

Table 9 Arizona Summary Cotton Insect Losses 2006

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.000	N/A	\$0.00	0.000	0
Bollworm/Budworm	37,952	4,067	0.020	\$17.30	\$0.35	0.033	263
Pink Bollworm	37,501	5,422	0.068	\$17.51	\$1.19	0.282	2,218
Cotton Fleahopper	89,097	3,704	0.014	\$10.33	0.14	0.027	211
Lygus	119,702	51,052	0.256	\$17.50	\$4.48	0.846	6,653
Cotton Leaf Perforator	9,651	325	0.002	\$14.00	\$0.02	0.001	6
Spider Mites	41,013	10,049	0.050	\$20.91	\$1.05	0.063	496
Thrips	197,518	22,047	0.111	\$10.56	\$1.17	0.349	2,743
Beet Armyworm	64,286	7,678	0.026	\$18.05	\$0.47	0.037	294
Fall Armyworm	10,608	0	0.000	N/A	\$0.00	0.000	0
European Comborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	79,974	926	0.003	\$17.00	\$0.06	0.097	764
Grasshoppers	41,272	0	0.000	N/A	\$0.00	0.000	0
Saltmarsh Caterpillars	59,635	1,782	0.009	\$14.00	\$0.13	0.004	29
Aphids	7,481	0	0.000	N/A	\$0.00	0.000	0
Banded Winged Whitefly	58,272	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly (Bemisia)	161,737	104,814	0.789	\$28.12	\$22.18	0.578	4,547
Loopers	50,888	1,501	0.008	\$20.00	\$0.15	0.000	1
Yellowstriped Armyworms	0	0	0.000	N/A	\$0.00	0.000	0
Pale-sided Flea Beetles	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	0	0	0.000	N/A	\$0.00	0.000	0
Percent Lost	2.32		Est. yield/acre	1,490			Cost/ Acre
						Foliar insecticide	\$31.39
Total Acres	199,369		Spray applications	1.355		At planting	\$0.62
						Bt use fees	\$29.25
			Cost + loss	\$20,767,579		Eradication*	\$6.20
Total Bales lost	18,226					Scouting	\$10.37
Bales lost in dollars	\$5,249,007		Cost + loss/acre	\$104.17		Total	\$77.84

Official Arizona Cotton Losses may be seen on the Arizona WEB <http://cals.arizona.edu/crops/cotton/insects/cil/cil.html> Eradication includes PBW(\$5.45) and Boll Weevil (\$0.75) = \$6.20