

Table 23g Texas Southern Rolling Plains Cotton Insect Losses 2003

Pest	acres infested	acres treated	◆ # insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	90,000	90,000	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	483,000	23,000	0.035	\$10.00	\$0.35	0.74	4,528
Pink Bollworm	5,000	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	603,000	95,000	0.145	\$7.50	\$1.09	1.39	8,480
Lygus	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Leaf Perforator	40,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.00	0
Thrips	603,000	20,000	0.031	\$5.00	\$0.15	0.00	0
Beet Armyworm	60,000	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	200,000	0	0.000	N/A	\$0.00	0.00	0
Grasshoppers	160,000	30,000	0.055	\$8.50	\$0.47	0.06	375
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	653,000	8,000	0.012	\$7.00	\$0.09	0.15	918
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemisia)	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	160	160	0.000	\$7.00	\$0.00	0.00	0
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0

Percent Lost	2.34
Total Acres	653,000
Total Bales lost	14,301
Bales lost in dollars	\$4,118,719

Est. yield/acre	314
Spray applications	0.279
Cost + loss	\$13,457,339
Cost + loss/acre	\$20.61

	Cost/ Acre
Foliar insecticide	\$2.15
At planting	\$0.35
Bt use fees	\$1.38
Eradication	\$9.50
Scouting	\$0.92
Total	\$14.30