

**Table 9a**

**Alabama North**

**Cotton Insect Losses – 2013**

<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	0	0	0.0	0.00	\$0.00	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	97,222	97,222	1.3	1.25	\$7.50	1.00%	2,352
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	97,222	4,861	1.0	0.05	\$0.35	0.00%	0
Thrips	97,222	24,306	1.0	0.25	\$1.50	1.00%	2,352
Beet Armyworm	0	0	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	0	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	97,222	2,917	1.0	0.03	\$0.18	0.50%	1,176
Grasshoppers	72,917	972	1.0	0.01	\$0.06	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	97,222	1,944	1.0	0.02	\$0.16	0.00%	0
Banded Winged Whitefly	0	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	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	9,722	1,944	1.0	0.02	\$0.05	0.00%	0
Clouded Plant bugs	9,722	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
				1.63	\$9.80	2.50%	5,880

<b>Yield &amp; Management Results</b>	
Total Acres	97,222
Total bales Harvested	182,291
yield (lbs/acre)	900
Total bales Lost to Insects	5,880
Percent Yield Loss	2.50%
Yield w/o Insects (lbs/ac)	923
Ave. # Spray Applications	1.63
Bales lost all factors	52,923
% yield loss all factors	22.50%

<b>Economic Results</b>	<b>Total</b>	<b>Per Acre</b>
Foliar Insecticides Costs	\$952,776	\$9.80
At Planting Costs	\$866,248	\$8.91
In-furrow costs	\$11,667	\$0.12
Scouting costs	\$631,943	\$6.50
Eradication costs	\$243,055	\$2.50
Transgenic cotton	\$2,674,616	\$27.51
Total Costs	\$5,380,305	\$55.34
Yield Lost to insects	\$2,145,156	\$22.06
Total Losses + Costs	\$7,525,461	\$77.40