

Table 11 California Cotton Insect Losses – 2005

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	3,183	0	0.000	N/A	\$0.00	0.00	0
Pink Bollworm	25,000	1,500	0.002	\$9.00	\$0.02	0.019	456
Cotton Fleahopper	0	0	0.000	N/A	0.00	0.00	0
Lygus	509,284	254,642	0.459	\$27.00	\$12.39	3.82	92,838
Cotton Leaf Perforator	15,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	623,873	572,945	1.463	\$30.00	\$43.89	1.87	45,491
Thrips	630,239	1	0.000	\$15.00	\$0.00	0.00	0
Beet Armyworm	318,303	3,056	0.003	\$18.00	\$0.05	0.02	580
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	572,945	318,303	0.397	\$18.00	\$7.14	0.86	20,889
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	381,963	20,000	0.030	\$33.00	\$0.99	0.01	139
Loopers	63,661	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	6.61		Est. yield/acre	1,252			Cost/ Acre
						Foliar insecticide	\$64.48

Total Acres	665,830	Spray applications	2.354	At planting	\$2.63
				Bt use fees	\$0.41
		Cost + loss	\$99,420,804	Eradication (PBW)	\$5.22
Total Bales lost	160,393			Scouting	\$7.21
Bales lost in dollars	\$46,193,131	Cost + loss/acre	\$149.32	Total	\$79.94