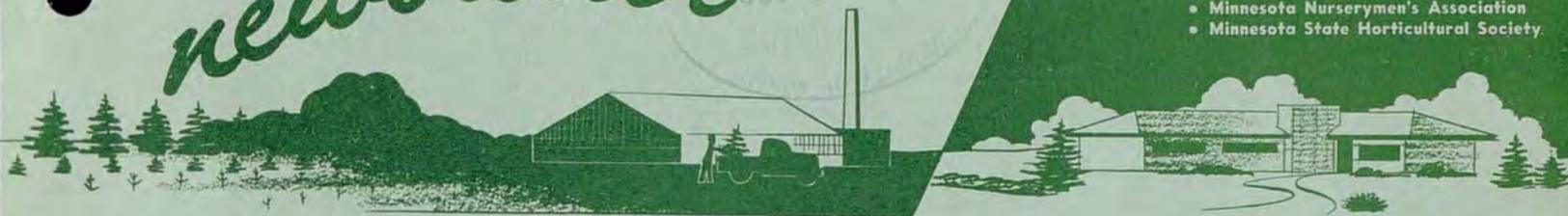


Minnesota Nurserymen's newsletter

Prepared by
UNIVERSITY OF MINNESOTA
Institute of Agriculture
• Agricultural Extension Service
• Horticulture Department

In Cooperation with
• Minnesota Nurserymen's Association
• Minnesota State Horticultural Society



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PROGRAM FOR MINNESOTA STATE NURSERYMEN'S ASSOCIATION

Monday, December 2, 1963

A. M.

- 8:30 Registration -- Curtis Hotel Lobby
Coffee Hour -- Cardinal Room
- 9:30 Invocation -- Rev. Russel C. Waldron,
People's Congregational Church, Bayport
Opening remarks -- Charles Hawkins,
president
Committee appointments
- 9:45 Trees, Speeches and Fertilizer -- Clark
J. Pahlas, director, Olmsted County
Historical Society
- 10:45 Report on Arboretum and New Introduc-
tions -- Dr. Leon C. Snyder, head, De-
partment of Horticultural Science, Uni-
versity of Minnesota, director of Uni-
versity of Minnesota Landscape Arbore-
tum and superintendent of Fruit Breed-
ing Farm
Winter burn on Arborvitae -- Dr. Con-
rad Weiser, associate professor, Horti-
cultural Science, University of Minne-
sota
- 12:00 Luncheon
Politics and Private Business -- Arthur
H. Motley, president and publisher,
Parade Publications, Inc.

P. M.

- 2:00 Report of Division of Plant Industry --
Donald M. Coe, director of Plant Indus-
try, Minnesota Department of Agricul-
ture, and Walter Trampe, supervisor
of Nursery Inspection, Minnesota De-
partment of Agriculture
- 2:30 Equipment for Use in Nursery and Land-
scape Business -- Lawrence Bachman,
manager, Nursery and Landscape De-
partment, Bachmans, Inc., and Jim
Weimelt, owner, Nicollet Nursery, mod-
erators
- 6:15 Social Hour -- Courtesy J. V. Bailey
Nurseries. East Room

P. M.

- 7:00 Banquet -- East Room
8:00 Entertainment -- East Room
Jimmy James, Master of Ceremonies

Tuesday, December 3, 1963

A. M.

- 8:30 Coffee Hour -- Cardinal Room
- 9:30 Weed Control in the Nursery -- Thomas
S. Pinney, Jr., Evergreen Nursery Co.,
Sturgeon Bay, Wisconsin
- 10:30 Business Meeting
Committee Reports
Election of Officers
Old Business
New Business
- 12:00 Luncheon
The Impact of the Soviet Challenge --
Bob Ryan, News Commentator, KSTP

P. M.

- 2:00 Today's Nurseryman -- J. E. Korves,
director, Region IV, American Associa-
tion of Nurserymen
- 2:30 Home Ground Design in Minnesota --
Herbert Baldwin, Landscape Architects'
Associates, Office of Midwest Planning
and Research, Inc., Minneapolis

NOTES TO THE NURSERYMEN

Walter P. Trampe, Division of Plant Industry

Blasted Buds on Evergreens

Dying buds on Colorado spruce and the firs were the subject of considerable question and comment during the spring and summer months.

