

North Carolina *Bt* Varieties

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	645,000	516,000	0.880	\$7.20	\$6.34	0.60	7,095
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	0	0	0.000	N/A	0.00	0.00	0
Lygus	645,000	13,000	0.020	\$5.00	\$0.10	0.00	0
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	120,000	2,400	0.004	\$13.00	\$0.05	0.00	0
Thrips	645,000	641,000	1.391	\$4.80	\$6.68	0.00	0
Beet Armyworm	387,000	39,000	0.060	\$11.00	\$0.67	0.00	0
Fall Armyworm	65,000	0	0.000	N/A	\$0.00	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	645,000	32,000	0.050	\$7.00	\$0.35	0.20	2,365
Grasshoppers	130,000	1,000	0.002	\$9.50	\$0.01	0.00	0
Saltmarsh Caterpillars	320,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	645,000	34,000	0.053	\$11.50	\$0.61	0.00	0
Banded Winged Whitefly	35,000	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	15,000	3,000	0.005	\$9.70	\$0.05	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	160,000	2,500	0.004	\$4.95	\$0.02	0.00	0
Percent Lost	0.80		Est. yield/acre	440			Cost/ Acre
						Foliar insecticide	\$14.86
Total Acres	645,000		Spray applications	2.468		At planting	\$9.44
						Bt use fees	\$19.25
			Cost + loss	\$36,931,645		Eradication	\$3.90
Total Bales lost	9,460					Scouting	\$5.58
Bales lost in dollars	\$2,724,480		Cost + loss/acre	\$57.26		Total	\$53.03