

Table 19a North Carolina *Bt* Cotton Insect Losses 2006

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	777,000	724,000	0.559	\$7.00	\$3.91	1.56	30,682
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	777,000	0	0.000	N/A	0.00	0.00	0
Lygus	777,000	47,200	0.061	\$6.50	\$0.39	0.10	1,967
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	60,000	600	0.001	\$13.00	\$0.01	0.00	0
Thrips	777,000	695,000	1.163	\$5.00	\$5.81	0.50	9,834
Beet Armyworm	2,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	160,000	1,000	0.001	\$7.00	\$0.01	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	777,000	560,000	0.541	\$7.25	\$3.92	2.46	48,383
Grasshoppers	200,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	100,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	777,000	25,600	0.033	\$10.50	\$0.35	0.00	0
Banded Winged Whitefly	10,000	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	6,000	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	0.039	\$4.00	\$0.15	0.00	0
Percent Lost	4.62		Est. yield/acre	729			Cost/ Acre
						Foliar insecticide	\$14.56
Total Acres	777,000		Spray applications	2.397		At planting	\$12.00
			Cost + loss	\$61,778,355		Bt use fees	\$11.08
Total Bales lost	90,865					Eradication	\$3.25
Bales lost in dollars	\$26,169,205		Cost + loss/acre	\$79.51		Scouting	\$4.94
						Total	\$45.83