

Table 19b North Carolina nonBt 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	215,000	214,000	2.986	\$7.15	\$21.35	3.96	20,079
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	215,000	0	0.000	N/A	0.00	0.00	0
Lygus	215,000	15,000	0.070	\$5.90	\$0.41	0.30	1,521
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	20,000	200	0.001	\$13.00	\$0.01	0.00	0
Thrips	215,000	129,000	0.600	\$5.90	\$3.54	0.20	1,014
Beet Armyworm	2,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	3,000	0	0.000	N/A	\$0.00	0.00	0
European Cornborer	107,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	215,000	0	0.000	N/A	\$0.00	0.60	3,042
Grasshoppers	10,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	115,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	215,000	10,000	0.000	N/A	\$0.00	0.00	0
Banded Winged Whitefly	8,000	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	1,000	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	20,000	10,000	0.047	\$3.50	\$0.16	0.00	0

Percent Lost	5.06
Total Acres	215,000
Total Bales lost	25,656
Bales lost in dollars	\$7,389,017

Est. yield/acre	575
Spray applications	3.703
Cost + loss	\$17,493,267
Cost + loss/acre	\$81.36

	Cost/ Acre
Foliar insecticide	\$25.48
At planting	\$11.39
Bt use fees	\$0.00
Eradication	\$3.75
Scouting	\$6.38
Total	\$47.00