

Table 9

Alabama Summary

Cotton Insect Losses 2010

Pest	#apps/ acre			#apps/ tot acres	cost/ acre	%red	Bales lost
	acres infested	acres treated	trtd				
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	261,267	26,822	1.0	0.10	\$0.82	0.50%	3,278
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	13,063	0	0.0	0.00	\$0.00	0.00%	0
Lygus	261,267	89,267	1.3	0.44	\$4.09	0.57%	4,723
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	67,660	5,000	1.0	0.02	\$0.21	0.05%	5,510
Thrips	261,267	32,917	1.0	0.13	\$0.68	0.19%	1,574
Beet Armyworm	993	0	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	19,853	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	261,267	163,827	1.9	1.22	\$6.82	2.36%	13,500
Grasshoppers	148,778	16,796	1.0	0.06	\$0.51	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	180,267	5,000	1.0	0.02	\$0.20	0.08%	630
Banded Winged Whitefly	8,100	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	1,620	0	0.0	0.00	\$0.00	0.00%	0
Loopers	12,960	4,860	1.0	0.02	\$0.19	0.00%	0
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	14,890	5,000	1.0	0.02	\$0.10	0.00%	0
Clouded Plant bugs	8,100	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 1	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 2	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 3	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 4	0	0	0.0	0.00	\$0.00	0.00%	0
				2.03	\$13.62	3.74%	29,215

Yield & Management Results

Total Acres	261,267
Total bales Harvested	328,156
yield (lbs/acre)	603
Total bales Lost to Insects	29,215
Percent Yield Loss	3.74%
Yield w/o Insects (lbs/ac)	626
Ave. # Spray Applications	2.03
Bales lost all factors	322,157
% yield loss all factors	48.92%

Economic results

	Total	Per Acre
Foliar Insecticides Costs	\$3,557,151	\$13.62
At Planting Costs	\$2,209,052	\$8.46
In-furrow costs		\$1,254,082
Scouting costs	\$1,423,112	\$5.45
Eradication costs	\$815,168	\$3.12
Transgenic cotton	\$5,182,651	\$19.84
Total Costs	\$14,441,215	\$55.27
Yield Lost to insects	\$10,517,283	\$40.25
Total Losses + Costs	\$24,958,498	\$95.53

\$4.80 |