

Arizona Cotton Insect Losses Summary (Foliar Insecticide Use)

Year	Pest	Acres Infested (%)	Acres Treated (%)	Insecticide Applications (No./A)	Control Costs (\$/A)	% of Total Control Costs	Yield Loss (%)	% of Total Insect-Related		Statewide Economic Loss (for yield; \$)	Statewide Economic Loss (for control; \$)
								Yield Loss	Lint Price*		
									(\$/lb)		
1979	All Pests	NA	NA	5.20 ^{7,8}	\$43.69	NA	0.650	NA	0.697	\$2,994,107	\$27,015,382
1979	Boll Weevil	NA	NA	NA	NA	NA	NA	NA	0.697	NA	NA
1979	Boll/budworms	NA	NA	NA	NA	NA	0.100	15.4	0.697	\$460,894	NA
1979	Cotton Leafperforator	NA	NA	NA	NA	NA	0.000	0.0	0.697	\$0	NA
1979	Fleahopper	2	NA	NA	NA	NA	0.000	0.0	0.697	\$0	NA
1979	Lygus bugs	6	NA	NA	NA	NA	0.300	46.2	0.697	\$1,382,683	NA
1979	Others	a	NA	NA	NA	NA	0.050	7.7	0.697	\$228,740	NA
1979	Pink bollworm	NA	NA	NA	NA	NA	0.200	30.8	0.697	\$921,789	NA
1979	Spider Mite	NA	NA	NA	NA	NA	0.000	0.0	0.697	\$0	NA
1979	Thrips	NA	NA	NA	NA	NA	0.000	0.0	0.697	\$0	NA
1980	All Pests	NA	NA	3.54 ⁸	\$30.00	NA	5.506	100.0	0.759	\$28,651,708	\$17,733,000
1980	Boll Weevil	NA	NA	NA	NA	NA	0.010	0.2	0.759	\$51,853	NA
1980	Boll/budworms	NA	NA	NA	NA	NA	0.199	3.6	0.759	\$1,037,053	NA
1980	Cotton Leafperforator	NA	NA	NA	NA	NA	0.999	18.1	0.759	\$5,196,296	NA
1980	Fleahopper	2	NA	NA	NA	NA	0.049	0.9	0.759	\$257,424	NA
1980	Lygus bugs	6	NA	NA	NA	NA	2.000	36.3	0.759	\$10,407,302	NA
1980	Others	b,c	NA	NA	NA	NA	0.149	2.7	0.759	\$775,951	NA
1980	Pink bollworm	NA	NA	NA	NA	NA	2.000	36.3	0.759	\$10,407,302	NA
1980	Spider Mite	NA	NA	NA	NA	NA	0.100	1.8	0.759	\$518,526	NA
1980	Thrips	NA	NA	NA	NA	NA	0.000	0.0	0.759	\$0	NA
1981	All Pests	NA	NA	6.94 ⁸	\$69.00	NA	8.123	100.0	0.573	\$35,964,111	\$43,649,400
1981	Boll Weevil	NA	NA	NA	NA	NA	0.129	1.6	0.573	\$571,267	NA
1981	Boll/budworms	NA	NA	NA	NA	NA	1.503	18.4	0.573	\$6,655,260	NA
1981	Cotton Leafperforator	NA	NA	NA	NA	NA	0.871	11.0	0.573	\$3,856,052	NA
1981	Fleahopper	2	NA	NA	NA	NA	0.020	0.2	0.573	\$88,546	NA
1981	Lygus bugs	6	NA	NA	NA	NA	1.290	16.0	0.573	\$5,712,670	NA
1981	Others	b,c,d	NA	NA	NA	NA			0.573	\$4,998,586	NA
1981	Pink bollworm	NA	NA	NA	NA	NA	1.129	13.5			
1981	Spider Mite	NA	NA	NA	NA	NA	2.903	35.6	0.573	\$12,853,506	NA
1981	Thrips	NA	NA	NA	NA	NA	0.277	3.7	0.573	\$1,228,224	NA
1981	Thrips	NA	NA	NA	NA	NA	0.000	0.0	0.573	\$0	NA
1982	All Pests	NA	NA	7.82 ⁸	\$80.00	NA	7.820	100.0	0.628	\$27,365,441	\$40,928,000
1982	Boll Weevil	NA	NA	NA	NA	NA	1.000	12.8	0.628	\$3,499,417	NA
1982	Boll/budworms	NA	NA	NA	NA	NA	1.500	19.2	0.628	\$5,249,125	NA
1982	Cotton Leafperforator	NA	NA	NA	NA	NA	0.050	0.6	0.628	\$174,971	NA
1982	Fleahopper	2	NA	NA	NA	NA	0.020	0.3	0.628	\$69,988	NA
1982	Lygus bugs	6	NA	NA	NA	NA	1.300	16.6	0.628	\$4,549,242	NA
1982	Others	a,d,e	NA	NA	NA	NA			0.628	\$2,274,621	NA
1982	Pink bollworm	NA	NA	NA	NA	NA	0.650	8.3			
1982	Spider Mite	NA	NA	NA	NA	NA	3.100	39.6	0.628	\$10,848,193	NA
1982	Thrips	NA	NA	NA	NA	NA	0.200	2.6	0.628	\$699,883	NA
1982	Thrips	NA	NA	NA	NA	NA	0.000	0.0	0.628	\$0	NA
1983	All Pests	NA	NA	7.01 ⁸	\$74.00	NA	7.214	100.0	0.703	\$18,684,278	\$23,184,200
1983	Boll Weevil	NA	NA	NA	NA	NA	0.757	10.8	0.703	\$1,960,924	NA
1983	Boll/budworms	NA	NA	NA	NA	NA	1.000	13.5	0.703	\$2,589,900	NA
1983	Cotton Leafperforator	NA	NA	NA	NA	NA	0.057	1.4	0.703	\$147,994	NA
1983	Fleahopper	2	NA	NA	NA	NA	0.014	1.4	0.703	\$36,999	NA
1983	Lygus bugs	6	NA	NA	NA	NA	1.214	16.2	0.703	\$3,144,878	NA
1983	Others	b,c,d	NA	NA	NA	NA			0.703	\$1,442,944	NA
1983	Pink bollworm	NA	NA	NA	NA	NA	0.557	8.1			
1983	Spider Mite	NA	NA	NA	NA	NA	3.514	47.3	0.703	\$9,101,648	NA
1983	Thrips	NA	NA	NA	NA	NA	0.100	1.4	0.703	\$258,990	NA
1983	Thrips	NA	NA	NA	NA	NA	0.000	0.0	0.703	\$0	NA
1984	All Pests	NA	NA	8.01 ⁸	\$85.00	NA	7.106	100.0	0.625	\$25,248,133	\$40,740,500
1984	Boll Weevil	NA	NA	NA	NA	NA	0.800	11.3	0.625	\$2,842,305	NA
1984	Boll/budworms	NA	NA	NA	NA	NA	1.098	15.5	0.625	\$3,900,610	NA
1984	Cotton Leafperforator	NA	NA	NA	NA	NA	0.051	0.7	0.625	\$181,424	NA
1984	Fleahopper	2	NA	NA	NA	NA	0.009	0.7	0.625	\$30,237	NA
1984	Lygus bugs	6	NA	NA	NA	NA	1.200	16.9	0.625	\$4,263,457	NA
1984	Others	b,c,d	NA	NA	NA	NA			0.625	\$514,034	NA
1984	Pink bollworm	NA	NA	NA	NA	NA	0.145	1.4			
1984	Spider Mite	NA	NA	NA	NA	NA	3.702	52.1	0.625	\$13,153,219	NA
1984	Thrips	NA	NA	NA	NA	NA	0.102	1.4	0.625	\$362,847	NA
1984	Thrips	NA	NA	NA	NA	NA	0.000	0.0	0.625	\$0	NA
1985	All Pests	NA	NA	9.77 ⁸	\$95.00	NA	6.880	100.0	0.613	\$20,986,656	\$39,453,500

