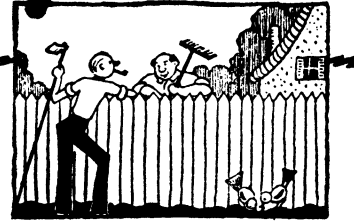




The Garden Spray

BULLETIN OF THE MEN'S GARDEN CLUB OF MINNEAPOLIS

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



September 1958
Volume 16, No. 9
G "Vic" Lowrie, Editor

Associate Editors
Wm. H. Hull, Joe Witmer
Don Methven, Bob Adams

OUR FALL FLOWER SHOW

TO BE STAGED IN THE

AMERICAN HARDWARE MUTUAL INSURANCE BUILDING
(3033 Excelsior Boulevard)

SATURDAY AND SUNDAY, SEPTEMBER 13 and 14

OFFICERS

Doors will be open 8 o'clock
Saturday morning for placement
of entries.

W. W. Brooks	President
P. W. Young	Vice Presi
W. H. Hull	Treasurer
N. W. Christopherson	Secretary

All entries must be in place by
3 o'clock in the afternoon,
at which time the judges take over.

Office of the Secretary
N. W. Christopherson
6145 Clinton Avenue South

Dinner will be served in the building
by caterers at 5:30 p.m. Price is
\$2.40 per person.

Office of the Exchange Editor
G. Victor Lowrie
417 Essex Building

The whole family is invited to dinner,
bring them all.

The Show will be open to the public from 7 to 9 p.m., Saturday, and from
noon to 8 p.m. Sunday.

We are awfully anxious to have as many as possible see what flowers, fruits
and vegetables are being grown in Minneapolis by amateur gardeners, so be sure
to talk it up and encourage your friends to come pay us a visit.

The Flower Show will take the place of our regular monthly meeting.

SHOW SCHEDULE

Enclosed is your show entry blank and show schedule. Look them over carefully. On the back of the schedule are the simple rules for exhibiting. Read them thoroughly and adhere to them strictly. If you have any questions, there will be members of the Show Committee present at all times to answer them. Take the schedule as you walk through your garden and check off those classes for which you have flowers, foliage, flowering shrubs, fruits or vegetables you plan to enter. Now don't prejudge your specimens too severely or you'll be leaving in your garden many potential "ribbon" winners which should be in the show.

Be sure to enter some flower arrangement. They need not be large or elaborate to win honors; the more simple with three, five or seven flowers are fairly easy to arrange and more often than not take first place.

Cut your flowers and foliage the night before the show and plunge them into deep, moderately cool water. This can also be done very early in the morning, but they should be left in deep water at least for three hours before lifted for arranging.

Below are a few "Show Suggestions" which we hope will help the less experienced:

SHOW SUGGESTIONS

Remember the judging takes place the moment the judge sees your entry, therefore, it must be well hardened to withstand heat of the room and deeply immersed in water.

When more than one bloom is required, be sure your entry has the exact number of blooms specified in the schedule. A bud showing color is considered a bloom. Select the best you have but strive for uniformity in size and color if possible.

Identify your material. Be sure to put your entry number on the entry tag, as well as your name folded in at the bottom. Also place your name on the bottom of each container used for arrangements, house plants and potted material.

Place your exhibit early. If your entries are well hardened, you've no need to worry about how many hours before judging time they are placed. They will keep for days.

The building will be open early on Saturday morning, September 13, so bring entries over and get them arranged before the crowd arrives about noon unless you prefer to prepare your exhibits at home. See chairmen's announcement for complete details.

Flower Show Musts

1. Watch the garden carefully until show time.
2. Cut late the previous evening and harden off.
3. Cut long stems and extra flowers.
4. Use a sharp knife and cut on a slant.
5. Remove excess foliage.
6. Crush woody stems.
7. Sear, or dip in boiling water, the ends of milky stems.
8. Set in deep, lukewarm water; place in cool spot out of drafts.

