

Table 16

Louisiana Summary

Cotton Insect Losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	140,000	56,000	2	0.80	\$11.20	2.500%	24,387
Beet Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	77,000	0	0	0.00	\$0.00	0.000%	0
Loopers	0	0	0	0.00	\$0.00	0.000%	0
Cutworms	0	0	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	14,000	14,000	0	0.00	\$0.00	0.000%	0
Lygus	140,000	140,000	4	4.00	\$44.00	5.000%	48,774
Stink Bugs	105,000	7,000	1	0.05	\$0.35	0.000%	0
Clouded Plant bugs	0	0	0	0.00	\$0.00	0.000%	0
Brown Stink bug	0	0	1	0.00	\$0.00	0.000%	0
Bagrada Bugs	0	0	1	0.00	\$0.00	0.000%	0
Leaf footed bugs	0	0	1	0.00	\$0.00	0.000%	0
Spider Mites	112,000	84,000	1	0.72	\$9.36	1.600%	15,608
Thrips	140,000	28,000	1	0.20	\$1.40	0.000%	0
Aphids	140,000	7,000	1	0.05	\$0.30	0.000%	0
Grasshoppers	0	0	0	0.00	\$0.00	0.000%	0
Banded Winged Whitefly	0	0	0	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
				5.82	\$66.61	9.100%	88,768

Yield & Management Results	
Total Acres	140,000
Total bales Harvested	291,667
yield (lbs/acre)	1,000
Total bales Lost to Insects	88,768
Percent Yield Loss	9.10%
Yield w/o Insects (lbs/ac)	1,100
Ave. # Spray Applications	5.82
Bales lost all factors	683,807
% yield loss all factors	70.10%

Economic Results		Total	Per Acre
Foliar Insecticides Costs		\$9,325,400	\$66.61
At Planting Costs		\$2,100,000	\$15.00
In-furrow costs		\$9,000	\$0.06
Scouting costs		\$840,000	\$6.00
Eradication costs		\$840,000	\$6.00
Transgenic cotton		\$2,779,700	\$19.86
Total Costs		\$15,894,100	\$113.53
Yield Lost to insects		\$25,565,217	\$182.61
Total Losses + Costs		\$41,459,317	\$296.14