

**Table 22**

**Texas Summary**

**Cotton Insect Losses 2008**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	194,778	1,000	2.00	0.001	\$0.01	0.001%	63
Bollworm/Budworm	2,125,783	359,418	7.20	0.760	\$6.12	0.269%	25,147
Pink Bollworm	7,277	4,770	2.00	0.003	\$0.03	0.000%	4
Cotton Fleahopper	1,481,639	650,831	8.70	1.664	\$11.74	0.139%	7,774
Lygus	1,346,339	34,884	4.00	0.041	\$0.29	0.001%	119
Cotton Leaf Perforator	14,998	0	0.00	0.000	\$0.00	0.000%	0
Spider Mites	869,845	56,086	5.00	0.082	\$0.72	0.002%	103
Thrips	3,017,248	687,013	6.70	1.352	\$7.15	0.035%	3,475
Beet Armyworm	1,287,520	42,976	2.00	0.025	\$0.32	0.016%	1,753
Fall Armyworm	199,821	3,999	1.00	0.001	\$0.01	0.000%	0
European Cornborer	0	0	0.00	0.000	\$0.00	0.000%	0
Stink Bugs	596,533	156,616	4.00	0.184	\$1.40	0.011%	814
Grasshoppers	53,537	0	0.00	0.000	\$0.00	0.000%	0
Saltmarsh Caterpillars	226,178	0	0.00	0.000	\$0.00	0.000%	0
Aphids	1,892,616	238,665	6.00	0.421	\$2.93	0.014%	978
Banded Winged Whitefly	74,979	0	0.00	0.000	\$0.00	0.000%	0
Silverleaf Whitefly (Bemesia)	11,581	313	1.00	0.000	\$0.00	0.000%	3
Loopers	366,125	0	0.00	0.000	\$0.00	0.000%	0
Southern Armyworms	0	0	0.00	0.000	\$0.00	0.000%	0
Cutworms	179,948	14,996	1.00	0.004	\$0.03	0.000%	0
Clouded Plant bugs	0	0	0.00	0.000	\$0.00	0.000%	0
<i>Crenotiades</i> (green mired)	94,973	9,997	2.00	0.006	\$0.04	0.000%	25

Yield & Management Results	
Total Acres	3,403,440
Total bales Harvested	4,414,899
Yield (lbs/acre)	623
Total bales Lost to Insects	40,259
Percent Yield Loss	0.489%
Yield w/o Insects (lbs/acre)	626
Ave. # Spray Applications	4.545
Yield loss to all factors	5,548,546
% Yield loss to all factors	55.69%

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$104,843,800	\$30.81
At Planting Costs	\$15,351,852	\$4.51
Scouting costs	\$10,661,006	\$3.13
Eradication costs	\$76,577,409	\$22.50
Transgenic cotton	\$21,931,015	\$6.44
Total Costs	\$229,365,082	\$67.39
Yield Lost to insects	\$12,560,888	\$3.69
Total Losses + Costs	\$241,925,970	\$71.08