

California Summary

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	0.000	0
Bollworm/budworm	27,900	5,080	0.006	\$11.06	\$0.07	0.000	3
Pink Bollworm	7,800	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	0	0	0.000	N/A	\$0.00	0.000	0
Lygus	826,800	518,800	0.930	\$21.01	\$19.54	3.312	86,330
Cotton Leafperforator	7,800	7,800	0.009	\$21.00	\$0.20	0.00	0
Spider Mites	823,800	707,500	0.856	\$25.00	\$21.39	1.624	42,323
Thrips, early season	757,800	50,000	0.060	\$10.00	\$0.60	0.150	3,906
Beet Armyworm	208,700	101,800	0.147	\$15.02	\$2.21	0.102	2,658
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	7,800	0	0.000	N/A	\$0.00	0.000	0
Grasshoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	7,800	0	0.000	N/A	\$0.00	0.000	0
Aphids	201,000	100,900	0.183	\$15.00	\$2.74	0.201	5,238
Bandedwinged Whitefly	7,800	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato Whitefly	27,800	20,300	0.043	\$29.91	\$1.30	0.033	862
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	0	0	0.000	N/A	\$0.00	0.000	0
Percent Lost	5.42		Est. yield/acre	917			Cost/Acre
						Foliar insecticide	\$48.05
Total Acres	826,800		Spray applications	2.235		At planting	\$1.09
Harvested acres	826,800					Bt use fees	\$0.16
			Cost loss	\$93,119,729		Eradication	\$0.00
Total Bales lost	141,321					Scouting	\$10.00
Bales lost in dollars	\$44,092,009		Cost loss/acre	\$112.63		Total	\$59.30

Imperial Valley- California

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	0.000	0
Bollworm/budworm	7,800	0	0.000	N/A	\$0.00	0.000	0
Pink Bollworm	7,800	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	0	0	0.000	N/A	\$0.00	0.000	0
Lygus	7,800	7,800	1.000	\$22.00	\$22.00	5.000	1,503
Cotton Leafperforator	7,800	7,800	1.000	\$21.00	\$21.00	0.00	0
Spider Mites	7,800	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	7,800	0	0.000	N/A	\$0.00	0.000	0
Beet Armyworm	7,800	1,000	0.128	\$18.00	\$2.31	0.000	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	7,800	0	0.000	N/A	\$0.00	0.000	0

Gras hoppers	0	4,900	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	7,800	0	0.000	N/A	\$0.00	0.000	0
Aphids	0	0	0.000	N/A	\$0.00	0.000	0
Bandedwinged Whitefly	7,800	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato Whitefly	7,800	7,800	3.000	\$32.00	\$96.00	2.000	601
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	0	0	0.000	N/A	\$0.00	0.000	0
Percent Lost	7.00		Est. yield/acre	1,350			Cost/Acre
						Foliar insecticide	\$141.31
Total Acres	7,800		Spray applications	5.128		At planting	\$0.00
Harvested acres	7,800					Bt use fees	\$0.00
			Cost loss	\$1,83 ,765		Eradication	\$0.00
Total Bales lost	2,104					Scouting	\$10.00
Bales lost in dollars	\$656,565		Cost loss/acre	\$235.48		Total	\$151.31

Sacramento Valley - California

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	0.000	0
Bollworm/budworm	100	80	0.007	\$15.00	\$0.11	0.009	3
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	0	0	0.000	N/A	\$0.00	0.000	0
Lygus	11,000	11,000	1.000	\$21.00	\$21.00	2.000	660
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	8,000	7,500	0.682	\$25.00	\$17.05	0.727	240
Thrips, early season	0	0	0.000	N/A	\$0.00	0.000	0
Beet Armyworm	900	800	0.073	\$15.00	\$1.09	0.164	54
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	0	0	0.000	N/A	\$0.00	0.000	0
Gras hoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	1,000	900	0.082	\$15.00	\$1.23	0.091	30
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	0	0	0.000	N/A	\$0.00	0.000	0
Percent Lost	2.99		Est. yield/acre	1,080			Cost/Acre
						Foliar insecticide	\$40.47
Total Acres	11,000		Spray applications	1.844		At planting	\$8.73
Harvested acres	11,000					Bt use fees	\$0.00
			Cost loss	\$959,144		Eradication	\$0.00
Total Bales lost	987					Scouting	\$10.00
Bales lost in dollars	\$307,944		Cost loss/acre	\$87.19		Total	\$59.20

San Joaquin Valley - California

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	0.000	0
Bollworm/budworm	20,000	5,000	0.006	\$11.00	\$0.07	0.000	0
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	0	0	0.000	N/A	\$0.00	0.000	0
Lygus	808,000	500,000	0.928	\$21.00	\$19.49	4.000	84,167
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	808,000	700,000	0.866	\$25.00	\$21.66	2.000	42,083
Thrips, early season	750,000	50,000	0.062	\$10.00	\$0.62	0.186	3,906
Beet Armyworm	200,000	100,000	0.149	\$15.00	\$2.23	0.124	2,604
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	0	0	0.000	N/A	\$0.00	0.000	0
Grasshoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	200,000	100,000	0.186	\$15.00	\$2.78	0.248	5,208
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato Whitefly	20,000	12,500	0.015	\$26.00	\$0.40	0.012	260
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	0	0	0.000	N/A	\$0.00	0.000	0
Percent Lost	6.57		Est. yield/acre	911			Cost/Acre
						Foliar insecticide	\$47.25
Total Acres	808,000		Spray applications	2.212		At planting	\$1.00
Harvested acres	808,000					Bt use fees	\$0.00
			Cost loss	\$90,195,500		Eradication	\$0.00
Total Bales lost	138,229					Scouting	\$10.00
Bales lost in dollars	\$43,127,500		Cost loss/acre	\$111.63		Total	\$58.25