

Table 24e

Pest	Texas Blackland			Cotton Insect Losses 2010			
	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	25,920	25,920	1.0	0.160	\$0.40	0.000%	0
Bollworm/Budworm	162,000	2,268	1.0	0.014	\$0.11	2.000%	5,767
Pink Bollworm	0	0	0.0	0.000	\$0.00	0.000%	0
Cotton Fleahopper	162,000	150,660	3.5	3.255	\$7.32	2.000%	5,767
Lygus	40,014	8,100	1.0	0.050	\$0.23	0.124%	356
Cotton Leaf Perforator	0	0	0.0	0.000	\$0.00	0.000%	0
Spider Mites	25,920	8,262	1.0	0.051	\$0.51	0.080%	231
Thrips	160,380	133,812	1.0	0.826	\$2.07	0.000%	0
Beet Armyworm	0	0	0.0	0.000	\$0.00	0.000%	0
Fall Armyworm	0	0	0.0	0.000	\$0.00	0.000%	0
European Cornborer	0	0	0.0	0.000	\$0.00	0.000%	0
Stink Bugs	153,900	102,060	1.0	0.630	\$5.10	2.850%	8,218
Grasshoppers	0	0	0.0	0.000	\$0.00	0.000%	0
Saltmarsh Caterpillars	0	0	0.0	0.000	\$0.00	0.000%	0
Aphids	100,278	24,300	1.0	0.150	\$0.68	0.186%	535
Banded Winged Whitefly	0	0	0.0	0.000	\$0.00	0.000%	0
Silverleaf Whitefly (Bemisia)	0	0	0.0	0.000	\$0.00	0.000%	0
Loopers	0	0	0.0	0.000	\$0.00	0.000%	0
Southern Armyworms	0	0	0.0	0.000	\$0.00	0.000%	0
Cutworms	0	0	0.0	0.000	\$0.00	0.000%	0
Clouded Plant bugs	0	0	0.0	0.000	\$0.00	0.000%	0
Creontiades (green mirid)	0	0	0.0	0.000	\$0.00	0.000%	0
Cotton square borer	0	0	0.0	0.000	\$0.00	0.000%	0
Other 3	0	0	0.0	0.000	\$0.00	0.000%	0
Other 4	0	0	0.0	0.000	\$0.00	0.000%	0
				5.136	\$16.42	7.239%	20,874

Yield & Management Results

Total Acres	162,000
Total bales Harvested	232,875
yield (lbs/acre)	690
Total bales Lost to Insects	20,874
Percent Yield Loss	7.24%
Yield w/o Insects (lbs/ac)	744
Ave. # Spray Applications	5.136
Bales lost all factors	55,477
% yield loss all factors	19.24%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$2,659,546	\$16.42
At Planting Costs	\$1,231,200	\$7.60
In-furrow costs	\$778	\$0.00
Scouting costs	\$615,600	\$3.80
Eradication costs	\$2,146,500	\$13.25
Transgenic cotton	\$1,178,550	\$7.28
Total Costs	\$7,832,174	\$48.35
Yield Lost to insects	\$8,015,748	\$49.48
Total Losses + Costs	\$15,847,921	\$97.83