

Table 23h

Pest	Texas Southern Blacklands				Cotton Insect Losses 2007		
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	65,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	79,000	6,500	0.074	\$11.45	\$0.85	1.12	2,345
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	105,600	101,400	1.728	\$5.50	\$9.51	1.70	3,553
Lygus	7,000	2,200	0.021	\$7.25	\$0.15	0.01	28
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	8,500	3,500	0.043	\$18.25	\$0.79	0.03	67
Thrips	105,600	52,000	0.689	\$4.50	\$3.10	0.20	418
Beet Armyworm	0	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	67,500	12,500	0.142	\$8.50	\$1.21	0.38	802
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	87,500	4,200	0.040	\$6.50	\$0.26	0.25	520
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	3,000	2,200	0.025	\$7.50	\$0.19	0.00	6

Percent Lost	3.70
Total Acres	105,600
Total Bales lost	7,738
Bales lost in dollars	\$2,228,643

Est. yield/acre	698
Spray applications	2.762
Cost + loss	\$8,331,601
Cost + loss/acre	\$78.90

	Cost/Acre
Foliar insecticide	\$16.05
At planting	\$10.51
Bt use fees	\$9.09
Eradication	\$18.00
Scouting	\$4.14
Total	\$57.79

