



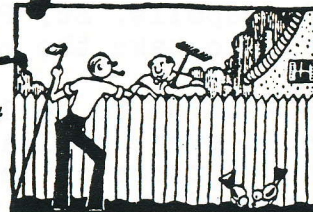
The Garden Spray

BULLETIN OF THE MEN'S GARDEN CLUB OF MINNEAPOLIS, INC.

Member--Men's Garden Clubs of America • Minnesota State Horticultural Society

August 1982, Volume 40, Number 8

ANNUAL MGCM FLOWER AND VEGETABLE SHOW
Minnesota Landscape Arboretum
August 28 & 29, 1982



This year's Garden Show will be BIGGER and BETTER than ever because YOU WILL BE AN EXHIBITOR!! You have been growing for SHOW all season. Now is the time to SHOW what you have been growing.

SHOW SCHEDULE

Saturday, August 28

8:00 AM to 12:00 PM	Enter and register exhibits
12:00 PM to 12:30 PM	Prepare for judging
12:30 PM to 2:30 PM	Judging of exhibits
2:30 PM to 4:30 PM	Show open for public viewing

Sunday, August 29

11:30 AM to 4:30 PM	Show open for public viewing
4:30 PM	Removal and clean up

Our Club Goal -- EVERY MEMBER AN EXHIBITOR!

To help achieve this goal, bottles and entry tags will be available for advance pickup at these locations:

Dale Durst, 6108 Oaklawn Blvd., Edina, 922-6658

Charles Proctor, 4131 York Ave. S., Mpls., 926-9408

Also

For those who will have only a few entries or will be unable to take their entries to the Arboretum on Saturday, contact Dale, Charlie or some other member who will be exhibiting and make advance arrangements to have them take your entries to the show.

If you are planning large exhibits in the new 200 to 299 exhibit classes it would be advisable to talk with Dale or Charlie in advance to reserve table space for them.

Come early and have a good day at the Show and Arboretum. Excellent lunches are served at the Arboretum Cafeteria or bring your own picnic lunch.

SEE YOU AT THE SHOW!

--Bob & Charlie, Garden Show Co-Chairmen

If you will not be at the Arboretum at 4:30 PM on Sunday for show removal and clean up, please make arrangements with someone to remove and return to you any exhibited materials that you wish to retain. All unwanted or unclaimed materials will be discarded or given away by the clean up committee. All awards not claimed at clean-up time will be collected and available for pick up at the September club meeting.

GYPSY MOTH CENSUS

In June a man bearing a small tent-like box came to the editor's door. Would we permit him to put this U.S.D.A. insect trap up in our yard? It contained a sex attractant to draw male Gypsy Moths and a sticky substance to hold them once inside. A trap was to be hung every square mile in Minneapolis, St. Paul and Rochester. He'd be around several times before fall to take the moth census.

He went on to tell about the moth; it's preferred foods lacking which it would even defoliate (and kill) pines. He said the census was being taken in the three cities "because most of Minnesota's camping vehicles were registered there". Camper vacationers who travel east may bring hitch-hiking moths and eggs back to start infestations first in the cities.

He nailed the trap to our dolgo crabapple, gave me some literature and left. If he's been back, I haven't seen him. The literature left was well summarized in the June 1982 SPREADER (M.G.C. Syracuse, N.Y.) from which we excerpt:

"The Gypsy Moth is a cousin to the serene butterflies which cruise our gardens and even more closely to the tiny moths which eat our woollens. It is a native of Europe, Asia and northern Africa and has been present in this country for over 100 years. It was first introduced into Massachusetts in 1869, by a French naturalist who was conducting experiments with silk worms. Some of the insects accidentally escaped and in the next 20 years increased to enormous numbers and caused defoliation of forest, shade and orchard trees because there were no natural enemies. Since then, it has extended its range throughout New England, into northern and southern New York, New Jersey, Pennsylvania, and into Michigan, Virginia, Delaware and the Canadian provinces bordering New York and Vermont.

