

Table 12

California

Cotton Insect losses – 2013

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	0	0	0	0.000	\$0.00	0.00%	0
Cotton Fleahopper	0	0	0	0.000	\$0.00	0.00%	0
Lygus	258,540	166,800	2	0.900	\$22.50	0.05%	430
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.00%	0
Spider Mites	258,540	250,200	1	0.900	\$18.00	0.05%	430
Thrips	250,200	0	0	0.000	\$0.00	0.00%	0
Beet Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Fall Armyworm	0	0	0	0.000	\$0.00	0.00%	0
Brown Stink Bugs	0	0	0	0.000	\$0.00	0.00%	0
Stink Bugs	16,680	13,900	1	0.050	\$1.00	0.18%	1,663
Grasshoppers	0	0	0	0.000	\$0.00	0.00%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.00%	0
Aphids	222,400	55,600	1	0.200	\$4.00	0.00%	0
Banded Winged Whitefly	0	0	0	0.000	\$0.00	0.00%	0
Silverleaf Whitefly (Bemisia)	222,400	83,400	2	0.450	\$13.50	0.05%	443
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
				2.500	\$59.00	0.32%	2,965

Yield & Management Results	
Total Acres	278,000
Total bales Harvested	916,242
yield (lbs/acre)	1,582
Total bales Lost to Insects	2,965
Percent Yield Loss	0.32%
Yield w/o Insects (lbs/ac)	1,587
Ave. # Spray Applications	2.50
Bales lost all factors	7,585
% yield loss all factors	0.82%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$16,402,000	\$59.00
At Planting Costs	\$2,877,300	\$10.35
In-furrow costs	\$1,251,000	\$4.50
Scouting costs	\$2,752,200	\$9.90
Eradication costs	\$1,832,483	\$6.59
Transgenic cotton	\$0	\$0.00
Total Costs	\$25,114,983	\$90.34
Yield Lost to insects	\$1,565,775	\$5.63
Total Losses + Costs	\$26,680,758	\$95.97