

Table 24a

Texas Coast and Blacklands

Cotton Insect Losses 2015

Pest	acres		#apps/ acre		cost/ acre	%red	Bales lost
	infested	acres treated	trtd	#apps/ tot acres			
Bollworm/Budworm	339,300	26,390	1	0.07	\$0.25	1.350%	9,788
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	4	0	0.00	\$0.00	0.000%	0
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	79,170	75,400	1	0.20	\$0.85	0.126%	914
Cotton Fleahopper	377,000	275,210	2	1.10	\$4.57	1.800%	13,050
Lygus	30,160	0	0	0.00	\$0.00	0.000%	0
Stink Bugs	282,750	226,200	1	0.60	\$2.85	0.750%	5,438
Clouded Plant bugs	0	1,885	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	365,690	0	0	0.00	\$0.00	0.000%	0
Aphids	207,350	3,770	1	0.00	\$0.07	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	24,995	0	0	0.00	\$0.00	0.000%	0
				1.98	\$8.58	4.026%	29,189

Yield & Management Results	
Total Acres	377,000
Total bales Harvested	478,319
yield (lbs/acre)	609
Total bales Lost to Insects	29,189
Percent Yield Loss	4.03%
Yield w/o Insects (lbs/ac)	635
Ave. # Spray Applications	1.98
Bales lost all factors	246,692
% yield loss all factors	34.03%

Economic Results		Total	Per Acre
Foliar Insecticides Costs		\$3,234,151	\$8.58
At Planting Costs		\$2,177,288	\$5.78
In-furrow costs		\$0	\$0.00
Scouting costs		\$1,662,570	\$4.41
Eradication costs		\$4,765,280	\$12.64
Transgenic cotton		\$2,822,410	\$7.49
Total Costs		\$14,661,700	\$38.89
Yield Lost to insects		\$8,826,736	\$23.41
Total Losses + Costs		\$23,488,436	\$62.30