

Table 23g Texas Southern Rolling Plains Cotton Insect Losses – 2005

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	37,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	343,000	78,750	0.261	\$10.00	\$2.61	3.04	27,583
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	451,774	5,000	0.011	\$6.50	\$0.07	0.25	2,271
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	21,000	800	0.004	\$20.00	\$0.07	0.02	211
Thrips	266,000	0	0.000	N/A	\$0.00	0.00	0
Beet Armyworm	10,000	1,500	0.007	\$15.00	\$0.10	0.00	20
Fall Armyworm	168,750	33,750	0.075	\$15.00	\$1.12	0.52	4,750
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	300	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	250,800	42,750	0.095	\$6.50	\$0.62	0.14	1,261
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	3.97		Est. yield/acre	789			Cost/ Acre
						Foliar insecticide	\$4.59

Total Acres	451,774	Spray applications	0.452	At planting	\$1.32
				Bt use fees	\$4.53
		Cost + loss	\$18,230,651	Eradication	\$5.75
Total Bales lost	36,095			Scouting	\$1.16
Bales lost in dollars	\$10,395,328	Cost + loss/acre	\$40.35	Total	\$17.34