

**Table 24e**

**Texas Blacklands**

**Cotton Insect Losses 2009**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	27,765	27,765	2.5	0.68	\$0.00	0.14%	263
Bollworm/Budworm	5,142	5,142	1.0	0.05	\$0.45	0.08%	146
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	102,833	102,833	1.5	1.50	\$9.00	1.50%	2,922
Lygus	1	0	0.0	0.00	\$0.00	0.00%	0
Cotton Leaf Perforator	1	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	1	0	0.0	0.00	\$0.00	0.00%	0
Thrips	102,833	102,833	1.0	1.00	\$3.00	2.00%	3,896
Beet Armyworm	0	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	0	0	0.0	0.00	\$0.00	0.00%	0
Grasshoppers	10	0	0.0	0.00	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	0	0	0.0	0.00	\$0.00	0.00%	0
Banded Winged Whitefly	0	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	1	0	0.0	0.00	\$0.00	0.00%	0
Loopers	0	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
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
				3.23	\$12.45	3.71%	7227

Yield & Management Results	
Total Acres	102,833
Total bales Harvested	96,406
Yield (lbs/acre)	450
Total bales Lost to Insects	7,227
Percent Yield Loss	3.71%
Yield w/o Insects (lbs/acre)	467
Ave. # Spray Applications	3.225
Yield loss to all factors	98,397
% Yield loss to all factors	50.5%

Failed Acres\*  
374

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$1,280,278	\$12.45
At Planting Costs	\$874,081	\$8.50
Scouting costs	\$257,083	\$2.50
Eradication costs	\$1,362,537	\$13.25
Transgenic cotton	\$1,639,177	\$15.94
Total Costs	\$5,413,155	\$52.64
Yield Lost to insects	\$2,254,881	\$21.93
Total Losses + Costs	\$7,668,036	\$74.57