

Table 21a South 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	156,000	109,000	0.908	\$8.00	\$7.27	3.00	9,750
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	15,000	0	0.000	N/A	0.00	0.00	0
Lygus	70,000	10,000	0.064	\$8.00	\$0.51	0.90	2,917
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	10,000	0	0.000	N/A	\$0.00	0.00	0
Thrips	150,000	20,000	0.128	\$6.00	\$0.77	0.00	0
Beet Armyworm	3,000	200	0.001	\$13.00	\$0.02	0.00	0
Fall Armyworm	2,000	200	0.000	N/A	\$0.00	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	120,000	130,000	1.667	\$8.50	\$14.17	3.85	12,500
Grasshoppers	10,000	1,000	0.013	\$8.00	\$0.10	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	70,000	3,000	0.019	\$10.00	\$0.19	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	0	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	2,000	100	0.000	N/A	\$0.00	0.00	0

  

Percent Lost	7.74	Est. yield/acre	800	Cost/ Acre	
Total Acres	156,000	Spray applications	2.801	Foliar insecticide	\$23.03
Total Bales lost	25,167	Cost + loss	\$18,190,200	At planting	\$15.38
Bales lost in dollars	\$7,248,000	Cost + loss/acre	\$116.60	Bt use fees	\$21.00
				Eradication	\$4.00
				Scouting	\$6.73
				Total	\$70.14