

**Table 24f**

**Texas Trans-Pecos**

**Cotton Insect Losses 2011**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot		%red	Bales lost
				acres	cost/ acre		
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	27,145	5,817	1	0.150	\$1.65	0.14%	144
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	34,900	7,756	1	0.200	\$1.60	0.05%	46
Lygus	12,797	0	1	0.000	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	0	0	0	0.000	\$0.00	0.00%	0
Thrips	38,778	36,839	2	1.425	\$9.12	0.20%	206
Beet Armyworm	7,756	1,939	1	0.050	\$0.75	0.00%	0
Fall Armyworm	0	0	0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	5,817	0	0	0.000	\$0.00	0.00%	0
Grasshoppers	7,756	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	9,695	0	1	0.000	\$0.00	0.00%	0
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0	0.000	\$0.00	0.00%	0
Loopers	9,695	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0	0.000	\$0.00	0.00%	0
Crenotiades (green mirid)	0	0	0	0.000	\$0.00	0.00%	0
Cotton Square Borer	0	0	0	0.000	\$0.00	0.00%	0
				1.825	\$13.12	0.39%	396

**Economic Results**

<b>Yield &amp; Management Results</b>	
Total Acres	38,778
Total bales Harvested	86,847
yield (lbs/acre)	1,075
Total bales Lost to Insects	396
Percent Yield Loss	0.39%
Yield w/o Insects (lbs/ac)	1,079
Ave. # Spray Applications	1.83
Bales lost all factors	16,034
% yield loss all factors	15.59%

	Total	Per Acre
Foliar Insecticides Costs	\$508,767	\$13.12
At Planting Costs	\$339,308	\$8.75
In-furrow costs	\$76,005	\$1.96
Scouting costs	\$151,234	\$3.90
Eradication costs	\$387,780	\$10.00
Transgenic cotton	\$130,251	\$3.36
Total Costs	\$1,593,345	\$41.09
Yield Lost to insects	\$190,123	\$4.90
Total Losses + Costs	\$1,783,468	\$45.99

