

Table 9b Arizona nonBt 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	32,519	10,371	0.170	\$14.25	\$2.42	0.303	535
Pink Bollworm	48,375	36,113	1.612	\$15.31	\$24.69	2.264	3,996
Cotton Fleahopper	37,457	4,977	0.051	\$10.50	0.53	0.126	223
Lygus	49,383	46,485	1.903	\$17.40	\$33.11	2.986	5,270
Cotton Leaf Perforator	17,853	3,151	0.054	\$15.00	\$0.81	0.019	33
Spider Mites	15,097	7,341	0.130	\$17.95	\$2.33	0.044	78
Thrips	45,352	8,806	0.138	\$11.50	\$1.58	0.199	351
Beet Armyworm	25,735	9,097	0.169	\$12.94	\$2.19	0.090	160
Fall Armyworm	4,367	336	0.006	\$10.00	\$0.06	0.001	2
European Cornborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	29,339	7,447	0.112	\$13.50	\$1.52	0.146	258
Grasshoppers	984	0	0.000	N/A	\$0.00	0.000	0
Saltmarsh Caterpillars	8,430	0	0.000	N/A	\$0.00	0.003	5
Aphids	4,703	202	0.004	\$12.00	\$0.05	0.001	1
Banded Winged Whitefly	19,652	672	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly (Bemesia)	50,251	42,044	1.252	\$27.53	\$34.45	0.984	1,737
Loopers	16,773	437	0.004	\$15.00	\$0.06	0.025	44
Western Yellowstriped Armywo	672	168	0.002	\$15.00	\$0.02	0.000	0
Striped Flea Beetle	50,000	1,000	0.009	\$12.00	\$0.11	0.000	0
Darkling Beetles	1,000	500	0.005	\$12.00	\$0.06	0.000	0

Percent Lost	7.19	Est. yield/acre	1,229	Cost/ Acre	
Total Acres	53,750	Spray applications	5.620	Foliar insecticide	\$103.99
Total Bales lost	12,693	Cost + loss	\$9,815,599	At planting	\$0.84
Bales lost in dollars	\$3,655,685	Cost + loss/acre	\$182.62	Bt use fees	\$0.00
				Eradication	\$1.78
				Scouting	\$7.99
				Total	\$114.60