

Table 21

Oklahoma Summary

Cotton Insect Losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	0	0	0.00	0.00	\$0.00	0.000%	0
Beet Armyworm	0	0	0.00	0.00	\$0.00	0.000%	0
Fall Armyworm	0	0	0.00	0.00	\$0.00	0.000%	0
Loopers	0	0	0.00	0.00	\$0.00	0.000%	0
Cutworms	0	0	0.00	0.00	\$0.00	0.000%	0
Cotton Leafperforator	0	0	0.00	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0.00	0.00	\$0.00	0.000%	0
Verde Plant Bugs	0	0	0.00	0.00	\$0.00	0.000%	0
Cotton Fleahopper	156,000	126,750	1.75	1.14	\$10.24	0.800%	2,915
Lygus	0	0	0.00	0.00	\$0.00	0.000%	0
Stink Bugs	9,750	1,950	0.00	0.00	\$0.00	0.050%	182
Clouded Plant bugs	0	0	0.00	0.00	\$0.00	0.000%	0
Brown Stink bug	0	0	1.00	0.00	\$0.00	0.000%	0
Bagrada Bugs	0	0	0.00	0.00	\$0.00	0.000%	0
Leaf footed bugs	0	0	0.00	0.00	\$0.00	0.000%	0
Spider Mites	0	0	0.00	0.00	\$0.00	0.000%	0
Thrips	29,250	48,750	1.00	0.25	\$0.50	0.300%	1,093
Aphids	9,750	3,900	0.00	0.00	\$0.00	0.025%	91
Grasshoppers	58,500	29,250	1.00	0.15	\$1.50	0.300%	1,093
Banded Winged Whitefly	0	0	0.00	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	0	0	0.00	0.00	\$0.00	0.000%	0
Darkling Beetle	0	0	0.00	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetles	0	0	0.00	0.00	\$0.00	0.000%	0
Mealybugs	0	0	0.00	0.00	\$0.00	0.000%	0
Crickets	0	0	0.00	0.00	\$0.00	0.000%	0
Boll Weevils	0	0	0.00	0.00	\$0.00	0.000%	0
				1.54	\$12.24	1.475%	5,375

Yield & Management Results	
Total Acres	195,000
Total bales Harvested	329,875
yield (lbs/acre)	812
Total bales Lost to Insects	5,375
Percent Yield Loss	1.48%
Yield w/o Insects (lbs/ac)	824
Ave. # Spray Applications	1.54
Bales lost all factors	34,527
% yield loss all factors	9.48%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$2,386,313	\$12.24
At Planting Costs	\$848,250	\$4.35
In-furrow costs	\$0	\$0.00
Scouting costs	\$190,125	\$0.98
Eradication costs	\$877,500	\$4.50
Transgenic cotton	\$1,170,349	\$6.00
Total Costs	\$5,472,536	\$28.06
Yield Lost to insects	\$1,676,978	\$8.60
Total Losses + Costs	\$7,149,515	\$36.66