

Table 19 North Carolina Summary 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	840,000	779,000	0.648	\$6.90	\$4.47	2.12	44,926
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	840,000	0	0.000	N/A	0.00	0.00	0
Lygus	840,000	50,740	0.060	\$6.50	\$0.39	0.10	2,120
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	68,000	680	0.001	\$13.00	\$0.01	0.00	0
Thrips	840,000	747,000	1.156	\$5.00	\$5.78	0.50	10,600
Beet Armyworm	2,300	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	176,000	1,100	0.001	\$7.00	\$0.01	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	840,000	600,000	0.529	\$7.25	\$3.83	2.37	50,267
Grasshoppers	228,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	106,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	840,000	28,100	0.033	\$10.50	\$0.35	0.00	0
Banded Winged Whitefly	11,500	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	6,800	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	340,000	34,000	0.040	\$4.00	\$0.16	0.00	0
Percent Lost	5.09		Est. yield/acre	727			Cost/ Acre
						Foliar insecticide	\$15.01
Total Acres	840,000		Spray applications	2.469		At planting	\$11.91
						Bt use fees	\$10.76
			Cost + loss	\$69,655,647		Eradication	\$3.25
Total Bales lost	107,913					Scouting	\$5.00
Bales lost in dollars	\$31,078,937		Cost + loss/acre	\$82.92		Total	\$45.92