

Table 24i

## Texas Lower Rio Grande Valley

Cotton Insect Losses 2009

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot		cost/ acre	%red	Bales lost
				acres				
Boll Weevil	45,577	137	1.0	0.00		\$0.02	0.05%	49
Bollworm/Budworm	45,577	0	0.0	0.00		\$0.00	0.00%	0
Pink Bollworm	0	0	0.0	0.00		\$0.00	0.00%	0
Cotton Fleahopper	41,019	4,558	1.0	0.10		\$0.74	0.00%	0
Lygus	18,231	0	0.0	0.00		\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0.0	0.00		\$0.00	0.00%	0
Spider Mites	45,577	9,115	1.3	0.26		\$2.52	1.00%	990
Thrips	45,577	1,823	1.0	0.04		\$0.21	0.00%	0
Beet Armyworm	456	0	0.0	0.00		\$0.00	0.00%	0
Fall Armyworm	456	0	0.0	0.00		\$0.00	0.00%	0
European Cornborer	0	0	0.0	0.00		\$0.00	0.00%	0
Stink Bugs	4,558	0	0.0	0.00		\$0.00	0.00%	0
Grasshoppers	0	0	0.0	0.00		\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00		\$0.00	0.00%	0
Aphids	41,019	15,952	1.3	0.46		\$3.01	0.00%	0
Banded Winged Whitefly	0	0	0.0	0.00		\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	4,558	4,558	1.0	0.10		\$0.85	0.00%	0
Loopers	456	0	0.0	0.00		\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.00		\$0.00	0.00%	0
Cutworms	1,367	0	0.0	0.00		\$0.00	0.00%	0
Clouded Plant bugs	456	0	0.0	0.00		\$0.00	0.00%	0
Other Insects	25,067	27,346	1.5	0.90		\$5.58	0.06%	54
				1.86		\$12.93	1.11%	1094

Yield & Management Results	
Total Acres	45,577
Total bales Harvested	63,238
Yield (lbs/acre)	666
Total bales Lost to Insects	1,094
Percent Yield Loss	1.11%
Yield w/o Insects (lbs/acre)	673
Ave. # Spray Applications	1.858
Yield loss to all factors	35,734
% Yield loss to all factors	36.1%

Failed Acres\*  
27,268

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$589,233	\$12.93
At Planting Costs	\$205,096	\$4.50
Scouting costs	\$150,403	\$3.30
Eradication costs	\$782,098	\$17.16
Transgenic cotton	\$323,267	\$7.09
Total Costs	\$2,050,097	\$44.98
Yield Lost to insects	\$341,214	\$7.49
Total Losses + Costs	\$2,391,311	\$52.47