

Table 22h

Texas Far West

Cotton Insect Losses 2008

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.00	0.000	\$0.00	0.000%	0
Bollworm/Budworm	2,502	1,642	1.00	0.021	\$0.29	0.003%	5
Pink Bollworm	4,769	4,769	2.00	0.122	\$1.22	0.003%	4
Cotton Fleahopper	17,592	1,642	1.00	0.021	\$0.17	0.016%	23
Lygus	860	235	1.00	0.003	\$0.13	0.001%	2
Cotton Leaf Perforator	0	0	0.00	0.000	\$0.00	0.000%	0
Spider Mites	0	0	0.00	0.000	\$0.00	0.000%	0
Thrips	30,961	0	0.00	0.000	\$0.00	0.000%	0
Beet Armyworm	0	0	0.00	0.000	\$0.00	0.000%	0
Fall Armyworm	0	0	0.00	0.000	\$0.00	0.000%	0
European Cornborer	0	0	0.00	0.000	\$0.00	0.000%	0
Stink Bugs	18,843	391	1.00	0.005	\$0.06	0.002%	3
Grasshoppers	8	0	0.00	0.000	\$0.00	0.000%	0
Saltmarsh Caterpillars	0	0	0.00	0.000	\$0.00	0.000%	0
Aphids	469	235	1.00	0.003	\$0.03	0.000%	0
Banded Winged Whitefly	0	0	0.00	0.000	\$0.00	0.000%	0
Silverleaf Whitefly (Bemesia)	1,564	313	1.00	0.004	\$0.05	0.002%	3
Loopers	0	0	0.00	0.000	\$0.00	0.000%	0
Southern Armyworms	0	0	0.00	0.000	\$0.00	0.000%	0
Cutworms	0	0	0.00	0.000	\$0.00	0.000%	0
Clouded Plant bugs	0	0	0.00	0.000	\$0.00	0.000%	0
Other Insects	0	0	0.00	0.000	\$0.00	0.000%	0

## Yield &amp; Management Results

Total Acres	78,185
Total bales Harvested	138,453
Yield (lbs/acre)	850
Total bales Lost to Insects	39
Percent Yield Loss	0.028%
Yield w/o Insects (lbs/acre)	850
Ave. # Spray Applications	0.179
Yield loss to all factors	4,468
% Yield loss to all factors	3.127%

## Economic Results

	Total	Per Acre
Foliar Insecticides - costs	\$152,730	\$1.95
At Planting Costs	\$562,932	\$7.20
Scouting costs	\$3,909	\$0.05
Eradication costs	\$589,468	\$7.54
Transgenic cotton	\$530,610	\$6.79
Total Costs	\$1,839,650	\$23.53
Yield Lost to insects	\$12,267	\$0.16
Total Losses + Costs	\$1,851,917	\$23.69