

**Table 21**

Pest	South Carolina			Cotton Insect Losses 2007			
	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	180,000	160,000	1.778	\$10.00	\$17.78	4.50	16,875
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	175,000	0	0.000	N/A	0.00	0.00	0
Lygus	175,000	25,000	0.139	\$8.50	\$1.18	0.00	0
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	160,000	25,000	0.139	\$18.00	\$2.50	0.00	0
Thrips	180,000	100,000	0.556	\$7.00	\$3.89	0.30	1,125
Beet Armyworm	18,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	125,000	30,000	0.167	\$13.00	\$2.17	0.14	521
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	180,000	140,000	0.778	\$10.00	\$7.78	1.00	3,750
Grasshoppers	150,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	18,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	180,000	50,000	0.278	\$12.00	\$3.33	0.00	0
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	90,000	0	0.000	N/A	\$0.00	0.00	0
Loopers	100,000	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	100,000	10,000	0.056	\$5.00	\$0.28	0.00	0

Percent Lost	5.94
Total Acres	180,000
Total Bales lost	22,271
Bales lost in dollars	\$6,414,000

Est. yield/acre	400
Spray applications	3.889
Cost + loss	\$20,303,130
Cost + loss/acre	\$112.80

	Cost/Acre
Foliar insecticide	\$38.90
At planting	\$13.50
Bt use fees	\$14.20
Eradication	\$3.00
Scouting	\$7.56
Total	\$77.16

