

Table 19b North Carolina non 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	63,000	55,000	1.746	\$6.50	\$11.35	9.30	14,245
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	63,000	0	0.000	N/A	0.00	0.00	0
Lygus	63,000	3,540	0.056	\$6.50	\$0.37	0.10	153
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	8,000	80	0.001	\$13.00	\$0.02	0.00	0
Thrips	63,000	52,000	1.073	\$5.00	\$5.37	0.50	766
Beet Armyworm	300	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	16,000	100	0.002	\$7.00	\$0.01	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	63,000	40,000	0.381	\$7.25	\$2.76	1.23	1,884
Grasshoppers	28,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	6,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	63,000	2,500	0.040	\$10.50	\$0.42	0.00	0
Banded Winged Whitefly	1,500	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	800	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	40,000	4,000	0.063	\$4.00	\$0.25	0.00	0
Percent Lost	11.13		Est. yield/acre	700			Cost/ Acre
						Foliar insecticide	\$20.54
Total Acres	63,000		Spray applications	3.362		At planting	\$10.77
			Cost + loss	\$7,446,982		Bt use fees	\$0.00
Total Bales lost	17,048					Eradication	\$3.25
Bales lost in dollars	\$4,909,732		Cost + loss/acre	\$118.21		Scouting	\$5.71
						Total	\$40.27