Nurserymen in all parts of Minnesota found that many new buds on some of their evergreens had been killed during the month of May, and the cause of the damage was quite difficult to determine definitely. Only some of the buds were affected on a given tree in most cases.

The areas of greatest damage did not follow a definite pattern. Some nurseries in the Minneapolis-St. Paul area escaped trouble and others were badly affected. The nurseries in southern Minnesota suffered as much as those farther north, probably because more of the firs are grown in the south and this genus appeared to be especially susceptible to the trouble. Both frost and disease became prime suspects.

Two nurserymen, one in the southern part of the state and the other in the Minneapolis area actually witnessed the wilting and dying of these buds. These men were in the field early in the morning and noticed the buds in good, green condition; however, they found they were stiff and rigid. After a couple of hours had passed, they became aware that the buds were wilting and some time later become brown and desiccated. Most nurserymen associated the time with a night when temperatures were below freezing.

Damage was severe on many fields of small trees; some fields were actually lost completely. In the main, the smaller trees were set back for a year or two. Careful pruning next spring should do much to correct misshapen trees.

Juniper Blight (Phomopsis juniperovora)

This appears to be a disease that does more damage to the junipers and is less frequently recognized than any other that comes to the mind of the writer at the moment. Heavily sheared, dense growth is more susceptible than open growth. This accounts for a condition where the base of some pyramids and heavily sheared trees may shed foliage while the tops of these same pyramids and more open, loosely growing trees will retain their foliage. Dense foliage tends to retain the moisture from dews and rains, providing a moist surface on which to allow the spores of the disease organism to germinate; hence the disease spreads to healthy tissue and other parts of the tree.

The organic mercury sprays, such as Tag-R and Puratized Agricultural Spray applied in the spring as the new growth starts, have been used for control with considerable success. It may be advisable, depending on individual problems and seasonal work loads, to try spraying your junipers in the fall with a dinitro compound such as a DN-289, Elgetol 318 or lime sulfur at about 9 to 1. These materials have dormant fungicidal value and will aid in the control of other pests, such as spider mites and scale insects.

ARBORETUM NOTES

With the development of an "on-going" arboretum, it is well to review the goals for which it was established.

Our goals are to:

1. Provide a living library of plant materials.
2. Create interest in existing plants and the development of new varieties.
3. Intensify woody ornamental research and education.
4. Encourage testing of new materials in many locations.
5. Demonstrate use of landscape plants for the promotion of Minnesota's vast potential for beauty and better living.

EDITOR'S COMMENTS

C. Gustav Hard
Extension Horticulturist

Mark December 2 and 3 on your calendar, and plan to attend the Minnesota State Nurserymen's Conference. An informative program has been prepared for you. With changing times and adjustments to the changing buying practice, it is especially important that you plan to attend this year.

The Home Lawn folder was completely revised and is now available for distribution. This is a University of Minnesota publication that many nurserymen have for distribution to their customers. It includes information on lawn construction and maintenance. With the many questions you may have on fertilizing and weed control you will want this folder for your personal use as well.

Folder 165, The Home Lawn may be obtained in bulk quantities by writing to the Department of Information and Agricultural Journalism, University of Minnesota, Institute of Agriculture, St. Paul, Minnesota 55101. Ask for bulk price.

A manual on Diseases of Ornamental Plants by Junius L. Forsberg has been released recently at the University of Illinois. It is complete with good pictures and up-to-date controls. The cost is \$2.00 for paperback and \$3.00 for hard cover. This book can be obtained through the Information Service, University of Illinois, Urbana, Illinois.

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