

Table 12

California Summary

Cotton Insect Losses 2014

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	10,520	0	0	0.00	\$0.00	0.000%	0
Beet Armyworm	0	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	2	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant bug	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	0	0	0	0.00	\$0.00	0.000%	0
Lygus	199,880	84,160	1	0.40	\$6.00	0.950%	7,765
Stink Bugs	8,416	8,416	3	0.12	\$2.88	0.400%	3,270
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 Bug	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	206,192	189,360	1	0.90	\$5.40	0.000%	0
Thrips	189,360	21,040	1	0.10	\$0.70	0.009%	74
Aphids	189,360	42,080	1	0.20	\$4.00	0.009%	74
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 (Bemisia)	126,240	84,160	2	0.80	\$32.00	0.006%	49
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetle	2,104	2,104	1	0.01	\$0.12	0.000%	0
Boll Weevil	0	0	0	0.00	\$0.00	0.000%	0
				2.53	\$51.10	1.374%	11,231

Yield & Management Results

Total Acres	210,400
Total bales Harvested	740,783
yield (lbs/acre)	1,690
Total bales Lost to Insects	11,231
Percent Yield Loss	1.37%
Yield w/o Insects (lbs/ac)	1,714
Ave. # Spray Applications	2.53
Bales lost all factors	76,624
% yield loss all factors	9.37%

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$10,751,440	\$51.10
At Planting Costs	\$2,051,400	\$9.75
In-furrow costs	\$37,872	\$0.18
Scouting costs	\$1,752,632	\$8.33
Eradication costs	\$0	\$0.00
Transgenic cotton	\$168,320	\$0.80
Total Costs	\$14,761,664	\$70.16
Yield Lost to insects	\$5,390,963	\$25.62
Total Losses + Costs	\$20,152,627	\$95.78