

Table 24i

Texas Lower Rio Grande Valley

Cotton Insect Losses 2010

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	45,500	0	0.0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	91,000	1,274	1.0	0.014	\$0.14	2.00%	2,231
Pink Bollworm	0	0	0.0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	86,450	82,446	1.0	0.906	\$5.66	2.95%	3,285
Lygus	22,477	0	0.0	0.000	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0.0	0.000	\$0.00	0.00%	0
Spider Mites	7,553	4,641	1.0	0.051	\$0.61	0.04%	46
Thrips	90,090	75,166	1.0	0.826	\$5.78	0.00%	0
Beet Armyworm	28,119	0	0.0	0.000	\$0.00	0.00%	0
Fall Armyworm	0	0	0.0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0.0	0.000	\$0.00	0.00%	0
Stink Bugs	48,867	3,731	1.0	0.041	\$0.41	0.11%	120
Grasshoppers	0	0	0.0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.000	\$0.00	0.00%	0
Aphids	56,329	26,299	1.0	0.289	\$2.60	0.19%	207
Banded Winged Whitefly	0	0	0.0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	0	0	0.0	0.000	\$0.00	0.00%	0
Loopers	0	0	0.0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0.0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0.0	0.000	\$0.00	0.00%	0
Creontiades (green mirid)	0	0	0.0	0.000	\$0.00	0.00%	0
Cotton square borer	0	0	0.0	0.000	\$0.00	0.00%	0
Other Insects 3	0	0	0.0	0.000	\$0.00	0.00%	0
Other Insects 4	0	0	0.0	0.000	\$0.00	0.00%	0
				2.127	\$15.21	5.28%	5,890

Yield & Management Results

Total Acres	91,000
Total bales Harvested	90,052
yield (lbs/acre)	475
Total bales Lost to Insects	5,890
Percent Yield Loss	5.28%
Yield w/o Insects (lbs/ac)	501
Ave. # Spray Applications	2.127
Bales lost all factors	21,508
% yield loss all factors	19.28%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$1,383,883	\$15.21
At Planting Costs	\$605,150	\$6.65
In-furrow costs	\$178,360	\$1.96
Scouting costs	\$345,800	\$3.80
Eradication costs	\$1,205,750	\$13.25
Transgenic cotton	\$910,126	\$10.00
Total Costs	\$4,629,069	\$50.87
Yield Lost to insects	\$2,261,741	\$24.85
Total Losses + Costs	\$6,890,810	\$75.72