Table 17a   **Mississippi Delta**   **Cotton Insect Losses - 2013**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0	0.000	$0.00	0.00%	0
Bollworm/Budworm	161,250	107,500	1	0.600	$5.70	0.75%	4,940
Pink Bollworm	0	0	0	0.000	$0.00	0.00%	0
Cotton Fleahopper	53,750	6,450	1	0.030	$0.42	0.03%	165
Lygus	212,850	204,250	6	5.510	$77.14	4.95%	32,607
Cotton Leaf Perforator	0	0	0	0.000	$0.00	0.00%	0
Spider Mites	182,750	129,000	3	1.500	$18.00	1.49%	9,798
Thrips	212,850	187,050	2	2.001	$20.01	0.30%	1,956
Beet Armyworm	4,300	0	0	0.000	$0.00	0.00%	0
Fall Armyworm	4,300	0	0	0.000	$0.00	0.00%	0
European Cornborer	0	0	0	0.000	$0.00	0.00%	0
Stink Bugs	64,500	21,500	1	0.100	$0.95	0.30%	1,976
Grasshoppers	10,750	0	0	0.000	$0.00	0.00%	0
Saltmarsh Caterpillars	2,150	0	0	0.000	$0.00	0.00%	0
Aphids	139,750	64,500	1	0.300	$4.20	0.07%	428
Banded Winged Whitefly	32,250	2,150	1	0.010	$0.14	0.02%	99
Silverleaf Whitefly (Bemisia)	0	0	0	0.000	$0.00	0.00%	0
Loopers	43,000	0	0	0.000	$0.00	0.00%	0
Southern Armyworms	10,750	0	0	0.000	$0.00	0.00%	0
Cutworms	21,500	107,500	1	0.500	$3.00	0.00%	7
Clouded Plant bugs	43,000	0	0	0.000	$0.00	0.00%	0
Other Insects	0	0	0	0.000	$0.00	0.00%	0
Other Insects	0	0	0	0.000	$0.00	0.00%	0
Other Insects	0	0	0	0.000	$0.00	0.00%	0
Other Insects	0	0	0	0.000	$0.00	0.00%	0
Other Insects	0	0	0	0.000	$0.00	0.00%	0
				10.551	$129.56	7.89%	51,976

Yield & Management Results	
Total Acres	215,000
Total bales Harvested	507,938
yield (lbs/acre)	1,134
Total bales Lost to Insects	51,976
Percent Yield Loss	7.89%
Yield w/o Insects (lbs/ac)	1,231
Ave. # Spray Applications	10.55
Bales lost all factors	150,785
% yield loss all factors	22.9%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	$27,855,400	$129.56
At Planting Costs	$3,192,750	$14.85
In-furrow costs	$25,800	$0.12
Scouting costs	$1,702,800	$7.92
Eradication costs	$860,000	$4.00
Transgenic cotton	$5,664,261	$26.35
Total Costs	$39,301,011	$182.80
Yield Lost to insects	$19,958,971	$92.83
Total Losses + Costs	$59,259,982	$275.63