"It is the larval or caterpillar stage of development which does the damage. A single two-inch caterpillar eats a square foot of leaf surface every 24 hours. The oak is a favorite food along with apple, aspen, birch, cedar, hemlock, maple and spruce.

"In eastern Massachusetts, the Gypsy Moth has overwhelmed some areas in the past few years, and all-out community efforts are underway to keep the pest under control. Attempts are made to collect the egg masses which are conspicuous on trunks and branches, but frequently so high up as to not be reached. Trees are banded with tape upon which is spread a gummy substance which prevents the caterpillars from climbing to the sought for leaves. There is an extensive spraying program using carbaryl (Sevin) which is applied in May and June during the peak feeding time for the caterpillars.

"Some factors which regulate the numbers of the Gypsy Moth are: Low winter temperatures causing considerable egg mortality in unprotected situations; shortage of the trees the moth enjoys feeding upon (oaks); the presence of certain species of insectivorous birds and small mammals; parasitic or predatory insects which attack various stages of the life cycle (egg, larva, pupa, adult); finally, biological control agents and the bacterium *Bacillus thuringiensis* now being used."

- - - - -

CHANGE of ADDRESS and PHONE: Kent Canine, 6125 Lake Virginia Drive,
Shorewood, MN. 55331 Phone: 474-0449



Thoughts From the Gazebo

As I pen this article for the August issue of the "Spray" while sitting at the table in the gazebo, it is almost mid July and the garden is reaching its peak of performance. The weather has been in the high eighties this week, even reaching the century mark over the fourth of July weekend. With the amount of rainfall being below normal during June and thus far in July, watering on a daily basis has had to be a necessity. In the ever blooming garden, such perennial and biannual plants such as the phlox, mallow, yarrow, heliopsis, astilbe, filipendula, canterbury bells, delphiniums, hybrid roses, hybrid lilies, veronica, coral bells, penstemon, and day lilies are showing forth their marvelous variety and color. The annual marigolds, petunias, lobelia, wax begonias, coleus, snapdragons, geraniums, impatiens, hollyhocks, and poppys are adding another dimension in color and shape.

The vegetable and fruit crops are coming into production. We have enjoyed strawberries, raspberries, currants, cauliflower, broccoli, peas, snap peas, kohlrabi, potatoes, spinach, leaf and head lettuce thus far. The tasty and outstanding flavor of freshly picked produce can not be easily beaten.

August is the Men's Garden Club of Minneapolis vegetable and flower show at the Minnesota Landscape Arboretum. Over the next three weeks, start selecting and grooming those plants and vegetables that will produce specimen material for the show on August 28 and 29. The show schedule is diverse enough that every member should be able to display something. Let everyone help make this show, in our fortieth anniversary year, a smashing success.

Jerry Shannon

MORE ON MGCA FROM BILL HULL, HISTORIAN

For many years the national organization operated out of offices provided by the secretary. It was in Salem, Oregon, where Mark Taylor lived. It was in Minneapolis when Herbert E. Kahlert volunteered fill-in services. Woodson K. Jones, of Jackson, Mississippi, was secretary during the 1956 convention in St. Louis when he had a heart attack and died. Larry R. Hubbard of Westfield, N.J., combined the secretary-treasurer jobs until George A. Spader of Morrisville, N.Y., became our first paid "Executive Secretary". George served from September 1957 through 1967. Harold Parnham, founder and later MGCA president, served as interim secretary; but soon a series of "Executive Directors" took over. The headquarters building was donated on July 24, 1970, during the annual convention, in Des Moines.

The Men's Garden Clubs of America has been active over the years in efforts to establish guidelines for truth-in-horticultural advertising. It has worked in the area of conservation. It took major roles in saving Padre Island off the Texas coast; it did the same in restoring the Johnny Appleseed grave site. It took such a major role in World War II's Victory Garden movement that some members claim it was an MGCA initiated activity. Local clubs have made major contributions to their cities. One example is the role the Men's Garden Club of Minneapolis took in initiating the Minnesota State Arboretum, with the initial suggestion, the first committee chairmanship, the first fund-raising committee chairmanship.

