

Table 24g

Texas Trans-Pecos

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	1,467	978	1.0	0.03	\$0.22	0.05%	44
Pink Bollworm	17,600	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	652	0	0.0	0.00	\$0.00	0.00%	0
Lygus	6,193	815	1.0	0.03	\$0.20	0.00%	0
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	0	0	0.0	0.00	\$0.00	0.00%	0
Thrips	22,815	163	1.0	0.01	\$0.02	0.01%	7
Beet Armyworm	8,148	717	1.0	0.02	\$0.29	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	652	652	1.0	0.02	\$0.10	0.01%	10
Grasshoppers	0	0	0.0	0.00	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	\$0.00	0.00%	0
Aphids	1,630	326	1.0	0.01	\$0.07	0.00%	0
Banded Winged Whitefly	0	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	10,756	1,043	1.0	0.03	\$0.42	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
				0.14	\$1.30	0.06%	61

Yield & Management Results	
Total Acres	32593*
Total bales Harvested	72,996
Yield (lbs/acre)	1075
Total bales Lost to Insects	61
Percent Yield Loss	0.06%
Yield w/o Insects (lbs/acre)	1,076
Ave. # Spray Applications	0.144
Yield loss to all factors	24,673
% Yield loss to all factors	25.3%

Failed Acres*
293

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$42,518	\$1.30
At Planting Costs	\$35,853	\$1.10
Scouting costs	\$97,780	\$3.00
Eradication costs	\$651,868	\$20.00
Transgenic cotton	\$510,523	\$15.66
Total Costs	\$1,338,542	\$41.07
Yield Lost to insects	\$18,893	\$0.58
Total Losses + Costs	\$1,357,435	\$41.65