

**Table 25**

**Virginia**

**Cotton Insect Losses 2011**

Pest	acres infested	acres treated	#apps/ acre		cost/ acre	%red	Bales lost
			trtd	acres			
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	59,500	76,500	1	0.300	\$2.40	0.00%	0
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	0	0	0	0.000	\$0.00	0.00%	0
Lygus	850	0	0	0.000	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	850	0	0	0.000	\$0.00	0.00%	0
Thrips	85,000	85,000	1	0.840	\$5.88	2.00%	2,625
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	0	0	0	0.000	\$0.00	0.00%	0
European Comborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	51,000	63,750	1	0.150	\$1.20	0.00%	0
Grasshoppers	9	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	0	0	0	0.000	\$0.00	0.00%	0
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0	0.000	\$0.00	0.00%	0
Loopers	0	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0	0.000	\$0.00	0.00%	0
Other 1	0	0	0	0.000	\$0.00	0.00%	0
				1.290	\$9.48	2.00%	2,625

Yield & Management Results	
Total Acres	85,000
Total bales Harvested	132,813
yield ( bs/acre)	750
Total bales Lost to Insects	2,625
Percent Yield Loss	2.00%
Yield w/o Insects (lbs/ac)	765
Ave. # Spray Applications	1.29
Bales lost all factors	29,219
% yield loss all factors	21.00%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$805,800	\$9.48
At Planting Costs	\$1,275,000	\$15.00
In-furrow costs	\$124,950	\$1.47
Scouting costs	\$57,800	\$0.68
Eradication costs	\$276,250	\$3.25
Transgenic cotton	\$1,368,216	\$16.10
Total Costs	\$3,908,016	\$45.98
Yield Lost to insects	\$1,197,000	\$14.08
Total Losses + Costs	\$5,105,016	\$60.06