



Turf Times

Monthly
Update
April 1995
Vol. 24, No. 4

The newsletter from the Northern Michigan Turf Managers Association

Annual Spring Turf Management Seminar set for April 11

The NMTMA Annual Spring Turf Management Seminar, is set for Tuesday, April 11, 1995 at the Grayling Holiday Inn, Grayling.

| | |
|--|------------|
| Registration | 8:30 a.m. |
| Coffee and Rolls | |
| Controlling Nuisance Wildlife | 9:00 a.m. |
| Dr. Glenn Dudderer, MSU | |
| Annual Bluegrass Control in New Turf | 9:45 a.m. |
| Ron Calhoun, MSU | |
| Vote on By-Laws Changes | |
| Award Presentation | 10:15 a.m. |
| Richard Fadely NMTMA Scholarship Recipient | |
| A Look at Cultural Practices on Putting Greens | 10:45 a.m. |
| Thomas Nikolai, MSU | |
| Heat, Moisture & Wear-Fertilizing Turf for Summer Stress | 11:15 a.m. |
| Dr. Paul Rieke, MSU | |
| Lunch | Noon |
| Grayling Holiday Inn Dining Room | |
| Exposure to Pesticides | 1:00 p.m. |
| Greg Lyman, MSU | |
| Snowmold Survey | 1:40 p.m. |
| Dan Lucas, Mistwood Golf Course | |
| Deep Tine Aerification | 1:55 p.m. |
| Brian Holmes, Lost Lake Woods Club | |
| Mike Morris, Crystal Downs Country Club | |
| To Be Announced | 2:05 p.m. |
| Adjourn | 2:45 p.m. |

Cost for the day is \$15.00, payable to NMTMA. This includes morning coffee and rolls and buffet lunch. Make your reservation by April 7. Call 1-800-521-8873 or 810-437-1427. (Turfgrass Inc.)

Snow Mold Field Day April 13

In response to a number of inquiries, Dr. Vargas will be conducting a brief showing of the snow mold fungicide control trial located on a bentgrass golf course fairway on the Treetops/Sylvan Resort at 3962 Wilkinson Rd., Gaylord, MI on April 13, 1995. We will meet in the lobby of the main lodge (Sylvan Inn) at the resort at 10:00 a.m. and proceed by golf cart to the fairway study location (weather permitting). There will be no formal slide or data presentation. We will, however, have the plots strung and signed for picture-taking.

Lodging is available at the resort (800-444-6711) or at the Gaylord exit (#282) off I-75 (Days Inn, Super 8 Motel, etc.) If you have further questions, you may reach the resort at 517-732-6711.

Feel free to bring as many associates along as you wish, but please RSVP by April 10 by leaving a message, as to the number attending from your organization, with the Vargas lab at 517-353-9082. If you have further questions, we can be reached at the same number.

Hope to see many of you there.

CLIP AND SAVE

1995 Meeting Schedule

| | |
|------------------|--|
| May 8th | Lincoln Hills Golf Club Ludington |
| June 19 | The Gailes, Oscoda MTF Fundraiser |
| July 11 | White Pine National Gaylord |
| August 15 | The Rose, Leroy |
| September | The Natural, Gaylord NMTMA Fundraiser |
| October 10 | The Legend, Bellaire Chapter Championship |

NEXT MEETING:

Monday, May 8, 1995
Lincoln Hills Golf Club, Ludington
Maynard Garner, Superintendent
Watch *TurfTimes* for details

65th Annual Michigan Turfgrass Foundation Conference was record setting event

The 65th Annual Michigan Turfgrass Foundation Conference, held in Lansing, Michigan on January 16-19, 1995 was a record setting event. Over 1300 attended this years conference which set an all time high for attendance. The opening educational session focused on all Michigan State University turfgrass research projects. In addition, many other educational sessions covered timely environmental topics and numerous interests in the area of golf course, lawn care and athletic field maintenance. Wednesday evening was highlighted by a turfgrass vendors show where the attendees could see the latest in turfgrass merchandise being offered for sale next year.

