

Table 24g

Texas Trans-Pecos

Cotton Insect Losses 2010

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	25,080	1,520	1.0	0.040	\$0.56	0.99%	882
Pink Bollworm	17,480	0	0.0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	1,140	0	0.0	0.000	\$0.00	0.00%	1
Lygus	1,900	380	1.0	0.010	\$0.08	0.03%	22
Cotton Leaf Perforator	0	0	0.0	0.000	\$0.00	0.00%	0
Spider Mites	0	0	0.0	0.000	\$0.00	0.00%	0
Thrips	1,900	190	1.0	0.005	\$0.03	0.00%	0
Beet Armyworm	1,140	380	0.0	0.000	\$0.00	0.02%	13
Fall Armyworm	0	0	0.0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0.0	0.000	\$0.00	0.00%	0
Stink Bugs	11,400	5,700	1.0	0.150	\$1.80	0.30%	267
Grasshoppers	0	0	0.0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.000	\$0.00	0.00%	0
Aphids	5,700	760	1.0	0.020	\$0.18	0.08%	67
Banded Winged Whitefly	0	0	0.0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	950	0	1.0	0.000	\$0.00	0.00%	0
Loopers	0	0	0.0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0.0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0.0	0.000	\$0.00	0.00%	0
Creontiades (green mirid)	0	0	0.0	0.000	\$0.00	0.00%	0
Cotton square borer	0	0	0.0	0.000	\$0.00	0.00%	0
Other 3	0	0	0.0	0.000	\$0.00	0.00%	0
Other 4	0	0	0.0	0.000	\$0.00	0.00%	0
				0.225	\$2.64	1.41%	1,253

Yield & Management Results

Total Acres	38,000
Total bales Harvested	85,104
yield (lbs/acre)	1,075
Total bales Lost to Insects	1,253
Percent Yield Loss	1.41%
Yield w/o Insects (lbs/ac)	1090
Ave. # Spray Applications	0.225
Bales lost all factors	4,015
% yield loss all factors	4.51%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$100,434	\$2.64
At Planting Costs	\$41,800	\$1.10
In-furrow costs	\$74,480	\$1.96
Scouting costs	\$114,000	\$3.00
Eradication costs	\$760,000	\$20.00
Transgenic cotton	\$148,116	\$3.90
Total Costs	\$1,238,830	\$32.60
Yield Lost to insects	\$481,331	\$12.67
Total Losses + Costs	\$1,720,161	\$45.27