HELP IS AT HAND

Want something for your garden? Don't know where to find it? A new booklet published by the Mail-order Association of Nurserymen titled "Gardening by Mail: Where To Buy It", offers the answer.

In this booklet are listed over 300 different kinds of plants, seeds, and gardening related items, arranged in alphabetical order. After each specific plant heading is a list of those members of the Mailorder Association of Nurserymen who offer that particular item in their catalogs. In all, there are approximately 2200 references to the vast array of plant material available from M.A.N.'s 60 member firms.

For your free copy of "Gardening by Mail: Where To Buy It", send a self-addressed business size (#10) envelope with two 20 cent stamps to Mail-order Association of Nurserymen, Dept. MFG, 210 Cartwright Blvd., Massapequa Park, N. Y. 11762.

MORE HELP All-America Rose Selections, P. O. Box 218, Shenandoah, Iowa 51601 has a leaflet "ROSES ARE FOR YOU" which is free upon request. This leaflet covers just about everything you need to know regarding rose bed location and preparation, planting, care, culture, cut flower handling, and special rose do's and don'ts. In addition it includes a listing of the 109 AARS accredited public rose gardens where plants of the AARS award winners may be seen in bloom long before they are offered for sale. There is also a map showing the location of the 23 official test gardens.

There's always an extra weed left to pull at the Fragrance Garden. Visit (and pull) any time.

What a man needs in gardening is a cast-iron back, with a hinge in it.
--Charles Dudley Warner

MEN'S GARDEN CLUB OF MINNEAPOLIS
1982 GARDEN SHOW

SCHEDULE OF FLOWER ENTRIES
SECTION A

CLASS NUMBER		FLOWER SPECIMENS	
1	African Daisy	3 blooms	38 Lathyrus-Perennial Sweet Pea* 5 stems
2	Aster	3 blooms	39 Liatris 1 stem
3	Balsam	1 stalk	40 Lily 1 stalk
4	Begonia-Tuber-Rose*	1 bloom	41 Lupine 1 stem
5	Begonia-Tuber-Carnation*	1 bloom	42 Lythrum* 3 stems
6	Begonia-Tuber-Others* (4, 5, 6, no leaves)	1 bloom	43 Marigold-2½" and over 3 blooms
7	Begonia-Fibrous*	1 branch	44 Marigold- under 2½" 3 blooms
8	Calliopsis*	1 branch	45 Pansy- not Viola* 3 blooms
9	Canna	1 spike	46 Passion Vine 1 branch (Branch not over 36" Exhibitor provide support)
10	Celosia-Plumed	1 stalk	47 Petunia-double 1 branch
11	Celosia-Crested	1 stalk	48 Petunia-grand 1 branch
12	Chrysanthemum	1 spray	49 Petunia-single mult. 1 branch
13	Chrysanthemum-Spoon or Quill	1 spray	50 Phlox-Annual* 3 branches
14	Chrysanthemum-Exposition	1 bloom	51 Phlox-Perennial* 1 spike
15	Clematis (Branch not over 36" Exhibitor provide support)	1 branch	52 Rose-Hybrid Tea 1 bloom A-Red C-White E-Orange & Apricot B-Pink D-Yellow F-Bicolor
16	Cleome	1 stalk	53 Rose-Floribundia-Poly.* 1 spike A-Red C-White E-Orange & Apricot B-Pink D-Yellow F-Bicolor
17	Coleus-Foliage	1 stalk	54 Rose-Grandiflora* 1 spike
18	Coreopsis*	5 blooms	55 Rose-Miniature* 1 stem
19	Cosmos*	5 blooms	56 Rose-Climber 1 stem
20	Dahlia- AA or A -Cactus C-Formal B-Semi-Cactus D-Informal	1 bloom	57 Rudbeckia-Gloriosa Daisy 3 blooms
21	Dahlia- B A-Cactus C-Formal B-Semi-Cactus D-Informal	1 bloom	58 Salpiglossis 3 stems
22	Dahlia- BB, Minature, Pom Pom	3 blooms	59 Salvia-Annual 3 stalks
23	Dahlia- Unwin, Colt	3 blooms	60 Salvia-Perennial 3 blooms
24	Delphinium	1 spike	61 Shasta Daisy* 3 blooms
25	Dianthus-Pinks*	5 blooms	62 Snapdragon 3 spikes A-Standard B-Butterfly
26	Carnation-Garden*	3 blooms	63 Verbena 3 branches
27	Digitalis	1 stem	64 Veronica 3 stalks
28	Gaillardia*	3 blooms	65 Zinnia 3 blooms A Large Dahlia B Cactus C All other
29	Geranium	1 stem	66 Other Annuals** Browallia, Lantana, Nicotiana, Stocks, Vinca, etc.
30	Gladiolus A Large B Small	1 stalk	67 Other Perennials** Achillea, Astilbe, Campanula, Columbine, Lychnis, Monarda, Pentsteman, Potentilla, Pyrethrum, Solidago, etc.
31	Heliopsis*	3 blooms	
32	Hemerocallis- Day Lilly	1 branch	
33	Hibiscus (Furnish own container)	1 bloom	
34	Heuchera- Coral Bells*	3 stems	
35	Hollyhock	1 stem	
36	Hosta	1 stem	
37	Impatiens	1 branch	

