

Table 16

Louisiana Summary

Cotton Insect Losses 2016

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	136,000	74,800	2	1.10	\$15.40	3.000%	16,408
Beet Armyworm	0	14	0	0.00	\$0.00	0.000%	0
Fall Armyworm	13,600	0	0	0.00	\$0.00	0.000%	0
Loopers	0	0	0	0.00	\$0.00	0.000%	0
Cutworms	1,360	136	0	0.00	\$0.00	0.000%	0
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	13,600	13,600	0	0.00	\$0.00	0.000%	0
Lygus	136,000	136,000	4	4.00	\$44.00	3.000%	16,408
Stink Bugs	102,000	6,800	1	0.05	\$0.35	0.000%	0
Clouded Plant bugs	0	0	0	0.00	\$0.00	0.000%	0
Brown Stink bug	102,000	0	0	0.00	\$0.00	0.000%	0
Bagrada Bugs	0	0	0	0.00	\$0.00	0.000%	0
Leaf footed bugs	0	0	0	0.00	\$0.00	0.000%	0
Spider Mites	102,000	34,000	1	0.25	\$3.25	0.375%	2,051
Thrips	136,000	34,000	1	0.25	\$1.75	0.000%	0
Aphids	122,400	6,800	1	0.05	\$0.30	0.000%	0
Grasshoppers	0	0	0	0.00	\$0.00	0.000%	0
Banded Winged Whitefly	0	0	1	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetles	0	0	0	0.00	\$0.00	0.000%	0
Mealybugs	0	0	0	0.00	\$0.00	0.000%	0
Crickets	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevils	0	0	0	0.00	\$0.00	0.000%	0
				5.70	\$65.05	6.375%	34,866

Yield & Management Results	
Total Acres	136,000
Total bales Harvested	255,000
yield (lbs/acre)	900
Total bales Lost to Insects	34,866
Percent Yield Loss	6.38%
Yield w/o Insects (lbs/ac)	961
Ave. # Spray Applications	5.70
Bales lost all factors	291,917
% yield loss all factors	53.38%

Economic Results		Total	Per Acre
Foliar Insecticides Costs		\$8,846,800	\$65.05
At Planting Costs		\$2,040,000	\$15.00
In-furrow costs		\$24,480	\$0.18
Scouting costs		\$952,000	\$7.00
Eradication costs		\$816,000	\$6.00
Transgenic cotton		\$2,700,960	\$19.86
Total Costs		\$15,380,240	\$113.09
Yield Lost to insects		\$10,543,464	\$77.53
Total Losses + Costs		\$25,923,704	\$190.62