

**Table 19b**

Pest	North Carolina non <i>Bt</i>				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	20,000	18,000	1.080	\$7.00	\$7.56	4.40	1,742
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	20,000	0	0.000	N/A	0.00	0.00	0
Lygus	20,000	600	0.030	\$7.25	\$0.22	0.10	40
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	5,000	460	0.023	\$13.50	\$0.31	0.00	0
Thrips	20,000	15,000	1.050	\$4.50	\$4.73	1.50	594
Beet Armyworm	4,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	2,000	0	0.000	N/A	\$0.00	0.00	0
European Cornborer	1,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	20,000	2,000	0.050	\$7.00	\$0.35	0.20	79
Grasshoppers	3,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	20,000	600	0.030	\$11.50	\$0.35	0.00	0
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly ( <i>Bemisia</i> )	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	1,500	300	0.015	\$4.50	\$0.07	0.00	0

Percent Lost	6.20
Total Acres	20,000
Total Bales lost	2,454
Bales lost in dollars	\$706,800

Est. yield/acre	560
Spray applications	2.278
Cost + loss	\$1,406,310
Cost + loss/acre	\$70.32

	Cost/Acre
Foliar insecticide	\$13.58
At planting	\$12.50
Bt use fees	\$0.00
Eradication	\$2.50
Scouting	\$6.40
Total	\$34.98

