

Table 9

Alabama Summary

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	251,049	202,513	1.5	1.19	\$5.79	1.88%	10,039
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	79,708	51,570	1.8	0.37	\$3.40	0.60%	3,228
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	34,143	7,448	1.5	0.04	\$0.58	0.01%	65
Thrips	251,049	205,547	1.0	0.83	\$3.41	0.12%	646
Beet Armyworm	4,414	1,904	1.0	0.01	\$0.11	0.00%	0
Fall Armyworm	158,370	134,479	1.5	0.80	\$11.96	0.73%	3,902
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	251,049	183,894	2.5	1.81	\$9.13	2.78%	14,825
Grasshoppers	20,251	9,701	1.0	0.04	\$0.19	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	117,784	18,619	1.0	0.07	\$0.65	0.02%	129
Banded Winged Whitefly	1,904	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	2,510	0	0.0	0.00	\$0.00	0.00%	0
Loopers	19,038	9,519	1.0	0.04	\$0.46	0.00%	0
Southern Armyworms	38,076	19,038	1.0	0.08	\$0.46	0.00%	0
Cutworms	9,101	6,067	1.0	0.02	\$0.16	0.00%	19
Clouded Plant bugs	9,519	0	0.0	0.00	\$0.00	0.00%	0
Other	0	0	0.0	0.00	\$0.00	0.00%	0
				5.31	\$36.30	0.061	32851

Yield & Management Results	
Total Acres	251,049
Total bales Harvested	286,789
Yield (lbs/acre)	548
Total bales Lost to Insects	32,851
Percent Yield Loss	6.15%
Yield w/o Insects (lbs/acre)	584
Ave. # Spray Applications	5.3
Yield loss to all factors	247,429
% Yield loss to all factors	46.3%

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$9,114,038	\$36.30
At Planting Costs	\$3,094,351	\$12.33
Scouting costs	\$355,034	\$1.41
Eradication costs	\$151,675	\$0.60
Transgenic cotton	\$5,097,955	\$20.31
Total Costs	\$17,813,053	\$70.95
Yield Lost to insects	\$10,173,448	\$40.52
Total Losses + Costs	\$27,986,500	\$111.48