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						Costs	Yield Loss (%)	Yield Loss (%)	Lint Price* (\$/lb)		
1985	Boll Weevil	NA	NA	NA	NA	NA	0.400	5.8	0.613	\$1,220,154	NA
1985	Boll/budworms	NA	NA	NA	NA	NA	1.000	14.5	0.613	\$3,050,386	NA
1985	Cotton Leafperforator	NA	NA	NA	NA	NA	0.050	0.7	0.613	\$152,519	NA
1985	Fleahopper	NA	NA	NA	NA	NA	0.010	0.1	0.613	\$30,504	NA
1985	Lygus bugs	NA	NA	NA	NA	NA	1.100	16.0	0.613	\$3,355,425	NA
1985	Others	NA	NA	NA	NA	NA	1.300	18.9	0.613	\$3,965,502	NA
1985	Pink bollworm	NA	NA	NA	NA	NA	2.600	37.8	0.613	\$7,931,004	NA
1985	Spider Mite	NA	NA	NA	NA	NA	0.400	5.8	0.613	\$1,220,154	NA
1985	Thrips	NA	NA	NA	NA	NA	0.020	0.3	0.613	\$61,008	NA
1986	All Pests	NA	NA	7.3	\$66.60	NA	4.069	100.0	0.606	\$9,745,080	\$21,498,480
1986	Beet armyworm	34	28	0.5	\$4.50	6.8	0.083	2.0	0.606	\$198,192	\$1,452,600
1986	Boll Weevil	28	14	1.1	\$9.90	14.9	0.055	1.2	0.606	\$132,128	\$3,195,720
1986	Boll/budworms	69	28	0.5	\$5.00	7.5	0.276	6.7	0.606	\$660,639	\$1,614,000
1986	Cotton Leafperforator	76	41	0.8	\$7.20	10.8	0.124	3.0	0.606	\$297,287	\$2,324,160
1986	Fleahopper	17	3	0	\$0.00	0.0	0.000	0.0	0.606	\$661	\$0
1986	Lygus bugs	83	62	1.2	\$10.80	16.2	0.745	18.4	0.606	\$1,783,724	\$3,486,240
1986	Minor Pests	34	28	0.8	\$7.20	10.8	0.028	0.5	0.606	\$66,064	\$2,324,160
1986	Pink bollworm	93	90	1.7	\$15.30	23.0	2.600	64.5	0.606	\$6,226,519	\$4,938,840
1986	Spider Mite	62	34	0.6	\$6.00	9.0	0.138	3.2	0.606	\$330,319	\$1,936,800
1986	Thrips	95	10	0.1	\$0.70	1.1	0.021	0.5	0.606	\$49,548	\$225,960
1987	All Pests	NA	NA	12.8	\$118.10	NA	3.393	100.0	0.657	\$9,111,241	\$34,130,900
1987	Beet armyworm	30	20	0.4	\$3.60	3.0	0.040	1.2	0.657	\$107,517	\$1,040,400
1987	Boll Weevil	33	17	1.3	\$11.70	9.9	0.083	2.4	0.657	\$223,863	\$3,381,300
1987	Boll/budworms	74	27	0.5	\$5.00	4.2	0.214	6.2	0.657	\$573,847	\$1,445,000
1987	Cotton Leafperforator	67	40	0.8	\$7.20	6.1	0.080	2.4	0.657	\$215,035	\$2,080,800
1987	Fleahopper	20	3	0	\$0.00	0.0	0.000	0.0	0.657	\$631	\$0
1987	Lygus bugs	87	64	1.2	\$10.80	9.1	0.634	18.6	0.657	\$1,703,569	\$3,121,200
1987	Minor Pests	60	50	2	\$18.00	15.2	0.050	1.5	0.657	\$134,318	\$5,202,000
1987	Pink bollworm	100	97	5.8	\$52.20	44.2	2.130	63.0	0.657	\$5,720,498	\$15,085,800
1987	Spider Mite	67	40	0.8	\$9.60	8.1	0.160	4.7	0.657	\$430,385	\$2,774,400
1987	Thrips	100	7	0	\$0.00	0.0	0.001	0.0	0.657	\$1,577	\$0
1988	All Pests	NA	NA	7.1	\$63.60	NA	2.123	100.0	0.704	\$7,952,591	\$30,337,200
1988	Beet armyworm	33	27	0.8	\$9.60	15.1	0.266	12.7	0.704	\$996,639	\$4,579,200
1988	Boll Weevil	33	27	1.3	\$6.50	10.2	0.053	2.4	0.704	\$199,328	\$3,100,500
1988	Boll/budworms	58	22	0.4	\$4.00	6.3	0.177	8.5	0.704	\$664,426	\$1,908,000
1988	Cotton Leafperforator	42	22	0.2	\$1.80	2.8	0.022	0.9	0.704	\$83,053	\$858,600
1988	Fleahopper	11	2	0	\$0.00	0.0	0.000	0.0	0.704	\$977	\$0
1988	Lygus bugs	60	40	0.8	\$7.20	11.3	0.319	15.1	0.704	\$1,195,966	\$3,434,400
1988	New Pests	44	31	0.6	\$6.00	9.4	0.025	0.9	0.704	\$93,150	\$2,862,000
1988	Pink bollworm	73	62	2.5	\$22.50	35.4	1.180	55.7	0.704	\$4,418,432	\$10,732,500
1988	Spider Mite	44	27	0.5	\$6.00	9.4	0.080	3.8	0.704	\$298,992	\$2,862,000
1988	Thrips	78	4	0	\$0.00	0.0	0.000	0.0	0.704	\$1,628	\$0
1989	All Pests	NA	NA	8.2	\$76.70	NA	2.328	100.0	0.785	\$9,892,538	\$37,084,450
1989	Aphids	7	2	0	\$0.00	0.0	0.001	0.0	0.785	\$4,491	\$0
1989	Beet armyworm	24	20	0.6	\$7.20	9.4	0.117	5.2	0.785	\$497,442	\$3,481,200
1989	Boll Weevil	26	22	0.9	\$4.50	5.9	0.011	0.4	0.785	\$45,944	\$2,175,750
1989	Boll/budworms	65	33	0.7	\$7.00	9.1	0.195	8.6	0.785	\$829,070	\$3,384,500
1989	Cotton Leafperforator	43	22	0.4	\$3.60	4.7	0.022	0.9	0.785	\$92,234	\$1,740,600
1989	Fleahopper	13	2	0	\$0.00	0.0	0.000	0.0	0.785	\$1,036	\$0
1989	Lygus bugs	59	41	0.8	\$7.20	9.4	0.412	17.6	0.785	\$1,750,375	\$3,481,200
1989	New Pests	9	4	0.1	\$0.90	1.2	0.004	0.0	0.785	\$18,309	\$435,150
1989	Pink bollworm	70	63	3.2	\$28.80	37.5	1.320	56.7	0.785	\$5,610,043	\$13,924,800
1989	Spider Mite	30	20	0.2	\$2.40	3.1	0.039	1.7	0.785	\$165,814	\$1,160,400
1989	Thrips	76	7	0.1	\$0.70	0.9	0.001	0.0	0.785	\$2,764	\$338,450
1989	Whitefly	43	41	1.2	\$14.40	18.8	0.206	9.0	0.785	\$875,015	\$6,962,400
1990	All Pests	NA	NA	11.4	\$113.40	NA	5.992	100.0	0.759	\$21,973,710	\$53,524,800
1990	Aphids	17	7	0.1	\$0.90	0.8	0.005	0.2	0.759	\$19,117	\$424,800
1990	Beet armyworm	22	17	0.3	\$3.00	2.6	0.069	1.2	0.759	\$254,777	\$1,416,000
1990	Boll Weevil	9	2	0	\$0.00	0.0	0.000	0.0	0.759	\$695	\$0
1990	Boll/budworms	61	30	0.6	\$6.00	5.3	0.152	2.5	0.759	\$557,520	\$2,832,000
1990	Cotton Leafperforator	43	24	0.5	\$4.50	4.0	0.024	0.3	0.759	\$87,590	\$2,124,000
1990	Fleahopper	20	4	0	\$0.00	0.0	0.001	0.0	0.759	\$3,128	\$0
1990	Lygus bugs	87	63	1.9	\$17.10	15.1	0.945	15.8	0.759	\$3,465,033	\$8,071,200
1990	Pink bollworm	91	85	6.8	\$68.00	60.0	4.490	74.8	0.759	\$16,464,554	\$32,096,000
1990	Spider Mite	13	7	0.1	\$1.20	1.1	0.005	0.2	0.759	\$19,117	\$566,400
1990	Thrips	78	8	0.1	\$0.70	0.6	0.001	0.0	0.759	\$2,781	\$330,400
1990	Whitefly	61	50	1	\$12.00	10.6	0.300	5.0	0.759	\$1,099,398	\$5,664,000

