

Table 9A

North Alabama

Cotton Insect losses 2012

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	0	1,269	1.0	0.01	\$0.03	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	126,878	101,502	1.0	0.80	\$4.00	1.00%	3,094
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	57,095	6,344	1.0	0.05	\$0.40	0.05%	139
Thrips	126,878	126,878	1.0	1.00	\$7.50	2.00%	6,187
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	126,878	3,806	1.0	0.03	\$0.15	0.05%	155
Grasshoppers	6,344	0	0.0	0.00	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	63,439	0	0.0	0.00	\$0.00	0.00%	8
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	63,566	127	1.0	0.00	\$0.50	0.00%	8
Clouded Plant bugs	31,720	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
				1.89	\$12.58	3.10%	9,590

Yield & Management Results

Total Acres	126,878
Total bales Harvested	237,896
yield (lbs/acre)	900
Total bales Lost to Insects	9,590
Percent Yield Loss	3.10%
Yield w/o Insects (lbs/ac)	929
Ave. # Spray Applications	1.89
Bales lost all factors	71,462
% yield loss all factors	23.10%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$1,596,125	\$12.58
At Planting Costs	\$1,130,483	\$8.91
In-furrow costs	\$15,225	\$0.12
Scouting costs	\$824,707	\$6.50
Eradication costs	\$317,195	\$2.50
Transgenic cotton	\$3,455,560	\$27.24
Total Costs	\$7,339,296	\$57.85
Yield Lost to insects	\$3,452,440	\$27.21
Total Losses + Costs	\$10,791,736	\$85.06