

Table 8a

**Alabama North
acres**

Cotton Insect Losses 2007

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	170,209	64,000	0.376	\$6.00	\$2.26	4.500	20,744
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	170,209	100,000	0.705	\$7.10	\$5.01	1.500	6,915
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	85,000	7,000	0.041	\$11.00	\$0.45	0.150	691
Thrips	170,209	130,000	0.955	\$5.75	\$5.49	3.000	13,829
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	15,000	0	0.000	N/A	\$0.00	0.000	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	110,000	0	0.000	N/A	\$0.00	0.065	298
Grasshoppers	4,000	1,000	0.006	\$6.80	\$0.04	0.000	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	179,209	60,000	0.353	\$10.50	\$3.70	0.105	485
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.000	0
Loopers	0	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	24,000	0.141	\$3.00	\$0.42	0.000	0

Percent Lost	9.32
Total Acres	170,209
Total Bales lost	42,962
Bales lost in dollars	\$12,373,155

Est. yield/acre	420
Spray applications	2.576
Cost + loss	\$21,628,114
Cost + loss/acre	\$127.07

	Cost/Acre
Foliar insecticide	\$17.37
At planting	\$12.34
Bt use fees	\$15.55
Eradication	\$3.75
Scouting	\$5.37
Total	\$54.37

