

Table 25

Virginia Summary

Cotton Insect Losses 2012

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	72,250	85,000	1	1.000	\$8.00	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	0	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	85,000	85,000	1	1.000	\$8.00	1.00%	2,304
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	85,000	68,000	1	0.800	\$6.40	1.00%	2,304
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	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
				2.800	\$22.40	2.00%	4,608

Yield & Management Results

Total Acres	85,000
Total bales Harvested	191,250
yield (lbs/acre)	1,080
Total bales Lost to Insects	4,608
Percent Yield Loss	2.00%
Yield w/o Insects (lbs/ac)	1,102
Ave. # Spray Applications	2.80
Bales lost all factors	39,172
% yield loss all factors	17.00%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$1,904,000	\$22.40
At Planting Costs	\$1,105,000	\$13.00
In-furrow costs	\$12,750	\$0.15
Scouting costs	\$108,375	\$1.28
Eradication costs	\$42,500	\$0.50
Transgenic cotton	\$1,384,820	\$16.29
Total Costs	\$4,557,445	\$53.62
Yield Lost to insects	\$1,659,036	\$19.52
Total Losses + Costs	\$6,216,481	\$73.14