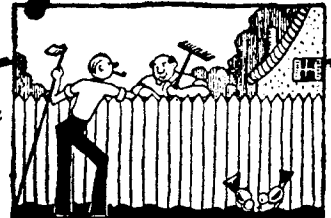




The Garden Spray

BULLETIN OF THE MEN'S GARDEN CLUB OF MINNEAPOLIS

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



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Next Meeting: September 13: Judson Memorial Church

Please remember the change of meeting place for this meeting. Only for September we will be at the Judson Memorial Church at 4101 Harriet Avenue South.

PROGRAM

'Turf and Grass Care' by John Kolb

With very little work and care at the correct time of year, your carpet of green will enhance your gardens and give you a great deal of pleasure.

'Plant Excitement' by Stan Bachman

Your garden in the spring will burst forth with colorful excitement rewarding you for the proper selective use and planting of bulbs in the fall of the year.

QUEEN OF THE SHOW Trophy Competition This Month

Bill Brooks' lovely place was the setting for a fine showing of flower and vegetable specimens in August. Fifty-four entries fell short of our goal but quality certainly made up for it. Judges Bob Bryant and Al Nelson were out with their magnifying glasses, and we had some beautiful specimens.

We'll be at the Judson Church for the September meeting and its good display facilities should be an added inducement for exhibiting, so bring them in. This is also the time for you vegetable and fall flowering enthusiasts to enter the competition.

The Queen of the Show trophy will be awarded for the outstanding flower specimen of the September show and the Blackburn trophy will go to the member accumulating the greatest number of points on both flower and vegetable specimens throughout the season. Both trophies will be awarded at the Christmas party.

October will mark the end of the season for flower shows this year, so let's have two

OVER THE GARDEN GATE

by Bill Hull

Congratulations to Ed Graupmann, past president of the Minnetonka MGC and president of the North Star Region, which just put on such a very successful garden tour. Ed was elected a national director of MGCA at the MGCA convention in Portland. Ed and his wife have attended several conventions, including those at Atlanta, Amarillo and Rockford and is interested in serving us locally in any way possible in his new position. Those of you who missed the tour of twenty gardens sure missed a fine experience. Each garden had its own personally designed registration book, a very attractive sign in the front lawn, and a nice steady stream of visitors.

"The American people are involved in a warfare more deadly than the war in Vietnam but few of them seem aware of it and even fewer of them are doing anything about it. This is a war that is being waged against the American environment, against our lands, air and water, which are the basis of that environment. What we need today is not only a world in which men can be free but in which men can breathe freely. The main pressure and energy for control of air pollution have come from an alert and enlightened public."
(Norman Cousins, Ed., Saturday Review)

The MGC of Rockford, Ill., annually sponsors a Petunia Day. This year they sold \$4,346 worth of petunias and netted \$2,369, which income over expenses will be used for public beautification in that city. Hats off to them.

Recently a man was written compassionately because he had been through an unpleasant situation. His reply is so poignant we should all bear it in mind: "Sometimes a single letter, like yours of the tenth of June, makes all the difference between continuing in a crusade or giving it up entirely as not worth fighting for."

While on vacation the Hulls attended the Preview of the Duluth Arena-Auditorium, a new \$6.1 million dollar building complex, a unit worthy of any city, frankly better than what we have here in Minneapolis. Many good compliments could be paid Duluth for these adjoining buildings. See them if you get an opportunity.

Hair is the only thing which will really prevent baldness.

THE GARDENER'S PRAYER

O Lord, grant that in some way it may rain every day, say from about midnight until three o'clock in the morning but, you see, it must be gentle and warm so that it can soak in; grant that at the same time it would not rain on campion, alyssum, helianthemum, lavender, and the others which you in your infinite wisdom know are drought-loving plants -- I will write their names on a bit of paper if you like -- and grant that the sun may shine the whole day long, but not everywhere (not, for instance, on spirea or on gentian, plantain lily and rhododendron) and not too much; that there may be plenty of dew and little wind, enough worms, no plant-lice and snails, no mildew, and that once a week thin liquid manure and guano may fall from heaven. Amen." (Karel Capek)

PRESIDENT BOB SAYS

by Bob Smith

Perfect weather, the wonderful setting of Bill Brooks' home for the dinner and garden show and four beautiful gardens made the August tour a grand one. The tour was unusual in that it included gardens of active, associate, and professional members which ranged in size from one to four-and-one-half acres and included planting of wide variety of annuals, perennials, vegetables, berries and fruit trees with specialized planting of dahlies and orchids at Bob Bryant's. It was good to see Mrs. Bryant up and around. Floyd Ashley's equipment house and greenhouse were very interesting and attracted quite a bit of attention. Our thanks to Vern and Evald for two fine tours this year.

