

Table 24b

Texas Rolling Plains

cotton Insect losses 2014

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	373,746	17,940	1	0.01	\$0.07	0.025%	662
Beet Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Loopers	0	0	0	0.00	\$0.00	0.000%	0
Cutworms	0	15	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant bug	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	1,195,986	134,548	1	0.09	\$0.59	0.240%	6,354
Lygus	298,996	0	0	0.00	\$0.00	0.020%	529
Stink Bugs	74,749	0	0	0.00	\$0.00	0.000%	0
Clouded Plant bugs	0	0	0	0.00	\$0.00	0.000%	0
Other Bugs	0	0	0	0.00	\$0.00	0.000%	0
Bagrada Bug	0	0	0	0.00	\$0.00	0.000%	0
Leaf-footed Bugs	0	0	0	0.00	\$0.00	0.000%	0
Spider Mites	0	0	0	0.00	\$0.00	0.000%	0
Thrips	0	0	0	0.00	\$0.00	0.000%	0
Aphids	1,345,484	59,799	1	0.04	\$0.28	0.180%	4,765
Grasshoppers	298,996	298,996	1	0.20	\$2.60	0.010%	265
Banded Winged Whitefly	149,498	29,900	1	0.02	\$0.05	0.000%	0
Silverleaf Whitefly (Bemisia)	149,498	14,950	0	0.00	\$0.00	0.000%	0
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetle	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevil	0	0	0	0.00	\$0.00	0.000%	0
				0.36	\$3.59	0.475%	12,575

Yield & Management Results	
Total Acres	1,494,982
Total bales Harvested	2,460,491
yield (lbs/acre)	790
Total bales Lost to Insects	12,575
Percent Yield Loss	0.48%
Yield w/o Insects (lbs/ac)	794
Ave. # Spray Applications	0.36
Bales lost all factors	542,048
% yield loss all factors	20.48%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$5,362,500	\$3.59
At Planting Costs	\$8,745,645	\$5.85
In-furrow costs	\$0	\$0.00
Scouting costs	\$478,394	\$0.32
Eradication costs	\$3,303,910	\$2.21
Transgenic cotton	\$28,329,909	\$18.95
Total Costs	\$46,220,358	\$30.92
Yield Lost to insects	\$3,229,255	\$2.16
Total Losses + Costs	\$49,449,613	\$33.08