

Table 23

Pest	Texas Summary			Cotton Insect Losses ♦ 2004			
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	765,171	472,000	0.184	\$7.23	\$1.33	0.20	21,733
Bollworm/Budworm	5,160,671	1,821,040	0.430	\$10.61	\$4.57	1.40	153,983
Pink Bollworm	848,581	85,581	0.073	\$7.63	\$0.56	0.42	46,681
Cotton Fleahopper	2,550,496	1,310,780	0.329	\$6.73	\$2.21	0.31	34,489
Lygus	1,159,363	259,423	0.043	\$7.66	\$0.33	0.35	38,995
Cotton Leaf Perforator	32,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	149,500	14,600	0.003	\$12.26	\$0.04	0.00	492
Thrips	5,774,171	472,600	0.092	\$5.68	\$0.52	1.11	122,857
Beet Armyworm	757,500	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	35,000	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	733,800	323,720	0.054	\$9.40	\$0.51	0.21	22,920
Grasshoppers	61,000	19,200	0.004	\$7.16	\$0.03	0.00	103
Saltmarsh Caterpillars	15,500	0	0.000	N/A	\$0.00	0.00	0
Aphids	4,778,671	536,050	0.091	\$8.11	\$0.74	0.07	7,707
Banded Winged Whitefly	165,000	85,000	0.014	\$10.00	\$0.14	0.00	0
Silverleaf Whitefly (Bemesia)	207,171	50	0.000	\$12.00	\$0.00	0.00	0
Loopers	340,000	45,000	0.008	\$10.22	\$0.08	0.00	0
Southern Armyworms	18,000	2,000	0.000	\$9.00	\$0.00	0.00	0
Darkling Beetle	65,000	5,000	0.001	\$8.75	\$0.01	0.00	0
Cutworms	286,300	145,000	0.024	\$7.60	\$0.18	0.00	0

Percent Lost	4.08
Total Acres	5,969,171
Total Bales lost	449,961
Bales lost in dollars	\$129,588,804

Est. yield/acre	617
Spray applications	1.351
Cost + loss	\$288,115,081
Cost + loss/acre	\$48.27

	Cost/ Acre
Foliar insecticide	\$11.25
At planting	\$1.70
Bt use fees	\$3.04
Eradication	\$9.09
Scouting	\$1.48
Total	\$26.56