

**Table 24d**

**Texas Blacklands**

**Cotton Insect Losses 2011**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot		%red	Bales lost
				acres	cost/ acre		
Boll Weevil	17,500	17,500	3	0.181	\$0.46	0.00%	0
Bollworm/Budworm	58,024	87,035	1	0.300	\$2.40	0.40%	1,934
Pink Bollworm	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	290,118	261,106	4	3.150	\$7.09	2.00%	9,671
Lygus	0	0	0	0.000	\$0.00	0.00%	0
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	101,541	14,506	1	0.050	\$0.50	0.18%	846
Thrips	290,118	261,106	1	0.900	\$2.25	3.00%	14,506
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	0	0	0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	266,909	8,704	1	0.030	\$0.24	4.60%	22,242
Grasshoppers	81,233	2,901	1	0.010	\$0.07	0.28%	1,354
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	145,059	34,814	1	0.120	\$0.54	0.15%	725
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0	0.000	\$0.00	0.00%	0
Loopers	0	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	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
Crenotiades (green mirid)	0	0	0	0.000	\$0.00	0.00%	0
Cotton Square Borer	0	0	0	0.000	\$0.00	0.00%	0
				4.741	\$13.54	10.6%	51,278

**Economic Results**

Yield & Management Results	
Total Acres	290,118
Total bales Harvested	181,324
yield (lbs/acre)	300
Total bales Lost to Insects	51,278
Percent Yield Loss	10.6%
Yield w/o Insects (lbs/ac)	336
Ave. # Spray Applications	4.74
Bales lost all factors	302,206
% yield loss all factors	66.1%

	Total	Per Acre
Foliar Insecticides Costs	\$3,928,639	\$13.54
At Planting Costs	\$3,342,159	\$11.52
In-furrow costs	\$0	\$0.00
Scouting costs	\$1,566,637	\$5.40
Eradication costs	\$3,844,064	\$13.25
Transgenic cotton	\$2,088,850	\$7.20
Total Costs	\$14,770,349	\$50.91
Yield Lost to insects	\$21,413,842	\$73.81
Total Losses + Costs	\$36,184,190	\$124.72

