

Table 23e

Pest	Texas Northern Blacklands				Cotton Insect Losses 2007		
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	48,400	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	12,000	7,500	0.155	\$10.00	\$1.55	0.74	525
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	40,000	34,000	0.702	\$5.50	\$3.86	2.56	1,808
Lygus	600	0	0.000	N/A	\$0.00	0.00	0
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	4,000	1,700	0.035	\$14.00	\$0.49	0.04	29
Thrips	45,000	29,000	0.599	\$7.00	\$4.19	0.56	394
Beet Armyworm	200	0	0.000	N/A	\$0.00	0.00	1
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	31,000	3,500	0.072	\$10.00	\$0.72	0.13	90
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	21,000	1,000	0.021	\$9.00	\$0.19	0.13	92
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0

Percent Lost	4.16
Total Acres	48,400
Total Bales lost	2,939
Bales lost in dollars	\$846,552

Est. yield/acre	545
Spray applications	1.585
Cost + loss	\$2,945,652
Cost + loss/acre	\$60.86

	Cost/Acre
Foliar insecticide	\$11.01
At planting	\$5.79
Bt use fees	\$9.50
Eradication	\$13.25
Scouting	\$3.82
Total	\$43.37