* Specimen in these classes to be shown in a pint container.

** be appropriately subdivided for judging to provide fair treatment in making awards.

best judgement in quantity of specimens to be exhibited. Should be similar to that for other flowers listed in this schedule that are typical in size and growth habit for which quantities are listed.

SCHEDULE OF FLOWER ENTRIES
SECTION A

POTTED AND HANGING BASKET FLOWERS

CLASS NUMBER					
100	Begonia	Potted	115	African Violets	Potted
	A-Wax			A-Blues & Purples	
	B-Rex			B-White	
101	Begonia-Tuberous	Potted or hanging		C-Pinks & Reds	
102	Begonia-Fibrous	Potted or hanging	116	African Violet Miniatures	Potted
103	Ferns	Potted or hanging	117	Episcia	Potted
104	Aspapagus Ferns	Potted or hanging	118	Streptocarpus and other	Potted
105	Succulents	Potted		Gesneriads	
	A-Non-needed		119	Orchids	Potted
	B-Needled			A-Cattleya	
	C-Aloes			B-Paphiopedilum	
106	Palms	Potted		C-Phalaenopsis	
107	Ficus	Potted		D-All others	
108	Dieffenbachia	Potted	120	Terrariums & Dish Gardens	
109	Prayer Plant (Maranta)	Potted	121	Bonsai	
110	Aralia, Croton, Fatsia	Potted	122	Vining Foliage Plants	
111	Schefflera	Potted		A-Potted	
112	Dracaena	Potted		B-Hanging baskets	
113	Norfolk Pine	Potted	123	Herbs-for fragrance or asthetic uses	
114	Gloxinia	Potted	124	Other potted house plants	
			125	Other non-vining house plants in hanging baskets	

FLOWER EXHIBITS

- CLASS NUMBER
- 200 Educational Exhibits - display of plant or plant related materials designed to increase the interest and knowledge of the viewing public in horticulture. State theme or purpose of exhibit.
- 220 Exhibits of Flower Experiments - Display of a planned horticultural experiment relating to culture, productivity, asthetic, etc. describing the experiment and showing the results.
- 240 Arrangements - design and arrangement of plant and plant related materials depicting a stated theme or purpose.
- 260 Collections - Must include a minimum of 3 specimens. May be a collection of different varieties of a given plant species or a collection of different plant species. Specimens must be labeled as to variety and species. The more specimens included the greater the the number of points awarded toward sweepstakes.
- 280 Comparisons - Must include a minimum of 3 specimens comparing varieties of a given plant species. Specimens must be labeled as to variety and species. The more specimens included the greater the number of points awarded toward sweepstakes.

