Table 17   Mississippi Summary   Cotton Insect Losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	222,500	148,000	2	0.70	$9.08	1.043%	10,301
Beet Armyworm	0	0	0	0.00	$0.00	0.000%	0
Fall Armyworm	128,300	29,800	1	0.09	$0.56	0.301%	2,959
Loopers	4,300	0	0	0.00	$0.00	0.000%	0
Cutworms	75,000	27,000	1	0.08	$0.34	0.023%	219
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	0	0	0	0.00	$0.00	0.000%	0
Cotton Fleahopper	16,000	0	0	0.00	$0.00	0.010%	95
Lygus	318,900	282,800	5	4.34	$46.56	4.983%	47,599
Stink Bugs	150,000	27,000	1	0.08	$0.80	0.469%	4,374
Clouded Plant bugs	37,500	2,200	1	0.01	$0.07	0.645%	6,014
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	191,000	127,000	2	0.73	$8.70	1.343%	13,165
Thrips	320,000	170,000	1	0.61	$5.49	1.000%	9,547
Aphids	149,000	74,000	1	0.23	$2.31	0.164%	1,694
Grasshoppers	7,400	0	0	0.00	$0.00	0.000%	0
Banded Winged Whitefly	11,600	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	0	0	0	0.00	$0.00	0.000%	0
				6.87	$73.91	9.980%	95,967

Yield & Management Results	
Total Acres	320,000
Total bales Harvested	711,250
yield (lbs/acre)	1,067
Total bales Lost to Insects	95,967
Percent Yield Loss	9.98%
Yield w/o Insects (lbs/ac)	1,185
Ave. # Spray Applications	6.87
Bales lost all factors	246,005
% yield loss all factors	25.70%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	$23,651,561	$73.91
At Planting Costs	$3,040,000	$9.50
In-furrow costs	$75,600	$0.24
Scouting costs	$2,394,700	$7.48
Eradication costs	$1,280,000	$4.00
Transgenic cotton	$8,491,013	$26.53
Total Costs	$38,932,875	$121.67
Yield Lost to insects	$26,717,091	$83.49
Total Losses + Costs	$65,649,966	$205.16