

Table 24h

Texas Panhandle

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	532,000	114,000	1.0	0.150	\$1.65	0.14%	2,363
Pink Bollworm	0	0	0.0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	684,000	152,000	1.0	0.200	\$1.60	0.05%	760
Lygus	250,800	0	1.0	0.000	\$0.00	0.00%	0
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	760,000	722,000	1.5	1.425	\$9.12	0.20%	3,376
Beet Armyworm	152,000	38,000	1.0	0.050	\$0.75	0.00%	0
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	114,000	0	0.0	0.000	\$0.00	0.00%	0
Grasshoppers	152,000	0	0.0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.000	\$0.00	0.00%	0
Aphids	190,000	0	1.0	0.000	\$0.00	0.00%	0
Banded Winged Whitefly	0	0	0.0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	0	0	0.0	0.000	\$0.00	0.00%	0
Loopers	190,000	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 Insects 3	0	0	0.0	0.000	\$0.00	0.00%	0
Other Insects 4	0	0	0.0	0.000	\$0.00	0.00%	0
				1.825	\$13.12	0.39%	6,499

Yield & Management Results

Total Acres	760,000
Total bales Harvested	1,425,000
yield (lbs/acre)	900
Total bales Lost to Insects	6,499
Percent Yield Loss	0.39%
Yield w/o Insects (lbs/ac)	903
Ave. # Spray Applications	1.825
Bales lost all factors	263,089
% yield loss all factors	15.59%

Economis Results

	Total	Per Acre
Foliar Insecticides Costs	\$9,971,200	\$13.12
At Planting Costs	\$6,650,000	\$8.75
In-furrow costs	\$1,489,600	\$1.96
Scouting costs	\$2,964,000	\$3.90
Eradication costs	\$4,666,400	\$6.14
Transgenic cotton	\$4,130,304	\$5.43
Total Costs	\$29,871,504	\$39.30
Yield Lost to insects	\$2,495,670	\$3.28
Total Losses + Costs	\$32,367,174	\$42.59