

Table 24

## Texas Summary

Cotton Insect Losses 2016

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	1,440,600	109,408	1	0.02	\$0.14	0.138%	13,344
Beet Armyworm	3,840	360	0	0.00	\$0.00	0.000%	0
Fall Armyworm	4,802	0	0	0.00	\$0.00	0.000%	0
Loopers	3,600	0	0	0.00	\$0.00	0.000%	0
Cutworms	30,020	0	0	0.00	\$0.00	0.000%	0
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	335	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	157,780	75,460	0	0.00	\$0.01	0.001%	52
Cotton Fleahopper	5,308,000	955,300	1	0.18	\$1.24	0.068%	6,552
Lygus	1,809,400	102,900	0	0.01	\$0.03	0.002%	199
Stink Bugs	1,406,300	433,940	1	0.11	\$0.54	0.458%	44,230
Clouded Plant bugs	0	0	0	0.00	\$0.00	0.000%	0
Brown Stink bug	0	0	0	0.00	\$0.00	0.000%	0
Bagrada Bugs	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	84,020	8,408	1	0.00	\$0.01	0.003%	324
Thrips	5,433,120	1,069,800	1	0.24	\$1.47	0.070%	6,720
Aphids	969,200	144,940	1	0.03	\$0.16	0.000%	20
Grasshoppers	996,160	54,060	1	0.01	\$0.01	0.000%	19
Banded Winged Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	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 Beetles	0	0	0	0.00	\$0.00	0.000%	0
Mealybugs	0	0	0	0.00	\$0.00	0.000%	0
Crickets	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevils	68,600	0	0	0.00	\$0.00	0.000%	0
				0.60	\$3.63	0.740%	71,461

Yield & Management Results	
Total Acres	5,488,000
Total bales Harvested	8,436,938
yield (lbs/acre)	738
Total bales Lost to Insects	71,461
Percent Yield Loss	0.740%
Yield w/o Insects (lbs/ac)	743
Ave. # Spray Applications	0.601
Bales lost all factors	1,219,382
% yield loss all factors	12.63%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$19,922,301	\$3.63
At Planting Costs	\$32,135,908	\$5.86
In-furrow costs	\$567,000	\$0.10
Scouting costs	\$5,172,434	\$0.94
Eradication costs	\$37,535,695	\$6.84
Transgenic cotton	\$85,541,833	\$15.59
Total Costs	\$180,875,170	\$32.96
Yield Lost to insects	\$23,292,614	\$4.24
Total Losses + Costs	\$204,167,784	\$37.20
PBE	\$2.19	BWE \$6.83