

# Soybean Aphid Population Trends, 2002 to 2010

ISU Extension Soybean Aphid Research Site, Decorah

Planting date:	May 3	May 13	May 5	May 4	May 5	May 3	May 16	May 4	May 19
% Infestation	2002	2003	2004	2005	2006	2007	2008	2009	2010
June 1	--	--	0 V1	6 V1	0 V1	4 V1	--	1 VC	0 VC
June 7	--	--	0	15	2	16	--	13 V1	0
June 14	--	37 V2	0	33	6	52	0 V1	24	0 V2
June 21	1 V3	90	0	31	12	68	0	70	0
June 28	4	100	0	85	13	95	4	70	5 V4
July 5	12 R1	100 R1	4 R1	99 R1	24 R1	100 R1	3	68 R1	10
July 12	52	100	8	100	71	100	7 R1	60	
July 19	80	100	14	100	98	100	45	95	
July 26	96	100	29	100	100	100	98	100 R3	
Aug. 2	96	100	41	100	100	100	100	100	
Aug. 9	100 R5	100 R5	66 R5	100 R5	100 R5	100 R5	100	100 R5	
Aug. 16	100	100	87	100	100	100	100 R5	100	
Aug. 23	100	100	78	100	100	--	100	100	
Aug. 30	100 R6	--	71 R6	100 R6	100 R6	--	100	100 R6	
Sept. 6	--	--	--	100	--	--	100 R6	100	
Sept. 13	--	--	--	100	--	--	100	100	
Aphids/plant	2002	2003	2004	2005	2006	2007	2008	2009	2010
June 1	--	--	0 V1	0.1 V1	0 V1	0.4 V1	--	0.1 VC	0 VC
June 7	--	--	0	1.4	0.4	2.4	--	0.9 V1	0
June 14	--	10 V2	0	2.5	0.3	5.0	0 V1	1.3	0 V2
June 21	0.1 V3	115	0	4.0	0.8	6.8	0	5.5	0
June 28	0.2	341	0	48	0.7	25	0.6	3.6	0.1 V4
July 5	1.4 R1	745 R1	0.5 R1	179 R1	1.8 R1	507 R1	0.5	2.8 R1	0.8
July 12	5.9	2,803	1	713	6.6	1,085	1.3 R1	2.9	
July 19	11	2,450	2	200	21	4,177	5.7	13	
July 26	29	3,179	3.5	128	72	6,647	60	26 R3	
Aug. 2	24	2,750	8.2	74	310	2,974	393	99	
Aug. 9	35 R5	2,623 R5	16.6 R5	289 R5	420 R5	291 R5	683	584 R5	
Aug. 16	63	387	20.5	294	340	39	1,222 R5	2,046	
Aug. 23	28	62	10.2	272	188	--	1,752	2,040	
Aug. 30	6.7 R6	--	3.1 R6	190 R6	58 R6	--	1,358	2,184 R6	
Sept. 6	--	--	--	90	--	--	988 R6	1,711	
Sept. 13	--	--	--	11	--	--	162	1,854	
Sept. 20	--	--	--	--	--	--	--	901 R6-R7	