

**Table 24b**

**Texas Coastal Bend**

**Cotton Insect Losses 2009**

Pest	acres infested	acres treated	#apps/		cost/ acre	%red	Bales lost
			acre trtd	#apps/ tot acres			
Boll Weevil	20,105	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	108,257	15,465	1.0	0.10	\$0.89	0.11%	338
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	154,653	140,734	1.5	1.37	\$10.10	0.10%	322
Lygus	92,792	3,093	1.0	0.02	\$0.17	0.00%	0
Cotton Leaf Perforator	1,547	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	61,861	9,279	1.0	0.06	\$0.58	0.00%	0
Thrips	154,653	12,372	1.0	0.08	\$0.42	0.00%	0
Beet Armyworm	1,547	0	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	1,547	0	0.0	0.00	\$0.00	0.00%	0
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	54,129	10,826	1.0	0.07	\$0.51	0.11%	338
Grasshoppers	0	0	0.0	0.00	\$0.00	0.00%	0
Saltmarsh Caterpillars	1,547	0	0.0	0.00	\$0.00	0.00%	0
Aphids	123,722	21,651	1.0	0.14	\$0.93	0.00%	0
Banded Winged Whitefly	3,093	1,547	1.0	0.01	\$0.07	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0.0	0.00	\$0.00	0.00%	0
Loopers	1,547	0	0.0	0.00	\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	7,733	3,093	1.0	0.02	\$0.13	0.00%	0
Clouded Plant bugs	1,547	0	0.0	0.00	\$0.00	0.00%	0
Green Mirid	20,105	7,733	1.0	0.05	\$0.31	0.00%	0
				1.92	\$14.10	0.31%	997

Yield & Management Results		Failed acres*
Total Acres*	154,653	365,535
Total bales Harvested	136,288	
Yield (lbs/acre)	423	
Total bales Lost to Insects	997	
Percent Yield Loss	0.31%	
Yield w/o Insects (lbs/acre)	424	
Ave. # Spray Applications	1.915	
Yield loss to all factors	185,222	
% Yield loss to all factors	57.6%	

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$2,180,978	\$14.10
At Planting Costs	\$1,029,989	\$6.66
Scouting costs	\$974,314	\$6.30
Eradication costs	\$3,465,774	\$22.41
Transgenic cotton	\$1,096,923	\$7.09
Total Costs	\$8,747,978	\$56.57
Yield Lost to insects	\$310,964	\$2.01
Total Losses + Costs	\$9,058,942	\$58.58