

Pest	Arizona nonBt				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	36,351	15,985	0.299	\$12.47	\$3.73	0.482	877
Pink Bollworm	44,208	28,001	1.647	\$13.18	\$21.71	2.828	5,146
Cotton Fleahopper	38,995	5,285	0.060	\$9.60	0.58	0.159	289
Lygus	43,832	28,966	0.730	\$15.95	\$11.65	2.074	3,774
Cotton Leaf Perforator	16,845	481	0.010	\$11.75	\$0.12	0.013	23
Spider Mites	17,101	5,839	0.123	\$18.80	\$2.31	0.129	235
Thrips	43,771	5,950	0.075	\$8.00	\$0.60	0.092	167
Beet Armyworm	26,440	8,380	0.150	\$12.11	\$1.81	0.088	160
Fall Armyworm	9,520	405	0.000	N/A	\$0.00	0.002	4
European Comborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	27,461	7,411	0.100	\$14.22	\$1.42	0.129	234
Grasshoppers	17,276	1,380	0.009	\$14.50	\$0.13	0.014	26
Saltmarsh Caterpillars	17,433	4,475	0.094	\$12.08	\$1.14	0.030	55
Aphids	13,385	687	0.000	N/A	\$0.00	0.008	15
Banded Winged Whitefly	20,138	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly Bemisia	47,142	35,700	0.975	\$30.60	\$29.84	1.399	2,547
Loopers	16,680	2,517	0.021	\$10.00	\$0.21	0.031	57
Yellowstriped Armyworms	9,520	1,428	0.003	\$12.00	\$0.04	0.010	18
Darkling Beetles	1,831	0	0.000	N/A	\$0.00	0.001	1
Cutworms	6,591	0	0.000	N/A	\$0.00	0.001	2

Percent Lost	7.49	Est. yield/acre	1,404	Foliar insecticide	\$75.26
Total Acres	47,600	Spray applications	4,295	At planting	\$0.26
Total Bales lost	13,630	Cost + loss	\$8,044,181	Bt use fees	\$0.00
Bales lost in dollars	\$3,925,342	Cost + loss/acre	\$169.00	Eradication	\$1.63
				Scouting	\$9.38
				Total	\$86.53

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