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								Yield Loss	Lint Price*		
									(\$/lb)		
1991	All Pests	NA	NA	9.8	\$106.10	NA	3.170	100.0	0.667	\$11,009,632	\$49,018,200
1991	Aphids	27	13	0.2	\$2.00	1.9	0.012	0.3	0.667	\$41,492	\$924,000
1991	Beet armyworm	24	19	0.4	\$4.40	4.1	0.075	2.5	0.667	\$261,742	\$2,032,800
1991	Boll Weevil	0	0	0	\$0.00	0.0	0.000	0.0	0.667	\$0	\$0
1991	Boll/budworms	69	33	0.7	\$7.00	6.6	0.166	5.4	0.667	\$577,196	\$3,234,000
1991	Cotton Leafperforator	3	44	24	\$5.00	4.7	0.024	0.6	0.667	\$84,689	\$2,310,000
1991	Fleahopper	27	9	0.1	\$0.90	0.8	0.004	0.0	0.667	\$12,220	\$415,800
1991	Lygus bugs	93	82	3.3	\$33.00	31.1	1.640	51.7	0.667	\$5,695,793	\$15,246,000
1991	Minor Pests	d	62	51	\$25.20	23.8	0.306	9.8	0.667	\$1,062,313	\$11,642,400
1991	Pink bollworm	84	62	2.5	\$25.00	23.6	0.931	29.3	0.667	\$3,232,694	\$11,550,000
1991	Spider Mite	20	11	0.2	\$2.80	2.6	0.011	0.3	0.667	\$38,366	\$1,293,600
1991	Thrips	5	84	9	\$0.80	0.8	0.001	0.0	0.667	\$3,126	\$369,600
1992	All Pests	NA	NA	7.7	\$121.10	NA	9.818	100.0	0.569	\$23,135,465	\$51,467,500
1992	Aphids	49	24	0.5	\$7.50	6.2	0.366	3.8	0.569	\$862,606	\$3,187,500
1992	Beet armyworm	98	2	0	\$0.00	0.0	0.002	0.0	0.569	\$5,860	\$0
1992	Boll Weevil	0	0	0	\$0.00	0.0	0.000	0.0	0.569	\$0	\$0
1992	Boll/budworms	5	2	0	\$0.00	0.0	0.006	0.1	0.569	\$14,512	\$0
1992	Cabbage looper	24	3	0.1	\$1.00	0.8	0.000	0.0	0.569	\$0	\$425,000
1992	Cotton Leafperforator	3	49	12	\$2.40	2.0	0.012	0.1	0.569	\$28,744	\$1,020,000
1992	Fleahopper	49	2	0	\$0.00	0.0	0.000	0.0	0.569	\$0	\$0
1992	Grasshopper	1	0	0	\$0.00	0.0	0.000	0.0	0.569	\$0	\$0
1992	Lygus bugs	98	24	0.5	\$5.00	4.1	0.122	1.2	0.569	\$287,442	\$2,125,000
1992	Pink bollworm	104	37	1.1	\$11.00	9.1	0.732	7.4	0.569	\$1,724,932	\$4,675,000
1992	Saltmarsh Caterpillars	24	0	0	\$0.00	0.0	0.000	0.0	0.569	\$0	\$0
1992	Spider Mite	1	0	0	\$0.00	0.0	0.000	0.0	0.569	\$0	\$0
1992	Stink bug	9	104	12	\$2.40	2.0	0.037	0.4	0.569	\$86,233	\$1,020,000
1992	Thrips	5	104	1	\$0.00	0.0	0.000	0.0	0.569	\$0	\$0
1992	Whitefly	4	98	85	\$91.80	75.8	8.540	87.0	0.569	\$20,125,136	\$39,015,000
1993	All Pests	NA	NA	3.8	\$68.30	NA	4.317	100.0	0.614	\$11,178,353	\$25,400,770
1993	Aphids	85	30	0.3	\$3.60	5.3	0.270	6.3	0.614	\$699,261	\$1,338,840
1993	Beet armyworm	80	20	0.2	\$2.40	3.5	0.000	0.0	0.614	\$0	\$892,560
1993	Boll Weevil	0	0	0	\$0.00	0.0	0.000	0.0	0.614	\$0	\$0
1993	Boll/budworms	30	2	0	\$0.00	0.0	0.000	0.0	0.614	\$0	\$0
1993	Cabbage looper	25	0	0	\$0.00	0.0	0.000	0.0	0.614	\$0	\$0
1993	Cotton Leafperforator	3	60	7	\$1.20	1.8	0.063	1.4	0.614	\$163,190	\$446,280
1993	Fleahopper	90	5	0.1	\$1.10	1.6	0.000	0.0	0.614	\$0	\$409,090
1993	Grasshopper	10	0	0	\$0.00	0.0	0.000	0.0	0.614	\$0	\$0
1993	Lygus bugs	90	5	0.2	\$2.60	3.8	0.500	11.6	0.614	\$1,294,831	\$966,940
1993	Pink bollworm	90	5	0.1	\$1.20	1.8	0.045	1.2	0.614	\$116,688	\$446,280
1993	Saltmarsh Caterpillars	60	10	0.1	\$1.20	1.8	0.090	2.1	0.614	\$233,087	\$446,280
1993	Spider Mite	5	2	0	\$0.00	0.0	0.000	0.0	0.614	\$0	\$0
1993	Stink bug	70	1	0	\$0.00	0.0	0.000	0.0	0.614	\$0	\$0
1993	Thrips	5	100	10	\$3.00	4.4	0.090	2.1	0.614	\$233,087	\$1,115,700
1993	Whitefly	4	75	66	\$52.00	76.1	3.258	75.5	0.614	\$8,438,209	\$19,338,800
1994	All Pests	NA	NA	9.0	\$138.20	NA	10.591	100.0	0.706	\$28,016,459	\$43,118,400
1994	Aphids	8	2	0	\$0.00	0.0	0.000	0.0	0.706	\$0	\$0
1994	Beet armyworm	80	16	0.2	\$3.00	2.2	0.040	0.4	0.706	\$106,085	\$936,000
1994	Boll Weevil	0	0	0	\$0.00	0.0	0.000	0.0	0.706	\$0	\$0
1994	Boll/budworms	19	2	0	\$0.00	0.0	0.004	0.0	0.706	\$10,747	\$0
1994	Cabbage looper	8	0	0	\$0.00	0.0	0.000	0.0	0.706	\$0	\$0
1994	Cotton Leafperforator	3	48	24	\$2.80	2.0	0.120	1.1	0.706	\$318,255	\$873,600
1994	Cutworms	0	0	0	\$0.00	0.0	0.000	0.0	0.706	\$0	\$0
1994	Fleahopper	0	0	0	\$0.00	0.0	0.000	0.0	0.706	\$0	\$0
1994	Grasshopper	0	0	0	\$0.00	0.0	0.000	0.0	0.706	\$0	\$0
1994	Lygus bugs	100	80	1.2	\$14.40	10.4	4.812	45.5	0.706	\$12,729,837	\$4,492,800
1994	Pink bollworm	96	96	2.9	\$29.00	21.0	3.850	36.4	0.706	\$10,183,801	\$9,048,000
1994	Saltmarsh Caterpillars	32	6	0.1	\$1.00	0.7	0.000	0.0	0.706	\$0	\$312,000
1994	Spider Mite	6	0	0	\$0.00	0.0	0.000	0.0	0.706	\$0	\$0
1994	Stink bug	13	0	0	\$0.00	0.0	0.000	0.0	0.706	\$0	\$0
1994	Thrips	5	100	5	\$0.00	0.0	0.000	0.0	0.706	\$0	\$0
1994	Whitefly	4	96	88	\$88.00	63.7	1.765	16.6	0.706	\$4,667,734	\$27,456,000
1995	All Pests	NA	NA	12.5	\$217.00	NA	8.683	100.0	0.767	\$27,603,755	\$89,425,700
1995	Aphids	19	9	0.1	\$1.80	0.8	0.000	0.0	0.767	\$0	\$741,780
1995	Beet armyworm	75	38	0.4	\$6.00	2.8	0.094	1.0	0.767	\$298,624	\$2,472,600
1995	Boll Weevil	0	0	0	\$0.00	0.0	0.000	0.0	0.767	\$0	\$0
1995	Boll/budworms	10	3	0	\$0.00	0.0	0.000	0.1	0.767	\$0	\$0
1995	Cabbage looper	13	0	0	\$0.00	0.0	0.000	0.0	0.767	\$0	\$0

