

Table 16b Mississippi Hills Cotton Insect Losses 2003

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	400,000	220,000	0.605	\$9.00	\$5.45	1.30	13,000
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	30,000	500	0.001	\$7.50	0.01	0.04	375
Lygus	330,000	170,000	0.553	\$7.80	\$4.31	1.16	11,550
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	300,000	20,000	0.070	\$11.90	\$0.83	0.08	750
Thrips	400,000	150,000	0.450	\$4.90	\$2.21	0.20	2,000
Beet Armyworm	40,000	1,200	0.003	\$9.00	\$0.03	0.06	600
Fall Armyworm	130,000	60,000	0.195	\$9.10	\$1.77	0.16	1,625
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	400,000	190,000	0.618	\$7.40	\$4.57	1.35	13,500
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	20,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	400,000	20,000	0.050	\$7.90	\$0.40	0.23	2,300
Banded Winged Whitefly	120,000	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	10,000	500	0.003	\$9.50	\$0.02	0.06	625
Loopers	90,000	8,000	0.020	\$9.10	\$0.18	0.05	450
Southern Armyworms	50,000	0	0.000	N/A	\$0.00	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	200,000	100,000	0.250	\$1.90	\$0.48	0.05	450

  

Percent Lost	4.72	Est. yield/acre	850	Cost/ Acre	
Total Acres	400,000	Spray applications	2.817	Foliar insecticide	\$20.25
Total Bales lost	47,225	Cost + loss	\$41,224,250	At planting	\$7.76
Bales lost in dollars	\$13,600,800	Cost + loss/acre	\$103.06	Bt use fees	\$23.80
				Eradication	\$12.00
				Scouting	\$5.25
				Total	\$69.06