The Annual Awards Luncheon held on Wednesday, January 18, 1995, featured the presentation of scholarship to many deserving students. The luncheon also included remarks by MSU President, Peter McPherson, who at the conclusion of his remarks was presented with checks totaling \$140,000 in support of turfgrass research at Michigan State University. The highlight of the luncheon was guest speaker, Dr. James B. Beard who gave a very nostalgic and entertaining talk on the "History and Future of Turfgrass Management."



Pictured here NMTMA President, Mark Wildeman and MTF President, Jon Maddern CGCS present \$5,500 to MSU President McPherson at the annual MTF Conference in Lansing on January 18, 1995.

This money supports turfgrass research at MSU. The money is raised annually by the NMTMA at their MTF Fund raiser. This year the fund raiser will be at the Gailes in Oscoda.

Classifieds

WANTED: Golf Course Mechanic. Contact Dennis Curtis at (616) 347-5875 or (616) 348-3999.

WANTED: Golf Course Superintendent - Old Course, Indianwood Golf and Country Club. *Requirements:* Turfgrass management degree from an accredited University. Previous work experience with Poa-Annu on greens, tees, and fairways. *Send Resumé to:* Indianwood Golf and Country Club, Mr. Marty Sommerfeld, Supt./Golf Course Manager, P.O. Box 5, Lake Orion, MI 48361.

FOR SALE: F-10, Gas, 6-blade, Fresh grind, New bed knives. Older used unit, but reliable, operated daily in 1994. Must sell. Make offer. Jeff Dorrell, Cadillac C.C. Work: 616-775-6021, home: 616-779-0096.

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NMTMA creates Scholarship Fund for Members & Northern Michigan High Schools

The NMTMA Board of Directors has created a scholarship fund in an effort to provide additional benefits to its' members and combat negative industry imaging at the high school level. We hope to target children of members, with hopes of higher education and Northern Michigan high school students in general.

At this time \$5,000 has been designated to help create a self sustaining money source. The logistics of this fund and criteria for eligibility are under investigation.

Summer is close and soon the golf course will be demanding much of everyone's time, but we hope to start awarding cash scholarships as soon as this fall. If you have constructive comments/suggestions or would like to donate your time to this project contact: Mark Wildeman or Mike Meinderstma.

A group becomes a team when each member is sure enough of himself and his contribution to praise the skills of others.

— Norman G. Shidle

It is easy to be critical. The real test is to come up with constructive alternatives.

The future is that time when you'll wish you'd done what you aren't doing now.

NMTMA Financial Report 1994-1995 Proposed Budget

Beginning Cash: General Fund Checking

Total Cash: November 1 \$16,104.37

| | | |
|---------|------------------------------|-----------|
| Income: | Publications Advertising | 13,125.00 |
| | Dues | 8,900.00 |
| | Meetings (Gen. & Mini-Conf.) | 3,100.00 |
| | MTF Fund Raiser | 11,000.00 |
| | NMTMA Fund Raiser | 2,000.00 |
| | Christmas Party | 5,400.00 |
| | Special Gifts | 0.00 |
| | Interest Earned | 400.00 |
| | Miscellaneous | 100.00 |

Total Income: 44,025.00

| | | |
|-----------|-------------------------------|----------|
| Expenses: | Secretarial | 1,000.00 |
| | Speakers | 1,000.00 |
| | Editor | 200.00 |
| | Meetings: General | 1,600.00 |
| | Mini-Conference | 1,200.00 |
| | MTF Fund Raiser | 6,000.00 |
| | NMTMA Fund Raiser | 500.00 |
| | Christmas Party | 4,500.00 |
| | Board Meetings | 500.00 |
| | Research & Professional: Gen. | 400.00 |
| | MTF Donation | 5,600.00 |
| | GCSAA Donation | 500.00 |
| | NMTMA Scholarship | 1,000.00 |
| | Awards & Recognition | 200.00 |
| | Office Supplies | 550.00 |
| | Postage & Mailing | 2,400.00 |
| | Membership Directory | 5,000.00 |
| | Newsletter | 9,700.00 |
| | Dues & Invoices | 500.00 |
| | Membership & Library Goods | 250.00 |
| | Insurance | 500.00 |
| | Service Charges | 175.00 |
| | Miscellaneous | 500.00 |
| | Legal and Accounting | 250.00 |

Total Expenses: 44,025.00

Year End Cash: October 31

Total Cash: Year End 16,104.37

Our 1995 budget is very similar to last year with a few adjustments in some of the accounts. As an example, the Secretarial Account has been increased from \$500 to \$2,000. The increase will be used as compensation to an individual to input data into our new computer system which the Board of Directors had previously approved. This computer will help with our financial record-keeping, committee reports, membership data and membership notices. If there are any questions or concerns regarding the budget please contact David Faucher or Tom Reed.