Arizona Cotton Insect Losses Summary (Foliar Insecticide Use)

Year	Pest	Acres Infested (%)	Acres Treated (%)	Insecticide Applications (No./A)	Control Costs (\$/A)	% of Total Control		% of Total Insect-Related		Lint Price* (\$/lb)	Statewide Economic Loss (for yield;\$)	Statewide Economic Loss (for control;\$)
						Costs	Yield Loss (%)	Yield Loss (%)	Yield Loss (%)			
1995	Cotton Leafperforator	3	38	4	0	\$0.00	0.0	0.000	0.0	0.767	\$0	\$0
1995	Cutworms		0	0	0	\$0.00	0.0	0.000	0.0	0.767	\$0	\$0
1995	Fleahopper		0	0	0	\$0.00	0.0	0.000	0.0	0.767	\$0	\$0
1995	Grasshopper		0	0	0	\$0.00	0.0	0.000	0.0	0.767	\$0	\$0
1995	Lygus bugs		100	90	2.3	\$27.60	12.7	6.085	70.0	0.767	\$19,344,399	\$11,373,960
1995	Pink bollworm		100	95	2.9	\$34.80	16.0	1.189	13.7	0.767	\$3,781,283	\$14,341,080
1995	Saltmarsh Caterpillars		63	8	0.1	\$1.00	0.5	0.000	0.0	0.767	\$0	\$412,100
1995	Spider Mite		3	0	0	\$0.00	0.0	0.000	0.0	0.767	\$0	\$0
1995	Stink bug		25	0	0	\$0.00	0.0	0.000	0.0	0.767	\$0	\$0
1995	Thrips	5	100	8	0.1	\$0.60	0.3	0.000	0.0	0.767	\$0	\$247,260
1995	Whitefly	4	88	88	6.6	\$145.20	66.9	1.315	15.1	0.767	\$4,179,449	\$59,836,920
1996	All Pests		NA	NA	5.69	\$111.19	NA	10.000	100.0	0.697	\$34,217,687	\$34,914,995
1996	Aphids		94	2	0.015	\$0.27	0.2	0.000	0.0	0.697	\$0	\$84,780
1996	Beet armyworm		93	1	0.006	\$0.09	0.1	0.093	0.9	0.697	\$317,006	\$28,260
1996	Boll Weevil		0	0	0	\$0.00	0.0	0.000	0.0	0.697	\$0	\$0
1996	Boll/budworms		41	12	0.241	\$2.95	2.7	0.000	0.0	0.697	\$0	\$927,007
1996	Cabbage looper		0	0	0	\$0.00	0.0	0.000	0.0	0.697	\$0	\$0
1996	Cotton Leafperforator		23	2	0.022	\$0.26	0.2	0.162	1.6	0.697	\$554,591	\$82,896
1996	Cutworms		0	0	0.003	\$0.03	0.0	0.000	0.0	0.697	\$0	\$10,362
1996	Fleahopper	2	90	15	0.077	\$0.54	0.5	0.000	0.0	0.697	\$0	\$169,246
1996	Grasshopper		0	0	0	\$0.00	0.0	0.000	0.0	0.697	\$0	\$0
1996	Lygus bugs		100	50	1.262	\$25.24	22.7	4.750	47.5	0.697	\$16,253,807	\$7,925,360
1996	Pink bollworm		92	49	1.728	\$20.74	18.6	2.768	27.7	0.697	\$9,473,333	\$6,511,104
1996	Saltmarsh Caterpillars		12	0	0.004	\$0.05	0.0	0.000	0.0	0.697	\$0	\$15,700
1996	Spider Mite		2	1	0.009	\$0.10	0.1	0.000	0.0	0.697	\$0	\$31,086
1996	Stink bug		15	2	0.019	\$0.29	0.3	0.015	0.2	0.697	\$52,722	\$89,490
1996	Thrips	5	100	31	0.309	\$2.78	2.5	0.100	1.0	0.697	\$342,353	\$873,234
1996	Whitefly	4	94	73	1.995	\$57.86	52.0	2.111	21.1	0.697	\$7,223,877	\$18,166,470
1997	All Pests		NA	NA	5.34	\$107.55	NA	6.357	100.0	0.647	\$20,063,646	\$34,844,800
1997	Aphids		76	0	0.002	\$0.03	0.0	0.000	0.0	0.647	\$0	\$9,104
1997	Beet armyworm		76	8	0.076	\$1.39	1.3	0.000	0.0	0.647	\$0	\$449,142
1997	Boll Weevil		0	0	0	NA	NA	0.000	0.0	0.647	\$0	\$0
1997	Boll/budworms		43	10	0.155	\$1.95	1.8	0.043	0.7	0.647	\$134,474	\$631,265
1997	Cabbage looper		8	0	0	NA	NA	0.000	0.0	0.647	\$0	\$0
1997	Cotton Leafperforator		21	0	0.004	\$0.06	0.1	0.000	0.0	0.647	\$0	\$18,585
1997	Cutworms		1	0	0	NA	NA	0.000	0.0	0.647	\$0	\$0
1997	Fleahopper	2	100	3	0.03	\$0.28	0.3	0.000	0.0	0.647	\$0	\$91,465
1997	Grasshopper		6	0	0	NA	NA	0.000	0.0	0.647	\$0	\$0
1997	Lygus bugs		100	91	2.097	\$37.66	35.0	2.630	41.4	0.647	\$8,301,775	\$12,202,527
1997	Pink bollworm		97	30	0.912	\$10.99	10.2	2.626	41.3	0.647	\$8,289,494	\$3,560,630
1997	Saltmarsh Caterpillars		18	1	0.012	\$0.14	0.1	0.000	0.0	0.647	\$0	\$46,850
1997	Spider Mite		4	0	0.004	\$0.07	0.1	0.000	0.0	0.647	\$0	\$23,328
1997	Stink bug		30	3	0.03	\$0.45	0.4	0.030	0.5	0.647	\$96,097	\$145,800
1997	Thrips	5	100	20	0.201	\$1.80	1.7	0.000	0.0	0.647	\$0	\$584,162
1997	Whitefly	4	94	85	1.813	\$52.72	49.0	1.027	16.2	0.647	\$3,241,806	\$17,081,941
1998	All Pests		NA	NA	4.68	\$103.39	NA	8.936	100.0	0.547	\$18,787,056	\$25,639,654
1998	Aphids		30	5	0.1	\$1.70	1.6	0.000	0.0	0.547	\$0	\$421,600
1998	Beet armyworm		76	9	0.09	\$1.35	1.3	0.380	4.3	0.547	\$798,912	\$334,800
1998	Boll Weevil		0	0	0	NA	NA	0.000	0.0	0.547	\$0	\$0
1998	Boll/budworms		40	6	0.06	\$0.89	0.9	0.040	0.4	0.547	\$84,096	\$220,670
1998	Cabbage looper		30	0	0	NA	NA	0.000	0.0	0.547	\$0	\$0
1998	Cotton Leafperforator		10	0	0.002	\$0.03	0.0	0.000	0.0	0.547	\$0	\$7,440
1998	Cutworms		1	0	0.002	\$0.03	0.0	0.000	0.0	0.547	\$0	\$7,440
1998	Fleahopper	2	101	1	0.007	\$0.06	0.1	0.000	0.0	0.547	\$0	\$13,888
1998	Grasshopper		12	1	0.01	\$0.12	0.1	0.000	0.0	0.547	\$0	\$29,760
1998	Lygus bugs		101	93	2.76	\$55.20	53.4	7.000	78.3	0.547	\$14,716,807	\$13,689,600
1998	Pink bollworm		80	25	0.375	\$5.97	5.8	0.800	9.0	0.547	\$1,681,921	\$1,480,560
1998	Saltmarsh Caterpillars		16	1	0.008	\$0.12	0.1	0.000	0.0	0.547	\$0	\$28,768
1998	Spider Mite		20	2	0.02	\$0.36	0.3	0.120	1.3	0.547	\$252,288	\$89,280
1998	Stink bug		10	3	0.03	\$0.39	0.4	0.020	0.2	0.547	\$42,048	\$96,720
1998	Thrips	5	101	17	0.17	\$1.47	1.4	0.300	3.4	0.547	\$630,720	\$365,527
1998	Whitefly	4	93	75	1.05	\$35.70	34.5	0.276	3.1	0.547	\$580,263	\$8,853,600
1999	All Pests				1.91	\$37.19	100.0	4.556	100.0		\$8,233,382	\$10,004,987
1999	Aphids		30	4	0.039	\$0.64	1.7	0.001	0.0	0.439	\$2,208	\$173,102
1999	Beet armyworm		54	2	0.027	\$0.41	1.1	0.000	0.0	0.439	\$0	\$108,945
1999	Boll Weevil		0	0	0	NA	NA	0.000	0.0	0.439	\$0	\$0

