

Table 16

Louisiana

Cotton Insect losses 2012

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	220,000	66,000	1	0.300	\$3.60	0.50%	4,597
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	66,000	33,000	1	0.150	\$0.30	0.00%	0
Lygus	220,000	220,000	4	3.500	\$38.50	3.00%	27,582
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	220,000	121,000	2	1.100	\$7.70	3.00%	27,582
Thrips	220,000	110,000	1	0.600	\$4.20	2.00%	18,388
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	11,000	0	0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	176,000	11,000	1	0.050	\$0.15	0.00%	0
Grasshoppers	0	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	198,000	154,000	1	0.700	\$7.00	0.45%	4,137
Banded Winged Whitefly	22,000	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0	0.000	\$0.00	0.00%	0
Loopers	0	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
				6.400	\$61.45	8.95%	82,288

Yield & Management Results

Total Acres	220,000
Total bales Harvested	460,167
yield (lbs/acre)	1,004
Total bales Lost to Insects	82,288
Percent Yield Loss	8.95%
Yield w/o Insects (lbs/ac)	1,103
Ave. # Spray Applications	6.40
Bales lost all factors	459,247
% yield loss all factors	50.0%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$13,519,000	\$61.45
At Planting Costs	\$2,860,000	\$13.00
In-furrow costs	\$0	\$0.00
Scouting costs	\$1,320,000	\$6.00
Eradication costs	\$1,320,000	\$6.00
Transgenic cotton	\$5,867,400	\$26.67
Total Costs	\$24,886,400	\$113.12
Yield Lost to insects	\$27,648,615	\$125.68
Total Losses + Costs	\$52,535,015	\$238.80