

Table 21

Oklahoma Summary

Cotton Insect Losses 2014

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	0	0	0	0.00	\$0.00	0.000%	0
Beet Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	0	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
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	178,500	136,500	2	1.14	\$10.24	0.850%	2,897
Lygus	0	0	0	0.00	\$0.00	0.000%	0
Stink Bugs	10,500	2,100	0	0.00	\$0.00	0.050%	170
Clouded Plant bugs	0	0	0	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	63,000	84,000	1	0.40	\$0.80	0.600%	2,045
Aphids	0	0	0	0.00	\$0.00	0.000%	0
Grasshoppers	84,000	42,000	1	0.20	\$2.00	0.400%	1,363
Banded Winged Whitefly	0	0	0	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
				1.74	\$13.04	1.900%	6,475

Yield & Management Results	
Total Acres	210,000
Total bales Harvested	255,938
yield (lbs/acre)	585
Total bales Lost to Insects	6,475
Percent Yield Loss	1.90%
Yield w/o Insects (lbs/ac)	596
Ave. # Spray Applications	1.74
Bales lost all factors	84,858
% yield loss all factors	24.90%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$2,737,875	\$13.04
At Planting Costs	\$913,500	\$4.35
In-furrow costs	\$0	\$0.00
Scouting costs	\$204,750	\$0.98
Eradication costs	\$945,000	\$4.50
Transgenic cotton	\$1,197,000	\$5.70
Total Costs	\$5,998,125	\$28.56
Yield Lost to insects	\$2,020,236	\$9.62
Total Losses + Costs	\$8,018,361	\$38.18