

**Table 9**

Pest	Arizona Summary				Cotton Insect Losses 2007		
	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	36,132	4,444	0.020	\$17.30	\$0.35	0.047	299
Pink Bollworm	32,909	1,680	0.010	\$18.50	\$0.18	0.022	141
Cotton Fleahopper	138,799	8,140	0.023	\$11.00	0.25	0.014	88
Lygus	136,894	105,750	0.680	\$19.00	\$12.92	0.775	4,900
Cotton Leaf Perforator	3,512	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	32,904	9,316	0.053	\$21.50	\$1.13	0.011	70
Thrips	176,689	16,029	0.077	\$10.00	\$0.77	0.050	316
Beet Armyworm	35,967	2,962	0.010	\$18.00	\$0.18	0.007	46
Fall Armyworm	9,124	820	0.002	\$15.00	\$0.03	0.002	11
European Cornborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	64,871	3,303	0.016	\$13.50	\$0.21	0.035	222
Grasshoppers	25,513	820	0.005	\$13.75	\$0.06	0.000	0
Saltmarsh Caterpillars	78,577	15,484	0.088	\$15.00	\$1.31	0.035	220
Aphids	25,494	4,920	0.028	\$17.67	\$0.49	0.001	8
Banded Winged Whitefly	52,784	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly (Bemisia)	150,185	85,574	0.363	\$25.00	\$9.08	0.541	3,419
Loopers	25,859	0	0.000	N/A	\$0.00	0.000	0
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	8,565	0	0.000	N/A	\$0.00	0.000	0

Percent Lost	1.54
Total Acres	176,689
Total Bales lost	9,742
Bales lost in dollars	\$2,805,783

Est. yield/acre	1,430
Spray applications	1.373
Cost + loss	\$16,510,884
Cost + loss/acre	\$93.45

	Cost/Acre
Foliar insecticide	\$26.97
At planting	\$1.19
Bt use fees	\$30.20
Eradication*	\$8.55
Scouting	\$10.66
Total	\$77.57

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

Eradication includes PBW(\$6.33) and Boll Weevil (\$2.22) = \$8.55

