

Table 9a

Pest	acres infested	Arizona nonBt		Cost of 1 applic	Cotton Insect Losses 2007		
		acres treated	# insect appls		cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.000	N/A	\$0.00	0.000	0
Bollworm/Budworm	8,253	4,444	0.280	\$17.30	\$4.84	0.663	285
Pink Bollworm	8,310	1,680	0.132	\$18.50	\$2.45	0.327	141
Cotton Fleahopper	10,690	597	0.024	\$11.00	0.26	0.018	8
Lygus	9,296	7,355	0.745	\$19.00	\$14.15	0.732	315
Cotton Leaf Perforator	1,820	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	1,841	187	0.015	\$21.50	\$0.32	0.003	1
Thrips	12,697	1,270	0.100	\$10.00	\$1.00	0.050	21
Beet Armyworm	4,984	1,270	0.070	\$18.00	\$1.26	0.100	43
Fall Armyworm	924	0	0.000	N/A	\$0.00	0.000	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	3,577	23	0.002	\$13.50	\$0.02	0.001	0
Grasshoppers	2,240	0	0.000	N/A	\$0.00	0.000	0
Saltmarsh Caterpillars	5,079	793	0.062	\$15.00	\$0.94	0.013	5
Aphids	1,260	0	0.000	N/A	\$0.00	0.000	0
Banded Winged Whitefly	3,102	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly (Bemisia)	10,792	6,858	0.405	\$25.00	\$10.13	0.527	227
Loopers	1,260	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	0	0	0.000	N/A	\$0.00	0.000	0

Percent Lost	2.43
Total Acres	12,697
Total Bales lost	1,046
Bales lost in dollars	\$301,353

Est. yield/acre	1,300
Spray applications	1.835
Cost + loss	\$1,131,769
Cost + loss/acre	\$89.14

	Cost/Acre
Foliar insecticide	\$35.37
At planting	\$0.68
Bt use fees	\$0.00
Eradication*	\$19.12
Scouting	\$10.23
Total	\$65.40

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

*Eradication PBW(\$17.02)+ Boll Weevil (\$2.10)= \$5.44

