

Table 16

Louisiana Summary

Cotton Insect Losses 2009

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	22,800	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	228,000	188,807	2.1	1.74	\$9.56	1.06%	6,558
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	2	0	0.0	0.00	\$0.00	0.00%	0
Lygus	216,600	182,400	3.8	3.00	\$29.25	2.14%	13,286
Cotton Leaf Perforator	2	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	91,200	57,000	0.0	0.00	\$0.00	0.10%	622
Thrips	223,440	159,600	1.0	0.70	\$1.93	0.49%	3,046
Beet Armyworm	11,400	2,280	1.0	0.01	\$0.08	0.00%	0
Fall Armyworm	45,600	22,800	0.0	0.00	\$0.00	0.02%	124
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	136,800	57,000	1.0	0.25	\$1.38	0.06%	373
Grasshoppers	342	0	0.0	0.00	\$0.00	0.00%	0
Saltmarsh Caterpillars	228	0	0.0	0.00	\$0.00	0.00%	0
Aphids	159,600	86,640	1.0	0.38	\$2.76	0.32%	1,958
Banded Winged Whitefly	45,600	1,140	1.0	0.01	\$0.04	0.04%	249
Silverleaf Whitefly (Bemesia)	0	0	0.0	0.00	\$0.00	0.00%	0
Loopers	45,600	22,800	1.0	0.10	\$0.80	0.00%	12
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	68,400	91,200	1.0	0.40	\$1.30	0.00%	19
Clouded Plant bugs	22,800	0	0.0	0.00	\$0.00	0.00%	6
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
				7	\$47.08	0.042	26252

Yield & Management Results

Total Acres	228,000
Total bales Harvested	377,150
Yield (lbs/acre)	794
Total bales Lost to Insects	26,252
Percent Yield Loss	4.22%
Yield w/o Insects (lbs/acre)	829
Ave. # Spray Applications	6.584
Yield loss to all factors	244,425
% Yield loss to all factors	39.3%

Economic Results

	Total	Per Acre
Foliar Insecticides - costs	\$10,735,288	\$47.08
At Planting Costs	\$2,422,500	\$10.63
Scouting costs	\$1,898,100	\$8.33
Eradication costs	\$1,162,800	\$5.10
Transgenic cotton	\$6,219,440	\$27.28
Total Costs	\$22,438,128	\$98.41
Yield Lost to insects	\$8,190,694	\$35.92
Total Losses + Costs	\$30,628,822	\$134.34