

Table 24c

Texas Far West and High Plains

Cotton Insect Losses - 2013

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0	0.00	\$0.00	0.000%	0
Bollworm/Budworm	457,000	91,400	1	0.05	\$0.40	0.100%	4,102
Pink Bollworm	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	18,280	9,140	1	0.01	\$0.03	0.000%	8
Lygus	18,280	9,140	1	0.01	\$0.03	0.000%	8
Cotton Leaf Perforator	0	0	0	0.00	\$0.00	0.000%	0
Spider Mites	0	0	0	0.00	\$0.00	0.000%	0
Thrips	1,462,400	457,000	1	0.25	\$0.75	0.160%	6,563
Beet Armyworm	548,400	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	457,000	0	0	0.00	\$0.00	0.000%	0
European Cornborer	0	0	0	0.00	\$0.00	0.000%	0
Stink Bugs	731,200	0	0	0.00	\$0.00	0.000%	0
Grasshoppers	548,400	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillars	274,200	1,828	1	0.00	\$0.01	0.000%	0
Aphids	182,800	1,828	1	0.00	\$0.01	0.010%	410
Banded Winged Whitefly	91,400	0	0	0.00	\$0.00	0.010%	410
Silverleaf Whitefly (Bemisia)	91,400	0	0	0.00	\$0.00	0.000%	0
Loopers	91,400	0	0	0.00	\$0.00	0.000%	0
Southern Armyworms	36,560	0	0	0.00	\$0.00	0.000%	0
Cutworms	0	0	0	0.00	\$0.00	0.000%	0
Clouded Plant bugs	18,280	0	0	0.00	\$0.00	0.000%	0
Other	0	0	0	0.00	\$0.00	0.000%	0
Other	0	0	0	0.00	\$0.00	0.000%	0
Other	0	0	0	0.00	\$0.00	0.000%	0
Other	0	0	0	0.00	\$0.00	0.000%	0
Kurtomathrips	18,280	0	0	0.00	\$0.00	0.000%	0
				0.312	\$1.23	0.280%	11,502

Yield & Management Results	
Total Acres	1,828,000
Total bales Harvested	2,793,413
yield (lbs/acre)	734
Total bales Lost to Insects	11,502
Percent Yield Loss	0.280%
Yield w/o Insects (lbs/ac)	736
Ave. # Spray Applications	0.312
Bales lost all factors	1,308,515
% yield loss all factors	31.5%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$2,244,784	\$1.23
At Planting Costs	\$17,480,250	\$9.56
In-furrow costs	\$182,800	\$0.10
Scouting costs	\$3,016,200	\$1.65
Eradication costs	\$3,199,000	\$1.75
Transgenic cotton	\$13,710,000	\$7.50
Total Costs	\$39,833,034	\$21.79
Yield Lost to insects	\$4,361,484	\$2.39
Total Losses + Costs	\$44,194,518	\$24.18