

Table 24B

## Texas Rolling Plsins

Cotton Insect losses 2012

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	849,394	8,494	1	0.005	\$0.03	0.25%	5,749
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	1,189,151	169,879	1	0.100	\$0.60	0.70%	16,098
Lygus	0	0	0	0.000	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	169,879	0	0	0.000	\$0.00	0.02%	460
Thrips	679,515	50,964	1	0.030	\$0.17	0.40%	9,199
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	0	0	0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	0	0	0	0.000	\$0.00	0.00%	0
Grasshoppers	169,879	3,398	1	0.002	\$0.02	0.01%	115
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	0	0	0	0.000	\$0.00	0.00%	0
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0	0.000	\$0.00	0.00%	0
Loopers	0	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0	0.000	\$0.00	0.00%	0
Verde Plant Bug	0	0	0	0.000	\$0.00	0.00%	0
Leaf-footed bug	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
Other	0	0	0	0.000	\$0.00	0.00%	0
				0.137	\$0.82	1.38%	31,622

**Yield & Management Results**

Total Acres	1,698,787
Total bales Harvested	750,298
yield (lbs/acre)	212
Total bales Lost to Insects	31,622
Percent Yield Loss	1.38%
Yield w/o Insects (lbs/ac)	215
Ave. # Spray Applications	0.137
Bales lost all factors	1,549,922
% yield loss all factors	67.38%

**Economic Results**

	Total	Per Acre
Foliar Insecticides Costs	\$1,389,608	\$0.82
At Planting Costs	\$16,308,355	\$9.60
In-furrow costs	\$166,481	\$0.10
Scouting costs	\$951,321	\$0.56
Eradication costs	\$4,569,737	\$2.69
Transgenic cotton	\$21,724,088	\$12.79
Total Costs	\$45,109,590	\$26.55
Yield Lost to insects	\$11,080,257	\$6.52
Total Losses + Costs	\$56,189,847	\$33.08