Arizona Cotton Insect Losses Summary (Foliar Insecticide Use)

Year	Pest	Acres Infested (%)	Acres Treated (%)	Insecticide Applications (No./A)	Control Costs (\$/A)	% of Total Control		% of Total Insect-Related		Statewide Economic Loss (for yield;\$)	Statewide Economic Loss (for control;\$)	
						Yield Loss (%)	Costs	Yield Loss (%)	Lint Price* (\$/lb)			
1999	Boll/budworms	40	6	0.058	\$0.85	2.3	0.037	0.8	0.439	\$67,718	\$228,881	
1999	Cabbage looper	10	0	0	NA	NA	0.000	0.0	0.439	\$0	\$0	
1999	Cotton Leafperforator	14	0	0.004	\$0.06	0.2	0.000	0.0	0.439	\$0	\$16,140	
1999	Cutworms	0	0	0	NA	NA	0.000	0.0	0.439	\$0	\$0	
1999	Fleahopper	2	70	1	0.003	\$0.02	0.1	0.000	0.0	0.439	\$0	\$6,456
1999	Grasshopper	5	0	0	NA	NA	0.000	0.0	0.439	\$0	\$0	
1999	Lygus bugs	100	51	1.019	\$19.97	53.7	3.323	72.9	0.439	\$6,004,086	\$5,372,576	
1999	Pink bollworm	85	13	0.336	\$4.03	10.8	0.987	21.7	0.439	\$1,782,750	\$1,084,608	
1999	Saltmarsh Caterpillars	17	0	0	NA	NA	0.000	0.0	0.439	\$0	\$0	
1999	Spider Mite	25	0	0.003	\$0.05	0.1	0.002	0.0	0.439	\$4,416	\$13,316	
1999	Stink bug	9	1	0.007	\$0.09	0.2	0.001	0.0	0.439	\$1,717	\$24,479	
1999	Thrips	5	100	2	0.017	\$0.15	0.4	0.031	0.7	0.439	\$55,941	\$41,157
1999	Whitefly	4	92	40	\$10.91	29.3	0.174	3.8	0.439	\$314,545	\$2,935,328	
2000	All Pests			2.80	\$56.54	100.0	5.38	100.0		\$10,646,876	\$15,718,729	
2000	Aphids	12	1	0.006	\$0.14	0.2	0.006	0.1	0.397	\$11,301	\$38,364	
2000	Beet armyworm	61	21	0.195	\$2.07	3.7	0.023	0.4	0.397	\$44,600	\$576,252	
2000	Boll Weevil	0	0	0	NA	NA	0.000	0.0	0.397	\$0	NA	
2000	Boll/budworms	37	14	0.17	\$2.78	4.9	0.309	5.7	0.397	\$611,282	\$773,646	
2000	Cabbage looper	3	0	0	NA	NA	0.000	0.0	0.397	\$0	NA	
2000	Cotton Leafperforator	12	3	0.032	\$0.38	0.7	0.003	0.1	0.397	\$6,256	\$106,752	
2000	Cutworms	0	0	0	NA	NA	0.000	0.0	0.397	\$0	NA	
2000	Fleahopper	70	3	0.017	\$0.14	0.2	0.140	2.6	0.397	\$277,287	\$37,808	
2000	Grasshopper	0	0	0	NA	NA	0.000	0.0	0.397	\$0	NA	
2000	Lygus bugs	100	54	1.006	\$20.78	36.8	3.105	57.7	0.397	\$6,147,326	\$5,777,941	
2000	Pink bollworm	88	22	0.559	\$8.72	15.4	1.139	21.2	0.397	\$2,255,627	\$2,424,271	
2000	Saltmarsh Caterpillars	9	1	0.011	\$0.17	0.3	0.000	0.0	0.397	\$0	\$45,870	
2000	Spider Mite	25	5	0.05	\$0.75	1.3	0.023	0.4	0.397	\$46,013	\$208,500	
2000	Stink bug	10	2	0.015	\$0.31	0.5	0.015	0.3	0.397	\$30,070	\$85,485	
2000	Thrips	5	100	8	\$1.01	1.8	0.093	1.7	0.397	\$184,050	\$281,781	
2000	Whitefly	4	94	50	\$19.29	34.1	0.521	9.7	0.397	\$1,033,064	\$5,362,058	
2001	All Pests			3.09	\$62.40	100.0	7.44	100.0		\$9,794,728	\$18,095,826	
2001	Aphids	1	0	0	N/A	N/A	0.000	0.0	0.284	\$0	NA	
2001	Beet armyworm	15	4	0.034	\$0.35	0.6	0.006	0.1	0.284	\$7,247	\$100,671	
2001	Boll Weevil	0	0	0	N/A	N/A	0.000	0.0	0.284	\$0	NA	
2001	Boll/budworms	28	8	0.078	\$1.17	1.9	0.050	0.7	0.284	\$65,645	\$339,300	
2001	Cabbage looper	2	0	0	N/A	N/A	0.000	0.0	0.284	\$0	NA	
2001	Cotton Leafperforator	15	0	0	\$0.00	0.0	0.003	0.0	0.284	\$3,836	\$0	
2001	Cutworms	0	0	0	N/A	N/A	0.000	0.0	0.284	\$0	NA	
2001	Fleahopper	38	1	0.007	\$0.04	0.1	0.014	0.2	0.284	\$18,329	\$12,180	
2001	Grasshopper	0	0	0	N/A	N/A	0.000	0.0	0.284	\$0	NA	
2001	Lygus bugs	99	75	1.417	\$22.12	35.4	4.614	62.0	0.284	\$6,074,567	\$6,414,617	
2001	Pink bollworm	99	19	0.425	\$5.88	9.4	1.233	16.6	0.284	\$1,623,361	\$1,704,548	
2001	Saltmarsh Caterpillars	4	0	0	N/A	N/A	0.000	0.0	0.284	\$0	NA	
2001	Spider Mite	17	1	0.013	\$0.23	0.4	0.014	0.2	0.284	\$18,329	\$65,975	
2001	Stink bug	10	2	0.015	\$0.21	0.3	0.004	0.1	0.284	\$4,831	\$60,726	
2001	Thrips	5	100	4	\$0.47	0.7	0.006	0.1	0.284	\$7,531	\$135,372	
2001	Whitefly	4	99	63	\$31.94	51.2	1.497	20.1	0.284	\$1,971,051	\$9,262,438	
2002	All Pests			3.35	\$64.40	100.0	4.84	100.0		\$8,458,575	\$13,717,928	
2002	Aphids	15	1	0.01	\$0.15	0.2	0.000	0.0	0.463	\$0	\$31,524	
2002	Beet armyworm	34	4	0.025	\$0.41	0.6	0.058	1.2	0.463	\$101,608	\$86,585	
2002	Boll Weevil	0	0	0	N/A	N/A	0.000	0.0	0.463	\$0	NA	
2002	Boll/budworms	51	18	0.179	\$2.44	3.8	0.156	3.2	0.463	\$272,361	\$519,671	
2002	Cabbage looper	36	0	0	N/A	N/A	0.000	0.0	0.463	\$0	NA	
2002	Cotton Leafperforator	12	0	0.001	\$0.01	0.0	0.000	0.0	0.463	\$0	\$2,616	
2002	Cutworms	1	0	0	N/A	N/A	0.000	0.0	0.463	\$0	NA	
2002	Fleahopper	90	2	0.01	\$0.08	0.1	0.000	0.0	0.463	\$0	\$17,040	
2002	Grasshopper	54	0	0	N/A	N/A	0.000	0.0	0.463	\$0	NA	
2002	Lygus bugs	99	65	1.092	\$17.47	27.1	2.911	60.2	0.463	\$5,088,847	\$3,721,536	
2002	Pink bollworm	97	28	0.672	\$9.41	14.6	0.963	19.9	0.463	\$1,684,337	\$2,003,904	
2002	Saltmarsh Caterpillars	34	12	0.15	\$2.70	4.2	0.066	1.4	0.463	\$115,521	\$575,100	
2002	Spider Mite	26	5	0.049	\$0.80	1.2	0.030	0.6	0.463	\$52,491	\$170,958	
2002	Stink bug	40	1	0.003	\$0.04	0.1	0.040	0.8	0.463	\$69,987	\$8,818	
2002	Thrips	5	46	5	\$0.26	0.4	0.043	0.9	0.463	\$75,468	\$56,360	
2002	Whitefly	4	99	85	\$30.22	46.9	0.535	11.1	0.463	\$934,923	\$6,437,233	
2002	Yellowstriped Armyworms	18	4	0.025	\$0.41	0.6	0.036	0.7	0.463	\$63,031	\$86,585	

Arizona Cotton Insect Losses Summary (Foliar Insecticide Use)

