

**Table 16**

**Louisiana**

**Cotton Insect Losses - 2013**

<b>Pest</b>	<b>acres infested</b>	<b>acres treated</b>	<b>#apps/ acre trtd</b>	<b>#apps/ tot acres</b>	<b>cost/ acre</b>	<b>%red</b>	<b>Bales lost</b>
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	128,000	76,800	1	0.600	\$3.00	0.00%	0
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	6,400	1,280	1	0.010	\$0.06	0.00%	0
Lygus	128,000	128,000	3	3.000	\$27.00	3.00%	15,985
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	128,000	96,000	2	1.125	\$14.63	2.00%	10,656
Thrips	128,000	85,760	1	0.670	\$4.69	0.00%	0
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	10,240	0	0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	85,760	12,800	1	0.100	\$0.30	0.34%	1,785
Grasshoppers	0	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	64,000	6,400	1	0.050	\$0.50	0.00%	0
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	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
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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
				5.555	\$50.18	5.34%	28,426

<b>Yield &amp; Management Results</b>	
Total Acres	128,000
Total bales Harvested	360,000
yield (lbs/acre)	1,350
Total bales Lost to Insects	28,426
Percent Yield Loss	5.34%
Yield w/o Insects (lbs/ac)	1,426
Ave. # Spray Applications	5.56
Bales lost all factors	172,820
% yield loss all factors	32.4%

<b>Economic Results</b>	<b>Total</b>	<b>Per Acre</b>
Foliar Insecticides Costs	\$6,422,400	\$50.18
At Planting Costs	\$1,920,000	\$15.00
In-furrow costs	\$0	\$0.00
Scouting costs	\$768,000	\$6.00
Eradication costs	\$768,000	\$6.00
Transgenic cotton	\$3,572,506	\$27.91
Total Costs	\$13,450,906	\$105.09
Yield Lost to insects	\$10,915,569	\$85.28
Total Losses + Costs	\$24,366,474	\$190.36