

Table 16

Louisiana Summary

Cotton Insect Losses 2011

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	283,860	251,085	2	1.322	\$9.58	1.22%	9,416
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	74,100	35,625	1	0.125	\$0.69	0.00%	0
Lygus	285,000	266,760	4	3.463	\$35.50	4.76%	36,886
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	206,910	124,260	2	0.872	\$8.94	0.54%	4,219
Thrips	282,435	242,250	1	0.850	\$3.69	0.50%	3,840
Beet Armyworm	4,560	713	0	0.000	\$0.00	0.00%	0
Fall Armyworm	62,415	31,635	0	0.033	\$0.33	0.02%	170
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	65,550	43,035	0	0.060	\$0.40	0.01%	89
Grasshoppers	143	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	428	0	0	0.000	\$0.00	0.00%	0
Aphids	207,195	112,005	1	0.197	\$1.69	0.07%	563
Banded Winged Whitefly	10,260	570	1	0.001	\$0.01	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0	0.000	\$0.00	0.00%	0
Loopers	51,870	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	22,800	28,500	1	0.050	\$0.18	0.00%	0
Clouded Plant bugs	9,405	285	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
				6.973	\$60.99	7.12%	55,183

Yield & Management Results

Total Acres	285,000
Total bales Harvested	541,500
yield (lbs/acre)	912
Total bales Lost to Insects	55,183
Percent Yield Loss	7.12%
Yield w/o Insects (lbs/ac)	982
Ave. # Spray Applications	6.97
Bales lost all factors	233,413
% yield loss all factors	30.1%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$17,381,910	\$60.99
At Planting Costs	\$4,368,252	\$15.33
In-furrow costs	\$299,250	\$1.05
Scouting costs	\$2,536,999	\$8.90
Eradication costs	\$1,425,000	\$5.00
Transgenic cotton	\$8,345,964	\$29.28
Total Costs	\$34,357,374	\$120.55
Yield Lost to insects	\$24,368,939	\$85.51
Total Losses + Costs	\$58,726,313	\$206.06