Year	Pest	Acres Infested (%)	Acres Treated (%)	Insecticide Applications (No./A)	Control Costs (\$/A)	% of Total Control Costs	Yield Loss (%)	% of Total Insect-Related		Statewide Economic Loss (for yield;\$)	Statewide Economic Loss (for control;\$)
								Yield Loss	Lint Price*		
2003	All Pests			4.25	\$83.95	100.0	5.75	100.0		\$13,548,354	\$17,880,915
2003	Boll Weevil	0	0	0	N/A	N/A	0	0.0	0.664	\$0	N/A
2003	Boll/budworms	52	6	0.054	\$0.73	0.9	0.13	2.3	0.664	\$305,772	\$156,312
2003	Pink bollworm	90	18	0.42	\$6.43	7.7	0.61	10.6	0.664	\$1,438,619	\$1,369,633
2003	Fleahopper	74	11	0.059	\$0.62	0.7	0.134	2.3	0.664	\$315,490	\$131,954
2003	Lygus bugs	96	86	1.962	\$34.14	40.7	3.475	60.5	0.664	\$8,191,624	\$7,271,564
2003	Cotton Leafperforator	29	2	0.014	\$0.21	0.3	0.005	0.1	0.664	\$11,453	\$44,730
2003	Spider Mite	27	11	0.102	\$1.83	2.2	0.037	0.6	0.664	\$87,115	\$389,982
2003	Thrips	5	83	16	\$1.28	1.5	0.154	2.7	0.664	\$363,386	\$272,891
2003	Beet armyworm	48	8	0.068	\$0.84	1.0	0.06	1.0	0.664	\$140,565	\$179,022
2003	Fall Armyworm	9	1	0.002	\$0.02	0.0	0	0.0	0.664	\$694	\$4,260
2003	Stink bug	54	13	0.105	\$1.38	1.6	0.144	2.5	0.664	\$339,091	\$292,982
2003	Grasshopper	2	0	0	N/A	N/A	0	0.0	0.664	\$0	N/A
2003	Saltmarsh Caterpillars	15	0	0	N/A	N/A	0.001	0.0	0.664	\$1,735	N/A
2003	Aphids	6	0	0.004	\$0.05	0.1	0	0.0	0.664	\$1,041	\$10,224
2003	Whitefly	97	82	1.318	\$36.28	43.2	0.991	17.2	0.664	\$2,336,497	\$7,728,607
2003	Cabbage looper	31	0	0.001	\$0.02	0.0	0.006	0.1	0.664	\$15,271	\$3,195
2003	Yellowstriped Armyworms	1	0	0	\$0.00	0.0	0	0.0	0.664	\$0	\$0
2003	Striped Flea Beetle	95	2	0.008	\$0.10	0.1	0	0.0	0.664	\$0	\$20,448
2003	Darkling Beetles	2	0	0.002	\$0.02	0.0	0	0.0	0.664	\$0	\$5,112
2004	All Pests			2.68	\$53.24	100.0	5.12	100.0		\$10,010,233	\$12,670,620
2004	Boll Weevil	0	0	0.000	N/A	N/A	0.000	0.0	0.444	\$0	N/A
2004	Bollworm/Budworm	58	9	0.083	\$1.04	1.9	0.179	3.5	0.444	\$351,123	\$246,530
2004	Pink Bollworm	50	12	0.329	\$4.34	8.1	0.582	11.4	0.444	\$1,138,691	\$1,032,020
2004	Cotton Fleahopper	77	13	0.101	\$1.05	2.0	0.183	3.6	0.444	\$358,233	\$249,755
2004	Lygus	91	69	0.827	\$12.50	23.5	2.126	41.5	0.444	\$4,157,633	\$2,974,041
2004	Cotton Leaf Perforator	27	0	0.002	\$0.02	0.0	0.002	0.0	0.444	\$4,810	\$5,593
2004	Spider Mites	32	9	0.086	\$1.61	3.0	0.126	2.5	0.444	\$245,723	\$383,366
2004	Thrips	93	13	0.075	\$0.60	1.1	0.093	1.8	0.444	\$180,894	\$142,800
2004	Beet Armyworm	46	8	0.045	\$0.54	1.0	0.036	0.7	0.444	\$71,312	\$128,413
2004	Fall Armyworm	20	1	0.000	N/A	N/A	0.001	0.0	0.444	\$2,300	N/A
2004	European Cornborer	0	0	0.000	N/A	N/A	0.000	0.0	0.444	\$0	N/A