MEN'S GARDEN CLUB OF MINNEAPOLIS
1982 GARDEN SHOW

SCHEDULE OF VEGETABLE ENTRIES
SECTION B

VEGETABLE SPECIMENS

CLASS NUMBER					
1	Beans - bush	12	20	Potatoes	5
	A Green; B Wax; C Lima			A White; B Red; C Russet	
2	Beans - pole	12	21	Pumpkin	1
	A Green; B Wax; C Lima			A Small pie	
3	Beets-table	5		B Field & Big Max	
4	Broccoli	1 head	22	Squash	
5	Brussel sprouts	12		A Summer	3
6	Cabbage	1 head		B Winter	1
7	Carrots	5	23	Tomato	
8	Cauliflower	1 head		A Red	3
9	Celery	1 stalk		B Yellow	3
10	Corn-sweet	3 ears		C Small Preserving	6
	A Yellow; B White; C Bicolor		24	Watermelon	1
11	Cucumber		25	Other vegetables not listed	*
	A Slicing	3	26	Apples	
	B Pickling (below 5")	6		A Standard	3
12	Eggplant	1		B Crab	6
13	Kohlrabi	3	27	Grapes	3 bun.
14	Leek	3	28	Pears	3
15	Muskmelon	1	29	Plums	6
	Okra	5 Pods	30	Raspberries	1 pt.
17	Onion	3	31	Strawberries	1 pt.
	A Yellow; B White; C Red		32	Other fruits not listed	*
18	Parsnips	3			
19	Peppers				
	A Sweet Bell	3			
	B Long hot	6			
	C All other peppers	3			

* To be appropriately subdivided for judging to provide fair treatment in making awards. Use best judgement in quantity of specimens to be exhibited. Should be similar to that for other vegetables list in the schedule that are typical in size and growth habit for which quantities are listed.

POTTED AND HANGING BASKET PATIO VEGETABLES

CLASS NUMBER	
100	Cucumbers
101	Egg plant
102	Peppers
103	Tomatoes
104	Dwart fruit trees
105	Herbs-culinary and medicinal
106	Other vegetables
107	Other fruits

SCHEDULE OF VEGETABLE ENTRIES
SECTION B

VEGETABLE EXHIBITS

CLASS NUMBER

- 200 Educational Exhibits - display of plant or plant related materials designed to increase the interest and knowledge of the viewing public in horticulture. State theme or purpose of exhibit.
- 220 Exhibits of vegetable experiments - display of a planned horticultural experiment relating to culture, productivity, culinary use, etc. describing the experiment and showing the results.
- 240 Arrangements - design and arrangement of plant and plant related materials depicting a stated theme or purpose.
- 260 Collections - must include a minimum of 3 specimens. May be a collection of different varieties of a given plant species or a collection of different plant species. Specimens must be labeled as to variety and species. The more specimens included the greater the number of points awarded toward sweepstakes.
- 280 Comparisons - must include a minimum of 3 specimens comparing varieties of a given plant species. Specimens must be labeled as to variety and species. The more specimens included the greater the number of points awarded toward sweepstakes.

