

Table 9b Arizona nonBt 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	12,201	4,067	0.149	\$17.30	\$2.57	0.268	263
Pink Bollworm	20,334	5,422	0.496	\$17.51	\$8.68	2.258	2,218
Cotton Fleahopper	11,845	271	0.005	\$10.33	0.05	0.026	26
Lygus	16,700	8,134	0.298	\$17.50	\$5.21	0.901	885
Cotton Leaf Perforator	2,784	325	0.012	\$14.00	\$0.17	0.006	6
Spider Mites	6,679	1,465	0.054	\$16.50	\$0.88	0.059	58
Thrips	26,841	4,880	0.179	\$11.88	\$2.12	0.526	517
Beet Armyworm	12,785	5,422	0.149	\$18.00	\$2.68	0.086	84
Fall Armyworm	2,024	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	11,306	0	0.000	N/A	\$0.00	0.004	4
Grasshoppers	4,925	0	0.000	N/A	\$0.00	0.000	0
Saltmarsh Caterpillars	8,134	284	0.010	\$14.00	\$0.15	0.002	2
Aphids	1,084	0	0.000	N/A	\$0.00	0.000	0
Banded Winged Whitefly	8,985	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly (Bemisia)	24,401	18,979	1.042	\$26.00	\$27.08	0.714	702
Loopers	7,970	1,356	0.050	\$20.00	\$0.99	0.001	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	4.85		Est. yield/acre	1,300			Cost/ Acre
						Foliar insecticide	\$50.58
Total Acres	27,334		Spray applications	2.442		At planting	\$0.57
						Bt use fees	\$0.00
Total Bales lost	4,765		Cost + loss	\$3,396,128		Eradication*	\$11.03
Bales lost in dollars	\$1,372,411		Cost + loss/acre	\$124.25		Scouting	\$11.85
						Total	\$74.04

Official Arizona Cotton Losses may be seen on the Arizona WEB <http://cals.arizona.edu/crops/cotton/insects/cil/cil.html> *Eradication FBW (\$10.28) + Boll Weevil (0.75) = \$11.03