

Table 16

## Louisiana Summary

Cotton Insect Losses 2010

<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	50	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	245,514	229,329	2.9	2.67	\$24.84	1.28%	9,749
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	30,129	0	0.0	0.00	\$0.00	0.00%	0
Lygus	249,000	243,024	3.1	3.03	\$33.13	4.10%	31,183
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	91,134	51,294	0.9	0.19	\$1.90	0.33%	2,505
Thrips	246,759	124,500	1.0	0.50	\$2.17	0.50%	3,769
Beet Armyworm	6,474	1,245	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	62,001	42,579	0.5	0.09	\$0.91	0.12%	947
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	68,226	26,643	0.5	0.05	\$0.41	0.03%	208
Grasshoppers	25	0	0.0	0.00	\$0.00	0.00%	0
Saltmarsh Caterpillars	498	0	0.0	0.00	\$0.00	0.00%	0
Aphids	181,023	97,857	0.5	0.20	\$1.69	0.25%	1,935
Banded Winged Whitefly	249	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	0	0	0.0	0.00	\$0.00	0.00%	0
Loopers	72,708	0	0.3	0.00	\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	37,350	37,350	0.5	0.08	\$0.00	0.00%	0
Clouded Plant bugs	20,169	623	0.0	0.00	\$0.00	0.00%	0
Other Insects 1	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 2	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 3	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 4	0	0	0.0	0.00	\$0.00	0.00%	0
				6.79	\$65.05	6.61%	50296

**Yield & Management Results**

Total Acres	249000
Total bales Harvested	478288
yield (lbs/acre)	922
Total bales Lost to Insects	50296
Percent Yield Loss	6.61%
Yield w/o Insects (lbs/ac)	987
Ave. # Spray Applications	6.792
Bales lost all factors	282264
% yield loss all factors	37.11%

**Economic Results**

	Total	Per Acre
Foliar Insecticides Costs	\$16,198,438	\$65.05
At Planting Costs	\$2,958,518	\$11.88
In-furrow costs	\$522,900	\$2.10
Scouting costs	\$2,216,536	\$8.90
Eradication costs	\$1,245,000	\$5.00
Transgenic cotton	\$6,922,720	\$27.80
Total Costs	\$30,064,113	\$120.74
Yield Lost to insects	\$17,382,172	\$69.81
Total Losses + Costs	\$47,446,284	\$190.55