

Table 11

Pest	California			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	21,436	4,287	0.010	\$20.00	\$0.20	0.00	0
Pink Bollworm	18,840	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	0	0	0.000	N/A	0.00	0.00	0
Lygus	429,405	180,802	0.422	\$27.00	\$11.39	1.00	15,655
Cotton Leaf Perforator	18,840	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	384,204	339,004	0.791	\$30.00	\$23.72	0.90	14,007
Thrips	406,805	90,401	0.211	\$15.00	\$3.16	0.24	3,708
Beet Armyworm	226,003	2,260	0.005	\$23.00	\$0.12	0.05	824
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	361,604	226,003	0.633	\$20.00	\$12.65	0.84	13,183
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	271,203	135,602	0.316	\$33.00	\$10.44	0.16	2,472
Loopers	45,201	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	3.19
Total Acres	428,725
Total Bales lost	49,850
Bales lost in dollars	\$14,356,811

Est. yield/acre	1,371
Spray applications	2.387
Cost + loss	\$48,532,997
Cost + loss/acre	\$113.20

	Cost/Acre
Foliar insecticide	\$61.68
At planting	\$2.80
Bt use fees	\$1.26
Eradication (PBW)	\$5.71
Scouting	\$8.27
Total	\$79.72