

Table 16d

## Mississippi Hills nonBt

## Cotton Insect Losses ♦ 2004

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	0	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	40,000	30,000	0.692	\$8.50	\$5.88	0.92	1,625
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	0	0	0.000	N/A	0.00	0.00	0
Lygus	58,500	46,800	0.792	\$8.25	\$6.53	0.27	475
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	30,000	12,000	0.277	\$12.00	\$3.32	0.05	81
Thrips	62,000	40,000	0.615	\$5.00	\$3.08	0.01	17
Beet Armyworm	14,000	1,600	0.025	\$9.00	\$0.22	0.00	6
Fall Armyworm	17,000	3,500	0.059	\$9.00	\$0.53	0.01	12
European Comborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	32,000	14,000	0.215	\$7.00	\$1.51	0.10	173
Grasshoppers	1,500	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	500	0	0.000	N/A	\$0.00	0.00	0
Aphids	55,000	22,000	0.338	\$9.00	\$3.05	0.08	149
Banded Winged Whitefly	3,200	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	2,300	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	1,100	550	0.008	\$7.00	\$0.06	0.00	1
Clouded Plant Bugs	12,000	200	0.003	\$8.00	\$0.02	0.00	0
Cutworms	5,500	11,000	0.169	\$2.00	\$0.34	0.00	1

Percent Lost	1.44
Total Acres	65,000
Total Bales lost	2,540
Bales lost in dollars	\$731,500

Est. yield/acre	800
Spray applications	3.195
Cost + loss	\$4,004,210
Cost + loss/acre	\$61.60

	Cost/ Acre
Foliar insecticide	\$24.55
At planting	\$8.55
Bt use fees	\$0.00
Eradication	\$12.00
Scouting	\$5.25
Total	\$50.35