

## South 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	140,000	165,000	1.768	\$8.00	\$14.14	2.00	4,900
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	50,000	0	0.000	N/A	0.00	0.00	0
Lygus	100,000	5,000	0.054	\$7.00	\$0.38	0.71	1,750
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	30,000	10,500	0.150	\$12.00	\$1.80	0.00	0
Thrips	210,000	20,000	0.214	\$6.00	\$1.29	0.00	0
Beet Armyworm	100,000	40,000	0.571	\$13.00	\$7.43	0.71	1,750
Fall Armyworm	42,000	5,000	0.036	\$13.00	\$0.46	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	125,000	85,000	1.214	\$8.00	\$9.71	2.68	6,563
Grasshoppers	50,000	25,000	0.357	\$7.00	\$2.50	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	190,000	10,000	0.143	\$8.50	\$1.21	0.00	0
Banded Winged Whitefly	0	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	10,000	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	10,000	1,000	0.007	\$8.00	\$0.06	0.00	0
Percent Lost	6.11		Est. yield/acre	325			Cost/ Acre
						Foliar insecticide	\$38.98
Total Acres	140,000		Spray applications	4.514		At planting	\$16.00
						Bt use fees	\$20.50
			Cost + loss	\$16,675,700		Eradication	\$5.35
Total Bales lost	14,963					Scouting	\$7.50
Bales lost in dollars	\$4,309,200		Cost + loss/acre	\$119.11		Total	\$88.33