

**Table 9b**

**Alabama South**

**Cotton Insect Losses 2009**

<b>Pest</b>	<b>acres infested</b>	<b>acres treated</b>	<b>#apps/ acre trtd</b>	<b>#apps/ tot acres</b>	<b>cost/ acre</b>	<b>%red</b>	<b>Bales lost</b>
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	190,379	190,379	1.5	1.50	\$7.13	2.00%	8,171
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	19,038	0	0.0	0.00	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	3,808	3,808	2.0	0.04	\$0.60	0.00%	0
Thrips	190,379	190,379	1.1	1.10	\$4.40	0.00%	0
Beet Armyworm	3,808	1,904	1.0	0.01	\$0.15	0.00%	0
Fall Armyworm	152,303	133,265	1.5	1.05	\$15.75	0.96%	3,922
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	190,379	180,860	2.5	2.38	\$11.88	3.50%	14,299
Grasshoppers	19,038	9,519	1.0	0.05	\$0.25	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	57,114	9,519	1.0	0.05	\$0.35	0.00%	0
Banded Winged Whitefly	1,904	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	1,904	0	0.0	0.00	\$0.00	0.00%	0
Loopers	19,038	9,519	1.0	0.05	\$0.60	0.00%	0
Southern Armyworms	38,076	19,038	1.0	0.10	\$0.60	0.00%	0
Cutworms	0	0	0.0	0.00	\$0.00	0.00%	0
Clouded Plant bugs	9,519	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
				6.33	\$41.70	6.46%	26393

<b>Yield &amp; Management Results</b>	
Total Acres	190,379
Total bales Harvested	198,311
Yield (lbs/acre)	500
Total bales Lost to Insects	26,393
Percent Yield Loss	6.46%
Yield w/o Insects (lbs/acre)	535
Ave. # Spray Applications	6.325
Yield loss to all factors	210,241
% Yield loss to all factors	51.5%

<b>Economic Results</b>		
	<b>Total</b>	<b>Per Acre</b>
Foliar Insecticides - costs	\$7,938,804	\$41.70
At Planting Costs	\$2,407,247	\$12.64
Scouting costs	\$742,478	\$3.90
Eradication costs	\$666,327	\$3.50
Transgenic cotton	\$4,114,090	\$21.61
Total Costs	\$15,868,946	\$83.35
Yield Lost to insects	\$8,234,460	\$43.25
Total Losses + Costs	\$24,103,407	\$126.61