

Table 21 South Carolina Cotton Insect Losses 2006

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	298,000	240,000	0.805	\$10.00	\$8.05	1.00	6,208
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	290,000	0	0.000	N/A	0.00	0.00	0
Lygus	290,000	29,000	0.097	\$7.50	\$0.73	0.97	6,042
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	250,000	29,000	0.097	\$18.00	\$1.75	0.17	1,042
Thrips	298,000	120,000	0.403	\$8.50	\$3.42	0.50	3,104
Beet Armyworm	50,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	180,000	5,000	0.017	\$11.00	\$0.18	0.00	0
European Comborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	298,000	290,000	1.946	\$10.00	\$19.46	3.30	20,488
Grasshoppers	225,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	20,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	298,000	90,000	0.302	\$13.50	\$4.08	0.00	0
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	195,000	0	0.000	N/A	\$0.00	0.00	0
Loopers	240,000	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	150,000	15,000	0.050	\$6.50	\$0.33	0.00	0
Percent Lost	5.94		Est. yield/acre	700			Cost/ Acre
						Foliar insecticide	\$38.01
Total Acres	298,000		Spray applications	3.718		At planting	\$15.00
						Bt use fees	\$9.20
			Cost + loss	\$32,485,000		Eradication	\$3.00
Total Bales lost	36,883					Scouting	\$8.15
Bales lost in dollars	\$10,622,400		Cost + loss/acre	\$109.01		Total	\$73.36