

Table 23c Texas Northern Rolling Plains Cotton Insect Lossese 2003

Pest	acres infested	acres treated	◆ # insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	0	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	150,000	7,000	0.019	\$10.25	\$0.20	0.08	313
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	340,000	10,000	0.028	\$6.50	\$0.18	1.70	6,375
Lygus	0	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	0	0	0.000	N/A	\$0.00	0.00	0
Thrips	360,000	6,000	0.017	\$4.50	\$0.08	0.10	375
Beet Armyworm	5,000	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	15,000	0	0.000	N/A	\$0.00	0.00	0
Grasshoppers	200,000	25,000	0.097	\$7.75	\$0.75	0.14	521
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	250,000	2,000	0.006	\$7.75	\$0.04	0.07	260
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
Darkling Beetles	1,500	500	0.001	\$7.00	\$0.01	0.00	2
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0

Percent Lost	2.09
Total Acres	360,000
Total Bales lost	7,845
Bales lost in dollars	\$2,259,450

Est. yield/acre	285
Spray applications	0.168
Cost + loss	\$7,382,700
Cost + loss/acre	\$20.51

	Cost/ Acre
Foliar insecticide	\$1.26
At planting	\$0.73
Bt use fees	\$1.67
Eradication	\$10.30
Scouting	\$0.28
Total	\$14.23