

**Table 24d**

**Texas Wintergarden**

**Cotton Insect Losses 2009**

Pest	acres infested	acres treated	#apps/ acre		cost/ acre	%red	Bales lost
			trtd	#apps/ tot acres			
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	17,158	1,716	1.0	0.10	\$1.40	0.50%	354
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	1,716	0	0.0	0.00	\$0.00	0.00%	0
Lygus	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	8,579	2,574	1.0	0.15	\$3.54	0.50%	354
Thrips	10,295	0	0.0	0.00	\$0.00	0.00%	0
Beet Armyworm	343	0	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	0	0	0.0	0.00	\$0.00	0.00%	0
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	858	0	0.0	0.00	\$0.00	0.00%	0
Grasshoppers	172	0	0.0	0.00	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	17,158	3,432	1.0	0.20	\$4.20	0.50%	354
Banded Winged Whitefly	0	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	515	515	1.0	0.03	\$0.66	0.03%	21
Loopers	515	0	0.0	0.00	\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	0	0	0.0	0.00	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0.0	0.00	\$0.00	0.00%	0
Green Mirid	16,300	15,443	1.0	0.90	\$21.24	1.43%	1,008
				1.38	\$31.04	2.96%	2089

Yield & Management Results	
Total Acres	17158*
Total bales Harvested	50,939
Yield (lbs/acre)	1425
Total bales Lost to Insects	2,089
Percent Yield Loss	2.96%
Yield w/o Insects (lbs/acre)	1,468
Ave. # Spray Applications	1.380
Yield loss to all factors	19,765
% Yield loss to all factors	28.0%

Failed Acres\*

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Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$532,597	\$31.04
At Planting Costs	\$184,968	\$10.78
Scouting costs	\$153,954	\$8.97
Eradication costs	\$227,349	\$13.25
Transgenic cotton	\$156,389	\$9.11
Total Costs	\$1,255,255	\$73.16
Yield Lost to insects	\$651,866	\$37.99
Total Losses + Costs	\$1,907,122	\$111.15