

Gwendolyn Hardee

30 September 2026

AAS Final Report

Between May and August 2026, I worked on the All-America Selection demonstration garden at the UConn Plant Science Research Farm. Every week, I measured sixteen rows of plants and recorded their individual heights and number of flowers in an Excel document. I also maintained the field by removing rocks that obstructed planting; direct seeding and transplanting at the beginning of the season; removing weeds by rototilling, hoeing, and weeding by hand; fertilizing plants with a water-soluble mixture; and finally hosting the public and answering their questions about our flower varieties.

Below is the averaged data I collected over the course of the summer.

1-Jun			2-Jun			9-Jun		
Row	Average Height (cm)	Average Flowers (no.)	Row	Average Height (cm)	Average Flowers (no.)	Row	Average Height (cm)	Average Flowers (no.)
1SA	5.6	0	1SA	4.5	0	1SA	6.5	0
22ZC	7.5	0	22ZC	6.4	0	22ZC	7.8	0
23ZD	6.3	0	23ZD	5.8	0	23ZD	7.6	0
24ZF	5.5	0	24ZF	5.7	0	24ZF	7.2	0
43SD	4.8	0	43SD	4.9	0	43SD	5.9	0
25ZG	6.4	0	25ZG	6.1	0	25ZG	8.3	0
26ZW	9.6	0	26ZW	9.9	0	26ZW	12.6	0
2SC	7.1	0	2SC	6.7	0	2SC	8.1	0
3SO	6.7	0	3SO	6.4	0	3SO	7.8	0
44SD	5.1	0	44SD	4.9	0	44SD	6.1	0
47ZC	9.7	0	47ZC	9.8	0	47ZC	10.8	0
48ZP	5.4	0	48ZP	5.5	0	48ZP	6.3	0
4SR	6.7	0	4SR	6.7	0	4SR	8.4	0
5SM	6.2	0	5SM	5.9	0	5SM	7.4	0
6SP	6.9	0	6SP	6.8	0	6SP	9.3	0
7SS	4.9	0	7SS	5.1	0	7SS	7.4	0

15-Jun			22-Jun			29-Jun		
Row	Average Height (cm)	Average Flowers (no.)	Row	Average Height (cm)	Average Flowers (no.)	Row	Average Height (cm)	Average Flowers (no.)
1SA	9.4	0	1SA	9.7	0	1SA	15	0
22ZC	10.1	0	22ZC	10.4	0	22ZC	12	0
23ZD	9.8	0	23ZD	10.9	0	23ZD	13	0
24ZF	10.2	0	24ZF	10.5	0	24ZF	15	0
43SD	8.7	0	43SD	11.3	0	43SD	20	0
25ZG	10.7	0	25ZG	11.6	0	25ZG	18	0.1
26ZW	14.2	0	26ZW	14.7	0	26ZW	18	0
2SC	9.8	0	2SC	11.4	0	2SC	18	0
3SO	11.1	0	3SO	12.4	0	3SO	17	0
44SD	9.4	0	44SD	12.0	0	44SD	19.1	0
47ZC	14.3	0	47ZC	15.4	0	47ZC	25	0.1
48ZP	8.4	0	48ZP	9.3	0	48ZP	12	0
4SR	10.4	0	4SR	11.8	0	4SR	16	0
5SM	9.4	0	5SM	11.5	0	5SM	17	0
6SP	12	0	6SP	13.6	0	6SP	21	0.3
7SS	9.9	0	7SS	11.3	0	7SS	17.4	0

7-Jul			13-Jul			27-Jul		
Row	Average Height (cm)	Average Flowers (no.)	Row	Average Height (cm)	Average Flowers (no.)	Row	Average Height (cm)	Average Flowers (no.)
1SA	16	2.4	1SA	19	2.1	1SA	19	7.8
22ZC	17	0.1	22ZC	21	0.8	22ZC	32	10.2
23ZD	19	0.3	23ZD	21	1.2	23ZD	28	13.3
24ZF	20	0.8	24ZF	25	1.1	24ZF	36	15.6
43SD	28	2.1	43SD	30	6.5	43SD	35	22.4
25ZG	24	1	25ZG	26	5.3	25ZG	35	22.9
26ZW	24	1	26ZW	28	4.6	26ZW	39	28.7
2SC	22	4	2SC	24	6.6	2SC	22	12.2
3SO	22	1.9	3SO	26	4.4	3SO	25	10.6
44SD	28.6	4	44SD	31.5	8	44SD	35.1	25
47ZC	31	0.7	47ZC	35	1.3	47ZC	46	9.3
48ZP	18	0.7	48ZP	21	2.6	48ZP	28	25.9
4SR	21	1.2	4SR	24	6.8	4SR	25	23.7
5SM	23	2.5	5SM	26	6.1	5SM	26	28.2
6SP	25	4.8	6SP	27	16.7	6SP	29	25.3
7SS	22.3	2	7SS	23.4	5	7SS	24.3	17

5-Aug			10-Aug			17-Aug		
Row	Average Height (cm)	Average Flowers (no.)	Row	Average Height (cm)	Average Flowers (no.)	Row	Average Height (cm)	Average Flowers (no.)
1SA	20	13.4	1SA	20	14	1SA	20	11.7
22ZC	41	20	22ZC	44	29.2	22ZC	48	46.4
23ZD	31	30.2	23ZD	35	43.5	23ZD	37	57.7
24ZF	41	36.5	24ZF	42	51.2	24ZF	44	63.5
43SD	38	31.7	43SD	38	13.7	43SD	38	13.6
25ZG	39	41.8	25ZG	41	53.2	25ZG	43	68.4
26ZW	44	68.1	26ZW	44	86.3	26ZW	46	95.4
2SC	25	26.4	2SC	24	18.1	2SC	23	20.3
3SO	27	10.7	3SO	26	10	3SO	25	13
44SD	36.1	43	44SD	34.7	19	44SD	34.7	4
47ZC	51	16.9	47ZC	55	22.8	47ZC	58	24.1
48ZP	32	49.9	48ZP	33	64.2	48ZP	33	75.8
4SR	26	13	4SR	24	12.6	4SR	25	6.9
5SM	26	15.3	5SM	26	12.1	5SM	25	20.8
6SP	32	41.8	6SP	31	46	6SP	30	26.9
7SS	23.8	12	7SS	23.3	12	7SS	23.3	16

24-Aug				
Row	Average Height (cm)	Average Flowers (no.)		
1SA	20	3.7		
22ZC	49	58.9		
23ZD	38	71.3		
24ZF	43	66.6		
43SD	40	13.1		
25ZG	45	80.6		
26ZW	45	94.7		
2SC	24	11.3		
3SO	25	7.1		
44SD	35.0	0		
47ZC	63	26		
48ZP	34	81.5		
4SR	24	3.8		
5SM	24	12.1		
6SP	29	7.7		
7SS	22.4	13		