

Table 16c Mississippi Hills Bt Cotton Insect Losses 2006

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	217,242	80,750	0.297	\$8.50	\$2.53	0.40	3,168
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	244,397	176,509	0.910	\$9.00	\$8.19	0.54	4,277
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	81,466	18,000	0.066	\$12.25	\$0.81	0.24	1,901
Thrips	271,552	82,000	0.302	\$5.50	\$1.66	0.10	792
Beet Armyworm	1,900	440	0.002	\$9.50	\$0.02	0.00	1
Fall Armyworm	32,550	16,500	0.061	\$10.80	\$0.66	0.08	665
European Comborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	162,931	25,000	0.092	\$7.25	\$0.67	0.24	1,901
Grasshoppers	44,500	18,750	0.069	\$2.60	\$0.18	0.00	13
Saltmarsh Caterpillars	850	0	0.000	N/A	\$0.00	0.00	0
Aphids	217,241	108,621	0.400	\$9.75	\$3.90	0.16	1,267
Banded Winged Whitefly	0	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	13,500	800	0.003	\$10.50	\$0.03	0.00	4
Southern Armyworms	12,500	0	0.000	N/A	\$0.00	0.00	0
Clouded Plant Bugs	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	108,500	162,931	0.600	\$3.50	\$2.10	0.00	3
Percent Lost	1.77		Est. yield/acre	660			Cost/ Acre
						Foliar insecticide	\$20.74
Total Acres	271,552		Spray applications	2.802		At planting	\$9.02
						Bt use fees	\$20.00
Total Bales lost	13,992		Cost + loss	\$22,130,283		Eradication	\$12.00
Bales lost in dollars	\$4,029,722		Cost + loss/acre	\$81.50		Scouting	\$4.90
						Total	\$66.66