

Table 12

## California Summary

Cotton Insect Losses 2010

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0	0.000	\$0.00	0.00%	0
Bollworm/Budworm	153,500	0	0	0.000	\$0.00	0.00%	0
Pink Bollworm	12,280	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	0	0	0	0.000	\$0.00	0.00%	0
Lygus	276,300	199,550	4	2.275	\$56.88	2.70%	28,762
Cotton Leaf Perforator	12,280	0	0	0.000	\$0.00	0.00%	0
Spider Mites	276,300	153,500	1	0.250	\$7.50	0.09%	959
Thrips	291,650	153,500	1	0.250	\$0.00	0.00%	0
Beet Armyworm	245,600	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	0	0	0	0.000	\$0.00	0.00%	0
European Cornborer	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	0	0	0	0.000	\$0.00	0.00%	0
Grasshoppers	0	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	46,050	0	0	0.000	\$0.00	0.00%	0
Aphids	276,300	46,050	0	0.045	\$1.13	0.05%	479
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	184,200	15,350	0	0.015	\$0.45	0.03%	320
Loopers	30,700	0	0	0.000	\$0.00	0.00%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.00%	0
Cutworms	0	0	0	0.000	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0	0.000	\$0.00	0.00%	0
Other Insects	0	0	0	0.000	\$0.00	0.00%	0
				2.835	\$65.95	2.87%	30,519

## Economic Results

Yield & Management Results	
Total Acres	307,000
Total bales Harvested	849,367
yield (lbs/acre)	1,328
Total bales Lost to Insects	30,519
Percent Yield Loss	2.87%
Yield w/o Insects (lbs/ac)	1,367
Ave. # Spray Applications	2.8
Bales lost all factors	215,884
% yield loss all factors	20.3%

	Total	Per Acre
Foliar Insecticides Costs At Planting	\$20,246,727	\$65.95
Costs	\$2,532,750	\$8.25
In-furrow costs	\$1,842,000	\$6.00
Scouting costs	\$2,763,000	\$9.00
Eradication costs	\$1,698,733	\$5.53
Transgenic cotton	\$0	\$0.00
Total Costs	\$29,083,210	\$94.73
Yield Lost to insects	\$15,601,528	\$50.82
Total Losses + Costs	\$44,684,738	\$145.55

\*\* Due to severe Extension budget constraints, this information could not be collected.