

Soybean Aphid Population Trends from June through September, 2004 – 2016.

Percent plants infested (top table) & number of aphids per plant (bottom table). ISU Extension Soybean Aphid Research Site, Decorah, IA

	Planting Dates													
% Infested	5/5/2004	5/4/2005	5/5/2006	5/3/2007	5/16/2008	5/4/2009	5/19/2010	5/6/2011	5/10/2012	5/16/2013	5/22/2014	5/12/2015	4/30/2016	
June 1	0 V1	6 V1	0 V1	4 V1		1 VC	0 VC		0 VC	0 VC				
June 7	0 .	15 .	2 .	16 .		13 V1	0 V1	2 V1	0.6V1	7 .	0.2VC	1 VC	1 V1	
June 14	0 .	33 .	6 .	52 .	0 V1	24 .	0 .	11 .	1 .	22 V1	0 .	2 V1	4 V	
June 21	0 .	31 .	12 .	68 .	0 .	70 .	0 .	13 V3	2 V4	57 .	0 .	2 V2	3 V	
June 28	0 .	85 .	13 .	95 .	4 .	70 .	5 V4	16 .	6 R1	27 V3	2 V4	5 V4	5 V5	
July 5	4 R1	99 R1	24 R1	100 R1	3 .	68 R1	10 .	28 R1	6 .	41 .	4 V5	5 V5	5 R1	
July 12	8 .	100 .	71 .	100 .	7 R1	60 .	20 R1	40 .	15 .	48 R1	19 R1	6 R1	19 R2	
July 19	14 .	100 .	98 .	100 .	45 .	95 .	63 .	45 .	11 R3	68 .	31 .	17 R2	40 R	
July 26	29 .	100 .	100 .	100 .	98 .	100 R3	80 R3	55 R3	10 .	80 R3	73 R3	37 R3	R	
Aug 2	41 .	100 .	100 .	100 .	100 .	100 .	100 .	85 .	25 R5	93 .	94 R4	96 R4	R	
Aug 9	66 R5	100 R5	100 R5	100 R5	100 .	100 R5	100 R5	100 R5	63 .	100 .	100 .	100 R4	R	
Aug 16	87 .	100 .	100 .	100 .	100 R5	100 .	100 .	100 .	70 .	100 R5	100 R5	100 R5	R	
Aug 23	78 .	100 .	100 .		100 .	100 .	100 .	100 .	50 R6	100 .	100 .	100 R5	R	
Aug 30	71 R6	100 R6	100 R6		100 .	100 R6	100 R6	100 .	39 .	100 .	100 R6	100 R6	R	
Sept 6		100 .			100 R6	100 .		100 R6		100 R6	100 .	100 R6	R	
Sept 13		100 .			100 .	100 .		100 .		100 .	100R6.5	100R6.5	R	
Sept 20						100 .					100 .			
Aphids/plant	Economic threshold in R5.5 or earlier stage soybeans = 250 aphids/plant with increasing populations. OR use Speed Scouting. An alternative, quicker, easier method to determine threshold in R5.5 or earlier stage soybeans. For instructions on Speed Scouting, go to: http://www.ent.iastate.edu/dept/faculty/hodgson/files/ul/2009%20Speed%20Scouting%20blank%20form.pdf													
June 1	0	2	0	10		10	0		0.	0				
June 7	0	9	2	15		7	0	2	5	3	1	2	20	
June 14	0	8	5	10	0	5	0	4	1	5	0	7	5	
June 21	0	13	7	10	0	8	0	13	2	7	0	12	30	
June 28	0	56	5	26	15	5	2	5	3	6	6	3	13	
July 5	13	181	8	507	17	4	8	5	6	10	4	2	6	
July 12	13	713	10	1,085	19	5	9	5	5	13	3	5	15	
July 19	14	200	21	4,177	13	14	7	7	3	9	3	5	11	
July 26	14	128	72	6,647	61	26	18	5	2	8	11	8		
Aug 2	20	74	310	2,974	393	99	53	17	2	11	22	15		
Aug 9	26	289	420	291	683	584	280	66	3	24	58	67		
Aug 16	24	294	340	39	1,222	2,046	246	92	3	73	330	320		
Aug 23	13	272	188		1,752	2,040	186	177	5	383	1,300	1,061		
Aug 30	4	190	58		1,358	2,184	50	164	3	989	2,000	1,144		
Sept 6		90			988	1,711		271		545	1,400	1,928		
Sept 13		11			162	1,854		345		18	1,280	322		
Sept. 20						901					95			