

## FORCING HEMEROCALLIS FOR CONSERVATORY DISPLAY

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For the last four years the Department of Horticultural Sciences at the University of Minnesota has supervised the management of the Cowles Conservatory, in Minneapolis, jointly with the Minneapolis Park and Recreation Board and the Walker Art Center. One of the exhibits was dedicated to an evaluation of commercially available daylilies.

The daylily divisions were potted in a 1:1:1 soil mix with 3 divisions per 3 gallon pot on April 1 and 2, 1991. The pots were set on the greenhouse floor with soil temperatures maintained in the high 40's. On April 13th the pots were moved on to the benches and were grown at 55-58°F night temperature for one month after which the night temperature was raised to 60-62°F. The plants were fertilized regularly.

The Display was installed for public view on May 20th and removed July 20. As the cultivars bloomed, a cultivar label was put in place. Following their display in the conservatory, the plants were moved to outside gardens for permanent planting.

Below are the evaluations of the cultivars that were grown. Some data were taken at first flower and the remainder were taken at anthesis.

Column headings are as follows: 1=Day of first flower; 2=Flower width in mm; 3= Flower number per stem; 4=Number of flower stalks per plant; 5=Total number of flowers per plant; 6=Leaf length (mm); 7=Date of last flower blooming. Note: Some last bloom data (10) data missing as stems were cut before data collected; 8=length of blooming period.

Cultivar Name	1	2	3	4	5	6	7	8
Big Bird	618	120	09	1	009	763	625	007
Bitsy	501	050	20	4	020	340	603	102
Bubbling Brook	628	105	08	1	008	782	719	091
Carolyn Criswell	614	108	08	1	008	480	711	097
Chicago Gown	604	107	11	1	011	730	616	012
Chicago Knobby	612	149	08	1	008	702	628	016
Chicago Princess	612	148	08	1	008	706	702	090
Eenie Weenie	603	075	10	2	020	400	615	012
Fairy Charm	612	103	11	2	022	576	620	008
Happy Returns	530	070	07	2	014	521	609	079
Hyperion Supreme	616	162	10	1	010	900	627	011
Lavender Bubbles	607	098	11	1	011	707	621	014
Lemon Lace	621	134	06	1	006	710	709	088
Little Business	616	014	17	3	051	430	627	011
Little Grapette	605	076	09	3	027	532	624	019
Mary Todd	607	155	07	1	007	659	617	010
Mini Pearl	621	097	08	2	016	641	716	095
Siloam Baby Talk	615	077	05	1	005	620	625	010
Siloam June Bug	605	072	08	2	016	504	626	021
Siloam PeeWee	627	067	06	1	006	682	711	084
Starling	626	115	02	1	002	769	628	002
Toyland	625	069	10	1	010	235	701	076
Victoria Aden	602	080	42	3	126	406	615	013

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Carousel Capers	602	061	35	3	105	417	616	014
Catherine Woodbury	702	105	07	1	007	655		
Chicago Arnie's Choice	609	151	06	1	006	747	623	014
Chicago Gold Strike	618	136	08	1	008	885		
Chicago Full Moon	620	152	07	1	007	856	627	007
Chicago Peach	607	162	08	1	008	634	617	010
Erin Prairie	621	143	10	1	010	771	709	088
Guardian Angel	612	118	06	1	006	520	626	014
Hazel Monette	615	139	06	1	006	615	701	086
Heavenly Lace	630	116	05	1	005	712	706	076
Hemlock	621	152	05	1	005	741	707	086
Hyperion Elite	620	194	09	1	009	718	702	082
James Marsh	621	130	09	1	009	851	715	094
Little Bumble Bee	615	060	11	3	033	454		
Little Rainbow	612	094	14	1	014	713	628	016
Loaded	615	092	08	1	008	818	630	015
Pardon Me	615	066	10	1	010	653	707	092
Prairie Blue Eyes	608	118	06	1	006	607	622	014
Puddin	620	094	08	2	016			
Raindrop	608	064	04	2	008	350	621	013
Root Beer	609	139	10	2	020	694	618	009
Siloam Pink Glow	620	068	07	1	007	492	628	008
Sparrow Song	607	061	45	5	225	483	625	018
Amen - data not taken								
Canadian Goose	630	123	08	1	008	812	714	084
Chicago Petite Lace	623	100	05	1	005	611	703	080
Cookie Monster	701	113	07			732	715	014
Dragon's Mouth	620	169	14	1	014	699	706	086
Evening Gown	620	142	09	1	009	776	706	086
Grape Magic	620	113	13	1	013	556		
Hosanna	630	126	08	1	008	804	714	084
Morning Dawn	620	109	07	1	017	582	710	090
Mountain Laurel	701	117	10	1	010	716		
My Hope	702	118	05	1	005	734	715	013
Parian China	626	143	03	1	003	782	629	003
Sombrero Way	628	121	06	1	006	791	709	081
Tetrina's Daughter	711	129	10	1	010	740		
Towhee	706	136	03	1	003	603	718	012
Wayside Doe Eyes	612	114	12	1	012	756	622	010
Wayside Green Imp	607	102	06	1	006	545	617	010
Wayside Sweet Impression	614	110	08	1	008	700	627	013
Wild Turkey	703	136	07	1	007	701	712	009

