

**Table 24e**

**Texas Permian Basin**

**Cotton Insect Losses 2011**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot		cost/ acre	%red	Bales lost
				acres				
Boll Weevil	0	0	0	0.000		\$0.00	0.00%	0
Bollworm/Budworm	1,465	0	0	0.000		\$0.00	0.00%	0
Pink Bollworm	0	0	0	0.000		\$0.00	0.00%	0
Cotton Fleahopper	14,650	0	0	0.000		\$0.00	0.00%	0
Lygus	0	0	0	0.000		\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0	0.000		\$0.00	0.00%	0
Spider Mites	1,465	1,465	1	0.010		\$0.10	0.01%	39
Thrips	139,175	1,465	1	0.010		\$0.06	0.00%	0
Beet Armyworm	0	0	0	0.000		\$0.00	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	0	0	1	0.000		\$0.00	0.00%	0
Grasshoppers	0	0	0	0.000		\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000		\$0.00	0.00%	0
Aphids	7,325	0	0	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	0	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
				0.020		\$0.16	0.010%	39

**Economic Results**

<b>Yield &amp; Management Results</b>	
Total Acres	146,500
Total bales Harvested	244,167
yield (lbs/acre)	800
Total bales Lost to Insects	39
Percent Yield Loss	0.01%
Yield w/o Insects (lbs/ac)	800
Ave. # Spray Applications	0.020
Bales lost all factors	146,563
% yield loss all factors	37.5%

	Total	Per Acre
Foliar Insecticides Costs	\$23,440	\$0.16
At Planting Costs	\$336,950	\$2.30
In-furrow costs	\$0	\$0.00
Scouting costs	\$43,950	\$0.30
Eradication costs	\$293,000	\$2.00
Transgenic cotton	\$962,556	\$6.57
Total Costs	\$1,659,896	\$11.33
Yield Lost to insects	\$15,942	\$0.11
Total Losses + Costs	\$1,675,838	\$11.44

