

**Table 14**

**Louisiana Summary**

**Cotton Insect Losses 2008**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	15,650	0	0.00	0.000	\$0.00	0.000%	0
Bollworm/Budworm	286,708	166,203	1.10	0.584	\$5.39	1.035%	6,075
Pink Bollworm	0	0	0.00	0.000	\$0.00	0.000%	0
Cotton Fleahopper	34,743	0	0.00	0.000	\$0.00	0.000%	0
Lygus	313,000	308,618	2.70	2.662	\$28.14	3.560%	20,893
Cotton Leaf Perforator	0	0	0.00	0.000	\$0.00	0.000%	0
Spider Mites	76,998	67,608	0.60	0.130	\$2.33	0.271%	1,588
Thrips	310,183	28,170	1.00	0.090	\$0.84	0.842%	4,944
Beet Armyworm	17,528	3,005	0.00	0.000	\$0.00	0.000%	0
Fall Armyworm	24,727	15,963	0.41	0.021	\$0.29	0.040%	232
European Cornborer	0	0	0.00	0.000	\$0.00	0.000%	0
Stink Bugs	98,282	30,361	0.40	0.039	\$0.38	0.079%	461
Grasshoppers	31	0	0.00	0.000	\$0.00	0.000%	0
Saltmarsh Caterpillars	939	0	0.00	0.000	\$0.00	0.000%	0
Aphids	299,541	213,779	1.00	0.683	\$7.04	0.727%	4,268
Banded Winged Whitefly	626	0	0.00	0.000	\$0.00	0.000%	0
Silverleaf Whitefly (Bemesia)	0	0	0.00	0.000	\$0.00	0.000%	0
Loopers	107,046	0	0.30	0.000	\$0.00	0.000%	0
Southern Armyworms	0	0	0.00	0.000	\$0.00	0.000%	0
Cutworms	0	74,494	0.00	0.000	\$0.00	0.000%	0
Clouded Plant bugs	47,263	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	313,000
Total bales Harvested	279,744
Yield (lbs/acre)	429
Total bales Lost to Insects	38,460
Percent Yield Loss	6.55%
Yield w/o Insects (lbs/acre)	459
Ave. # Spray Applications	4.209
Yield loss to all factors	450,427
% Yield loss to all factors	76.8%

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$13,897,101	\$44.40
At Planting Costs	\$3,130,501	\$10.00
Scouting costs	\$2,923,417	\$9.34
Eradication costs	\$1,878,000	\$6.00
Transgenic cotton	\$8,378,888	\$26.77
Total Costs	\$30,207,907	\$96.51
Yield Lost to insects	\$11,999,512	\$38.34
Total Losses + Costs	\$42,207,419	\$134.85