

Table7

Summary Alabama

Cotton Insect Losses 2008

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.00	0.000	\$0.00	0.000%	0
Bollworm/Budworm	289,267	132,622	1.57	0.721	\$5.84	3.785%	36,443
Pink Bollworm	0	0	0.00	0.000	\$0.00	0.000%	0
Cotton Fleahopper	17,213	0	0.00	0.000	\$0.00	0.000%	0
Lygus	289,267	84,564	1.66	0.485	\$4.36	1.030%	10,047
Cotton Leaf Perforator	0	0	0.00	0.000	\$0.00	0.000%	0
Spider Mites	69,060	7,941	1.00	0.027	\$0.30	0.041%	402
Thrips	289,267	34,317	1.00	0.119	\$0.65	0.181%	1,760
Beet Armyworm	993	0	0.00	0.000	\$0.00	0.000%	0
Fall Armyworm	19,853	0	0.00	0.000	\$0.00	0.000%	0
European Cornborer	0	0	0.00	0.000	\$0.00	0.000%	0
Stink Bugs	289,267	175,427	2.16	1.313	\$7.84	2.980%	29,073
Grasshoppers	179,478	25,096	1.00	0.087	\$0.39	0.000%	0
Saltmarsh Caterpillars	0	0	0.00	0.000	\$0.00	0.000%	0
Aphids	289,267	49,207	1.16	0.198	\$1.99	0.069%	670
Banded Winged Whitefly	9,500	0	0.00	0.000	\$0.00	0.000%	0
Silverleaf Whitefly (Bemesia)	1,350	0	0.00	0.000	\$0.00	0.000%	0
Loopers	13,500	0	0.00	0.000	\$0.00	0.000%	0
Southern Armyworms	0	0	0.00	0.000	\$0.00	0.000%	0
Cutworms	15,440	99,267	1.00	0.343	\$0.00	0.000%	0
Clouded Plant bugs	12,250	0	0.00	0.000	\$0.00	0.000%	0
Other Insects	0	0	0.00	0.000	\$0.00	0.000%	0

Yield & Management Results

Total Acres	289,267
Total bales Harvested	443,469
Yield (lbs/acre)	736
Total bales Lost to Insects	78,394
Percent Yield Loss	8.09%
Yield w/o Insects (lbs/acre)	801
Ave. # Spray Applications	3.291
Yield loss to all factors	524,929
% Yield loss to all factors	54%

Economic Results

	Total	Per Acre
Foliar Insecticides - costs	\$6,184,447	\$21.38
At Planting Costs	\$2,491,552	\$8.61
Scouting costs	\$1,390,512	\$4.81
Eradication costs	\$913,168	\$3.16
Transgenic cotton	\$5,345,071	\$18.48
Total Costs	\$16,324,749	\$56.43
Yield Lost to insects	\$24,459,081	\$84.56
Total Losses + Costs	\$40,783,830	\$140.99