

Table 24

Texas Summary

Cotton Insect Losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	1,835,300	159,670	1	0.04	\$0.16	0.445%	35,946
Beet Armyworm	582,156	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	31,400	0	0	0.00	\$0.00	0.000%	6
Loopers	31,400	0	0	0.00	\$0.00	0.000%	0
Cutworms	3,140	13	0	0.00	\$0.00	0.000%	1
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	79,170	75,400	1	0.02	\$0.07	0.011%	914
Cotton Fleahopper	1,437,020	389,330	1	0.12	\$0.69	0.495%	38,579
Lygus	787,360	12,560	1	0.00	\$0.01	0.017%	1,342
Stink Bugs	2,057,750	232,480	1	0.05	\$0.23	0.067%	5,750
Clouded Plant bugs	0	1,885	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	79,400	9,600	1	0.00	\$0.01	0.021%	1,592
Thrips	3,191,690	317,140	1	0.07	\$0.09	0.947%	76,768
Aphids	1,413,150	291,770	1	0.07	\$0.30	0.300%	22,292
Grasshoppers	2,264,400	63,700	1	0.01	\$0.07	0.007%	535
Banded Winged Whitefly	441,400	19,200	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	96,000	9,600	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	24,995	0	0	0.00	\$0.00	0.000%	0
				0.38	\$1.63	2.311%	183,724

Yield & Management Results	
Total Acres	4,477,000
Total bales Harvested	5,734,527
yield (lbs/acre)	615
Total bales Lost to Insects	183,724
Percent Yield Loss	2.31%
Yield w/o Insects (lbs/ac)	629
Ave. # Spray Applications	0.38
Bales lost all factors	2,523,802
% yield loss all factors	30.56%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$7,317,205	\$1.63
At Planting Costs	\$33,574,288	\$7.50
In-furrow costs	\$141,300	\$0.03
Scouting costs	\$9,491,320	\$2.12
Eradication costs	\$11,125,880	\$2.49
Transgenic cotton	\$16,131,162	\$3.60
Total Costs	\$77,781,155	\$17.37
Yield Lost to insects	\$53,975,163	\$12.06
Total Losses + Costs	\$131,756,318	\$29.43