

Table 24g

Texas Panhandle

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	37,299	2,487	1	0.010	\$0.07	0.08%	535
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	119,356	2,487	1	0.010	\$0.06	0.02%	171
Lygus	99,463	2,487	1	0.010	\$0.06	0.02%	143
Cotton Leaf Perforator	2	0	0	0.000	\$0.00	0.00%	0
Spider Mites	109,410	0	0	0.000	\$0.00	0.00%	0
Thrips	248,658	94,490	2	0.570	\$2.00	0.02%	143
Beet Armyworm	186,494	9,946	1	0.040	\$0.50	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	0	0.000	\$0.00	0.00%	0
Grasshoppers	25	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	9,946	0	0	0.000	\$0.00	0.00%	0
Aphids	196,440	4,973	1	0.020	\$0.15	0.00%	0
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	2	0	0	0.000	\$0.00	0.00%	0
Loopers	72,111	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
				0.660	\$2.83	0.139%	992

Economic Results

Yield & Management Results	
Total Acres	248,658
Total bales Harvested	323,773
yield (lbs/acre)	625
Total bales Lost to Insects	992
Percent Yield Loss	0.139%
Yield w/o Insects (lbs/ac)	626
Ave. # Spray Applications	0.66
Bales lost all factors	389,997
% yield loss all factors	54.6%

	Total	Per Acre
Foliar Insecticides Costs	\$704,697	\$2.83
At Planting Costs	\$2,486,580	\$10.00
In-furrow costs	\$1,705,794	\$6.86
Scouting costs	\$1,268,156	\$5.10
Eradication costs	\$372,987	\$1.50
Transgenic cotton	\$1,916,705	\$7.71
Total Costs	\$8,454,919	\$34.00
Yield Lost to insects	\$404,794	\$1.63
Total Losses + Costs	\$8,859,712	\$35.63

