

Table 11 California Summary Cotton Insect Losses 2003

Pest	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	0	0	0.000	N/A	\$0.00	0.00	0
Pink Bollworm	20,375	1,019	0.001	\$15.00	\$0.02	0.003	68
Cotton Fleahopper	0	0	0.000	N/A	0.00	0.00	0
Lygus	537,244	268,222	0.465	\$25.00	\$11.63	1.16	26,862
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	604,400	470,089	0.815	\$30.00	\$24.46	0.35	8,059
Thrips	570,822	335,778	0.485	\$15.00	\$7.28	0.08	1,903
Beet Armyworm	470,089	167,889	0.315	\$18.00	\$5.68	0.27	6,268
Fall Armyworm	0	0	0.000	N/A	\$0.00	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	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	604,400	335,778	0.485	\$18.00	\$8.73	0.35	8,059
Banded Winged Whitefly	50,000	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemisia)	570,822	335,778	0.728	\$33.00	\$24.02	0.33	7,611
Loopers	67,156	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Other Insects	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	2.55
Total Acres	691,930
Total Bales lost	58,829
Bales lost in dollars	\$16,942,753

Est. yield/acre	1,180
Spray applications	3.296
Cost + loss	\$85,068,794
Cost + loss/acre	\$122.94

	Cost/ Acre
Foliar insecticide	\$81.82
At planting	\$8.73
Bt use fees	\$0.10
Eradication	\$0.00
Scouting	\$7.80
Total	\$98.46