

Table 19a

Pest	North Carolina <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	475,000	202,000	0.255	\$7.50	\$1.91	0.90	8,906
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	475,000	0	0.000	N/A	0.00	0.00	0
Lygus	475,000	14,000	0.029	\$7.25	\$0.21	0.10	990
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	100,000	11,000	0.023	\$13.50	\$0.31	0.00	0
Thrips	475,000	371,000	1.093	\$4.50	\$4.92	1.50	14,844
Beet Armyworm	75,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	40,000	0	0.000	N/A	\$0.00	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	475,000	202,000	0.170	\$7.50	\$1.28	0.20	1,979
Grasshoppers	90,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	475,000	7,000	0.015	\$11.50	\$0.17	0.00	0
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	5,000	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	50,000	4,000	0.008	\$4.50	\$0.04	0.00	0

Percent Lost	2.70
Total Acres	475,000
Total Bales lost	26,719
Bales lost in dollars	\$7,695,000

Est. yield/acre	580
Spray applications	1.595
Cost + loss	\$28,473,300
Cost + loss/acre	\$59.94

	Cost/Acre
Foliar insecticide	\$8.84
At planting	\$12.50
Bt use fees	\$13.50
Eradication	\$2.50
Scouting	\$6.40
Total	\$43.74

