

Table 19 North Carolina Summary Cotton Insect Lossese 2003

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	790,000	689,000	1.474	\$6.97	\$10.27	2.02	37,707
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	430,000	0	0.000	N/A	0.00	0.00	0
Lygus	790,000	30,000	0.038	\$5.90	\$0.22	0.96	17,794
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	40,000	400	0.001	\$13.00	\$0.01	0.00	0
Thrips	790,000	469,000	0.594	\$4.89	\$2.90	0.16	3,048
Beet Armyworm	8,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	11,000	0	0.000	N/A	\$0.00	0.00	0
European Cornborer	214,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	790,000	20,000	0.025	\$6.25	\$0.16	0.89	16,603
Grasshoppers	130,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	395,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	790,000	38,500	0.036	\$7.50	\$0.27	0.00	0
Banded Winged Whitefly	29,000	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	4,000	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	80,000	40,000	0.051	\$3.50	\$0.18	0.00	0

Percent Lost	4.03
Total Acres	790,000
Total Bales lost	75,152
Bales lost in dollars	\$21,643,727

Est. yield/acre	600
Spray applications	2.218
Cost + loss	\$59,661,452
Cost + loss/acre	\$75.52

	Cost/ Acre
Foliar insecticide	\$14.01
At planting	\$10.36
Bt use fees	\$13.90
Eradication	\$3.75
Scouting	\$6.10
Total	\$48.12