

Table 19 North Carolina Summary 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	806,000	736,100	0.795	\$7.58	\$6.02	2.53	42,367
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	806,000	0	0.000	N/A	0.00	0.00	0
Lygus	806,000	46,760	0.058	\$6.50	\$0.38	0.10	1,673
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	264,000	20,000	0.025	\$13.00	\$0.32	0.00	0
Thrips	806,000	575,000	0.927	\$5.00	\$4.64	0.80	13,385
Beet Armyworm	5,400	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	80,000	1,080	0.000	\$7.00	\$0.00	0.00	0
European Cornborer	200,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	806,000	736,100	0.639	\$8.00	\$5.11	3.36	56,151
Grasshoppers	80,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	806,000	59,800	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	56,000	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	335,000	35,000	0.043	\$4.00	\$0.17	0.00	0
Percent Lost	6.79		Est. yield/acre	827			Cost/ Acre
						Foliar insecticide	\$17.39

Total Acres	806,000	Spray applications	2.562	At planting	\$14.21
				Bt use fees	\$18.01
		Cost + loss	\$80,057,940	Eradication	\$3.50
Total Bales lost	113,576			Scouting	\$5.63
Bales lost in dollars	\$32,709,840	Cost + loss/acre	\$99.33	Total	\$58.74