

**Table 24**

**Texas**

**Cotton Insect Losses 2009**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot		%red	Bales lost
				acres	cost/ acre		
Boll Weevil	93,447	27,902	2.49	0.02	\$0.00	0.004%	400
Bollworm/Budworm	1,084,123	60,618	1.10	0.02	\$0.14	0.078%	7,282
Pink Bollworm	70,126	0	0.00	0.00	\$0.00	0.000%	0
Cotton Fleahopper	1,103,565	404,085	1.23	0.13	\$0.83	0.045%	4,259
Lygus	1,499,216	37,043	1.00	0.01	\$0.07	0.036%	3,400
Cotton Leaf Perforator	1,550	0	0.00	0.00	\$0.00	0.000%	0
Spider Mites	368,929	20,968	1.13	0.01	\$0.07	0.014%	1,340
Thrips	3,769,331	667,616	1.22	0.21	\$0.84	0.888%	83,227
Beet Armyworm	325,649	717	1.00	0.00	\$0.00	0.000%	0
Fall Armyworm	517,028	4,141	1.65	0.00	\$0.02	0.044%	4,093
European Cornborer	653	0	0.00	0.00	\$0.00	0.000%	0
Stink Bugs	467,466	49,872	1.00	0.01	\$0.08	0.025%	2,310
Grasshoppers	105,288	0	0.00	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillars	127,609	0	0.00	0.00	\$0.00	0.000%	0
Aphids	1,133,020	53,412	1.09	0.02	\$0.12	0.003%	251
Banded Winged Whitefly	213,197	1,547	1.00	0.00	\$0.00	0.000%	0
Silverleaf Whitefly (Bemesia)	15,830	6,115	1.00	0.00	\$0.02	0.000%	13
Loopers	275,652	0	0.00	0.00	\$0.00	0.000%	0
Southern Armyworms	0	0	0.00	0.00	\$0.00	0.000%	0
Cutworms	9,101	3,093	1.00	0.00	\$0.01	0.000%	0
Clouded Plant bugs	2,003	0	0.00	0.00	\$0.00	0.000%	0
Crenotiades (green mirid)	61,473	50,521	1.27	0.02	\$0.20	0.007%	667
				0	\$2.41	1.145%	107243

Yield & Management Results	
Total Acres	3,785,972
Total bales Harvested	5,011,702
Yield (lbs/acre)	635
Total bales Lost to Insects	107,243
Percent Yield Loss	1.14%
Yield w/o Insects (lbs/acre)	643
Ave. # Spray Applications	0.449
Yield loss to all factors	4,357,789
% Yield loss to all factors	46.5%

Failed Acres\*  
1,190,737

\* Failed Acres were planted but never made it to stand not included in total acres

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$9,116,434	\$2.41
At Planting Costs	\$17,956,650	\$4.74
Scouting costs	\$9,709,513	\$2.56
Eradication costs	\$18,262,530	\$4.82
Transgenic cotton	\$29,349,741	\$7.75
Total Costs	\$84,394,869	\$22.29
Yield Lost to insects	\$33,459,807	\$8.84
Total Losses + Costs	\$117,854,676	\$31.13