

Table 24a

Texas Coast and Blacklands

Cotton Insect Losses 2014

Pest	acres infested	acres treated	#apps/ acre	#apps/ tot	cost/ acre	%red	Bales lost
			trtd	acres			
Bollworm/Budworm	521,843	18,786	1	0.02	\$0.07	0.550%	9,785
Beet Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	18,976	0	0	0.00	\$0.00	0.000%	0
Loopers	9,488	0	0	0.00	\$0.00	0.000%	0
Cutworms	949	9	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant bug	195,454	147,065	1	0.16	\$0.85	0.082%	1,466
Cotton Fleahopper	848,233	653,822	2	1.31	\$6.00	0.447%	7,952
Lygus	50,287	31,311	1	0.03	\$0.20	0.032%	566
Stink Bugs	479,147	377,720	1	0.52	\$2.48	0.010%	180
Clouded Plant bugs	0	4,744	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	140,423	35,865	1	0.04	\$0.24	0.114%	2,027
Thrips	929,830	443,851	1	0.47	\$1.23	0.490%	8,717
Aphids	667,011	56,644	1	0.06	\$0.10	0.000%	0
Grasshoppers	0	6,357	1	0.01	\$0.10	0.000%	0
Banded Winged Whitefly	0	18,976	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly (Bemisia)	142,321	948,806	1	1.00	\$11.92	0.015%	267
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	47,440	18,976	6	0.12	\$0.12	0.000%	0
				3.73	\$23.31	1.740%	30,959

Yield & Management Results	
Total Acres	948,806
Total bales Harvested	1,628,784
yield (lbs/acre)	824
Total bales Lost to Insects	30,959
Percent Yield Loss	1.74%
Yield w/o Insects (lbs/ac)	839
Ave. # Spray Applications	3.73
Bales lost all factors	151,221
% yield loss all factors	8.50%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$22,118,940	\$23.31
At Planting Costs	\$6,375,976	\$6.72
In-furrow costs	\$0	\$0.00
Scouting costs	\$5,326,312	\$5.61
Eradication costs	\$11,594,409	\$12.22
Transgenic cotton	\$18,549,302	\$19.55
Total Costs	\$63,964,940	\$67.42
Yield Lost to insects	\$7,950,379	\$8.38
Total Losses + Costs	\$71,915,319	\$75.80