

**Table 24a**

**Texas Coast and Blacklands**

**Cotton Insect Losses - 2013**

<b>Pest</b>	<b>acres infested</b>	<b>acres treated</b>	<b>#apps/ acre trtd</b>	<b>#apps/ tot acres</b>	<b>cost/ acre</b>	<b>%red</b>	<b>Bales lost</b>
Boll Weevil	8,500	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	155,252	2,905	1	0.007	\$0.05	0.00%	0
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	332,000	324,945	1	0.947	\$6.12	1.25%	11,017
Lygus	4,150	830	1	0.002	\$0.02	0.00%	0
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	230,740	22,867	1	0.055	\$0.55	0.22%	1,963
Thrips	399,230	236,965	1	0.571	\$2.19	0.05%	425
Beet Armyworm	21,290	1,245	1	0.003	\$0.02	0.01%	91
Fall Armyworm	23,489	2,490	1	0.006	\$0.04	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	235,720	101,675	1	0.245	\$1.96	0.00%	0
Grasshoppers	18,924	5,395	1	0.013	\$0.21	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	246,925	29,175	1	0.070	\$0.53	0.00%	0
Banded Winged Whitefly	18,094	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	78,726	7,055	2	0.026	\$0.36	0.00%	17
Loopers	0	0	0	0.000	\$0.00	0.00%	0
Yellow striped armyworm	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0	0.000	\$0.00	0.00%	0
Verde Plant Bugs	66,525	16,393	1	0.051	\$0.33	0.00%	0
Leaf-footed bug	31,125	0	0	0.000	\$0.00	0.00%	0
Omnivorous Leafroller	830	0	0	0.000	\$0.00	0.00%	0
Wireworm	0	0	0	0.000	\$0.00	0.00%	0
Kurtomathrips	0	0	0	0.000	\$0.00	0.00%	0
				1.997	\$12.37	1.531%	13,512

<b>Yield &amp; Management Results</b>	
Total Acres	415,000
Total bales Harvested	649,302
yield (lbs/acre)	751
Total bales Lost to Insects	13,512
Percent Yield Loss	1.53%
Yield w/o Insects (lbs/ac)	763
Ave. # Spray Applications	2.00
Bales lost all factors	233,308
% yield loss all factors	26.4%

<b>Economic Results</b>	<b>Total</b>	<b>Per Acre</b>
Foliar Insecticides Costs	\$5,133,369	\$12.37
At Planting Costs	\$3,090,775	\$7.45
In-furrow costs	\$8,300	\$0.02
Scouting costs	\$2,892,011	\$6.97
Eradication costs	\$7,810,300	\$18.82
Transgenic cotton	\$6,126,558	\$14.76
Total Costs	\$25,061,312	\$60.39
Yield Lost to insects	\$5,123,642	\$12.35
Total Losses + Costs	\$30,184,954	\$72.73