

Table 23

Pest	Texas Summary			Cotton Insect Losses 2007			
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	339,700	70,000	0.014	\$8.75	\$0.13	0.03	3,190
Bollworm/Budworm	2,383,693	489,940	0.116	\$10.17	\$1.18	0.81	78,826
Pink Bollworm	42,620	3,150	0.008	\$2.07	\$0.02	0.00	28
Cotton Fleahopper	3,405,898	1,912,472	0.557	\$7.83	\$4.36	1.11	108,057
Lygus	676,446	277,015	0.057	\$8.80	\$0.50	0.11	10,314
Cotton Leaf Perforator	32,500	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	470,679	82,200	0.017	\$10.75	\$0.19	0.03	2,917
Thrips	4,201,069	1,940,549	0.477	\$9.66	\$4.61	0.67	65,062
Beet Armyworm	134,833	5,000	0.001	\$13.75	\$0.01	0.00	229
Fall Armyworm	801,847	222,615	0.054	\$10.26	\$0.55	0.06	5,404
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	680,248	405,500	0.184	\$9.70	\$1.78	0.14	13,186
Grasshoppers	342,056	20,308	0.004	\$13.50	\$0.06	0.00	0
Saltmarsh Caterpillars	343,154	31,539	0.007	\$10.25	\$0.07	0.00	0
Aphids	2,884,850	1,436,573	0.323	\$11.55	\$3.73	0.63	61,162
Banded Winged Whitefly	19,000	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	60,000	32,000	0.007	\$17.69	\$0.12	0.04	3,926
Loopers	110,293	1,000	0.000	\$9.54	\$0.00	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
green Mirid	32,858	5,400	0.001	\$9.75	\$0.01	0.01	685
Cutworms	50,000	27,500	0.006	\$7.25	\$0.04	0.00	0

Percent Lost	3.62
Total Acres	4,832,924
Total Bales lost	352,985
Bales lost in dollars	\$101,659,773

Est. yield/acre	721
Spray applications	1.832
Cost + loss	\$285,500,018
Cost + loss/acre	\$59.07

	Cost/Acre
Foliar insecticide	\$17.35
At planting	\$5.93
Bt use fees	\$4.61
*Eradication	\$8.83
Scouting	\$1.32
Total	\$38.04

