

Table 9 Arizona Summary 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	108,102	12,309	0.054	\$13.59	\$0.73	0.130	881
Pink Bollworm	185,312	36,113	0.420	\$15.31	\$6.43	0.610	4,145
Cotton Fleahopper	152,509	22,042	0.059	\$10.50	0.62	0.134	909
Lygus	199,024	177,997	1.962	\$17.40	\$34.15	3.475	23,602
Cotton Leaf Perforator	59,473	3,151	0.014	\$15.00	\$0.21	0.005	33
Spider Mites	55,139	22,186	0.102	\$17.95	\$1.83	0.037	251
Thrips	170,211	33,150	0.131	\$9.78	\$1.29	0.154	1,047
Beet Armyworm	99,313	17,040	0.068	\$12.36	\$0.84	0.060	405
Fall Armyworm	18,614	1,289	0.002	\$10.00	\$0.02	0.000	2
European Cornborer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	110,720	27,468	0.105	\$13.10	\$1.37	0.144	977
Grasshoppers	4,303	0	0.000	N/A	\$0.00	0.000	0
Saltmarsh Caterpillars	30,804	191	0.000	N/A	\$0.00	0.001	5
Aphids	13,281	774	0.004	\$12.00	\$0.05	0.000	3
Banded Winged Whitefly	77,567	2,578	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly (Bemesia)	199,839	169,858	1.318	\$27.53	\$36.28	0.991	6,732
Loopers	63,660	628	0.001	\$15.00	\$0.02	0.006	44
Western Yellowstriped Armywo	2,628	293	0.000	\$15.00	\$0.01	0.000	0
Striped Flea Beetle	195,000	3,500	0.008	\$12.00	\$0.10	0.000	0
Darkling Beetles	4,000	1,000	0.002	\$12.00	\$0.03	0.000	0

  

Percent Lost	5.75	Est. yield/acre	1,225	Cost/ Acre	
Total Acres	206,250	Spray applications	4.251	Foliar insecticide	\$83.96
Total Bales lost	39,035	Cost + loss	\$35,582,521	At planting	\$1.21
Bales lost in dollars	\$11,242,126	Cost + loss/acre	\$172.52	Bt use fees	\$23.52
				Eradication	\$1.78
				Scouting	\$7.54
				Total	\$118.01