

**Table 24a**

**Southern Texas**

**Cotton Insect Losses 2011**

<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	167,853	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	785,118	153,414	1	0.170	\$0.87	0.04%	837
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	902,434	703,899	2	1.248	\$6.05	0.08%	1,540
Lygus	180,487	0	0	0.000	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	342,925	135,365	1	0.150	\$1.20	0.08%	1,463
Thrips	902,434	36,097	1	0.040	\$0.18	0.02%	385
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	9,024	0	0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	216,584	162,438	1	0.180	\$0.88	0.01%	231
Grasshoppers	9,024	1,805	1	0.002	\$0.01	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	803,166	153,414	1	0.170	\$1.12	0.00%	0
Banded Winged Whitefly	36,097	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	27,073	1,805	1	0.002	\$0.02	0.00%	17
Loopers	9,024	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	36,097	18,049	1	0.020	\$0.14	0.00%	0
Clouded Plant bugs	0	0	0	0.000	\$0.00	0.00%	0
Crenotiades (green mirid)	144,389	18,049	1	0.020	\$0.12	0.00%	62
				2.002	\$10.59	0.24%	4,534

**Economic Results**

<b>Yield &amp; Management Results</b>	
Total Acres	902,434
Total bales Harvested	1,410,053
yield (lbs/acre)	750
Total bales Lost to Insects	4,534
Percent Yield Loss	0.24%
Yield w/o Insects (lbs/ac)	752
Ave. # Spray Applications	2 00
Bales lost all factors	514,556
% yield loss all factors	26.7%

	Total	Per Acre
Foliar Insecticides Costs	\$9,554,791	\$10.59
At Planting Costs	\$6,279,136	\$6.96
In-furrow costs	\$180,126	\$0.20
Scouting costs	\$5,445,738	\$6.03
Eradication costs	\$20,304,765	\$22.50
Transgenic cotton	\$5,252,419	\$5.82
Total Costs	\$47,016,974	\$52.10
Yield Lost to insects	\$1,893,556	\$2.10
Total Losses + Costs	\$48,910,531	\$54.20