Qualifications to Watch

1. Color: clear, not muddy.
2. Size: uniform, large.
3. Form: typical of the variety.
4. Substance: mature and fully developed but not past prime.
5. Individual blooms: side buds should color count as additional blooms.
6. Stems: long, uniform in length, straight and strong without blemish.
7. Formation: flowers well set on a terminal flower looking at the stem.
8. Foliage: remove all below water level. Remove imperfect leaves.
9. Condition: all entries should be free of disease and pests.

A SHOW CHALLENGE TO EVERY MEMBER

For a number of years, members of our Club have said, "Why don't we put on a real show -- one to which we can invite the public, with a feeling of pride, knowing that we are offering a Flower Show that requires no apologies?"

This year we will put on just that kind of a show.

Through the courtesy of the American Hardware Mutual Insurance Company, we will use their large cafeteria room with nearly five times the floor space of our former quarters. It is a well lighted, air conditioned room with beautiful landscaping to be seen through the full glass side of the room which overlooks Lake Calhoun.

Special displays of Begonias, Fuschias, Dahlias, Roses and Glads will be arranged to make it the most attractive exhibition room possible.

The entrance way will also be decorated with house and garden plants, shrubs and trees, vegetables, apples, Mums, potted Begonias, Roses, and Dahlias in greater profusion and beauty than ever before, and eight foot aisles will provide adequate traffic lanes.

Al Nelson will be in charge of the Preparation Room; Archie Flack will have charge of the Displays; Eng Hoyme will be in charge of the competitive Exhibits; Tony Koester will handle the Judging; Paul Kroeger will handle Registrations; Dan Chabot will do the job of telling the Public about the Show and Bob Adams will take your reservations for the dinner.

Much work must be done to make the Show a success, and we know that every member of the Club will be glad to help when called upon by these Chairmen.

This will be a BIG SHOW, with more space than we have ever had before, and that is going to mean that every member is going to be depended upon to bring every good quality flower in his garden as an entry in the Show. If you are inexperienced, bring your flowers anyway. There will be plenty of members there to help and advise you.

This Show is a challenge to YOU -- its success depends on YOU. The committee Chairman will do the planning but they need your help in carrying out the plans. Your Exhibit entries -- or lack of them -- can make or break the Show.

Let's show Minneapolis what a Flower Show should be!

Bob Adams has arranged with the Caterers serving the Insurance Company to serve dinner at 5:30 p.m. Saturday evening, September 13th. The Show opens at 7:00, which will give you and your family and guests an opportunity to get together with the other members of the Club at dinner and to also get an early private showing of the Exhibits and displays before the public is admitted.

The Show will be open to the Public on Saturday, the 13th, from 7:00 p.m. to 9:00 p.m., and Sunday, the 14th, from Noon until 8:00 p.m.

For those who wish to prepare their Exhibits at home, bottles, tags and entry sheets will be available at the Park Board Greenhouse from 8:00 a.m. Thursday, September 11th, until 5:00 p.m. Friday, September 12th. After 5:30 p.m. Friday get them at the American Hardware Mutual Insurance Company building.

OVER THE GARDEN FENCE

by Bill Hull

Sometime I must attempt to write a humorous article about my experiences with bean meal. Heard it was a wonderful lawn dressing. It did work well in small quantities. But, when I applied it as a top dressing to roses, mixed with sawdust, it fed and rotted. What a story that would make! I now believe I have the only formula "Artificial Manure" in existence.

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Very sorry to hear of the death of Richard Wilcox, 70, St. Paul newspaperman, grower, known to many of our club members. He designed the Veterans' Memorial Garden at the State Capitol. I believe the gentleman was a member of the St. Paul MGC.

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Elsewhere in this issue will appear an article concerning Herb Kahlert's being awarded the Silver Medal by the MGCA. We are proud of you, Herb.

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Other convention high lights included election of 1st Vice President, John T. Cochran, Detroit, to the Presidency. Also the raising of national dues fifty cents annually (from \$1 to \$1.50). First raise in ten years.

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David Burpee of seed company fame was among the many fine speakers. A tour of retail and wholesale nurseries was most impressive. Included was the very fine Wayside Gardens.

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Present from our club: the Kahlerts, Snyders and Hulls. Wish more of you had been there because it was certainly worthwhile.

