

Table 25

Virginia

Cotton Insect Losses - 2013

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	70,975	41,750	1	0.500	\$4.00	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	835	0	0	0.000	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	0	0	0	0.000	\$0.00	0.00%	0
Thrips	83,500	83,500	1	1.000	\$8.00	0.50%	988
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 Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	41,750	41,750	1	0.500	\$2.75	0.75%	1,483
Grasshoppers	0	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 (Bemisia)	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
Other 2	0	0	0	0.000	\$0.00	0.00%	0
Other 3	0	0	0	0.000	\$0.00	0.00%	0
Other 4	0	0	0	0.000	\$0.00	0.00%	0
Other 5	0	0	0	0.000	\$0.00	0.00%	0
				2.000	\$14.75	1.25%	2,471

Yield & Management Results	
Total Acres	83,500
Total bales Harvested	173,958
yield (lbs/acre)	1,000
Total bales Lost to Insects	2,471
Percent Yield Loss	1.25%
Yield w/o Insects (lbs/ac)	1,013
Ave. # Spray Applications	2.00
Bales lost all factors	23,722
% yield loss all factors	11.3%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$1,231,625	\$14.75
At Planting Costs	\$1,085,500	\$13.00
In-furrow costs	\$15,030	\$0.18
Scouting costs	\$85,000	\$1.02
Eradication costs	\$41,750	\$0.50
Transgenic cotton	\$1,377,750	\$16.50
Total Costs	\$3,836,655	\$45.95
Yield Lost to insects	\$877,699	\$10.51
Total Losses + Costs	\$4,714,354	\$56.46