

Table 24A

Texas Coast and Blacklands

Cotton Insect losses 2012

Pest	acres infested	#apps/		#apps/ tot acres	cost/ acre	%red	Bales lost
		acres treated	acre trtd				
Boll Weevil	23,894	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	781,141	137,848	2	0.225	\$2.03	0.03%	488
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	918,989	836,280	2	1.820	\$12.74	0.43%	8,233
Lygus	533,014	147,038	1	0.160	\$1.23	0.00%	0
Cotton Leaf Perforator	9,190	0	0	0.000	\$0.00	0.00%	0
Spider Mites	404,355	192,988	1	0.210	\$1.89	0.18%	3,370
Thrips	918,989	340,026	1	0.370	\$2.09	0.00%	0
Beet Armyworm	9,190	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	9,190	0	0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	643,292	202,178	1	0.220	\$1.71	0.18%	3,351
Grasshoppers	0	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	634,102	91,899	1	0.100	\$0.80	0.00%	0
Banded Winged Whitefly	275,697	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	45,949	1,838	1	0.002	\$0.02	0.00%	0
Loopers	4,595	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	9,190	0	0	0.000	\$0.00	0.00%	0
Cutworms	18,380	18,380	1	0.020	\$0.10	0.00%	0
Clouded Plant bugs	0	0	0	0.000	\$0.00	0.00%	0
Verde Plant bug	229,747	64,329	1	0.070	\$0.46	0.00%	0
leaffooted bug	174,608	91,899	1	0.100	\$0.65	0.00%	0
other insects	0	0	0	0.000	\$0.00	0.00%	0
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Kurtomathrips	0	0	0	0.000	\$0.00	0.00%	0
				3.197	\$23.05	0.807%	15,442

Yield & Management Results

Total Acres	918,989
Total bales Harvested	1,357,423
yield (lbs/acre)	709
Total bales Lost to Insects	15,442
Percent Yield Loss	0.81%
Yield w/o Insects (lbs/ac)	715
Ave. # Spray Applications	3.20
Bales lost all factors	557,313
% yield loss all factors	29.1%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$21,181,134	\$23.05
At Planting Costs	\$7,175,282	\$7.81
In-furrow costs	\$1,026,051	\$1.12
Scouting costs	\$5,018,139	\$5.46
Eradication costs	\$17,405,652	\$18.94
Transgenic cotton	\$13,680,070	\$14.89
Total Costs	\$65,486,329	\$71.26
Yield Lost to insects	\$5,262,751	\$5.73
Total Losses + Costs	\$70,749,080	\$76.99