

Table 21

Oklahoma

Cotton Insect Losses 2012

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	135,000	105,000	1	0.350	\$3.15	0.68%	2,490
Lygus	0	0	0	0.000	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	0	0	0	0.000	\$0.00	0.00%	0
Thrips	30,000	15,000	1	0.050	\$0.10	0.05%	184
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 Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	15,000	27,426	2	0.056	\$0.51	0.08%	277
Grasshoppers	9,000	0	0	0.000	\$0.00	0.00%	6
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
Leaf footed bug	75,000	15,000	1	0.050	\$0.45	0.03%	92
other	0	0	0	0.000	\$0.00	0.00%	0
other	0	0	0	0.000	\$0.00	0.00%	0
other	0	0	0	0.000	\$0.00	0.00%	0
other	0	0	0	0.000	\$0.00	0.00%	0
				0.506	\$4.21	0.83%	3,049

Yield & Management Results

Total Acres	300,000
Total bales Harvested	115,000
yield (lbs/acre)	184
Total bales Lost to Insects	3,049
Percent Yield Loss	0.83%
Yield w/o Insects (lbs/ac)	186
Ave. # Spray Applications	0.51
Bales lost all factors	253,903
% yield loss all factors	68.83%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$1,261,875	\$4.21
At Planting Costs	\$1,848,750	\$6.16
In-furrow costs	\$165,000	\$0.55
Scouting costs	\$292,500	\$0.98
Eradication costs	\$600,000	\$2.00
Transgenic cotton	\$2,554,200	\$8.51
Total Costs	\$6,722,325	\$22.41
Yield Lost to insects	\$951,283	\$3.17
Total Losses + Costs	\$7,673,608	\$25.58