

Table 15

Kansas

Cotton Insect Losses 2011

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	0	0	0	0.000	\$0.00	0.00%	0
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	23,400	3,900	1	0.050	\$0.60	1.50%	2,335
Lygus	7,800	0	0	0.000	\$0.00	0.20%	311
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	3,900	1,560	1	0.020	\$0.24	0.00%	0
Thrips	31,200	7,800	1	0.100	\$1.20	3.20%	4,982
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	0	0	0	0.000	\$0.00	0.00%	0
European Comborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	1,560	0	0	0.000	\$0.00	0.00%	0
Grasshoppers	1,560	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	0	0	0	0.000	\$0.00	0.00%	0
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0	0.000	\$0.00	0.00%	0
Loopers	0	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
				0.170	\$2.04	4.90%	7,629

Yield & Management Results	
Total Acres	78,000
Total bales Harvested	96,688
yield (lbs/acre)	595
Total bales Lost to Insects	7,629
Percent Yield Loss	4.90%
Yield w/o Insects (lbs/ac)	626
Ave. # Spray Applications	0.17
Bales lost all factors	59,009
% yield loss all factors	37.9%

Economic Results		
	Total	Per Acre
Foliar Insecticides Costs	\$159,120	\$2.04
At Planting Costs	\$0	\$0.00
In-furrow costs	\$0	\$0.00
Scouting costs	\$249,600	\$3.20
Eradication costs	\$0	\$0.00
Transgenic cotton	\$0	\$0.00
Total Costs	\$408,720	\$5.24
Yield Lost to insects	\$2,929,585	\$37.56
Total Losses + Costs	\$3,338,305	\$42.80

