

Table 19b North Carolina non 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	80,000	78,400	2.254	\$6.50	\$14.65	6.60	10,604
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	80,000	0	0.000	N/A	0.00	0.00	0
Lygus	80,000	6,160	0.077	\$6.50	\$0.50	0.10	161
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	24,000	2,000	0.025	\$13.00	\$0.33	0.00	0
Thrips	80,000	57,000	0.926	\$5.00	\$4.63	0.80	1,285
Beet Armyworm	400	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	8,000	80	0.001	\$7.00	\$0.01	0.00	0
European Cornborer	20,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	80,000	78,400	0.686	\$8.00	\$5.49	2.00	3,213
Grasshoppers	8,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	80,000	5,800	0.073	\$10.00	\$0.73	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	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	35,000	5,000	0.063	\$4.00	\$0.25	0.00	0
Percent Lost	9.50		Est. yield/acre	800			Cost/ Acre
						Foliar insecticide	\$26.58

Total Acres	80,000	Spray applications	4.104	At planting	\$14.21
				Bt use fees	\$0.00
		Cost + loss	\$8,388,700	Eradication	\$3.50
Total Bales lost	15,263			Scouting	\$5.63
Bales lost in dollars	\$4,395,840	Cost + loss/acre	\$104.86	Total	\$49.91