

**Table 24b**

**Texas Rolling Plains**

**Cotton Insect Losses - 2013**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot	cost/ acre	%red	Bales lost
				acres			
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	84,560	0	0	0.000	\$0.00	0.03%	247
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	713,475	211,400	1	0.200	\$1.30	1.01%	7,804
Lygus	84,560	0	0	0.000	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	50,736	0	0	0.000	\$0.00	0.00%	0
Thrips	528,500	0	0	0.000	\$0.00	0.00%	0
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	84,560	0	0	0.000	\$0.00	0.00%	0
Grasshoppers	813,890	0	0	0.000	\$0.00	0.02%	119
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	422,800	31,710	1	0.030	\$0.23	0.16%	1,233
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	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
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
				0.230	\$1.53	1.22%	9,402

<b>Yield &amp; Management Results</b>	
Total Acres	1,057,000
Total bales Harvested	770,729
yield (lbs/acre)	350
Total bales Lost to Insects	9,402
Percent Yield Loss	1.22%
Yield w/o Insects (lbs/ac)	354
Ave. # Spray Applications	0.230
Bales lost all factors	248,946
% yield loss all factors	31.4%

<b>Economic Results</b>	<b>Total</b>	<b>Per Acre</b>
Foliar Insecticides Costs	\$1,611,925	\$1.53
At Planting Costs	\$21,787,413	\$20.61
In-furrow costs	\$317,100	\$0.30
Scouting costs	\$930,160	\$0.88
Eradication costs	\$2,674,210	\$2.53
Transgenic cotton	\$13,980,728	\$13.23
Total Costs	\$41,301,535	\$39.07
Yield Lost to insects	\$3,565,286	\$3.37
Total Losses + Costs	\$44,866,821	\$42.45