

Table 16d

Pest	Mississippi Hills nonBt				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	37,500	21,000	0.746	\$7.50	\$5.60	2.22	2,734
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	35,000	25,000	0.889	\$9.00	\$8.00	0.45	551
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	8,500	3,500	0.083	\$15.00	\$1.24	0.15	186
Thrips	42,200	15,500	0.367	\$7.00	\$2.57	0.10	123
Beet Armyworm	1,500	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	2,500	750	0.018	\$10.00	\$0.18	0.03	40
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	17,500	7,500	0.178	\$7.25	\$1.29	0.13	158
Grasshoppers	2,500	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	500	0	0.000	N/A	\$0.00	0.00	0
Aphids	15,000	4,500	0.107	\$9.00	\$0.96	0.07	88
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	1,100	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	0	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	9,500	17,500	0.415	\$4.50	\$1.87	0.00	3

Percent Lost	3.15
Total Acres	42,200
Total Bales lost	3,883
Bales lost in dollars	\$1,118,376

Est. yield/acre	800
Spray applications	2.802
Cost + loss	\$3,172,151
Cost + loss/acre	\$75.17

	Cost/Acre
Foliar insecticide	\$21.70
At planting	\$8.74
Bt use fees	\$0.00
Eradication	\$12.00
Scouting	\$6.22
Total	\$48.67

