

Table 23a Texas Upper Coastal Bend Cotton Insect Losses 2003

Pest	acres infested	acres treated	◆ # insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	182,988	60,386	0.495	\$7.50	\$3.71	1.00	4,575
Bollworm/Budworm	182,988	81,500	0.668	\$10.40	\$6.95	3.00	13,724
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	182,988	155,540	1.700	\$6.39	\$10.86	2.00	9,149
Lygus	65,000	31,000	0.169	\$7.00	\$1.19	0.00	0
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	32,000	0	0.000	N/A	\$0.00	0.00	0
Thrips	182,988	118,942	0.650	\$5.90	\$3.83	1.00	4,575
Beet Armyworm	95,000	18,000	0.098	\$12.00	\$1.18	0.00	0
Fall Armyworm	64,000	31,000	0.169	\$10.75	\$1.82	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	182,988	92,000	0.503	\$7.00	\$3.52	0.00	0
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	2,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	100,000	26,000	0.142	\$7.55	\$1.07	0.00	0
Banded Winged Whitefly	4,000	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	36,000	10,000	0.055	\$8.70	\$0.48	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	90,000	20,000	0.109	\$7.50	\$0.82	0.00	0

Percent Lost	7.00
Total Acres	182,988
Total Bales lost	32,023
Bales lost in dollars	\$9,222,595

Est. yield/acre	672
Spray applications	4.759
Cost + loss	\$24,207,754
Cost + loss/acre	\$132.29

	Cost/ Acre
Foliar insecticide	\$35.43
At planting	\$8.03
Bt use fees	\$11.00
Eradication	\$20.20
Scouting	\$7.23
Total	\$81.89