

**Table 22**

**South Carolina**

**Cotton Insect Losses - 2013**

<b>Pest</b>	<b>acres infested</b>	<b>acres treated</b>	<b>#apps/ acre trtd</b>	<b>#apps/ tot acres</b>	<b>cost/ acre</b>	<b>%red</b>	<b>Bales lost</b>
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	255,000	153,000	1	0.300	\$2.40	0.75%	5,637
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	229,500	0	0	0.000	\$0.00	0.00%	0
Lygus	255,000	25,500	0	0.010	\$0.00	0.10%	752
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	255,000	51,000	0	0.040	\$0.56	0.10%	752
Thrips	255,000	229,500	1	0.900	\$5.40	1.00%	7,516
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	178,500	12,750	0	0.005	\$0.06	0.07%	526
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	255,000	229,500	2	1.350	\$10.80	1.50%	11,273
Grasshoppers	229,500	7,650	0	0.003	\$0.02	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	255,000	25,500	0	0.010	\$0.09	0.00%	0
Banded Winged Whitefly	178,500	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	25,500	0	0	0.000	\$0.00	0.00%	0
Loopers	12,750	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	5,100	0	0	0.000	\$0.00	0.00%	0
Cutworms	229,500	25,500	0	0.010	\$0.05	0.00%	0
Clouded Plant bugs	5,100	0	0	0.000	\$0.00	0.00%	0
Other Insects 1	0	0	0	0.000	\$0.00	0.00%	0
Other Insects 2	0	0	0	0.000	\$0.00	0.00%	0
Other Insects 3	0	0	0	0.000	\$0.00	0.00%	0
Other Insects 4	0	0	0	0.000	\$0.00	0.00%	0
Other Insects 5	0	0	0	0.000	\$0.00	0.00%	0
				2.628	\$19.38	3.52%	26,455

<b>Yield &amp; Management Results</b>	
Total Acres	255,000
Total bales Harvested	371,875
yield (lbs/acre)	700
Total bales Lost to Insects	26,455
Percent Yield Loss	3.52%
Yield w/o Insects (lbs/ac)	726
Ave. # Spray Applications	2.63
Bales lost all factors	379,691
% yield loss all factors	50.52%

<b>Economic Results</b>	<b>Total</b>	<b>Per Acre</b>
Foliar Insecticides Costs	\$4,942,155	\$19.38
At Planting Costs	\$2,295,000	\$9.00
In-furrow costs	\$382,500	\$1.50
Scouting costs	\$1,338,750	\$5.25
Eradication costs	\$255,000	\$1.00
Transgenic cotton	\$4,531,656	\$17.77
Total Costs	\$13,745,061	\$53.90
Yield Lost to insects	\$9,650,833	\$37.85
Total Losses + Costs	\$23,395,894	\$91.75