

Table 28

Central Area States Summary

Cotton Insect Losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	1,845,800	160,420	1	0.03	\$0.15	0.425%	35,948
Beet Armyworm	582,156	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	31,550	0	0	0.00	\$0.00	0.000%	6
Loopers	31,400	0	0	0.00	\$0.00	0.000%	0
Cutworms	3,140	14	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	0.010%	914
Cotton Fleahopper	1,597,520	517,580	1	0.16	\$0.98	0.506%	41,495
Lygus	790,210	14,060	1	0.00	\$0.01	0.017%	1,404
Stink Bugs	2,069,750	235,930	1	0.05	\$0.22	0.067%	5,981
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	84,398	10,598	1	0.00	\$0.01	0.020%	1,592
Thrips	3,220,940	365,890	1	0.08	\$0.10	0.917%	77,862
Aphids	1,422,900	295,670	1	0.06	\$0.29	0.288%	22,383
Grasshoppers	2,322,900	92,950	1	0.02	\$0.10	0.019%	1,628
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
				0.43	\$1.94	2.269%	189,212

Yield & Management Results

Total Acres	4,687,000
Total bales Harvested	6,088,402
yield (lbs/acre)	624
Total bales Lost to Insects	189,212
Percent Yield Loss	2.27%
Yield w/o Insects (lbs/ac)	638
Ave. # Spray Applications	0.43
Bales lost all factors	2,568,027
% yield loss all factors	29.67%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$9,074,879	\$1.94
At Planting Costs	\$34,617,538	\$7.39
In-furrow costs	\$144,000	\$0.03
Scouting costs	\$9,770,695	\$2.08
Eradication costs	\$12,010,880	\$2.56
Transgenic cotton	\$17,524,821	\$3.74
Total Costs	\$83,142,813	\$17.74
Yield Lost to insects	\$55,721,534	\$11.89
Total Losses + Costs	\$138,864,347	\$29.63