

**Table 9a Arizona Bt Cotton Insect Losses – 2005**

<b>Pest</b>	<b>acres infested</b>	<b>acres treated</b>	<b># insect appls</b>	<b>Cost of 1 applic</b>	<b>cost/ acre</b>	<b>%red</b>	<b>Bales lost</b>
Boll Weevil	0	0	0.000	N/A	\$0.00	0.000	0
Bollworm/Budworm	48,700	3,684	0.000	\$16.00	\$0.00	0.021	142
Pink Bollworm	48,469	3,540	0.020	\$14.00	\$0.28	0.012	80
Cotton Fleahopper	90,064	23,625	0.051	\$6.24	0.32	0.076	503
Lygus	164,515	152,405	1.636	\$17.14	\$28.04	4.183	27,762
Cotton Leaf Perforator	18,290	0	0.000	N/A	\$0.00	0.001	7
Spider Mites	44,250	26,486	0.150	\$25.52	\$3.82	0.156	1,034
Thrips	141,600	24,780	0.125	\$12.34	\$1.54	0.172	1,142
Beet Armyworm	39,810	5,555	0.016	\$16.83	\$0.26	0.009	60
Fall Armyworm	5,923	0	0.000	N/A	\$0.00	0.000	2
European Cornborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	80,891	35,739	0.202	\$13.84	\$2.79	0.114	758
Grasshoppers	11,665	325	0.002	\$18.00	\$0.03	0.014	96
Saltmarsh Caterpillars	18,655	3,540	0.003	\$6.00	\$0.02	0.011	70
Aphids	11,378	2,774	0.019	\$14.00	\$0.26	0.023	154
Banded Winged Whitefly	38,300	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly (Bemisia)	166,629	148,301	2.095	\$28.63	\$59.97	3.295	21,870
Loopers	7,776	885	0.005	\$12.00	\$0.06	0.000	3
Yellowstriped Armyworms	634	0	0.000	N/A	\$0.00	0.000	0
Pale-sided Flea Beetles	9,822	250	0.001	\$15.00	\$0.02	0.000	0
Cutworms	1,138	179	0.001	\$11.73	\$0.01	0.001	5
Percent Lost	8.09		Est. yield/acre	1,320			Cost/ Acre

Foliar

				insecticide	\$97.43
Total Acres	177,000	Spray applications	4.324	At planting	\$0.90
				Bt use fees	\$34.00
		Cost + loss	\$40,717,655	Eradication	\$0.75
Total Bales lost	53,687			Scouting	\$9.60
Bales lost in dollars	\$15,461,889	Cost + loss/acre	\$230.04	Total	\$142.69

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