

Pest	Arizona Bt				Cotton Insect Losses ♦ 2004		
	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	101,314	5,639	0.030	\$12.50	\$0.37	0.106	802
Pink Bollworm	75,421	0	0.000	N/A	\$0.00	0.040	298
Cotton Fleahopper	143,341	25,170	0.111	\$10.50	1.17	0.189	1,423
Lygus	172,741	135,144	0.852	\$14.93	\$12.72	2.138	16,108
Cotton Leaf Perforator	46,892	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	59,346	15,177	0.077	\$18.70	\$1.45	0.125	939
Thrips	176,415	23,800	0.075	\$8.00	\$0.60	0.093	698
Beet Armyworm	83,291	9,520	0.019	\$11.75	\$0.22	0.024	181
Fall Armyworm	39,222	952	0.000	N/A	\$0.00	0.001	8
European Comborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	106,860	24,124	0.068	\$14.00	\$0.96	0.154	1,163
Grasshoppers	65,477	7,616	0.021	\$14.67	\$0.31	0.023	174
Saltmarsh Caterpillars	65,702	9,520	0.045	\$12.88	\$0.58	0.028	208
Aphids	60,827	476	0.003	\$15.00	\$0.04	0.009	65
Banded Winged Whitefly	91,392	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly (Bemesia)	188,233	142,800	0.975	\$30.04	\$29.29	1.605	12,086
Loopers	55,922	1,904	0.003	\$10.00	\$0.03	0.006	44
Yellowstriped Armyworms	38,080	2,856	0.001	\$12.00	\$0.01	0.004	30
Darkling Beetles	7,616	0	0.000	N/A	\$0.00	0.001	5
Cutworms	21,706	0	0.000	N/A	\$0.00	0.001	5

Percent Lost	4.55
Total Acres	190,400
Total Bales lost	34,237
Bales lost in dollars	\$9,860,337

Est. yield/acre	1,507
Spray applications	2.280
Cost + loss	\$27,154,196
Cost + loss/acre	\$142.62

	Cost/ Acre
Foliar insecticide	\$47.74
At planting	\$0.31
Bt use fees	\$31.68
Eradication	\$1.63
Scouting	\$9.47
Total	\$90.83

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