

**Table 16c**

Pest	Mississippi Hills Bt				Cotton Insect Losses 2007		
	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	84,400	25,000	0.148	\$7.50	\$1.11	0.25	1,231
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	125,000	75,000	0.666	\$9.00	\$6.00	0.40	1,969
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	25,000	7,500	0.044	\$15.00	\$0.67	0.11	547
Thrips	168,800	45,000	0.267	\$7.00	\$1.87	0.10	492
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	7,500	3,500	0.021	\$10.00	\$0.21	0.02	120
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	65,000	28,500	0.169	\$7.25	\$1.22	0.12	588
Grasshoppers	1,250	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	750	0	0.000	N/A	\$0.00	0.00	0
Aphids	45,000	15,000	0.089	\$9.75	\$0.87	0.05	263
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	3,500	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	1,400	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	15,000	87,500	0.518	\$4.50	\$2.33	0.00	4

Percent Lost	1.06
Total Acres	168,800
Total Bales lost	5,214
Bales lost in dollars	\$1,501,542

Est. yield/acre	800
Spray applications	1.922
Cost + loss	\$11,734,767
Cost + loss/acre	\$69.52

	Cost/Acre
Foliar insecticide	\$14.27
At planting	\$8.80
Bt use fees	\$20.00
Eradication	\$12.00
Scouting	\$5.55
Total	\$60.62

