

Table 23d

Pest	acres		Texas High Plains		Cotton Insect Losses ♦ 2004		
	infested	treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	50,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	2,847,500	781,650	0.233	\$8.00	\$1.87	1.11	75,192
Pink Bollworm	750,000	60,000	0.107	\$7.00	\$0.75	0.67	45,703
Cotton Fleahopper	223,325	12,500	0.004	\$5.50	\$0.02	0.00	0
Lygus	761,363	175,100	0.052	\$8.00	\$0.42	0.57	38,663
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.00	0
Thrips	3,350,000	250,000	0.097	\$5.50	\$0.53	1.60	108,875
Beet Armyworm	675,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	0	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	20,000	0	0.000	N/A	\$0.00	0.00	0
Grasshoppers	50,000	15,000	0.005	\$8.50	\$0.04	0.00	102
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	3,000,000	25,000	0.009	\$9.50	\$0.09	0.09	6,094
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	5,000	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	65,000	5,000	0.001	\$8.75	\$0.01	0.00	0
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0

Percent Lost	4.04
Total Acres	3,350,000
Total Bales lost	274,628
Bales lost in dollars	\$79,092,921

Est. yield/acre	616
Spray applications	0.509
Cost + loss	\$133,513,671
Cost + loss/acre	\$39.85

	Cost/ Acre
Foliar insecticide	\$3.73
At planting	\$1.82
Bt use fees	\$1.88
Eradication	\$8.00
Scouting	\$0.81
Total	\$16.25