

Table 23i

Pest	acres		Texas Southern Blacklands		Cotton Insect Losses ♦ 2004		
	infested	treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	115,000	115,000	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	100,000	36,000	0.360	\$11.50	\$4.14	6.15	17,500
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	130,000	122,000	1.877	\$8.50	\$15.95	3.00	8,531
Lygus	12,000	3,000	0.023	\$9.00	\$0.21	0.09	263
Cotton Leaf Perforator	8,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	15,000	4,000	0.031	\$14.50	\$0.45	0.17	492
Thrips	130,000	28,000	0.215	\$7.00	\$1.51	0.50	1,422
Beet Armyworm	1,500	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
European Comborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	12,000	5,000	0.038	\$10.00	\$0.38	0.09	263
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	2,500	0	0.000	N/A	\$0.00	0.00	0
Aphids	35,000	4,000	0.031	\$8.00	\$0.25	0.13	383
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	10.15
Total Acres	130,000
Total Bales lost	28,853
Bales lost in dollars	\$8,309,700

Est. yield/acre	773
Spray applications	2.575
Cost + loss	\$17,537,900
Cost + loss/acre	\$134.91

	Cost/ Acre
Foliar insecticide	\$22.89
At planting	\$6.19
Bt use fees	\$18.28
Eradication	\$20.00
Scouting	\$3.63
Total	\$70.99