

Table 9

Alabama Summary

Cotton Insect Losses 2014

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	93,700	52,600	1	0.15	\$0.69	0.022%	181
Beet Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Loopers	0	516	0	0.00	\$0.00	0.000%	0
Cutworms	30,258	503	1	0.00	\$0.00	0.001%	7
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant bug	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	25,000	2,580	0	0.00	\$0.00	0.000%	0
Lygus	315,700	199,000	2	0.99	\$5.46	0.522%	4,387
Stink Bugs	289,900	91,800	1	0.35	\$1.91	0.303%	2,563
Clouded Plant bugs	103,200	13,318	1	0.04	\$0.21	0.000%	3
Other bugs	0	0	0	0.00	\$0.00	0.000%	0
Bagrada Bug	0	0	0	0.00	\$0.00	0.000%	0
Leaf-footed Bugs	12,900	0	0	0.00	\$0.00	0.000%	0
Spider Mites	297,200	83,900	1	0.25	\$1.72	0.349%	2,976
Thrips	341,500	178,350	1	0.58	\$2.60	1.104%	9,376
Aphids	127,500	16,240	1	0.05	\$0.19	0.007%	60
Grasshoppers	25,800	129,000	1	0.38	\$1.51	0.000%	0
Banded Winged Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly (Bemisia)	0	0	0	0.00	\$0.00	0.000%	0
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetle	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevil	0	0	0	0.00	\$0.00	0.000%	0
				2.78	\$14.30	2.309%	19,554

Yield & Management Results

Total Acres	341,500
Total bales Harvested	597,313
yield (lbs/acre)	840
Total bales Lost to Insects	19,554
Percent Yield Loss	2.31%
Yield w/o Insects (lbs/ac)	859
Ave. # Spray Applications	2.78
Bales lost all factors	247,058
% yield loss all factors	29.26%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$4,884,725	\$14.30
At Planting Costs	\$4,336,300	\$12.70
In-furrow costs	\$247,680	\$0.73
Scouting costs	\$2,467,338	\$7.23
Eradication costs	\$944,750	\$2.77
Transgenic cotton	\$5,952,093	\$17.43
Total Costs	\$18,832,885	\$55.15
Yield Lost to insects	\$6,807,943	\$19.94
Total Losses + Costs	\$25,640,828	\$75.08