

Table 16d Mississippi Hills nonBt 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	62,758	45,000	0.574	\$10.25	\$5.88	2.00	4,576
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	70,603	55,698	0.994	\$9.00	\$8.95	0.54	1,236
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	23,534	3,000	0.038	\$12.25	\$0.47	0.30	686
Thrips	76,879	27,457	0.350	\$5.50	\$1.93	0.10	224
Beet Armyworm	850	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	24,319	11,767	0.150	\$10.80	\$1.62	0.25	567
European Comborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	47,069	27,457	0.350	\$7.25	\$2.54	0.30	686
Grasshoppers	12,750	1,900	0.024	\$5.10	\$0.12	0.00	4
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	50,991	25,103	0.320	\$9.75	\$3.12	0.13	297
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	18,750	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	1,300	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	19,612	47,069	0.600	\$3.50	\$2.10	0.00	1
Percent Lost	3.62		Est. yield/acre	615			Cost/ Acre
						Foliar insecticide	\$26.72
Total Acres	78,448		Spray applications	3.400		At planting	\$9.02
						Bt use fees	\$0.00
Total Bales lost	8,278		Cost + loss	\$6,513,237		Eradication	\$12.00
Bales lost in dollars	\$2,384,035		Cost + loss/acre	\$83.03		Scouting	\$4.90
						Total	\$52.64