

Table 23h Texas Northern Blacklands Cotton Insect Losses – 2005

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	58,000	58,000	5.800	\$4.50	\$26.10	7.73	6,825
Bollworm/Budworm	6,000	2,000	0.033	\$9.50	\$0.32	0.10	88
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	60,000	51,000	0.850	\$5.00	\$4.25	1.80	1,589
Lygus	13,000	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	10,000	5,000	0.083	\$15.00	\$1.25	0.08	74
Thrips	59,000	59,000	0.983	\$5.00	\$4.92	0.49	434
Beet Armyworm	11,000	0	0.000	N/A	\$0.00	0.00	0
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	48,000	1,000	0.017	\$6.00	\$0.10	0.08	71
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	25,000	10,000	0.167	\$6.00	\$1.00	0.04	37
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	10.33		Est. yield/acre	600			Cost/ Acre
						Foliar insecticide	\$37.93

Total Acres	60,000	Spray applications	7.933	At planting	\$6.77
				Bt use fees	\$17.50
		Cost + loss	\$7,437,473	Eradication	\$13.25
Total Bales lost	9,116			Scouting	\$4.75
Bales lost in dollars	\$2,625,473	Cost + loss/acre	\$123.96	Total	\$80.20