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Sometime I'd like to tell the club a little more about this convention and the next one in May 1959 in Jackson, Mississippi.

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Gardener A had a big yellow dog which could lick any dog in the neighborhood. A newcomer moved in, also a gardener, who had a big pit bulldog chained on a leash. In the course of events a wager was made the two dogs were thrown together. In no time the big yellow dog had the pit bulldog on the ground half dead, and they had to be buried. The newcomer paid the bet and then asked where Gardener A got the big yellow dog. "A friend sent him to me from Africa," he replied. "All I had to do was trim his ears and tail."

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Two goals we should reach in 1959: 1) Help establish some more Men's Gardens in towns near us; and 2) Form a Region of the MGCA in this area. In those areas where Regions exist, all you hear is praise from the membership for the local exchange program. Current regional dues run about 10¢ per member per year. Anyone interested in working on either of these programs? Don't be backward.

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Why doesn't the State Fair invite garden clubs to enter their flower show? The implication is probably there that we're welcome but why doesn't the person in charge issue an invitation with an easy method of getting further details. Believe several of our men would participate.

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Black spot on Roses and Japanese beetles were everywhere in the Cleveland area. Very major factors. Not a criticism. Those Clevelanders do a superb job of home gardening. Flowers are everywhere in profusion. David Burpee said something to that effect that they were leaders in this respect.

CHEMICAL CONTROL OF INSECTS

L. K. Cutkomp, Associate Professor
Department of Entomology

Control of Common Tree and Shrub Insects Defoliators or Chewing Insects

Insect	Host	Time for Effective Chemical Control	Chemical (see Table on Dos
Cankerworm, Spring and Fall	Elms, apples, Others	First sign of pin holes in leaves in tree tops and at ends of branches (early May)	DDT
Eastern tent caterpillar	Wild cherries, apples, mountain ash, others	Early to mid-May when tents are seen	DDT
Tussock moth, white-marked	Elm, basswood, poplars, apples, others	Early leaf skeletonized (about mid to late May) Occasional August treat- ment	DDT
Webworm, fall	Many deciduous trees	July and early August, with first webbing	DDT
Spiny elm caterpillar	Elm	First sign of Feeding, usually late May	DDT
Sawfly, brown headed ash	Ash	Leaf-feeding late May, early June	DDT
Sawfly, red- headed	Jack pine	Late June, early July	DDT
Sawfly, Jack pine	Jack pine	Late May to early June	DDT
Sawfly, Introduced pine	White Pine	Early feeding in June, August.	DDT
Budworm, spruce	Fir-Spruce	As buds break and again 10 days later	DDT

Sucking Insects

Aphids

Elm cockscomb gall	Elm-grasses	Spring dormant	Dormants
Elm leaf aphid	Elm	Spring dormant	Dormants

(Continued)

<u>Insect</u>	<u>Host</u>	<u>Time for Effective Chemical Control</u>	<u>Chemical (see Table on Dos</u>
Woolly elm	Elm-service berries	Spring dormant	Dormants
Woolly elm bark	Elm	Dormant or as leaves are breaking	Dormant or DDT-malathion
Pine bark	White pine, Scotch, Austrian	Early spring	Malathion
Spruce gall	Spruce	Late April, May, when buds first start to elongate	Malathion
White pine	White pine and others	Late May	Malathion

Scale Insects

European fruit Lecanium	Elm, fruits	Dormant or Late June and July (about time of catalpa bloom)	Dormant or Malathion
Oystershell scale	Ornamental deciduous shrubs, fruit	Dormant or crawler stage (time of apple petal fall)	Dormant, DDT or Malathion
Cottony maple	Various deciduous trees	Dormant or late June, July for crawlers	Dormant or Malathion
Elm scurfy scale	Elm, Maple, hackberry	Dormant or June-July for crawlers	Dormant or Malathion
Pine needle	Pines, esp. ornamentals	Dormant or crawler hatch about lilac bloom.	Dormant or Malathion
Maple bladder- gall mite	Soft maples	When leaf buds are breaking	Malathion plus ovex
Spruce mite	Spruce	As early in season as detected	Kelthane or ovex
Red spider mites	Many orna- mentals	As soon as detected	Ovex, Aramite, Kelthane, Chloro benzilate