Superintendents elect association's 1995-96 board of directors

Gary T. Grigg, CGCS, Royal Poinciana Golf Club, Naples, Fla., was elected president of the Golf Course Superintendent Association of America (GCSAA) during the association's recent annual meeting in San Francisco.

Grigg succeeds Joseph G. Baidy, CGCS, Acacia Country Club, Lyndhurst, Ohio, who will continue to serve on the board for one year as immediate past president.

Bruce R. Williams, CGCS, Bob O'Link Golf Club, Highland Park, Ill., was elected vice president.

Elected as secretary/treasurer was Paul S. McGinnis, GCGCS, Union Hills Country Club, Sun City, Ariz.

Re-elected as directors were Dave Fearis, CGCS, Blue Hills Country Club, Kansas City, MO.; George E. Renault III, CGCS, Burning Tree Club, Bethesda, MD.; and Tommy D. Witt, CGCS, Wynstone Golf Club, North Barrington, Ill.

Micheal Wallace, CGCS, Hop Meadow Country Club, Simsbury, Conn., was newly appointed to the board. Wallace will serve the remaining year of McGinnis' term as director. McGinnis' director position was vacated when he was elected secretary/treasurer.

R. Scott Woodhead, CGCS, Valley View Golf Club, Dunwoody, Ga., completed his one-year term as immediate past president and will step down after serving on the GCSAA board of directors for six years.

GCSAA officers serve one-year terms, and directors are elected to two-year terms.

(Continued on Page 5)



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Demethylation Inhibitor (DMI) Resistance Update

Strains of *Sclerotinia homoeocarpa*, the casual agent of dollar spot, were isolated from several golf courses where demethylation inhibitor (DMI) fungicides had been reported to give little or no control. Laboratory tests provided evidence that the strains of *S. homoeocarpa* were resistant to the DMI fungicides. ED50 values for 50 isolates of *S. homoeocarpa*, from each of 6 golf courses, were determined for 4 DMI fungicide concentrations based on radial mycelial growth. Isolates collected from golf courses where DMI fungicides were used on a regular basis had higher ED50 values than isolates from golf courses where DMI fungicides had never been used. These studies allowed for the establishment of one fungicide concentration as a monitoring dose to follow shifts in the *S. homoeocarpa* populations.

Fungicide field trials were initiated in the summer of 1991 on a golf course which had reported no control of dollar spot with the use of DMI fungicides such as Bayleton, Rubigan, and Banner. During the next 4 seasons, individual field plots were sampled prior to the first fungicide application and following the last fungicide application. Each individual isolate sampled was tested against the established monitoring dose. From the data collected, the effects of each fungicide treatment

on the *S. homoeocarpa* population was evaluated.

The contact fungicides, Daconil 2787 and Dyrene, applied alone provided excellent disease control and were the only treatments to maintain a level of stability within the *S. homoeocarpa* population when compared to the control. The DMI fungicides applied alone or in combination or alternation with a contact fungicide resulted in a shift in the *S. homoeocarpa* population towards a higher level of resistance. Based on these results, the old theory that alternating contact and systemic fungicides or applying them together will prevent resistance from occurring will not work.

Since most of the problems with resistance to the systemic fungicides has occurred with dollar spot, a system needs to be designed to delay dollar spot from becoming resistant to the DMI fungicides. By limiting the use of DMI fungicides during the time of year when dollar spot is most severe, the selection pressure on the population can be reduced. This should allow the wild-type, DMI sensitive strains of *S. homoeocarpa* to remain dominant in the population.

By Dr. J.M. Vargas, Jr.
Department of Botany & Plant Path MSU

Watch That Sense of Humor!

