

**Table 24f**

**Texas Permian Basin**

**Cotton Insect Losses 2009**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	19,197	3,839	1.0	0.01	\$0.08	0.01%	31
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	191,970	19,197	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	0	0	0.0	0.00	\$0.00	0.00%	0
Thrips	383,940	3,839	1.0	0.01	\$0.03	0.00%	0
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	153,576	38,394	1.0	0.10	\$0.60	0.20%	1,224
Grasshoppers	38	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)	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
				0.12	\$0.71	0.21%	1255

Yield & Management Results	
Total Acres	383,940
Total bales Harvested	359,943
Yield (lbs/acre)	450
Total bales Lost to Insects	1,255
Percent Yield Loss	0.21%
Yield w/o Insects (lbs/acre)	451
Ave. # Spray Applications	0.120
Yield loss to all factors	252,268
% Yield loss to all factors	41.2%

Failed Acres  
62,808

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$272,597	\$0.71
At Planting Costs	\$84,467	\$0.22
Scouting costs	\$23,036	\$0.06
Eradication costs	\$2,687,577	\$7.00
Transgenic cotton	\$3,796,586	\$9.89
Total Costs	\$6,864,262	\$17.88
Yield Lost to insects	\$391,570	\$1.02
Total Losses + Costs	\$7,255,832	\$18.90