

Table 9a

Alabama North

Cotton Insect Losses 2011

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	151,000	0	0.0	0.00	\$1.40	0.00%	0
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	0	0	0.0	0.00	\$0.00	0.00%	0
Lygus	151,000	149,590	2.0	1.98	\$18.23	1.50%	7,078
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	100,000	3,020	1.0	0.02	\$0.16	1.75%	8,258
Thrips	151,000	3,020	1.0	0.02	\$0.11	0.25%	1,180
Beet Armyworm	0	0	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	7,500	0	0.0	0.00	\$0.00	0.00%	0
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	151,000	0	0.0	0.00	\$0.00	0.15%	708
Grasshoppers	4,530	906	1.0	0.01	\$0.04	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	151,000	5,000	1.0	0.03	\$0.35	0.20%	944
Banded Winged Whitefly	0	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0.0	0.00	\$0.00	0.00%	0
Loopers	0	0	0.0	0.00	\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	45,300	22,650	1.0	0.15	\$0.75	0.00%	0
Clouded Plant bugs	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
				2.21	\$21.03	3.85%	18,167

Economic Results

Yield & Management Results	
Total Acres	151,000
Total bales Harvested	259,531
yield (lbs/acre)	825
Total bales Lost to Insects	18,167
Percent Yield Loss	3.85%
Yield w/o Insects (lbs/ac)	858
Ave. # Spray Applications	2.210
Bales lost all factors	213,177
% yield loss all factors	48.9%

	Total	Per Acre
Foliar Insecticides Costs	\$3,175,963	\$21.03
At Planting Costs	\$1,019,250	\$6.75
In-furrow costs	\$181,200	\$1.20
Scouting costs	\$736,125	\$4.88
Eradication costs	\$377,500	\$2.50
Transgenic cotton	\$2,878,320	\$19.06
Total Costs	\$8,368,358	\$55.42
Yield Lost to insects	\$8,284,238	\$54.86
Total Losses + Costs	\$16,652,595	\$110.28

