

Table 24

Texas Summary

Cotton Insect Losses 2010

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	115,420	25,920	1.00	0.00	\$0.01	0.000%	0
Bollworm/Budworm	4,535,080	412,112	1.13	0.09	\$0.94	1.452%	165,659
Pink Bollworm	82,480	0	0.00	0.00	\$0.00	0.000%	0
Cotton Fleahopper	3,533,590	2,091,106	1.73	0.67	\$4.72	0.977%	65,664
Lygus	2,153,191	159,180	1.00	0.03	\$0.37	0.079%	5,622
Cotton Leaf Perforator	0	0	0.00	0.00	\$0.00	0.000%	0
Spider Mites	1,140,848	124,578	1.01	0.02	\$0.37	0.133%	8,839
Thrips	5,343,620	1,590,418	1.30	0.38	\$2.32	0.125%	8,937
Beet Armyworm	602,559	43,880	0.99	0.01	\$0.12	0.000%	13
Fall Armyworm	2,008,800	56,125	0.99	0.01	\$0.20	0.365%	36,774
European Cornborer	0	0	0.00	0.00	\$0.00	0.000%	0
Stink Bugs	3,047,917	534,191	1.00	0.10	\$0.80	0.551%	35,426
Grasshoppers	709,544	5,500	1.00	0.00	\$0.01	0.000%	0
Saltmarsh Caterpillars	550,000	0	0.00	0.00	\$0.00	0.000%	0
Aphids	3,651,807	912,709	1.00	0.17	\$2.15	0.568%	54,476
Banded Winged Whitefly	288,200	0	0.00	0.00	\$0.00	0.000%	0
Silverleaf Whitefly (Bemisia)	83,500	11,380	0.08	0.00	\$0.00	0.004%	301
Loopers	465,000	0	0.00	0.00	\$0.00	0.000%	0
Southern Armyworms	0	0	0.00	0.00	\$0.00	0.000%	0
Cutworms	66,000	4,400	1.00	0.00	\$0.01	0.000%	0
Clouded Plant bugs	0	0	0.00	0.00	\$0.00	0.000%	0
Crenotiades (green mirid)	110,000	17,600	1	0.00	\$0.02	0.006%	968
Cotton Square Borer	412,500	5,500	1	0.00	\$0.01	0.038%	3,932
Other 3	0	0	0	0.00	\$0.00	0.000%	0
Other 4	0	0	0	0.00	\$0.00	0.000%	0
				1.49	\$12.05	4.299%	386612

Yield & Management Results

Total Acres	5401000
Total bales Harvested	7371719
yield (lbs/acre)	655
Total bales Lost to Insects	386612
Percent Yield Loss	4.30%
Yield w/o Insects (lbs/ac)	685
Ave. # Spray Applications	1.5
Bales lost all factors	3724597
% yield loss all factors	34%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$65,073,746	\$12.05
At Planting Costs	\$27,662,020	\$5.12
Infurrow costs	\$15,078,542	\$2.79
Scouting costs	\$17,377,755	\$3.22
Eradication costs	\$36,676,050	\$6.79
Transgenic cotton	\$27,279,735	\$5.05
Total Costs	\$189,147,848	\$35.02
Yield Lost to insects	\$148,458,833	\$27.49
Total Losses + Costs	\$337,606,681	\$62.51