

**Table 17**

**Mississippi Summary**

**Cotton Insect Losses - 2013**

<b>Pest</b>	<b>acres infested</b>	<b>acres treated</b>	<b>#apps/ acre trtd</b>	<b>#apps/ tot acres</b>	<b>cost/ acre</b>	<b>%red</b>	<b>Bales lost</b>
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	224,250	139,000	1	0.502	\$4.76	0.70%	6,622
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	55,850	6,450	1	0.020	\$0.28	0.02%	165
Lygus	307,350	283,000	5	4.317	\$60.44	4.80%	45,378
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	224,750	145,800	2	1.060	\$12.72	1.23%	11,614
Thrips	316,800	260,550	2	1.712	\$17.12	0.30%	2,806
Beet Armyworm	5,350	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	6,400	0	0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	117,000	32,000	1	0.100	\$0.95	0.32%	3,067
Grasshoppers	16,000	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	3,200	0	0	0.000	\$0.00	0.00%	0
Aphids	181,750	90,750	1	0.284	\$3.97	0.06%	537
Banded Winged Whitefly	33,300	2,150	1	0.007	\$0.09	0.01%	98
Silverleaf Whitefly (Bemesia)	0	0	0	0.000	\$0.00	0.00%	0
Loopers	45,100	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	26,500	0	0	0.000	\$0.00	0.00%	0
Cutworms	26,750	181,000	1	0.566	\$3.39	0.00%	8
Clouded Plant bugs	85,000	5,250	1	0.016	\$0.23	0.66%	6,201
Other	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
				8.584	\$103.97	8.10%	76,497

<b>Yield &amp; Management Results</b>	
Total Acres	320,000
Total bales Harvested	726,688
yield (lbs/acre)	1,090
Total bales Lost to Insects	76,497
Percent Yield Loss	8.10%
Yield w/o Insects (lbs/ac)	1,186
Ave. # Spray Applications	8.58
Bales lost all factors	218,235
% yield loss all factors	23.10%

<b>Economic Results</b>	<b>Total</b>	<b>Per Acre</b>
Foliar Insecticides Costs	\$33,270,250	\$103.97
At Planting Costs	\$4,752,000	\$14.85
In-furrow costs	\$25,800	\$0.08
Scouting costs	\$2,332,800	\$7.29
Eradication costs	\$1,490,000	\$4.66
Transgenic cotton	\$8,409,528	\$26.28
Total Costs	\$50,280,378	\$157.13
Yield Lost to insects	\$29,374,837	\$91.80
Total Losses + Costs	\$79,655,215	\$248.92