

Table 23d

Pest	Texas High Plains			Cotton Insect Losses 2007			
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	714,462	225,462	0.104	\$10.00	\$1.04	0.54	26,658
Pink Bollworm	10,000	3,000	0.015	\$2.00	\$0.03	0.00	0
Cotton Fleahopper	1,393,846	435,539	0.201	\$7.80	\$1.57	0.94	46,229
Lygus	497,046	255,015	0.107	\$8.75	\$0.94	0.21	10,303
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	328,615	6,500	0.003	\$13.50	\$0.04	0.06	2,725
Thrips	1,986,539	1,701,923	0.858	\$9.86	\$8.46	1.17	57,651
Beet Armyworm	85,231	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	213,385	184,615	0.093	\$10.00	\$0.93	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	0	0	0.000	N/A	\$0.00	0.00	0
Grasshoppers	314,308	20,308	0.009	\$13.50	\$0.12	0.00	0
Saltmarsh Caterpillars	315,154	31,539	0.013	\$10.25	\$0.14	0.00	0
Aphids	1,924,892	1,242,139	0.574	\$12.00	\$6.89	1.13	55,862
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	12,293	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Darkling Beetle	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	4.04
Total Acres	2,379,450
Total Bales lost	199,429
Bales lost in dollars	\$57,435,463

Est. yield/acre	750
Spray applications	1.979
Cost + loss	\$152,853,534
Cost + loss/acre	\$64.24

	Cost/Acre
Foliar insecticide	\$20.16
At planting	\$10.11
Bt use fees	\$2.32
Eradication	\$6.50
Scouting	\$1.01
Total	\$40.10

