

**Table 9a**

**Alabama North**

**Cotton Insect Losses 2009**

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	60,670	12,134	1.0	0.20	\$1.40	1.50%	1,901
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	3,034	0	0.0	0.00	\$0.00	0.00%	0
Lygus	60,670	51,570	1.8	1.53	\$14.08	2.50%	3,168
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	30,335	3,640	1.0	0.06	\$0.66	0.05%	63
Thrips	60,670	15,168	1.0	0.25	\$1.31	0.50%	634
Beet Armyworm	607	0	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	6,067	1,213	1.0	0.02	\$0.14	0.01%	13
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	60,670	3,034	1.0	0.05	\$0.36	0.50%	634
Grasshoppers	1,213	182	1.0	0.00	\$0.02	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	60,670	9,101	1.0	0.15	\$1.58	0.10%	127
Banded Winged Whitefly	0	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	607	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	9,101	6,067	1.0	0.10	\$0.65	0.02%	19
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
				2.36	\$20.19	5.18%	6557

Yield & Management Results	
Total Acres	60,670
Total bales Harvested	88,477
Yield (lbs/acre)	700
Total bales Lost to Insects	6,557
Percent Yield Loss	9.38%
Yield w/o Insects (lbs/acre)	738
Ave. # Spray Applications	5.307
Yield loss to all factors	86,887
% Yield loss to all factors	49.5%

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$1,225,049	\$20.19
At Planting Costs	\$686,390	\$11.31
Scouting costs	\$354,920	\$5.85
Eradication costs	\$151,675	\$2.50
Transgenic cotton	\$981,824	\$16.18
Total Costs	\$3,399,857	\$56.04
Yield Lost to insects	\$1,982,951	\$32.68
Total Losses + Costs	\$5,382,808	\$88.72