

Table 25

Virginia Summary

Cotton Insect Losses 2010

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	24,600	24,600	1.0	0.300	\$2.40	0.00%	0
Pink Bollworm	0	0	0.0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	0	0	0.0	0.000	\$0.00	0.00%	0
Lygus	0	0	0.0	0.000	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0.0	0.000	\$0.00	0.00%	0
Spider Mites	20,500	0	0.0	0.000	\$0.00	0.00%	0
Thrips	82,000	82,000	1.0	1.000	\$7.00	1.00%	1,755
Beet Armyworm	0	0	0.0	0.000	\$0.00	0.00%	0
Fall Armyworm	0	0	0.0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0.0	0.000	\$0.00	0.00%	0
Stink Bugs	8,200	0	1.0	0.000	\$0.00	0.00%	0
Grasshoppers	8	0	0.0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.000	\$0.00	0.00%	0
Aphids	0	0	0.0	0.000	\$0.00	0.00%	0
Banded Winged Whitefly	0	0	0.0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	0	0	0.0	0.000	\$0.00	0.00%	0
Loopers	0	0	0.0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0.0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0.0	0.000	\$0.00	0.00%	0
Other Insects 1	0	0	0.0	0.000	\$0.00	0.00%	0
Other Insects 2	0	0	0.0	0.000	\$0.00	0.00%	0
Other Insects 3	0	0	0.0	0.000	\$0.00	0.00%	0
Other Insects 4	0	0	0.0	0.000	\$0.00	0.00%	0
				1.300	9.4	1.00%	1,755

Yield & Management Results

Total Acres	82,000
Total bales Harvested	129,833
yield (lbs/acre)	760
Total bales Lost to Insects	1,755
Percent Yield Loss	1.00%
Yield w/o Insects (lbs/ac)	768
Ave. # Spray Applications	1.300
Bales lost all factors	33,757
% yield loss all factors	26.00%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$770,800	\$9.40
At Planting Costs	\$430,500	\$5.25
In-furrow costs	\$522,340	\$6.37
Scouting costs	\$34,850	\$0.43
Eradication costs	\$266,500	\$3.25
Transgenic cotton	\$1,041,400	\$12.70
Total Costs	\$3,066,390	\$37.40
Yield Lost to insects	\$547,405	\$6.68
Total Losses + Costs	\$3,613,795	\$44.07