

**Table 24h**

**Texas Panhandle**

**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	73,472	0	0.0	0.00	\$0.00	0.14%	918
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	8,164	8,164	0.0	0.00	\$0.00	0.00%	17
Lygus	16,327	16,327	1.0	0.10	\$0.65	0.01%	34
Cotton Leaf Perforator	2	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	2	0	0.0	0.00	\$0.00	0.00%	0
Thrips	163,272	122,454	1.5	1.13	\$3.94	0.01%	68
Beet Armyworm	0	0	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	16,327	0	0.0	0.00	\$0.00	0.00%	0
European Cornborer	653	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	0	0	0.0	0.00	\$0.00	0.00%	0
Grasshoppers	16	0	0.0	0.00	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	57,145	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)	0	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
				1.23	\$4.59	0.15%	1038

Yield & Management Results	
Total Acres	163272*
Total bales Harvested	267,018
Yield (lbs/acre)	785
Total bales Lost to Insects	1,038
Percent Yield Loss	0.15%
Yield w/o Insects (lbs/acre)	786
Ave. # Spray Applications	1.225
Yield loss to all factors	413,326
% Yield loss to all factors	60.75%

Failed Acres\*  
6,078

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$749,011	\$4.59
At Planting Costs	\$1,306,176	\$8.00
Scouting costs	\$734,724	\$4.50
Eradication costs	\$1,178,824	\$7.22
Transgenic cotton	\$342,218	\$2.10
Total Costs	\$4,310,953	\$26.40
Yield Lost to insects	\$323,707	\$1.98
Total Losses + Costs	\$4,634,660	\$28.39