

Table 8a North Alabama Cotton Insect Losses 2003

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	231,000	60,000	0.286	\$7.80	\$2.23	3.500	21,897
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	231,000	160,000	1.177	\$5.80	\$6.83	1.300	8,133
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	180,000	85,000	0.405	\$9.80	\$3.97	1.714	10,725
Thrips	231,000	90,000	0.429	\$4.30	\$1.84	0.000	0
Beet Armyworm	35,000	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	210,000	0	0.000	N/A	\$0.00	0.455	2,844
European Cornborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	210,000	0	0.000	N/A	\$0.00	0.000	0
Grasshoppers	3,000	0	0.000	N/A	\$0.00	0.000	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	231,000	30,000	0.143	\$9.30	\$1.33	0.250	1,564
Banded Winged Whitefly	10,000	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	50,000	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	35,000	60,000	0.260	\$3.50	\$0.91	0.000	0

Percent Lost	7.22
Total Acres	231,000
Total Bales lost	45,163
Bales lost in dollars	\$13,006,890

Est. yield/acre	790
Spray applications	2,699
Cost + loss	\$25,380,190
Cost + loss/acre	\$109.87

	Cost/ Acre
Foliar insecticide	\$17.11
At planting	\$12.45
Bt use fees	\$14.34
Eradication	\$5.00
Scouting	\$4.68
Total	\$53.56