

Table 23a

Pest	Texas Upper Coastal Bend				Cotton Insect Losses ♦ 2004		
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	186,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	186,000	137,640	1.110	\$11.83	\$13.13	2.00	9,300
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	186,000	148,800	1.200	\$6.00	\$7.20	0.00	0
Lygus	150,000	45,000	0.242	\$6.70	\$1.62	0.00	0
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	50,000	2,000	0.011	\$7.50	\$0.08	0.00	0
Thrips	186,000	111,600	0.600	\$5.90	\$3.54	2.50	11,625
Beet Armyworm	35,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	20,000	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	186,000	150,000	0.806	\$9.50	\$7.66	3.00	13,950
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	5,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	186,000	100,000	0.538	\$7.55	\$4.06	0.00	0
Banded Winged Whitefly	120,000	85,000	0.457	\$10.00	\$4.57	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	105,000	35,000	0.188	\$11.00	\$2.07	0.00	0
Southern Armyworms	18,000	2,000	0.011	\$9.00	\$0.10	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	110,000	50,000	0.269	\$7.60	\$2.04	0.00	0

Percent Lost	7.50
Total Acres	186,000
Total Bales lost	34,875
Bales lost in dollars	\$10,044,000

Est. yield/acre	786
Spray applications	5.432
Cost + loss	\$27,479,019
Cost + loss/acre	\$147.74

	Cost/ Acre
Foliar insecticide	\$46.07
At planting	\$8.99
Bt use fees	\$12.10
Eradication	\$20.20
Scouting	\$6.38
Total	\$93.74