

Table 24b

## Texas Rolling Plains

cotton Insect losses 2016

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	240,400	4,808	1	0.00	\$0.03	0.010%	149
Beet Armyworm	240	0	1	0.00	\$0.00	0.000%	0
Fall Armyworm	1,202	0	1	0.00	\$0.00	0.000%	0
Loopers	0	0	1	0.00	\$0.00	0.000%	0
Cutworms	12,020	0	1	0.00	\$0.00	0.000%	0
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	120	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	1,202,000	120,200	1	0.10	\$0.43	0.005%	75
Lygus	360,600	0	1	0.00	\$0.00	0.000%	0
Stink Bugs	240,400	72,120	1	0.06	\$0.29	0.400%	5,968
Clouded Plant bugs	0	0	1	0.00	\$0.00	0.000%	0
Brown Stink bug	0	0	0	0.00	\$0.00	0.000%	0
Bagrada Bugs	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	12,020	4,808	1	0.00	\$0.05	0.010%	149
Thrips	1,189,980	0	1	0.00	\$0.00	0.000%	0
Aphids	300,500	24,040	1	0.02	\$0.15	0.001%	20
Grasshoppers	96,160	36,060	1	0.03	\$0.21	0.000%	6
Banded Winged Whitefly	0	0	1	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetles	0	0	0	0.00	\$0.00	0.000%	0
Mealybugs	0	0	0	0.00	\$0.00	0.000%	0
Crickets	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevils	0	0	0	0.00	\$0.00	0.000%	0
				0.22	\$1.14	0.427%	6,367

Yield & Management Results	
Total Acres	1,202,000
Total bales Harvested	1,312,183
yield (lbs/acre)	524
Total bales Lost to Insects	6,367
Percent Yield Loss	0.43%
Yield w/o Insects (lbs/ac)	526
Ave. # Spray Applications	0.22
Bales lost all factors	179,782
% yield loss all factors	10.48%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$1,375,088	\$1.14
At Planting Costs	\$7,541,829	\$6.27
In-furrow costs	\$0	\$0.00
Scouting costs	\$841,400	\$0.70
Eradication costs	\$7,452,400	\$6.20
Transgenic cotton	\$19,663,518	\$16.36
Total Costs	\$36,874,235	\$30.68
Yield Lost to insects	\$2,047,495	\$1.70
Total Losses + Costs	\$38,921,730	\$32.38