

Table 24c

Texas Western Plains

Cotton Insect losses 2014

Pest	acres infested	acres treated	#apps/ acre	#apps/ tot	cost/ acre	%red	Bales lost
			trtd	acres			
Bollworm/Budworm	377,050	113,115	1	0.03	\$0.45	0.001%	83
Beet Armyworm	3,771	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	75,410	0	0	0.00	\$0.00	0.000%	17
Loopers	377,050	0	0	0.00	\$0.00	0.000%	0
Cutworms	3,771	3,771	1	0.00	\$0.01	0.000%	1
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	1,319,675	75,410	1	0.02	\$0.16	0.004%	290
Lygus	1,206,560	37,705	1	0.01	\$0.08	0.032%	2,654
Stink Bugs	2,073,775	3,771	1	0.00	\$0.01	0.006%	456
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	37,705	0	0	0.00	\$0.00	0.000%	0
Thrips	2,450,825	2,337,710	1	0.62	\$0.93	0.007%	539
Aphids	640,985	0	0	0.00	\$0.00	0.000%	0
Grasshoppers	2,488,530	37,705	1	0.01	\$0.04	0.007%	547
Banded Winged Whitefly	414,755	0	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly (Bemisia)	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 Beetle	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevil	0	0	0	0.00	\$0.00	0.000%	0
				0.69	\$1.67	0.055%	4,588

Yield & Management Results	
Total Acres	3,770,500
Total bales Harvested	6,009,234
yield (lbs/acre)	765
Total bales Lost to Insects	4,588
Percent Yield Loss	0.06%
Yield w/o Insects (lbs/ac)	765
Ave. # Spray Applications	0.69
Bales lost all factors	2,285,693
% yield loss all factors	27.56%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$6,306,161	\$1.67
At Planting Costs	\$30,352,525	\$8.05
In-furrow costs	\$1,696,725	\$0.45
Scouting costs	\$12,536,913	\$3.33
Eradication costs	\$5,090,175	\$1.35
Transgenic cotton	\$31,635,372	\$8.39
Total Costs	\$87,617,871	\$23.24
Yield Lost to insects	\$1,431,432	\$0.38
Total Losses + Costs	\$89,049,303	\$23.62