

Table 24c

Texas Rolling Plains

Cotton Insect Losses 2009

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	78,491	1,962	1.0	0.00	\$0.02	0.02%	217
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	392,456	23,547	1.0	0.03	\$0.17	0.00%	27
Lygus	0	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	785	0	0.0	0.00	\$0.00	0.00%	0
Thrips	784,912	3,925	1.0	0.01	\$0.02	0.01%	54
Beet Armyworm	0	0	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	78,491	2,355	2.0	0.01	\$0.06	0.20%	2,168
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	1,570	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	156,982	7,849	1.0	0.01	\$0.07	0.00%	22
Banded Winged Whitefly	0	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0.0	0.00	\$0.00	0.00%	0
Loopers	0	0	0.0	0.00	\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	0	0	0.0	0.00	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
				0.05	\$0.33	0.230%	2487

Yield & Management Results	
Total Acres	784912*
Total bales Harvested	506,922
Yield (lbs/acre)	310
Total bales Lost to Insects	2,487
Percent Yield Loss	0.23%
Yield w/o Insects (lbs/acre)	311
Ave. # Spray Applications	0.054
Yield loss to all factors	576,928
% Yield loss to all factors	53.2%

Failed Acres*
38,491

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$256,666	\$0.33
At Planting Costs	\$6,004,574	\$7.65
Scouting costs	\$86,340	\$0.11
Eradication costs	\$3,532,102	\$4.50
Transgenic cotton	\$7,538,291	\$9.60
Total Costs	\$17,417,973	\$22.19
Yield Lost to insects	\$776,080	\$0.99
Total Losses + Costs	\$18,194,053	\$23.18