

Table 15

Kansas Summary

Cotton Insect losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	10,500	750	1	0.05	\$0.30	0.007%	2
Beet Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	150	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	4,500	1,500	0	0.00	\$0.00	0.000%	0
Lygus	2,850	1,500	0	0.00	\$0.00	0.190%	62
Stink Bugs	2,250	1,500	0	0.00	\$0.00	0.150%	49
Clouded Plant bugs	0	0	1	0.00	\$0.00	0.000%	0
Brown Stink bug	0	0	1	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	4,998	998	0	0.00	\$0.00	0.000%	0
Thrips	5,000	1,000	0	0.00	\$0.00	0.000%	0
Aphids	0	0	0	0.00	\$0.00	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
				0.05	\$0.30	0.347%	113

Yield & Management Results	
Total Acres	15,000
Total bales Harvested	24,000
yield (lbs/acre)	768
Total bales Lost to Insects	113
Percent Yield Loss	0.35%
Yield w/o Insects (lbs/ac)	771
Ave. # Spray Applications	0.05
Bales lost all factors	8,585
% yield loss all factors	26.35%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$4,500	\$0.30
At Planting Costs	\$195,000	\$13.00
In-furrow costs	\$2,700	\$0.18
Scouting costs	\$89,250	\$5.95
Eradication costs	\$7,500	\$0.50
Transgenic cotton	\$290,769	\$19.38
Total Costs	\$589,719	\$39.31
Yield Lost to insects	\$31,479	\$2.10
Total Losses + Costs	\$621,198	\$41.41