2004	Stink Bugs	56	13	0.075	\$1.05	2.0	0.149	2.9	0.444	\$292,149	\$250,971
2004	Grasshoppers	35	4	0.019	\$0.28	0.5	0.021	0.4	0.444	\$41,616	\$66,247
2004	Saltmarsh Caterpillars	35	6	0.055	\$0.69	1.3	0.028	0.5	0.444	\$55,000	\$165,065
2004	Aphids	31	0	0.002	\$0.03	0.1	0.009	0.2	0.444	\$16,730	\$7,140
2004	Whitefly	99	75	0.975	\$29.40	55.2	1.565	30.6	0.444	\$3,060,140	\$6,996,308
2004	Loopers	31	2	0.007	\$0.07	0.1	0.011	0.2	0.444	\$21,122	\$16,660
2004	Yellowstriped Armyworms	20	2	0.002	\$0.02	0.0	0.005	0.1	0.444	\$10,038	\$5,712
2004	Darkling Beetles	4	0	0.000	N/A	N/A	0.001	0.0	0.444	\$1,255	N/A
2004	Cutworms	12	0	0.000	N/A	N/A	0.001	0.0	0.444	\$1,464	N/A
2005	All Pests			4.95	\$104.96	100.0	8.69	100.0		\$18,301,458	\$24,034,755
2005	Boll Weevil	0	0	0.000	N/A	N/A	0.000	0.0	0.516	\$0	N/A
2005	Bollworm/Budworm	33	7	0.058	\$0.91	0.9	0.091	1.0	0.516	\$191,964	\$208,262
2005	Pink Bollworm	43	18	0.670	\$9.78	9.3	0.645	7.4	0.516	\$1,357,378	\$2,238,544
2005	Cotton Fleahopper	48	13	0.051	\$0.35	0.3	0.070	0.8	0.516	\$147,321	\$80,001
2005	Lygus	93	83	1.583	\$26.99	25.7	4.191	48.2	0.516	\$8,826,128	\$6,180,744
2005	Cotton Leaf Perforator	11	0	0.001	\$0.02	0.0	0.002	0.0	0.516	\$4,934	\$4,030
2005	Spider Mites	25	14	0.141	\$3.63	3.5	0.168	1.9	0.516	\$354,323	\$831,119
2005	Thrips	80	14	0.129	\$1.58	1.5	0.171	2.0	0.516	\$360,902	\$361,877
2005	Beet Armyworm	22	4	0.031	\$0.54	0.5	0.016	0.2	0.516	\$33,130	\$122,884
2005	Fall Armyworm	4	0	0.002	\$0.03	0.0	0.001	0.0	0.516	\$2,350	\$7,786
2005	European Cornborer	0	0	0.000	N/A	N/A	0.000	0.0	0.516	\$0	N/A
2005	Stink Bugs	44	18	0.179	\$2.54	2.4	0.110	1.3	0.516	\$230,968	\$581,662
2005	Grasshoppers	8	0	0.001	\$0.02	0.0	0.014	0.2	0.516	\$29,605	\$4,122
2005	Saltmarsh Caterpillars	13	2	0.006	\$0.04	0.0	0.016	0.2	0.516	\$32,895	\$8,766
2005	Aphids	7	1	0.016	\$0.22	0.2	0.023	0.3	0.516	\$47,932	\$51,296
2005	Whitefly	94	83	2.072	\$58.22	55.5	3.172	36.5	0.516	\$6,679,277	\$13,333,113
2005	Loopers	6	0	0.004	\$0.05	0.0	0.001	0.0	0.516	\$1,175	\$10,992
2005	Yellowstriped Armyworms	1	0	0.000	N/A	N/A	0.000	0.0	0.516	\$0	N/A
2005	Pale-sided Flea Beetles	5	0	0.002	\$0.03	0.0	0.000	0.0	0.516	\$0	\$6,870
2005	Cutworms	1	0	0.001	\$0.01	0.0	0.001	0.0	0.516	\$1,175	\$2,686
2006	All Pests			1.36	\$31.39	100.0	2.32	100.0		\$3,922,346	\$5,901,395
2006	Boll Weevil	0	0	0.000	N/A	N/A	0.000	0.0	0.499	\$0	N/A
2006	Bollworm/Budworm	19	2	0.020	\$0.35	1.1	0.033	1.4	0.499	\$56,618	\$66,347
2006	Pink Bollworm	19	3	0.068	\$1.19	3.8	0.282	12.2	0.499	\$477,299	\$223,813

Arizona Cotton Insect Losses Summary (Foliar Insecticide Use)

