

**Table 22e**

**Texas Northern Blacklands**

**Cotton Insect Losses 2008**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	27,995	0	0.00	0.000	\$0.00	0.000%	0
Bollworm/Budworm	18,477	784	1.00	0.014	\$0.14	0.660%	446
Pink Bollworm	0	0	0.00	0.000	\$0.00	0.000%	0
Cotton Fleahopper	53,191	50,727	1.00	0.906	\$5.66	2.945%	1,988
Lygus	13,830	0	0.00	0.000	\$0.00	0.000%	0
Cotton Leaf Perforator	0	0	0.00	0.000	\$0.00	0.000%	0
Spider Mites	4,647	2,855	1.00	0.051	\$0.61	0.042%	28
Thrips	55,430	46,248	1.00	0.826	\$5.78	0.000%	0
Beet Armyworm	17,301	0	0.00	0.000	\$0.00	0.000%	0
Fall Armyworm	0	0	0.00	0.000	\$0.00	0.000%	0
European Cornborer	0	0	0.00	0.000	\$0.00	0.000%	0
Stink Bugs	30,067	2,296	1.00	0.041	\$0.41	0.107%	73
Grasshoppers	0	0	0.00	0.000	\$0.00	0.000%	0
Saltmarsh Caterpillars	0	0	0.00	0.000	\$0.00	0.000%	0
Aphids	34,658	16,181	1.00	0.289	\$2.60	0.186%	125
Banded Winged Whitefly	0	0	0.00	0.000	\$0.00	0.000%	0
Silverleaf Whitefly (Bemesia)	0	0	0.00	0.000	\$0.00	0.000%	0
Loopers	0	0	0.00	0.000	\$0.00	0.000%	0
Southern Armyworms	0	0	0.00	0.000	\$0.00	0.000%	0
Cutworms	0	0	0.00	0.000	\$0.00	0.000%	0
Clouded Plant bugs	0	0	0.00	0.000	\$0.00	0.000%	0
Other Insects	0	0	0.00	0.000	\$0.00	0.000%	0

Yield & Management Results	
Total Acres	55,990
Total bales Harvested	55,407
Yield (lbs/acre)	475
Total bales Lost to Insects	2,660
Percent Yield Loss	3.94%
Yield w/o Insects (lbs/acre)	494
Ave. # Spray Applications	2.127
Yield loss to all factors	12,113
% Yield loss to all factors	17.94%

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$851,468	\$15.21
At Planting Costs	\$372,334	\$6.65
Scouting costs	\$212,762	\$3.80
Eradication costs	\$741,868	\$13.25
Transgenic cotton	\$449,935	\$8.04
Total Costs	\$2,628,366	\$46.94
Yield Lost to insects	\$829,920	\$14.82
Total Losses + Costs	\$3,458,286	\$61.77