Table 27 Midsouth Area States Summary Cotton Insect Losses 2014

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	1,203,557	776,961	1	0.57	$5.75	1.679%	114,476
Beet Armyworm	0	0	0	0.00	$0.00	0.000%	0
Fall Armyworm	466,871	117,444	1	0.20	$1.47	0.264%	13,130
Loopers	54,490	0	0	0.00	$0.00	0.000%	0
Cutworms	106,900	472,302	1	0.23	$0.76	0.005%	214
Saltmarsh Caterpillar	0	0	0	0.00	$0.00	0.000%	0
Verde Plant bug	0	0	0	0.00	$0.00	0.000%	0
Cotton Fleahopper	402,861	265,681	0	0.07	$0.39	0.348%	20,332
Lygus	1,412,557	1,362,807	4	4.24	$38.79	5.187%	277,238
Stink Bugs	962,135	439,820	1	0.28	$2.09	0.725%	39,206
Clouded Plant bugs	349,390	91,446	1	0.02	$0.13	0.183%	8,326
Other Bugs	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	668,454	489,921	1	0.75	$7.37	0.478%	23,750
Thrips	1,418,807	1,034,105	1	0.69	$4.89	1.504%	91,463
Aphids	617,557	194,081	1	0.11	$0.88	0.026%	1,520
Grasshoppers	26,151	12,300	0	0.17	$0.00	0.000%	0
Banded Winged Whitefly	85,000	0	0	0.00	$0.00	0.000%	0
Silverleaf Whitefly (Bemisia)	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 Beetle	0	0	0	0.00	$0.00	0.000%	0
Boll Weevil	0	0	0	0.00	$0.00	0.000%	0
				7.35	$62.53	10.399%	589,655

Yield & Management Results	
Total Acres	1,418,807
Total bales Harvested	3,355,749
yield (lbs/acre)	1,135
Total bales Lost to Insects	589,655
Percent Yield Loss	10.40%
Yield w/o Insects (lbs/ac)	1,267
Ave. # Spray Applications	7.35
Bales lost all factors	1,333,268
% yield loss all factors	28.44%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	$88,715,567	$62.53
At Planting Costs	$16,230,605	$11.44
In-furrow costs	$518,205	$0.37
Scouting costs	$11,310,392	$7.97
Eradication costs	$6,856,342	$4.83
Transgenic cotton	$29,870,905	$21.05
Total Costs	$153,502,016	$108.19
Yield Lost to insects	$195,071,050	$137.49
Total Losses + Costs	$348,573,066	$245.68