

Table 28

## Central Area States Summary

Cotton Insect Losses 2016

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	1,449,686	112,208	1	0.02	\$0.14	0.132%	13,587
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	0	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	5,575,342	1,159,146	1	0.23	\$1.52	0.147%	15,847
Lygus	1,829,550	107,550	0	0.01	\$0.04	0.005%	643
Stink Bugs	1,440,880	449,215	1	0.11	\$0.53	0.438%	44,902
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	87,013	9,905	1	0.00	\$0.02	0.003%	324
Thrips	5,504,365	1,146,176	1	0.24	\$1.46	0.078%	8,154
Aphids	984,165	146,437	1	0.03	\$0.16	0.000%	20
Grasshoppers	1,041,055	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
				0.64	\$3.89	0.804%	83,547

Yield & Management Results	
Total Acres	5,818,302
Total bales Harvested	9,060,636
yield (lbs/acre)	747
Total bales Lost to Insects	83,547
Percent Yield Loss	0.80%
Yield w/o Insects (lbs/ac)	754
Ave. # Spray Applications	0.64
Bales lost all factors	1,290,764
% yield loss all factors	12.54%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$22,632,934	\$3.89
At Planting Costs	\$33,214,919	\$5.71
In-furrow costs	\$585,600	\$0.10
Scouting costs	\$5,728,167	\$0.98
Eradication costs	\$38,882,554	\$6.68
Transgenic cotton	\$86,570,674	\$14.88
Total Costs	\$187,614,848	\$32.25
Yield Lost to insects	\$27,072,573	\$4.65
Total Losses + Costs	\$214,687,421	\$36.90