

thirty days past the due date and only a little over 50% of the membership has paid. According to the Bylaws the membership shall cease if not paid by March 31, 1976. If you are in doubt as to whether or not your dues have been paid, you can clear up the situation by calling the M.S.C.S.A. office at 612/927-4643.

Dick DeSplinter reported on the candidates for office to the National Association, both the officers and directors as well as the bylaws amendments. The following announcement was made regarding caucusing before the final vote. The pre-election caucus for the M.G.C.S.A. will be held at poolside in the Normandy Motor Inn on Wednesday, February 11 at 11:00 a.m. Our chapter will decide at this time how its delegates will vote on new officers and on the proposed amendments to the bylaws. All members of the M.G.C.S.A. are urged to attend this important and informative meeting so that your delegates may vote as the true voice of their chapter.

Larry Vetter reported that the solicitation of the associate members for help in purchasing leisure suits for the International Conference had fallen short of its goal and that possibly the members would have to be asked to contribute a small amount toward the purchase.

Dick DeSplinter reported that his Annual Conference Committee is considering an alternative site outside the Twin Cities for the December 1976 Conference. He is collecting cost figures for the purpose of comparison and will present them at a future meeting. The possibility of polling the membership on this attitude of going outside the Twin Cities was also discussed and taken under advisement.

George Jennrich reported that he is working on an exciting plan for the March meeting which will be announced in the next issue of HOLE NOTES.

The meeting was followed by a really fine catered dinner of chicken divan plus all the trimmings. If you didn't go away satisfied, there was no one to blame but yourself!

#### THREE MINNESOTA MEMBERS JOIN THE QUARTER CENTURY CLUB.

Three long time members of the M.G.C.S.A. are among twenty-five superintendents who have become eligible for the G.C.S.A.A.'s Quarter Century Club by having been a member of G.C.S.A.A. for twenty-five continuous years. These new members will be honored during the Annual Membership Meeting which is a part of the International Conference and Show. Besides other honors, they will also be presented with a Quarter Century Club pin. The three M.G.C.S.A. members are Oscar Bergman, Parkview Golf Club; Pat Johnson, Life Member living in Bradenton, Florida; Herman Senneseth, Life Member living in St. Paul. Congratulations to these members who have been a part of the National Association for twenty-five years.

#### CHLORDANE AND HEPTACHLOR BAN ANNOUNCED.

The Environmental Protection Agency has indicated that effective December 24, 1975 any Chlordane or Heptachlor manufactured after July 29, 1975 cannot be used. It is our understanding that material manufactured prior to July 29 may still be used. It is suggested that you contact your local supplier if you are unable to determine the manufactured date of your material.

#### FORMER EXECUTIVE DIRECTOR HOSPITALIZED.

We are very sorry to report that Al Wareham was admitted to Northwestern Hospital the week of January 6. He was discharged January 15. We all wish Al a complete and speedy recovery. With the coming of the nice weather this spring, we certainly hope that Al will be able to attend a monthly meeting and visit with all his old friends.

#### TORO INVITES INTERNATIONAL CONFERENCE PARTICIPANTS

Minnesota Toro takes pleasure in announcing that their Business and Social Headquarters during the International Turf Grass Conference will be at the Normandy Motor Inn and hosted by Milt and Catherine Wiley. You are cordially invited to stop in their pool-side headquarters.

#### G.C.S.A.A. OFFERS REFERENCE MATERIAL

The G.C.S.A.A. Reference Material Service has made available for ordering twenty-six different books and magazines. The subjects of these materials range from turfgrass management to sprinkler irrigation to equipment maintenance. Examination copies of each title will be available at the G.C.S.A.A. Membership Booth at the International Conference and Show. Although order forms are still in process, conference participants will have the opportunity to place orders at the Membership Booth.

