

Table 16d Mississippi Hills nonBt Cotton Insect Losses – 2005

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	60,000	40,000	0.571	\$8.50	\$4.86	1.37	2,600
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	200	0	0.000	N/A	0.00	0.00	0
Lygus	70,000	63,000	1.350	\$8.50	\$11.48	0.40	758
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	40,000	18,000	0.257	\$11.50	\$2.96	0.17	325
Thrips	70,000	29,500	0.421	\$5.00	\$2.11	0.10	190
Beet Armyworm	5,500	900	0.013	\$9.50	\$0.12	0.00	2
Fall Armyworm	15,000	4,250	0.067	\$11.00	\$0.73	0.04	81
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	45,750	13,500	0.193	\$7.00	\$1.35	0.20	372
Grasshoppers	1,850	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	750	0	0.000	N/A	\$0.00	0.00	0
Aphids	67,500	24,500	0.385	\$9.25	\$3.56	0.10	183
Banded Winged Whitefly	4,500	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	650	0.009	\$8.50	\$0.08	0.00	4
Southern Armyworms	1,000	400	0.006	\$7.00	\$0.04	0.00	0
Clouded Plant Bugs	13,000	200	0.003	\$8.00	\$0.02	0.00	0
Cutworms	8,500	11,000	0.157	\$2.00	\$0.31	0.00	2
Percent Lost	2.38		Est. yield/acre	725			Cost/ Acre
						Foliar insecticide	\$27.62

Total Acres	70,000	Spray applications	3.433	At planting	\$8.55
				Bt use fees	\$0.00
		Cost + loss	\$5,040,421	Eradication	\$12.00
Total Bales lost	4,517			Scouting	\$5.25
Bales lost in dollars	\$1,300,983	Cost + loss/acre	\$72.01	Total	\$53.42