

**Table 23 Texas Summary Cotton Insect Losses – 2005**

<b>Pest</b>	<b>acres infested</b>	<b>acres treated</b>	<b># insect appls</b>	<b>Cost of 1 applic</b>	<b>cost/ acre</b>	<b>%red</b>	<b>Bales lost</b>
Boll Weevil	815,078	244,628	0.152	\$7.12	\$1.08	0.14	17,113
Bollworm/Budworm	5,197,917	1,950,269	0.446	\$7.86	\$3.51	2.13	265,793
Pink Bollworm	568,581	48,000	0.020	\$7.00	\$0.14	0.08	9,564
Cotton Fleahopper	2,817,191	981,015	0.217	\$5.46	\$1.18	0.26	32,913
Lygus	647,886	42,600	0.007	\$7.55	\$0.05	0.00	122
Cotton Leaf Perforator	78,663	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	1,150,228	103,318	0.017	\$10.68	\$0.19	0.05	6,775
Thrips	5,262,917	463,591	0.078	\$5.49	\$0.43	0.61	75,939
Beet Armyworm	694,237	26,000	0.005	\$13.85	\$0.06	0.02	2,515
Fall Armyworm	855,118	329,416	0.058	\$11.25	\$0.66	0.07	9,331
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	650,772	203,350	0.037	\$7.13	\$0.27	0.07	9,240
Grasshoppers	40,300	5,000	0.001	\$7.85	\$0.01	0.00	88
Saltmarsh Caterpillars	43,400	10,000	0.002	\$6.35	\$0.01	0.00	0
Aphids	4,131,217	573,749	0.096	\$7.62	\$0.73	0.12	14,529
Banded Winged Whitefly	80,695	3,000	0.001	\$10.00	\$0.01	0.00	0
Silverleaf Whitefly (Bemesia)	186,625	10,000	0.002	\$12.75	\$0.02	0.00	35
Loopers	771,451	111,537	0.019	\$9.21	\$0.17	0.00	0
Southern Armyworms	11,000	100	0.000	\$9.00	\$0.00	0.00	0
Darkling Beetle	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	142,480	29,637	0.005	\$5.07	\$0.03	0.00	0
Percent Lost	3.55		Est. yield/acre	717			Cost/ Acre
						Foliar insecticide	\$8.54

Total Acres	5,968,201	Spray applications	1.163	At planting	\$2.26
				Bt use fees	\$3.82
		Cost + loss	\$286,716,023	Eradication	\$10.16
Total Bales lost	443,956			Scouting	\$1.83
Bales lost in dollars	\$127,859,212	Cost + loss/acre	\$48.04	Total	\$26.62