

Table 15

Kansas Summary

Cotton Insect Losses 2010

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	0	0	0.0	0.00	\$0.00	0.00%	0
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	14,400	2,400	1.0	0.05	\$0.60	1.50%	1,744
Lygus	4,800	0	0.0	0.00	\$0.00	0.20%	232
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	0	0	0.0	0.00	\$0.00	0.00%	0
Thrips	19,200	4,800	1.0	0.10	\$1.20	3.20%	3,720
Beet Armyworm	0	0	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	0	0	0.0	0.00	\$0.00	0.00%	0
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	960	0	0.0	0.00	\$0.00	0.00%	0
Grasshoppers	960	0	0.0	0.00	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	0	0	0.0	0.00	\$0.00	0.00%	0
Banded Winged Whitefly	0	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	0	0	0.0	0.00	\$0.00	0.00%	0
Loopers	0	0	0.0	0.00	\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	0	0	0.0	0.00	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 1	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 2	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 3	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects 4	0	0	0.0	0.00	\$0.00	0.00%	0
				0.15	\$1.80	4.90%	5696

Yield & Management Results

Total Acres	48000
Total bales Harvested	78000
yield (lbs/acre)	780
Total bales Lost to Insects	5696
Percent Yield Loss	4.9%
Yield w/o Insects (lbs/ac)	820
Ave. # Spray Applications	0.150
Bales lost all factors	38244
% yield loss all factors	32.9%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$86,400	\$1.80
At Planting Costs	\$0	\$0.00
In-furrow costs	\$23,520	\$0.49
Scouting costs	\$134,400	\$2.80
Eradication costs	\$0	\$0.00
Transgenic cotton	\$0	\$0.00
Total Costs	\$244,320	\$5.09
Yield Lost to insects	\$1,777,145	\$37.02
Total Losses + Costs	\$2,021,465	\$42.11