I hope you all took advantage of the "Parade of Men's Gardens" sponsored by the North Star Region to see gardens of the Minnetonka and Richfield clubs as well as our own, and also invited your gardening friends to visit them with you. The objective of the tour was to find prospects for membership in the MGCA clubs of the area.

Three new members have joined our club this year and they are:

Alfred O. Mohr, 512 Nicollet Avenue	332-6406
Robert L. Taylor, 7520 Girard Avenue So.	869-8453
Arthur C. Johnson, 7112 Oakland Avenue So.	869-0932

They will be formally introduced to the club at the September meeting.

We will also be losing a member of long standing who has been very active in our club, Cortis N. Rice, Jr. Cortis and Muriel will be moving to Sarasota, Florida, to take up residence there upon his retirement from NSP. Cortis has served as Treasurer, Vice President, President and Vice Chairman of the 1949 MGCA Convention. He has been chairman of many committees in the club and has been a very avid gardener over the years, specializing in spring flowers, wild flowers, daylilies and experimenting with plants not reputed to be suitable for Minnesota. He is a past president of the Minnesota Horticultural Society and was very active in establishing the Minnesota Landscape Arboretum. These are but a few of his many accomplishments. We all extend our best wishes to Cortis and Muriel.

JOSEPH M. WITMER 1893-1966

"My admiration for Joe was tremendous. I give him a lot of credit. We've lost a good man, a good all-around booster for our club. He deserves a place in history." So said Archie Flack when speaking of the loss of our friend and member, Joe Witmer, who died Friday, August 19, at his home.

A Past President (1955) and recipient of the club's Bronze medal (1956), Joe remained active in the club, as chairman of the Industrial Beautification awards committee. We will miss him and his efforts with us.

The club certainly extends its sympathies to Arlene (Mrs. Witmer), and to the family, son John, and daughter, Mrs. Philip Von Blon.

SHRUBS HARDY HERE IN MINNEAPOLIS

I have just been reading one of the most remarkable books to be published in recent years. It is called simply "FLOWERING SHRUBS" by Isabel Zucker, who is the director of the National Garden Bureau. It so happens I know Isabel. She is a dedicated worker who has labored for years on this volume which contains over 450 black and white photographs plus many colored ones. As far as I am concerned it is one of the most valuable references ever published. There are descriptions of 579 shrubs, plus 117 trees to plant with them. There are charts of purchasing sources of shrubs by geographical area and, best of all, there are charts of hardiness by various areas, those in this area having been cross-checked by Leon Snyder and Albert G. Johnson of the University of Minnesota. This is a book you could well afford to have. It will meet many needs. Like all good things, it's a little costly, at \$17.50, but I agree with the publishers, D. Van Nostrand Company, Inc., Princeton, New Jersey, in that it's worth it.

Here are the shrubs that are considered hardy for our southern Minnesota area, including the Twin Cities. It has taken two nights of detailed work to sort out this list for our use:

Berberis candidula, *V. Koreana*, *Caragana aborescens*, *C. aborescens* 'Lorbergii,' *C. arborescens frutex*, *Comptonia pergeina*, *Cornus alba*, *C. alba* 'Argenteo-marginata,' *C. Amomum*, *C. racemosa*, *C. sanguinea*, *C. stolonifera*, *C. stolonifera coloradensis*, *C. stolonifera* 'Flaviramea,' *Cotoneaster acutifolia*, *C. adpressa*, *C. apiculata*, *C. foveolata*, *C. integerrima*, *C. racemiflora soongorica*, *Daphne burkwoodii* 'Somerset,' *Deutzia Lemoinei* 'Compacta,' *Elaeagnus commutata*, *E. umbellata*, *Eunonymus alata*, *E. alata* 'Compacta,' *E. alata* 'Gracilis,' *E. yedoensis*, *Forsythia intermedia* 'Lynwood,' *F. intermedia* 'Spectabilis,' *F. intermedia* 'Speing Glory,' *F. 'KarlSax'*, *F. Ovata*, *Hydrangea paniculata*, *Ilex verticillata*, *Ligustrum amurense*, *Lindera benzoin*, *Lonicera bella* 'Candida,' *Lonicera korolkowii* 'Zabelii,' *Myrica pensylvanica*, *Pachistima canbyi*, *Philadelphus* 'Enchantment,' *P. 'Frosty Morn'*, *P. lemoinei*, *P. lewisii* 'Waterton,' *P. 'Manteau d'Hermine'*, *P. 'Mont Blanc'*, *P. 'Silvia'*, *P. virginialis*, *Physocarpus monogynus*, *P. Opulifolius*, *Potentilla davurica*, *P. friedrichsenii*, *P. fruticosa*, *P. 'Farreri'*, *P. 'Go d Drop'*, *P. 'Tangerine'*, *Prunus besseyi*, *P. cistena*, *P. Glandulosa* 'Sinensis,' *P. maritima*, *P. tenella*, *Rhamnus cathartica*, *R. frangula*, *Rhododendron maximum*, *Rhus aromatica*, *R. glabra*, *R. typhina*, *Ribes alpinum*, *R. aureum*, *Rosa blanda*, *R. hugonis*, *R. pimpinellifolia* (spinosissima), *R. pimpinellifolia altaica*, *R. rugosa*, *R. virginiana* (lucida), *Salix repens*, *Shepherdia argentea*, *Sorbaria sorbifolia*, *Spiraea bumalda* (Anthony Waterer), *S. media sericea*, *S. nipponica*, *S. thunbergii*, *Staphylea trifolia*, *Symphoricarpos albus laevigatus*, *S. orbiculatus*, *Syringas* (several), *Tamarix gallica*, *T. hispida*, *T. odessana*, *T. pentandra*, *Vaccinium corymbosum*, *Virbinum acerifolium*, *V. cassinoides*, *V. lantana*, *V. opulus*, *V. trilobum*, *Weigela floribunda* and *W. florida* 'Venusta.'

