

Table 25

Virginia Summary

Cotton Insect Losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	8,500	12,750	1	0.15	\$1.20	0.000%	0
Beet Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Loopers	0	0	0	0.00	\$0.00	0.000%	0
Cutworms	0	0	0	0.00	\$0.00	0.000%	0
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	0	0	0	0.00	\$0.00	0.000%	0
Lygus	12,750	17,000	1	0.20	\$1.60	0.000%	0
Stink Bugs	59,500	42,500	1	0.50	\$4.00	1.400%	2,521
Clouded Plant bugs	0	0	0	0.00	\$0.00	0.000%	0
Brown Stink bug	0	0	0	0.00	\$0.00	0.000%	0
Bagrada Bugs	0	0	0	0.00	\$0.00	0.000%	0
Leaf footed bugs	0	0	0	0.00	\$0.00	0.000%	0
Spider Mites	0	0	0	0.00	\$0.00	0.000%	0
Thrips	85,000	68,000	1	0.80	\$6.40	2.000%	3,601
Aphids	0	0	0	0.00	\$0.00	0.000%	0
Grasshoppers	0	0	0	0.00	\$0.00	0.000%	0
Banded Winged Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetles	0	0	0	0.00	\$0.00	0.000%	0
Mealybugs	0	0	0	0.00	\$0.00	0.000%	0
Crickets	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevils	0	0	0	0.00	\$0.00	0.000%	0
				1.50	\$12.00	3.40%	6,122

Yield & Management Results	
Total Acres	85,000
Total bales Harvested	150,521
yield (lbs/acre)	850
Total bales Lost to Insects	6,122
Percent Yield Loss	3.40%
Yield w/o Insects (lbs/ac)	880
Ave. # Spray Applications	1.65
Bales lost all factors	29,528
% yield loss all factors	16.40%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$1,122,000	\$13.20
At Planting Costs	\$1,105,000	\$13.00
In-furrow costs	\$153,000	\$1.80
Scouting costs	\$86,700	\$1.02
Eradication costs	\$42,500	\$0.50
Transgenic cotton	\$1,224,000	\$14.40
Total Costs	\$3,733,200	\$43.92
Yield Lost to insects	\$1,792,422	\$21.09
Total Losses + Costs	\$5,525,622	\$65.01