

Table 12

## California Summary

## Cotton Insect Losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	9,072	0	0	0.00	\$0.00	0.000%	0
Beet Armyworm	5,022	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	0	0	0	0.00	\$0.00	0.000%	0
Loopers	0	0	0	0.00	\$0.00	0.000%	0
Cutworms	0	0	0	0.00	\$0.00	0.000%	0
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	0	0	0	0.00	\$0.00	0.000%	0
Lygus	157,464	99,954	3	1.54	\$27.77	0.972%	5,415
Stink Bugs	4,536	4,536	3	0.08	\$2.94	0.009%	50
Clouded Plant bugs	0	0	0	0.00	\$0.00	0.000%	0
Brown Stink bug	0	0	0	0.00	\$0.00	0.000%	0
Bagrada Bugs	0	0	0	0.00	\$0.00	0.000%	0
Leaf footed bugs	0	0	0	0.00	\$0.00	0.000%	0
Spider Mites	157,464	149,526	1	0.92	\$18.46	0.243%	1,354
Thrips	157,464	10,044	1	0.06	\$0.62	0.146%	812
Aphids	125,064	51,840	1	0.32	\$5.76	0.008%	43
Grasshoppers	0	0	0	0.00	\$0.00	0.000%	0
Banded Winged Whitefly	0	0	1	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	100,027	75,006	2	0.93	\$20.84	0.154%	860
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetles	0	0	0	0.00	\$0.00	0.000%	0
Mealybugs	0	0	0	0.00	\$0.00	0.000%	0
Crickets	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevils	0	0	0	0.00	\$0.00	0.000%	0
				3.86	\$76.38	1.532%	8,534

## Yield &amp; Management Results

Total Acres	162,000
Total bales Harvested	537,975
yield (lbs/acre)	1,594
Total bales Lost to Insects	8,534
Percent Yield Loss	1.53%
Yield w/o Insects (lbs/ac)	1,619
Ave. # Spray Applications	3.86
Bales lost all factors	19,119
% yield loss all factors	3.43%

## Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$12,373,560	\$76.38
At Planting Costs	\$1,490,400	\$9.20
In-furrow costs	\$317,520	\$1.96
Scouting costs	\$1,377,000	\$8.50
Eradication costs	\$1,075,680	\$6.64
Transgenic cotton	\$262,440	\$1.62
Total Costs	\$16,896,600	\$104.30
Yield Lost to insects	\$4,096,222	\$25.29
Total Losses + Costs	\$20,992,822	\$129.59