Year	Pest	Acres Infested (%)	Acres Treated (%)	Insecticide Applications (No. /A)	Control Costs (\$/A)	% of Total Control		% of Total Insect-Related		Statewide Economic Loss (for yield;\$)	Statewide Economic Loss (for control;\$)
						Costs	Yield Loss (%)	Yield Loss (%)	Lint Price* (\$/lb)		
2006	Cotton Fleahopper	45	2	0.014	\$0.14	0.4	0.027	1.2	0.499	\$45,397	\$26,400
2006	Lygus	60	26	0.256	\$4.48	14.3	0.846	36.5	0.499	\$1,431,862	\$842,463
2006	Cotton Leaf Perforator	5	0	0.002	\$0.02	0.1	0.001	0.0	0.499	\$1,292	\$4,291
2006	Spider Mites	21	5	0.050	\$1.05	3.4	0.063	2.7	0.499	\$106,733	\$198,121
2006	Thrips	99	11	0.111	\$1.17	3.7	0.349	15.0	0.499	\$590,245	\$219,463
2006	Beet Armyworm	32	4	0.026	\$0.47	1.5	0.037	1.6	0.499	\$63,316	\$88,435
2006	Fall Armyworm	5	0	0.000	N/A	N/A	0.000	0.0	0.499	\$0	N/A
2006	European Cornborer	0	0	0.000	N/A	N/A	0.000	0.0	0.499	\$0	N/A
2006	Stink Bugs	40	0	0.003	\$0.06	0.2	0.097	4.2	0.499	\$164,527	\$11,133
2006	Grasshoppers	21	0	0.000	N/A	N/A	0.000	0.0	0.499	\$0	N/A
2006	Saltmarsh Caterpillars	30	1	0.009	\$0.13	0.4	0.004	0.2	0.499	\$6,267	\$23,525
2006	Aphids	4	0	0.000	N/A	N/A	0.000	0.0	0.499	\$0	N/A
2006	Whitefly	81	53	0.789	\$22.18	70.6	0.578	24.9	0.499	\$978,544	\$4,169,096
2006	Loopers	26	1	0.008	\$0.15	0.5	0.000	0.0	0.499	\$247	\$28,308
2006	Yellowstriped Armyworms	0	0	0.000	N/A	N/A	0.000	0.0	0.499	\$0	N/A
2006	Pale-sided Flea Beetles	0	0	0.000	N/A	N/A	0.000	0.0	0.499	\$0	N/A
2006	Cutworms	0	0	0.000	N/A	N/A	0.000	0.0	0.499	\$0	N/A
2007	All Pests			1.373	\$26.97	100.0	1.54	100.0		\$2,721,611	\$4,531,394
2007	Boll Weevil	0	0	0.000	N/A	N/A	0.000	0.0	0.596	\$0	N/A
2007	Bollworm/Budworm	20	3	0.020	\$0.35	1.3	0.047	3.1	0.596	\$83,578	\$58,480
2007	Pink Bollworm	19	1	0.010	\$0.18	0.7	0.022	1.4	0.596	\$39,296	\$29,552
2007	Cotton Fleahopper	79	5	0.023	\$0.25	0.9	0.014	0.9	0.596	\$24,712	\$42,568
2007	Lygus	77	60	0.680	\$12.92	47.9	0.775	50.3	0.596	\$1,368,938	\$2,170,598
2007	Cotton Leaf Perforator	2	0	0.000	N/A	N/A	0.000	0.0	0.596	\$0	N/A
2007	Spider Mites	19	5	0.053	\$1.13	4.2	0.011	0.7	0.596	\$19,588	\$190,444
2007	Thrips	100	9	0.077	\$0.77	2.8	0.050	3.2	0.596	\$88,324	\$129,018
2007	Beet Armyworm	20	2	0.010	\$0.18	0.7	0.007	0.5	0.596	\$12,957	\$29,694
2007	Fall Armyworm	5	0	0.002	\$0.03	0.1	0.002	0.1	0.596	\$3,201	\$5,848
2007	European Cornborer	0	0	0.000	N/A	N/A	0.000	0.0	0.596	\$0	N/A
2007	Stink Bugs	37	2	0.016	\$0.21	0.8	0.035	2.3	0.596	\$62,062	\$35,380
2007	Grasshoppers	14	0	0.005	\$0.06	0.2	0.000	0.0	0.596	\$40	\$10,721
2007	Saltmarsh Caterpillars	44	9	0.088	\$1.31	4.9	0.035	2.3	0.596	\$61,546	\$220,838
2007	Aphids	14	3	0.028	\$0.49	1.8	0.001	0.1	0.596	\$2,160	\$82,646
2007	Whitefly	85	48	0.363	\$9.08	33.7	0.541	35.1	0.596	\$955,211	\$1,525,607
2007	Loopers	15	0	0.000	N/A	N/A	0.000	0.0	0.596	\$0	N/A
2007	Yellowstriped Armyworms	0	0	0.000	N/A	N/A	0.000	0.0	0.596	\$0	N/A
2007	Pale-sided Flea Beetles	0	0	0.000	N/A	N/A	0.000	0.0	0.596	\$0	N/A
2007	Cutworms	5	0	0.000	N/A	N/A	0.000	0.0	0.596	\$0	N/A
2008	All Pests			1.66	\$41.95	100.0	2.96	100.0		\$3,808,403	\$5,579,350
2008	Aphids	27	2	0.009	\$0.17	0.4	0.004	0.1	0.570	\$4,625	\$22,610
2008	Beet Armyworm	20	2	0.007	\$0.13	0.3	0.003	0.1	0.570	\$3,597	\$17,290
2008	Boll Weevil	0	0	0.000	\$0.00	N/A	0.000	0.0	0.570	\$0	N/A
2008	Bollworm/Budworm	19	1	0.009	\$0.18	0.4	0.023	0.8	0.570	\$26,206	\$23,940
2008	Clouded Plant bugs	0	0	0.000	\$0.00	N/A	0.000	0.0	0.570	\$0	N/A
2008	Cotton Fleahopper	70	6	0.031	\$0.49	1.2	0.024	0.8	0.570	\$31,345	\$65,170
2008	Cotton Leaf Perforator	1	0	0.000	\$0.00	N/A	0.000	0.0	0.570	\$0	N/A
2008	Cutworms	0	0	0.000	\$0.00	N/A	0.000	0.0	0.570	\$0	N/A
2008	European Cornborer	0	0	0.000	\$0.00	N/A	0.000	0.0	0.570	\$0	N/A
2008	Fall Armyworm	6	1	0.002	\$0.03	0.1	0.000	0.0	0.570	\$0	\$3,990
2008	Grasshoppers	8	0	0.000	\$0.00	N/A	0.000	0.0	0.570	\$0	N/A
2008	Loopers	12	1	0.002	\$0.04	0.1	0.000	0.0	0.570	\$257	\$5,320
2008	Lygus	87	59	0.753	\$16.10	38.4	2.144	72.3	0.570	\$2,756,037	\$2,141,300
2008	Other	20	2	0.016	\$0.24	0.6	0.000	0.0	0.570	\$0	\$31,920
2008	Pink Bollworm	5	0	0.000	\$0.00	N/A	0.000	0.0	0.570	\$0	N/A
2008	Saltmarsh Caterpillars	9	1	0.008	\$0.19	0.5	0.000	0.0	0.570	\$514	\$25,270
2008	Southern Armyworms	0	0	0.000	\$0.00	N/A	0.000	0.0	0.570	\$0	N/A
2008	Spider Mites	12	6	0.051	\$1.21	2.9	0.010	0.3	0.570	\$13,360	\$160,930
2008	Stink Bugs	44	4	0.012	\$0.28	0.7	0.044	1.5	0.570	\$56,524	\$37,240
2008	Thrips	100	14	0.122	\$1.78	4.2	0.270	9.1	0.570	\$347,620	\$236,740
2008	Whitefly	78	60	0.633	\$21.11	50.3	0.442	14.9	0.570	\$568,319	\$2,807,630

^a Fall Armyworm

^b Beet Armyworm

^c Stink Bug

^d Whitefly

^e Yellowstriped Armyworm

^f Mealybug

^g Cotton Leafperforator

¹ Originally recorded as Armyworm (Spodoptera exigua, Spodoptera spp.)

² Originally recorded as Cotton Fleahopper

