

Table 23g

Texas Southern Rolling Plains

Cotton Insect Losses 2007

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	20,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	437,000	10,000	0.023	\$11.00	\$0.25	0.50	4,393
Pink Bollworm	4,300	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	437,000	300,000	0.686	\$8.50	\$5.84	1.00	8,786
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	3,500	0	0.000	N/A	\$0.00	0.00	0
Thrips	437,000	0	0.000	N/A	\$0.00	0.00	0
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	250,000	5,000	0.011	\$11.00	\$0.13	0.29	2,513
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	0	0	0.000	N/A	\$0.00	0.00	0
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	100,000	10,000	0.023	\$8.50	\$0.19	0.00	0
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	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	1.79
Total Acres	437,000
Total Bales lost	15,691
Bales lost in dollars	\$4,519,095

Est. yield/acre	646
Spray applications	0.744
Cost + loss	\$13,208,703
Cost + loss/acre	\$30.23

	Cost/Acre
Foliar insecticide	\$6.41
At planting	\$1.04
Bt use fees	\$8.00
Eradication	\$4.00
Scouting	\$0.44
Total	\$19.88

