

Table 21

Oklahoma Summary

Cotton Insect Losses 2016

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	5,986	500	1.00	0.00	\$0.02	0.027%	152
Beet Armyworm	0	0	1.00	0.00	\$0.00	0.000%	0
Fall Armyworm	0	0	1.00	0.00	\$0.00	0.000%	0
Loopers	0	0	1.00	0.00	\$0.00	0.000%	0
Cutworms	0	0	1.00	0.00	\$0.00	0.000%	0
Cotton Leafperforator	0	0	0.00	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0.00	0.00	\$0.00	0.000%	0
Verde Plant Bugs	0	0	1.00	0.00	\$0.00	0.000%	0
Cotton Fleahopper	239,442	194,546	1.50	0.98	\$6.83	1.440%	8,189
Lygus	0	0	2.00	0.00	\$0.00	0.000%	0
Stink Bugs	29,930	14,965	1.00	0.05	\$0.45	0.100%	569
Clouded Plant bugs	0	0	1.00	0.00	\$0.00	0.000%	0
Brown Stink bug	0	0	0.00	0.00	\$0.00	0.000%	0
Bagrada Bugs	0	0	0.00	0.00	\$0.00	0.000%	0
Leaf footed bugs	0	0	0.00	0.00	\$0.00	0.000%	0
Spider Mites	2,993	1,497	1.00	0.01	\$0.06	0.000%	0
Thrips	44,895	74,826	1.00	0.25	\$0.60	0.150%	853
Aphids	14,965	1,497	1.00	0.01	\$0.05	0.000%	0
Grasshoppers	44,895	0	0.00	0.00	\$0.00	0.000%	0
Banded Winged Whitefly	0	0	1.00	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	0	0	0.00	0.00	\$0.00	0.000%	0
Darkling Beetle	0	0	0.00	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetles	0	0	0.00	0.00	\$0.00	0.000%	0
Mealybugs	0	0	0.00	0.00	\$0.00	0.000%	0
Crickets	0	0	0.00	0.00	\$0.00	0.000%	0
Boll Weevils	0	0	0.00	0.00	\$0.00	0.000%	0
				1.29	\$8.01	1.717%	9,762

Yield & Management Results	
Total Acres	299,302
Total bales Harvested	568,674
yield (lbs/acre)	912
Total bales Lost to Insects	9,762
Percent Yield Loss	1.72%
Yield w/o Insects (lbs/ac)	928
Ave. # Spray Applications	1.29
Bales lost all factors	58,099
% yield loss all factors	10.22%

Economic Results		Total	Per Acre
Foliar Insecticides Costs		\$2,396,926	\$8.01
At Planting Costs		\$946,393	\$3.16
In-furrow costs		\$0	\$0.00
Scouting costs		\$419,023	\$1.40
Eradication costs		\$1,346,859	\$4.50
Transgenic cotton		\$1,888,583	\$6.31
Total Costs		\$6,997,784	\$23.38
Yield Lost to insects		\$2,858,371	\$9.55
Total Losses + Costs		\$9,856,155	\$32.93