Obviously this is a long list and there are many more which are considered hardy in zone 5 and part of zone 4 (we are in zone 4), but these are the ones Mrs. Zucker gives as hardy for us. WHH

The 10 Best Crabapples for Minnesota

by Leon Snyder

One of the feature displays in the arboretum collection is the collection of flowering crabapples sponsored by the Minneapolis Men's Garden Club. This collection now contains well over 100 named varieties.

Minnesota may have a climate too severe for flowering cherries but most of the flowering crabapples grow to perfection here. In addition to the showy flowers, the crabapple has the added attraction of colorful fruits in the fall.

In selecting a tree for a given spot in the lawn, one must consider the mature size, the form of the tree, the time and duration of bloom, the fruiting habit of the plant and the relative resistance to insects and diseases. Flowering crabapples range from dwarf Sargent's crabapple, 6 to 8 feet tall to the Siberian crabapple which may grow to a height of 30 to 40 feet. Flowers range in size from an inch across in *Malus micromalus* to three or more inches in some of the double-flowered forms of the prairie crabapples. The forms of the trees are equally variable ranging from the narrow, upright Sundog variety to the wide, spreading Japanese flowering crabapple. The weeping, Red Jade, offers still another form. Foliage color ranges from green to reddish green. Fruit size and color should be taken into account. The size ranges from the size of a pea to that of an edible crabapple. Color ranges from green through yellow to bright red. The ability of the fruits to cling to the tree is extremely important. Those that persist into the winter are valuable for winter food for the birds. Finally, resistance to diseases can be the determining factor. Scab, fireblight, and cedar-rust are threeroublesome diseases and varieties that are susceptible to any one of these diseases should be avoided in areas where these diseases are a problem. Susceptibility to scab rules out the use of Almey and sometimes the Hopa. The beautiful Van Eseltine is very subject to fireblight and the Bechtel and other varieties of *Malus ioensis* and *M. coronarius* are very susceptible to the cedar-rust disease.

Taking all of these important characteristics into account, the following 10 varieties can be recommended for widespread plantings in Minnesota. Further tests will no doubt change this list in the future.

1. *Malus x arnoldiana* (Arnolds crabapple).
2. *Malus baccata mandshurica* (Manchurian crabapple).
3. *Malus* 'Dorothea' (Dorothea crabapple).
4. *Malus* 'Flame' (Flame crabapple - white-flowered).
5. *Malus* 'Henry F. Dupont' (Henry F. Dupont crabapple).
6. *Malus* 'Katherine' (Katherine crabapple - double).
7. *Malus* 'Radiant' (Radiant crabapple).
8. *Malus* 'Red Splendor' (Red Splendor crabapple).
9. *Malus* 'Vanguard' (Vanguard crabapple).
10. *Malus zumi* 'Calocarpa' (Zumi crabapple).

CONVENTION NOTES: When you come to the meeting on September 13, be sure to have your checkbook with you. It is time to receive your monetary support for the convention. Archie Flack will tell us all about it in Dwight's absence. Dwight will be in Portland, meeting with the 1966 convention committee while we are meeting here. Let's have a surprise for him when he returns by all signing up our support in the guarantee fund to show we are 100% behind the convention.

