

Table 15

Kansas Summary

Cotton Insect losses 2014

Pest	acres infested	acres treated	#apps/ acre		cost/ acre	%red	Bales lost
			trtd	acres			
Bollworm/Budworm	17,400	1,450	2	0.10	\$0.00	0.006%	4
Beet Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	580	0	0	0.00	\$0.00	0.000%	0
Loopers	290	0	0	0.00	\$0.00	0.000%	0
Cutworms	29	0	2	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant bug	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	8,700	2,900	0	0.00	\$0.00	0.000%	0
Lygus	5,510	2,900	0	0.00	\$0.00	0.190%	138
Stink Bugs	4,350	2,900	0	0.00	\$0.00	0.150%	109
Clouded Plant bugs	0	0	1	0.00	\$0.00	0.000%	0
Other Bugs	0	0	1	0.00	\$0.00	0.000%	0
Bagrada Bug	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	0	0	0	0.00	\$0.00	0.000%	0
Thrips	0	0	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	1	0.00	\$0.00	0.000%	0
Silverleaf Whitefly (Bemisia)	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 Beetle	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevil	0	0	0	0.00	\$0.00	0.000%	0
				0.10	\$0.00	0.346%	251

Yield & Management Results	
Total Acres	29,000
Total bales Harvested	52,019
yield (lbs/acre)	861
Total bales Lost to Insects	251
Percent Yield Loss	0.35%
Yield w/o Insects (lbs/ac)	864
Ave. # Spray Applications	0.10
Bales lost all factors	20,578
% yield loss all factors	28.35%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$3	\$0.00
At Planting Costs	\$377,000	\$13.00
In-furrow costs	\$5,220	\$0.18
Scouting costs	\$29,580	\$1.02
Eradication costs	\$14,500	\$0.50
Transgenic cotton	\$562,154	\$19.38
Total Costs	\$988,457	\$34.08
Yield Lost to insects	\$69,932	\$2.41
Total Losses + Costs	\$1,058,390	\$36.50