

Table 23i Texas Southern Blacklands Cotton Insect Losses – 2005

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	81,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	42,000	20,000	0.257	\$13.00	\$3.35	0.90	2,188
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	116,500	90,000	1.159	\$8.50	\$9.85	5.00	12,135
Lygus	10,000	2,500	0.021	\$9.50	\$0.20	0.04	104
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	21,000	7,000	0.060	\$15.00	\$0.90	0.36	875
Thrips	100,000	50,000	0.429	\$4.00	\$1.72	0.86	2,083
Beet Armyworm	1,500	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	3,000	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	4,000	2,500	0.021	\$10.00	\$0.21	0.01	21
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	30,000	4,000	0.034	\$7.00	\$0.24	0.13	313
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	7.30		Est. yield/acre	500			Cost/ Acre
						Foliar insecticide	\$16.47

Total Acres	116,510	Spray applications	1.983	At planting	\$9.44
				Bt use fees	\$15.14
		Cost + loss	\$12,183,900	Eradication	\$15.00
Total Bales lost	17,719			Scouting	\$4.72
Bales lost in dollars	\$5,103,000	Cost + loss/acre	\$104.57	Total	\$60.78