

Table 10

Arizona Summary

Cotton Insect losses 2012

Pest	Acres Infested	acres treated	#apps/ acre trtd	#apps/ tot		%red	Bales lost
				acres	cost/ acre		
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	13,062	409	2.5	0.01	\$0.10	0.02%	154
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	118,192	10,484	0.5	0.03	\$0.16	0.04%	321
Lygus	184,950	129,567	1.9	1.27	\$26.56	2.26%	18,745
Cotton Leaf Perforator	13,032	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	83,737	27,187	1.2	0.16	\$2.98	0.18%	1,490
Thrips	184,421	20,714	0.7	0.07	\$0.83	0.17%	1,404
Beet Armyworm	19,559	409	2.5	0.01	\$0.10	0.00%	3
Fall Armyworm	8,254	0	0.0	0.00	\$0.00	0.00%	0
****Brown Stink Bug****	108,402	60,461	1.8	0.54	\$9.43	0.74%	6,150
****OTHER Stink Bugs**	30,484	3,227	0.8	0.01	\$0.21	0.04%	351
Grasshoppers	29,848	0	0.0	0.00	\$0.00	0.00%	0
Saltmarsh Caterpillars	5,089	0	0.0	0.00	\$0.00	0.00%	0
Aphids	34,227	7,257	0.9	0.03	\$0.53	0.03%	211
Banded Winged Whitefly	54,502	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly (Bemesia)	162,604	132,325	1.8	1.22	\$33.61	0.72%	5,968
Loopers	7,805	0	0.0	0.00	\$0.00	0.00%	0
Pollenators (seed breeding)	21,710	409	2.0	0.00	\$0.06	0.00%	0
Cutworms	0	0	0.0	0.00	\$0.00	0.00%	0
Clouded Plant bugs	0	0	0.0	0.00	\$0.00	0.00%	0
Darkling Beetles	20,851	841	1.0	0.00	\$0.05	0.00%	0
Bagrada bug	274	0	0.0	0.00	\$0.00	0.00%	0
****Citrus thrips****	743	176	1.0	0.00	\$0.01	0.00%	0
Mealy bugs	587	0	0.0	0.00	\$0.00	0.00%	0
Pale-sided Flea Beetle	61,322	3,834	0.3	0.01	\$0.07	0.01%	63
				3.35	\$74.70	4.20%	34,860

Yield & Management Results				Economic Results	
				Total	Per Acre
Total Acres	199,287		BW erad =	\$1.22	
Total bales Harvested	645,113				
Yield (lbs/acre)	1,554		PBW erad =	\$5.49	
Total bales Lost to Insects	34,860				
Percent Yield Loss	4.20%				
Yield w/o Insects (lbs/ac)	1,622				
Ave. # Spray Applications	3.353				
yield loss to all factors	183,499				
% yield loss all factors	22.1%				

All data in this Table are preliminary

Official Arizona Losses may be seen on the Arizona WEB <http://cals.arizona.edu/crops/insects/cil/cil.html>