A couple of years ago when Black Forest had first opened, I was trying to define the natural look the architect was after the way natural areas would merge with the bunkers was going to be of particular interest. Every hole would have bunker edges that were weeded and edges that were left natural.

I was having a hard time training the crew where exactly to weedeat. It seemed the best thing to do would be to make a detailed guide with drawings of each hole. I would simply highlight the edges and islands that were not maintained.

When I was done with my guide, I was confident even I could understand it if I had never been on the course, or played the game.

Now comes the great blunder. I decided to name my weedeating guide "The Black Forest Weedeating Guide for the Complete Idiot," after a VW repair manual of a similar name. I then placed the manual in a highly visible spot where it could start being used.

I had a small, hardworking crew at Black Forest that I felt I could joke around with. It never occurred to me that some of the crew would think my new booklet was titled with them in mind!

The next day the crew as on the quiet side. Toward the end of the day, it was brought to my attention that one of the crewmen did not appreciate being called an idiot. It happened to be the guy who had been doing the majority of the weedeating that week. This fellow was an outstanding employee and I felt bad that he or anyone had been hurt by this misunderstanding.

When the crew had finished the days work and were preparing to punch out, I called a meeting. I apologized to the crew for my poor judgment in the title of my weedeating guide and explained that it had the same title as a well known VW repair manual. Obviously the manual was not as well known as I thought. Anyway, the explanation and apology were accepted and the next day the guide was reissued with a new title.

I came away from this experience feeling that I had better take a more serious approach to my interactions with the crew—which was a shame because I like a good laugh now and then, particularly in the middle of a stressful summer.

I've heard worse stories than this about superintendents get-

ting in trouble joking with their crew. With the diverse backgrounds of golf course crew members, this certainly needs to be handled discretely.

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By Pete Hohn, Shanty Creek Resort

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New Fungicide is registered for use on turf

Rohm and Haas Company, a Philadelphia-based specialty chemicals manufacturer, has received EPA registration permitting application of the company's new EAGLE® fungicide to turf.

EAGLE® fungicide is expected to benefit golf course management, where its spectrum of disease control coupled with excellent safety to all types of turfgrasses will be of value in disease management programs.

In tests, EAGLE® fungicide has provided consistent control of brown patch, dollar spot, leaf spot, melting out and crow rot, leaf smuts, necrotic ring spot or spring dead spot, powdery mildew, red thread, rusts, Septoria leaf spot, summer patch, and copper spot or zonate leaf spot.

The new fungicide is a systemic product. It can be used as a protectant fungicide and also provides post-infection activity against turf diseases. Recommendations call for applications of EAGLE® to be made in a regularly scheduled spray program at a rate of 0.6 ounce/1000 square feet. Applications should begin when conditions are favorable for disease development, and should continue at intervals appropriate to the disease problem—generally on a 14 day protectant spray schedule.

Rohm and Haas research indicates that the active ingredient in EAGLE'S® fungicide does not leach into groundwater and does not accumulate in the soil with continued use. Because the product stays in the top three inches of soil until it breaks down, there is little potential for run-off.

The new product will be available as a wettable powder in pre-measured, water soluble pouches. A specimen label for EAGLE® WSP fungicide is available from the manu-

facturer, Rohm and Haas Company Turf/Ornamental Market Manager, 100 Independence Mall West, Philadelphia, PA 19106; telephone (215) 592-3000, or Turf Chemicals Inc., P.O. Box 451, Owosso, MI 48867-0451; telephone (517) 725-7145.

EAGLE® is a registered trademark of Rohm and Haas Company.

Superintendents elect association's 1995-96 board of directors

(Continued from Page 3)

The title "CGCS," which follows each director's name, stands for Certified Golf Course Superintendent. The CGCS title recognizes the high standards of professionalism achieved through education and experience.

Since 1926, CGSAA has been the leading professional association for the men and women who manage and maintain golf facilities in the US and worldwide. From its headquarters in Lawrence, Kan., the association provides education, information and representation to more than 14,000 individual members from more than 50 countries. CGSAA's mission is to serve its members, advance their profession, and enrich the quality of golf and its environment.

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