

Table 19a North Carolina Bt 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	575,000	475,000	0.909	\$6.75	\$6.13	1.30	17,629
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	575,000	15,000	0.026	\$5.90	\$0.15	1.20	16,273
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	20,000	200	0.000	\$13.00	\$0.00	0.00	0
Thrips	575,000	340,000	0.591	\$4.50	\$2.66	0.15	2,034
Beet Armyworm	6,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	8,000	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	575,000	20,000	0.035	\$6.25	\$0.22	1.00	13,560
Grasshoppers	120,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	280,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	575,000	28,500	0.050	\$7.50	\$0.37	0.00	0
Banded Winged Whitefly	21,000	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	3,000	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	60,000	30,000	0.052	\$3.50	\$0.18	0.00	0

  

Percent Lost	3.65	Est. yield/acre	610	Cost/ Acre	
Total Acres	575,000	Spray applications	1.663	Foliar insecticide	\$9.72
Total Bales lost	49,496	Cost + loss	\$42,168,185	At planting	\$9.97
Bales lost in dollars	\$14,254,710	Cost + loss/acre	\$73.34	Bt use fees	\$19.10
				Eradication	\$3.75
				Scouting	\$6.00
				Total	\$48.55