

Table 21b South Carolina nonBt 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	61,000	61,000	4.000	\$8.00	\$32.00	8.00	10,167
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	6,000	0	0.000	N/A	0.00	0.00	0
Lygus	30,000	0	0.000	N/A	\$0.00	0.00	0
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	2,000	0	0.000	N/A	\$0.00	0.00	0
Thrips	55,000	8,000	0.131	\$6.00	\$0.79	0.00	0
Beet Armyworm	2,000	300	0.010	\$13.00	\$0.13	0.00	0
Fall Armyworm	800	100	0.000	N/A	\$0.00	0.00	0
European Comborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	30,000	10,000	0.328	\$8.50	\$2.79	0.98	1,250
Grasshoppers	4,000	200	0.007	\$8.00	\$0.05	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	30,000	2,000	0.033	\$10.00	\$0.33	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
Cutwoms	1,000	50	0.001	\$8.00	\$0.01	0.00	0

Percent Lost	8.98
Total Acres	61,000
Total Bales lost	11,417
Bales lost in dollars	\$3,288,000

Est. yield/acre	800
Spray applications	4.509
Cost + loss	\$6,945,900
Cost + loss/acre	\$113.87

	Cost/ Acre
Foliar insecticide	\$36.09
At planting	\$13.11
Bt use fees	\$0.00
Eradication	\$4.00
Scouting	\$6.76
Total	\$59.97