

Table 24a

Texas Coast and Blacklands

Cotton Insect Losses 2016

Pest	acres infested	acres treated	#apps/ acre		cost/ acre	%red	Bales lost
			trtd	acres			
Bollworm/Budworm	480,200	68,600	1	0.10	\$0.45	1.050%	12,305
Beet Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Loopers	0	0	0	0.00	\$0.00	0.000%	0
Cutworms	0	0	0	0.00	\$0.00	0.000%	0
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	34	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	157,780	75,460	1	0.11	\$0.72	0.035%	404
Cotton Fleahopper	686,000	583,100	2	1.28	\$5.32	0.500%	5,860
Lygus	548,800	102,900	1	0.15	\$0.60	0.040%	469
Stink Bugs	445,900	253,820	2	0.56	\$2.64	0.195%	2,285
Clouded Plant bugs	0	0	0	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	0	0	0	0.00	\$0.00	0.000%	0
Thrips	679,140	205,800	0	0.00	\$0.14	0.297%	3,481
Aphids	308,700	102,900	1	0.00	\$0.19	0.000%	0
Grasshoppers	0	0	0	0.00	\$0.00	0.000%	0
Banded Winged Whitefly	0	0	0	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	68,600	0	0	0.00	\$0.00	0.000%	0
				2.43	\$10.04	2.117%	24,804

Yield & Management Results	
Total Acres	686,000
Total bales Harvested	1,124,754
yield (lbs/acre)	787
Total bales Lost to Insects	24,804
Percent Yield Loss	2.12%
Yield w/o Insects (lbs/ac)	804
Ave. # Spray Applications	2.43
Bales lost all factors	376,185
% yield loss all factors	32.12%

Economic Results		Total	Per Acre
Foliar Insecticides Costs		\$6,887,783	\$10.04
At Planting Costs		\$4,059,679	\$5.92
In-furrow costs		\$0	\$0.00
Scouting costs		\$3,241,350	\$4.73
Eradication costs		\$8,671,040	\$12.64
Transgenic cotton		\$5,068,652	\$7.39
Total Costs		\$27,928,504	\$40.71
Yield Lost to insects		\$8,214,958	\$11.98
Total Losses + Costs		\$36,143,462	\$52.69