

Table 28

Central Area States

Cotton Insect Losses 2014

Pest	acres infested	acres treated	#apps/ acre	#apps/ tot	cost/ acre	%red	Bales lost
			trtd	acres			
Bollworm/Budworm	1,290,039	151,291	1	0.02	\$0.18	0.087%	10,534
Beet Armyworm	3,771	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	94,966	0	0	0.00	\$0.00	0.000%	17
Loopers	386,828	0	0	0.00	\$0.00	0.000%	0
Cutworms	4,748	3,795	1	0.00	\$0.00	0.000%	1
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant bug	195,454	147,065	1	0.02	\$0.12	0.012%	1,466
Cotton Fleahopper	3,551,093	1,003,181	1	0.26	\$1.76	0.151%	17,493
Lygus	1,561,353	71,916	1	0.01	\$0.07	0.029%	3,888
Stink Bugs	2,642,521	386,490	1	0.08	\$0.43	0.007%	915
Clouded Plant bugs	0	4,744	0	0.00	\$0.00	0.000%	0
Brown Stink bug	0	0	0	0.00	\$0.00	0.000%	0
Bagrada Bug	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	178,128	35,865	1	0.01	\$0.03	0.017%	2,027
Thrips	3,443,655	2,865,561	1	0.44	\$0.81	0.095%	11,301
Aphids	2,653,479	116,443	1	0.02	\$0.07	0.042%	4,765
Grasshoppers	2,871,526	385,058	1	0.06	\$0.31	0.019%	2,175
Banded Winged Whitefly	564,253	48,876	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly (Bemisia)	291,819	963,756	0	0.15	\$0.85	0.002%	267
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetle	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevil	47,440	18,976	6	0.02	\$0.02	0.000%	0
				1.09	\$4.65	0.462%	54,849

Yield & Management Results	
Total Acres	6,453,288
Total bales Harvested	10,406,465
yield (lbs/acre)	774
Total bales Lost to Insects	54,849
Percent Yield Loss	0.46%
Yield w/o Insects (lbs/ac)	778
Ave. # Spray Applications	1.09
Bales lost all factors	3,113,800
% yield loss all factors	23.03%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$29,994,801	\$4.65
At Planting Costs	\$46,764,646	\$7.25
In-furrow costs	\$1,701,945	\$0.26
Scouting costs	\$18,575,949	\$2.88
Eradication costs	\$20,947,995	\$3.25
Transgenic cotton	\$61,838,260	\$9.58
Total Costs	\$179,823,596	\$27.87
Yield Lost to insects	\$15,957,957	\$2.47
Total Losses + Costs	\$195,781,553	\$30.34