#### O. J. NOER RESEARCH FOUNDATION CITES ACCOMPLISHMENTS

Funds donated by leading turf distributors of Milorganite throughout the nation have made possible this report. Through 1975, the O. J. Noer Research Foundation has contributed \$ 100,000.00 toward advanced research in the turfgrass field. Information gained from these studies has been of use throughout the industry. Advanced degrees gained through this research help assure a supply of highly qualified research and extension personnel for the turfgrass industry.

More specifically, projects of value include a) Recognition of visual symptoms of major and minor nutrient deficiencies in turfgrasses; b) The effects of nitrogen fertility levels on growth and disease incidence in bentgrasses; c) The relationship of nutrient levels to management of bluegrass turf; d) The nutritional factors affecting turfgrass winter-kill; e) The causes and control of thatch in northern and southern grasses; f) The development of turfgrass reference libraries; g) Assistance in publication of the only turfgrass bibliography.

A total of 14 projects, conducted in six universities, have produced eight advanced degrees in turfgrass-related fields.

#### TORO ANNOUNCES SERVICE TRAINING CENTER PROGRAM FOR 1976

A comprehensive schedule of classes in all phases of turf equipment and management is currently being offered by the Toro Company. Complete information on class schedules, tuition and subjects can be obtained by writing or calling for the complete brochure. The Toro Company is located at 8111 Lyndale Avenue South, Bloomington, Minn. 55420. Telephone 888-8801.

#### ASSISTANT'S APPLICATION RECEIVED

HOLE NOTES has received a resume requesting employment as an assistant superintendent from Mr. James Jerdee of Mound, Minnesota. Jim received a Bachelor of Science degree in Horticulture from the University of Minnesota in June 1975 and is planning on acquiring a Bachelor of Science degree in Business Finance from the same school in June of 1976. He is available for work starting in the spring of this year. For further information please write or call James S. Jerdee, Route 5, Box 39, Mound, Minnesota 55364. Telephone 612/472-1396 after 5:00 p.m.

## NECROLOGY

On January 8, 1976 Merle Morelan, 56, passed away in his sleep. Merle was the Golf Course Superintendent at the Goodrich Golf Course in Ramsey County. He had also served at the Keller Golf Course in the same capacity. Merle was also a member of the Golf Course Superintendents' of America as well as the Minnesota Association. He had been associated with the Ramsey County Park Board for nine years.

On January 24 Irwin C. Fuller, Sr., 65, died just a few months after his retirement from the Mankato Country Club. Mr. Fuller had spent forty-three years on the job. He was a member of the M.G.C.S.A. since 1936 and in 1974 received his Quarter Century Club membership pin from the G.C.S.A.A. His son, Irwin C. Fuller, Jr., has succeeded him as the Golf Course Superintendent at the Mankato Country Club.

## MERCURY DECISION CANCELS SOME PRODUCTS; ALLOWS OTHERS TO REMAIN ON THE MARKET

If the initial decision filed in the Mercury cancellation case by Administrative Law Judge Bernard D. Levinson is upheld, about half of the present pesticidal uses of Mercury will be cancelled and the remainder could continue. Levinson recommended that the following Mercury containing pesticides should be cancelled because even "When used in accordance with widespread and commonly accepted practices, they will, generally cause unreasonable adverse effects on the environment within the meaning of Section 2(bb) of FIFRA". (1) All uses in paints and coating except as in can preservatives in water base paints and coatings and as a fungicide in water base paints and coatings used for exterior application. (2) All uses as a fungicide on golf courses except to control fungi of the snow mold complex. (3) All uses for seed treatment. (4) As a treatment for the control of Dutch elm disease. (5) All uses for any material that would be used for wearing apparel and other uses for textiles fabrics except those for outdoor use.

The uses that Levinson would allow to continue are (1) As an in-can preservative in water base paints and coatings. (2) As a fungicide in water base paints and coatings used for exterior application. (3) As a fungicide on golf course greens for the control of fungi of the snow mold complex. (4) As a fungicide in the treatment of textiles and fabrics for outdoor use. (5) As a fungicide to control brown mold on freshly sawed lumber.

