

spanworm, and linden looper. Also, it gives some control of tent caterpillar. Occasionally, it gives erratic performance. Two applications are required. It must be applied near or during the second instar stage of the gypsy moth caterpillar development which is usually about May 20, in most of Massachusetts. A second application is required about June 1.

Malathion and Methoxychlor are also in use, but these materials are not considered especially effective either separately or mixed for control of gypsy moth.

Chemicals may also be applied systemically by injecting them into tree trunks, but these chemicals may be dangerous to handle and their use is limited to certified applicators. Bidrin is the material commonly available in capsule form for trunk injection, but in this method many wounds must be made in tree trunks. The wounds are often small but they are still many times larger in size than is required for entry by organisms which cause decay. Untreated, a relatively healthy tree may recover from defoliation but, if wounded and infected, it may harbor decay for the rest of its life.

Disparlure is registered and used for trapping. Impregnated plastic strips are used for confusing the mating process, but are significantly effective for this purpose only in very light infestations (a few egg masses per acre).

Diflubenzuron (Dimilin) is an insect growth regulator which interferes with the formation of chitin - the insects outer covering. This is a very effective control material, but it is registered only for forest use away from human habitation.

Gypcheck, a formulation of virus, is toxic only to the gypsy moth. It is registered for use only under the direct supervision of the U.S. Forest Service. It is produced only by the federal government and is not commercially available. If this material becomes available for wide-scale use we will have the ability to choose an earlier year for treatment in the population cycle. Thereby, the virus disease should be effective as a control measure, sooner than the date associated with the natural build-up of the toxic virus.

THE FIFTEENTH ANNUAL

WISCONSIN GOLF TURF SYMPOSIUM

DEDICATED TO THE MEMORY OF O. J. NOER

TOPIC: SANDS ON AND IN GOLF GREENS

DATES: OCTOBER 29 and 30, 1980

PLACE: PFISTER HOTEL, MILWAUKEE, WISCONSIN

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All of us will be interested in your comments, too.

THE PLACE

The Pfister Hotel is in downtown Milwaukee at 424 East Wisconsin Avenue. Adjoining, sheltered parking is available in the hotel garage on Mason Street, one block north of Wisconsin Avenue. Limousine service is available from the airport.

SPECIAL NOTES

1. Make your room reservation by October 13, using the card enclosed. There will be other groups at the hotel and our rooms are held only until this date.
2. Let us know if you're coming by filling in the other card. Food guarantees are strict and we must give the hotel a count five (5) days in advance. Don't forget to place a stamp on each card.

THE REGISTRATION FEE

Your registration fee (\$35.00) includes lunch, two cocktails and refreshments served Wednesday afternoon and coffee at the breaks. By popular demand, dinner is on your own.

EXTRA SPECIAL

Remember that any funds in excess of expenses are contributed by the Wisconsin Golf Course Superintendents Association to the O. J. Noer Research Foundation.

INFORMATION

For further information contact any Association member or Bob Welch, Milwaukee Metropolitan Sewerage District, 735 North Water Street, Milwaukee, Wisconsin 53202. Telephone (414) 278-2034.



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15TH ANNUAL WISCONSIN GOLF TURF SYMPOSIUM

"SANDS ON AND IN GOLF GREENS"

OCTOBER 29, 1980

Wednesday Morning

8:00 A. M. Registration and Coffee, Imperial Room,
South Corridor - 7th Floor

9:00 A. M. Welcome Elwood Voigt, President, Wisconsin Golf Course Superintendents Association. Keynote Address Dr. William Daniel, Purdue University, Lafayette, Indiana. Short Break. Mr. Dan Warner, Lake Shore Sand & Stone, Grand Haven, Michigan.

11:30 A. M. Luncheon. Introductions and Announcements. Special Guest Speaker.

Wednesday Afternoon

SECOND SESSION

Wayne Otto - Chairman

2:00 P. M. Mr. Louis E. Miller, Louisville Country Club, Louisville, Kentucky. Short Break. Dr. John R. Hall, Virginia Polytechnic Institute & State University, Blacksburg, Virginia.

4:30 P. M. Cocktails and Conversation. Kings Row Seventh Floor. Sam Fugiasco at the Piano.

OCTOBER 30, 1980

Thursday Morning

THIRD SESSION

Robert Boltz - Chairman

9:00 A. M. Mr. James L. Holmes, The Green Makers, Bryan, Texas. Short Break. Mr. Stanley J. Zontek, United States Golf Association - Green Section, North Central Region, Crystal Lake, Illinois.

11:30 A. M. Questions and Discussion, Suggestions for 1981 Symposium.

Noon - Adjourn

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