Borers

Bronze birch borer	Birch	Increase vigor by fertilizing and cut and burn infested branches before adults emerge in June. Spray in June.	DDT
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(Continued)

<u>Insect</u>	<u>Host</u>	<u>Time for Effective Chemical Control</u>	<u>Chemical (See Table on Dosa)</u>
Poplar borer	Lombardy, Bolleana, Carolina, aspens, willows	At signs of activity in tunnels.	Inject carbon bisulfide or carbon tetrachlo

Soil Infesting Insects

White grubs	Especially evergreens	Treat any grassy or weedy areas when ground is not frozen. Work into soil as well as possible.	Aldrin, Chlordane, Heptachlor, Dieldrin
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TABLE ON DOSAGES FOR TREE AND SHRUB INSECTS

Summary of insecticides and desirable concentrations for use against pests given. Rates refer to those which would be used in hydraulic sprayers. Greater concentrations of emulsions are recommended for mist blowers or aircraft application.

<u>Insecticide</u>	<u>Formulation</u>	<u>Quantity per 100 gal. w</u>
DDT	50% Wettable powder 25% Emulsion Concentrate	2 lbs.
Malathion	5 lb. emulsifiable concentrate	1½ - 2 pts.
Aramite	15% Wettable Powder	1½ - 2
Ovex	50% Wettable Powder	1 - 1½
Chlorobenzilate	25% Emulsion Concentrate	1 qt.
Kelthane	18½% Emulsion Concentrate 18½% Wettable Powder	1 qt. 1½ - 2 lbs.
<u>Dormant Sprays</u>	(applied in spring when temperatures are above freezing, but plant growth is not evident)	
DN-289 or Elgetol	Miscible in water	3 qts. - 1 gal.
Dormant Oils	Miscible in water	2 - 3 gal.

(Continued)

<u>Insecticide</u>	<u>Formulation</u>	<u>Quantity per 100</u>
Soil treatment:	(Primarily for control of white grubs and wireworms)	
Aldrin	25% emulsifiable (2 lbs. per gallon)	2 gal. in water
Chlordane	40% emulsifiable (4 lbs. per gallon)	2½ gal. in water
Heptachlor	25% emulsifiable (2 lbs. per gallon)	2 gal. in water
Dieldrin	19½% emulsifiable (1.5 per gallon)	1½ gal. in water

KAHLERT RECEIVES NATIONAL AWARD

It is with deep pleasure that we can now publicly announce that Herb Kahlert has been awarded the Silver Medal by the Men's Garden Club of America for "outstanding service to the national organization over a period of many years."

This award, presented at the national convention just concluded at Cleveland is made on occasion when a noteworthy candidate is correctly nominated and deemed deserving. Herb's nomination originated through all Minnesota clubs and was substantiated by nominations from other regions. His name was selected from those nominated, the Awards Committee chairmaned by Phil Conrath of Webster Groves, Minnesota presenting Herb's name to the Board of Directors for final approval. The actual presentation was made at the Annual National Banquet before 400 delegates and guests.

Herb is, of course, a past national president and past national secretary. His work for many years in club formation and national committee work, easily warrants this award, the highest honor the MGCA can place upon any of its members. (The Medal is awarded for outstanding work in the field of horticulture and is open to any person irregardless of MGCA affiliation).

In addition to Mr. and Mrs. Kahlert, others present at the convention from our area were Dr. and Mrs. Leon Snyder, Emil Grieshaber of White Bear Lake MGC, Mrs. Grieshaber and myself.

We of the national organization congratulate the Minnesota clubs to which Herb Kahlert belongs for having a man of such ability in your midst and know you will join us in offering your personal congratulations to him.

Sincerely,

William H. Hull
National Director, MGCA
Minneapolis

Time to Think of Your Bulbs

All members of the narcissus family should be planted this month. The same is true of crocuses, snowdrops, chionodoxas, scillas, and other small bulbs. Madonna lily bulbs should also be put in the ground before the middle of September. You should order your tulips early, but there is no need to plant them for several weeks --