

Table 9a Arizona Bt Cotton Insect Losses 2003

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	75,583	1,938	0.013	\$10.50	\$0.13	0.069	346
Pink Bollworm	136,937	0	0.000	N/A	\$0.00	0.030	149
Cotton Fleahopper	115,052	17,065	0.062	\$10.50	0.65	0.137	686
Lygus	149,641	131,512	1.983	\$17.40	\$34.51	3.647	18,332
Cotton Leaf Perforator	41,620	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	40,042	14,845	0.092	\$17.95	\$1.66	0.034	173
Thrips	124,859	24,344	0.129	\$9.14	\$1.18	0.138	695
Beet Armyworm	73,578	7,943	0.032	\$11.30	\$0.36	0.049	245
Fall Armyworm	14,247	953	0.000	N/A	\$0.00	0.000	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	81,381	20,021	0.102	\$12.94	\$1.33	0.143	719
Grasshoppers	3,319	0	0.000	N/A	\$0.00	0.000	0
Saltmarsh Caterpillars	22,374	191	0.000	N/A	\$0.00	0.000	0
Aphids	8,578	572	0.004	\$12.00	\$0.05	0.000	2
Banded Winged Whitefly	57,915	1,906	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly (Bemisia)	149,588	127,814	1.341	\$27.53	\$36.92	0.994	4,994
Loopers	46,887	191	0.000	\$15.00	\$0.00	0.000	0
Western Yellowstriped Armywo	1,956	125	0.000	N/A	\$0.00	0.000	0
Striped Flea Beetle	145,000	2,500	0.008	\$12.00	\$0.10	0.000	0
Darkling Beetles	3,000	500	0.002	\$12.00	\$0.02	0.000	0

Percent Lost	5.24	Est. yield/acre	1,223	Cost/ Acre	
Total Acres	152,500	Spray applications	3.769	Foliar insecticide	\$76.91
Total Bales lost	26,342	Cost + loss	\$25,766,922	At planting	\$1.34
Bales lost in dollars	\$7,586,441	Cost + loss/acre	\$168.96	Bt use fees	\$31.81
				Eradication	\$1.78
				Scouting	\$7.38
				Total	\$119.22