The Administrative Law Judge explained that he was permitting the use of Mercurials in pesticides where most of the Mercury is used (paint and snow mold) and prohibiting certain uses where relatively small quantities are used on the basis of a risk benefit assessment. Judge Levinson stated: "The respondent (EPA) has presented considerable evidence to support its contention that the use of Mercury in pesticides will generally cause unreasonable effects on the environment. The registrants (Chemical Companies) have presented considerable evidence to the contrary. It is not a black or white situation...there are gray areas. It cannot be said with certainty, now and for all times, that the use of Mercury in pesticides poses no risk at all. In deciding whether particular uses should be permitted or prohibited, I have weighed the risks against the benefits. In those cases where there are no adequate or effective substitutes, I have decided that the benefits from the use of Mercurials outweigh the risks. On the contrary, where there are adequate and effective substitutes, whatever risks there are outweigh the benefits."

Judge Levinson observed that the application of the risk benefit test to the facts in a particular case is by no means simple. He further observes that a wide flexibility of choice exists where a hard look is taken at hard problems. He added, "The court suggested that the Administrator (EPA) should consider regulations selectively with restrictions on kind or extent of use".

I personally believe that the Minnesota Golf Course Superintendents will be benefitted by this decision and that our efforts in this case were not without results. The phrase "for the control on fungi of the snow mold complex" is, I believe, of Minnesota origin. And lastly, I believe the Judge is to be commended for reminding us and the Environmental Protection Agency that "Environmental Problems should be parsed with a scalpel not a hacksaw".

The EPA and Freers Company have raised exceptions to the above Mercury cancellation decision. The final decision may not be the one referred to above pending the outcome of these exceptions.

Ward C. Stienstra  
Extension Plant Pathologist

# GCSAA

## 47th international turfgrass conference and show

### GENERAL PROGRAM OUTLINE

#### Saturday, February 7

9:00 am-5:00 pm Pre-Conference Seminars

#### Sunday, February 8

9:00 am-4:00 pm Certification Examination  
9:00 am-5:00 pm Pre-Conference Seminars  
11:00 am-6:00 pm Registration  
12:00 noon-5:00 pm Ladies Hospitality Center Open

#### Monday, February 9

8:00 am-5:00 pm Ladies Hospitality Center Open  
8:00 am-5:00 pm Registration  
Banquet receipt redemption and table assignment  
9:30 am-11:30 am Opening Educational Assembly  
1:00 pm-4:20 pm Concurrent Educational Sessions  
8:00 pm-12:30 am Ice Show and Dance

#### Tuesday, February 10

8:00 am-5:00 pm Ladies Hospitality Center Open  
8:00 am-5:00 pm Registration  
Banquet receipt redemption and table assignment  
10:00 am-3:00 pm Ladies' Tour  
9:00 am-5:00 pm Exhibits Open  
1:00 pm-4:20 pm Concurrent Educational Sessions

#### Wednesday, February 11

8:00 am-5:00 pm Ladies Hospitality Center Open  
8:30 am-5:00 pm Registration  
9:00 am-12:10 pm Concurrent Educational Sessions  
9:00 am-5:00 pm Exhibits Open  
12:00 noon Deadline for redeeming Banquet receipts and table reservations  
2:00 pm-closing Annual Membership Meeting and Election of Officers

#### Thursday, February 12

8:00 am-3:00 pm Ladies Hospitality Center Open  
8:30 am-3:00 pm Registration  
9:00 am-4:00 pm Exhibits Open  
9:00 am-12:00 noon Concurrent Educational Sessions  
1:00 pm-3:10 pm Concurrent Educational Sessions  
7:30 pm-10:30 pm Annual Banquet  
10:30 pm-12:30 am Dance

#### Friday, February 13

9:00 am-12:00 noon Pictorial Presentations of area golf courses  
Ladies Hospitality Center - Closed  
Exhibits - Closed  
Registration - Closed

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