6.30	\$9.31	1.500	10,969
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	190,000	95,000	0.422	\$12.00	\$5.07	0.704	5,146
Thrips	270,000	140,000	0.622	\$4.00	\$2.49	1.500	10,969
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	170,000	0	0.000	N/A	\$0.00	0.315	2,302
European Cornborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	200,000	20,000	0.074	\$6.30	\$0.47	0.074	542
Grasshoppers	0	0	0.000	N/A	\$0.00	0.000	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	200,000	10,000	0.037	\$10.50	\$0.39	0.074	542
Banded Winged Whitefly	0	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	40,000	0	0.000	N/A	\$0.00	0.000	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.000	0
Other Insects	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	60,000	50,000	0.185	\$2.00	\$0.37	0.000	0
Percent Lost	6.97		Est. yield/acre	805			Cost/ Acre
						Foliar insecticide	\$21.72

Total Acres	270,000	Spray applications	3.491	At planting	\$12.41
				Bt use fees	\$10.56
		Cost + loss	\$29,110,350	Eradication	\$4.00
Total Bales lost	50,944			Scouting	\$4.79
Bales lost in dollars	\$14,671,800	Cost + loss/acre	\$107.82	Total	\$53.48