

Table 19a North Carolina *Bt* 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	726,000	657,700	0.634	\$8.00	\$5.07	2.10	31,763
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	726,000	0	0.000	N/A	0.00	0.00	0
Lygus	726,000	40,600	0.056	\$6.50	\$0.36	0.10	1,513
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	240,000	18,000	0.025	\$13.00	\$0.32	0.00	0
Thrips	726,000	518,000	0.928	\$5.00	\$4.64	0.80	12,100
Beet Armyworm	5,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	72,000	1,000	0.000	N/A	\$0.00	0.00	0
European Cornborer	180,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	726,000	657,700	0.634	\$8.00	\$5.07	3.50	52,938
Grasshoppers	72,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	726,000	54,000	0.074	\$10.00	\$0.74	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	50,000	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	300,000	30,000	0.041	\$4.00	\$0.17	0.00	0
Percent Lost	6.50		Est. yield/acre	830			Cost/ Acre
						Foliar insecticide	\$16.38

Total Acres	726,000	Spray applications	2.392	At planting	\$14.21
				Bt use fees	\$20.00
		Cost + loss	\$71,669,240	Eradication	\$3.50
Total Bales lost	98,313			Scouting	\$5.63
Bales lost in dollars	\$28,314,000	Cost + loss/acre	\$98.72	Total	\$59.72