

Table 24d

Texas Wintergarden

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	35,000	0	0.0	0.000	\$0.00	0.00%	0
Pink Bollworm	0	0	0.0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	35,000	35,000	2.0	2.000	\$12.00	1.20%	1,435
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	35,000	26,250	1.1	0.803	\$11.24	1.40%	1,674
Thrips	35,000	5,250	1.2	0.180	\$0.72	0.05%	60
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	5,250	2,450	1.0	0.070	\$0.63	0.17%	197
Grasshoppers	0	0	0.0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.000	\$0.00	0.00%	0
Aphids	35,000	17,500	1.0	0.500	\$4.50	1.00%	1,196
Banded Winged Whitefly	0	0	0.0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	29,750	10,500	0.0	0.000	\$0.00	0.21%	254
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
Creontiades (green mirid)	0	0	0.0	0.000	\$0.00	0.00%	0
Cotton square borer	0	0	0.0	0.000	\$0.00	0.00%	0
Other 3	0	0	0.0	0.000	\$0.00	0.00%	0
Other 4	0	0	0.0	0.000	\$0.00	0.00%	0
				3.553	\$29.09	4.03%	4,816

Yield & Management Results

Total Acres	35,000
Total bales Harvested	109,375
yield (lbs/acre)	1,500
Total bales Lost to Insects	4,816
Percent Yield Loss	4.03%
Yield w/o Insects (lbs/ac)	1563
Ave. # Spray Applications	3.553
Bales lost all factors	10,196
% yield loss all factors	8.53%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$1,017,975	\$29.09
At Planting Costs	\$453,600	\$12.96
In-furrow costs	\$0	\$0.00
Scouting costs	\$220,675	\$6.31
Eradication costs	\$809,900	\$23.14
Transgenic cotton	\$215,552	\$6.16
Total Costs	\$2,717,702	\$77.65
Yield Lost to insects	\$1,849,244	\$52.84
Total Losses + Costs	\$4,566,946	\$130.48