MEN'S GARDEN CLUB OF MINNEAPOLIS
1982 FLOWER AND VEGETABLE SHOW
AUGUST 28 AND 29

RULES FOR EXHIBITORS

1. Show Classes
The show will be opened to exhibiting by club members only this year because of the addition of new exhibiting classes and the changes in the show format. There will be no classes for children and non-members.
2. Exhibits may be entered and registered at the Minnesota Landscape Arboretum, Chaska, Minnesota from 8:00 a.m. to 12:00 a.m. Saturday, August 28, 1982. Judging will begin at 12:30 p.m.
3. No one will be permitted in the exhibition room during the judging, except members of the judging committee.
4. No exhibits may be removed until after 4:30 p.m., Sunday, August 29, except by permission of the show committee.
5. Identification of each competing entry will be by official registration tag upon which the name of the exhibitor will be concealed until after the judging has taken place.
6. Each exhibitor will be required to fill out a registration form to be delivered to the clerk in charge.
7. All specimens in both the flower and vegetable classes should be entered by variety if known and the variety clearly labeled on the entry tag. This will enable the judges to fairly evaluate the entries for awards and will provide greater educational value to the viewing public. If the variety is not known, entries will be accepted by species and color if appropriate.
8. Exhibitors are not limited in the number of entries they may make in each class. Exhibitors may make more than one entry in any class provided that each entry is of a different variety and the name of the variety is specified on the entry tag. For specimens entered by species and color only (variety unknown) the color must be specified on the entry tag and only one entry will be permitted for each species and color in each class. Additional class numbers will be assigned by the staging committee at the exhibit table as needed. In miscellaneous classes, new numbers may be assigned if three or more entries of a species have been made and two or more are meritorious.
9. Judging will be strictly on the merits of the entry and more than one place may be awarded to an exhibitor in a class provided that Rule 8 is complied with.
10. Awards will be made on the merits of the entries and if in any class there are no entries worthy of awards, the judges may withhold any or all awards.
11. Section A Flower specimens will be exhibited in containers available at the Landscape Arboretum and at other designated locations. Section B vegetable specimens will be exhibited on paper plates provided by the exhibitor. Potted and hanging basket entries will be displayed in their own containers for both classes. Table space will be provided for the new exhibit classes but all materials to setup and label the exhibits will be provided by the exhibitor.

12. Court of honor selections of the particularly meritorious entries will be made from each section in the following quantities:

	Section A	Section B
Specimens	5	5
Potted and Hanging Basket Plants	2 max.	2 max.
1 for each 15 entries		
Exhibits - 1 for each 10 entries	2 max.	2 max.

13. Grand champion ribbons will be awarded to the outstanding flower and vegetable specimens.
14. National awards will be given for the outstanding snapdragon and onion entries and they will be displayed on the court of honor table.
15. Sweepstakes ribbons will be awarded to the exhibitor with the most points in Section A and likewise in Section B with points being earned on the following bases:

	Specimens	Potted and Hanging Basket Plants	Exhibits
Blue ribbon	3	3	9
Red ribbon	2	2	6
White ribbon	1	1	3
Court of honor ribbon	2	2	2
Grand champion ribbon	2		
National Award ribbon	2		

16. Permanent trophies will be awarded to the two grand champion winners and to the two sweepstakes winners. The flower sweepstakes winner will also receive the Blackburn Trophy and the vegetable sweepstakes winner will receive the Tom Foley Memorial Trophy to keep until the next year's garden show.
17. All plant materials must have been grown and prepared for exhibition by the exhibitor. In the case of potted and hanging entries purchased or acquired from someone else they must have been in the possession and under the care of the exhibitor for at least three months prior to the show.

EXHIBITING INSTRUCTIONS

1. Make a thorough study of both the "Schedule of Entries" and the "Rules for Exhibitors", particularly Rule 8.
2. The Registration Form is your personal registration of entries. Fill it out carefully, clearly and completely as follows:
 - a. Enter your personal Exhibitor's Number assigned to you by the Registration Clerk in the upper right hand corner.
 - b. Print your name clearly under the Exhibitor's Number.
 - c. Write the number of actual entries in the "No. of Entries" column for each class entered. Include any sub-entries under the main class numbers.
3. Print your personal "Exhibitor's Number", your name and the class number on the entry tag for each exhibit entered. Conceal your name by folding the tag and clipping the undercut.
4. Print the name of the variety of specimen on the entry tag if known. Otherwise print the name of the species and color if appropriate.
5. After your entries have been listed, file the Registration Form with the Registration Clerk no later than 12:15 p.m., Saturday, August 28. Your cooperation in getting entries in well before the deadline will be appreciated.

To make the show a success all of the flower and vegetable exhibits that you will have time to prepare and enter in the wide variety of colors and species will be needed. Your attention again is called to Rule 8. Prior to judging, the staging committee will subdivide classes where large numbers of exhibits are entered. Example: Class 2, Aster, could end 2A Aster, 2B Aster, red; 2C Aster, white, etc.

HAVE A GOOD SHOW!