

Table 19b

North Carolina non Bt

Cotton Insect Losses ♦ 2004

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	122,000	116,000	1.902	\$7.25	\$13.79	10.00	18,300
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	122,000	0	0.000	N/A	0.00	0.00	0
Lygus	122,000	11,000	0.090	\$6.50	\$0.59	0.60	1,098
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	12,000	0	0.000	N/A	\$0.00	0.00	0
Thrips	122,000	76,000	0.685	\$5.20	\$3.56	0.10	183
Beet Armyworm	12,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	30,000	3,000	0.025	\$8.50	\$0.21	0.00	5
European Cornborer	61,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	122,000	118,000	1.064	\$7.25	\$7.71	3.20	5,856
Grasshoppers	60,000	20	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	80,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	122,000	14,600	0.120	\$10.00	\$1.20	0.00	0
Banded Winged Whitefly	61,000	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	46,000	2,300	0.019	\$4.00	\$0.08	0.00	0

Percent Lost	13.90
Total Acres	122,000
Total Bales lost	25,442
Bales lost in dollars	\$7,327,411

Est. yield/acre	720
Spray applications	3.904
Cost + loss	\$13,323,881
Cost + loss/acre	\$109.21

	Cost/ Acre
Foliar insecticide	\$27.13
At planting	\$11.51
Bt use fees	\$0.00
Eradication	\$3.75
Scouting	\$6.76
Total	\$49.15