

Table 12

California

Cotton Insect Losses 2012

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	0	0	0	0.000	\$0.00	0.00%	0
Pink Bollworm	18,500	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	0	0	0	0.000	\$0.00	0.00%	0
Lygus	333,000	222,000	1	0.600	\$15.00	0.90%	11,566
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	333,000	222,000	1	0.600	\$12.00	0.05%	578
Thrips	333,000	55,500	1	0.150	\$2.25	0.00%	0
Beet Armyworm	92,500	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	55,500	0	0	0.000	\$0.00	0.00%	0
Grasshoppers	0	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	92,500	37,000	1	0.100	\$2.00	0.01%	161
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	74,000	0	0	0.000	\$0.00	0.00%	0
Loopers	0	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
Other insects	0	0	0	0.000	\$0.00	0.00%	0
Other insects	0	0	0	0.000	\$0.00	0.00%	0
Other insects	0	0	0	0.000	\$0.00	0.00%	0
Other insects	0	0	0	0.000	\$0.00	0.00%	0
				1.450	\$31.25	0.96%	12,305

Yield & Management Results

Total Acres	370,000
Total bales Harvested	1,272,646
yield (lbs/acre)	1,651
Total bales Lost to Insects	12,305
Percent Yield Loss	0.96%
Yield w/o Insects (lbs/ac)	1,667
Ave. # Spray Applications	1.45
Bales lost all factors	11,070
% yield loss all factors	0.97%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$11,562,500	\$31.25
At Planting Costs	\$3,052,500	\$8.25
In-furrow costs	\$2,220,000	\$6.00
Scouting costs	\$3,663,000	\$9.90
Eradication costs	\$2,266,250	\$6.13
Transgenic cotton	\$0	\$0.00
Total Costs	\$22,764,250	\$61.53
Yield Lost to insects	\$5,906,223	\$15.96
Total Losses + Costs	\$28,670,473	\$77.49