ANYONE CARE TO BUY A PINT? *

"In bluegrass country, small favors bestowed in autumn bring great rewards in better turf," says Dr. Robert W. Schery, director of the Lawn Institute. Our own Jack Kolb, an expert himself, agrees. He had previously told me of the importance of feeding, probably twice at three-week intervals starting about September 1. Dr. Schery continues with "Nature abhors bare ground and if you don't plant good grass, weeds will certainly find a toe hold." Proof of this is my own lawn in which every weed displayed in the public relations kit of the Scott's lawn people can be found.

Dr. Schery also urges us to consider using our pressure spray as an edger, trimming better than clipping shears with arsenicals such as methane arsinic acid which does not vaporize and offers no hazard to any vegetation except that upon which it is directly sprayed.

Of course, the individual firms have some ideas too. Geigy Agricultural Chemicals says we should use their Simazine herbicide, which is a triazine herbicide against weeds. "It has very little foliar action, minimizing the danger of damaging nearby plantings or crops due to drift...is relatively low in toxicity to humans and animals, and is non-irritating to the skin. It is non-flammable and non-corrosive to spray equipment... is easily removed from tanks...by thoroughly flushing..with water." Can be used on soil around thirty or so different trees. See manufacturer if you want more details.

Elanco Products Company, a division of Eli Lilly and Company, recommends a "dependable year-round weed control program" consisting of TREFLAN in the spring and DYMID in the fall. They are apparently intended for nursery stock. They claim DYMID stops weeds and greases through winter and spring. TREFLAN "clings to soil particles and won't move or leach with heavy rains or repeated irrigations. It stays put to kill germinating weeds and greases for months." It is claimed to stop annual grasses including crabgrass, foxtails, etc. DYMID is intended for use against the broadleaf weeds and annual grasses.

The Velsicol Chemical Corporation manufactures ingredients which others use in their products. They make Chlordane which we all know controls insects such as ants, chiggers, ticks and lawn moths, but is also useable against crabgrass. This company also has a newer product called BANVEL-D which is said to be a "sensational new chemical that totally destroys hard-to-kill weeds in any season." It is soaked into the soil and comes up through the weed's roots and leaves, being "translocated" and causing plant leaves to wilt and die usually within 10 to 14 days after application. Banvel is sold in combination with 2,4-D since both will kill some weeds the other won't. In such combinations it is known as SUPER D-WEEDONE (Amchem), SUPER 6 (Gordon Chemicals), END-O-WEED (Swift and Company), WEED CONTROL WITH FERTILIZER (Agrico) and DARLING'S PLANT FOOD AND BROADLEAF WEED KILLER (Darling and Co.). There is one more way to get it...and that is in the straight liquid form at about \$31 a gallon. I need a pint *to do my acre of lawn, could use a quart for two years of application. Who would like to take part of the gallon--minimum of a pint, please? It would be ready for spring use.

Of course, there are many fine spray and dry killers not mentioned in this article, most of which are no strangers to you. Don't forget them in your plans. Products like Scott's TURF-BUILDER PLUS TWO and TURF-BUILDER PLUS FOUR and many other similar products are excellent and we have not discussed them here solely because we were discussing something brand new and a few products which might not have met our attention elsewhere.

OUR LEADER--BOB SMITH

As we saw on the last tour, Bob is a top vegetable gardener. He leads the special interest group in this in MGCA nationally. He has an acre of land, 100 ft. by about 435 deep, put to superb use by the finest vegetable garden we have ever seen.

Bob and wife, Margaret, have four children who help harvest the crop...and the kids are in the Big Pumpkin contest this year.

Another amazing facet of this fellow's life is that he built his own home except for laying the foundation blocks. He has a complete woodworking shop in the basement and more tools than I've seen in a home shop before. With them he built all the kitchen cabinets and lovely shelves on each side of the fireplace. They are of top cabinetry quality. He has also just finished a down-stairs fireplace.

So thumbs up to Bob Smith...a man of many talents.



LES JOHNSON--OFT-HONORED MEMBER

Les Johnson is a member all of our newer members should know. The rest of us know him well from years of working with him.

Les has held about every committee chair in the club and is still a capable and dependable worker. He came up through the vice-presidency in 1960 to the presidency in 1961 and the following year received the Bronze Medal, not routinely awarded to past presidents.

He innovated the school gardening program and for several years headed a committee assisting the Fulton Grade School PTA. He is semi-retired from the Goodin Company; is a grandfather twenty-four times; and is a heck of a good gardener. He and Katherine observed their Golden Wedding Anniversary last October.

He is pictured with one of his delphinium seedlings grown from English seed.



