



Turf Times

Update
March, 1991
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The newsletter from the Northern Michigan Turf Managers Association

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NMTMA Educational seminar set for March 4th at Grayling

The NMTMA will hold its first 1991 meeting at the Grayling Holiday Inn in Grayling on March 4, 1991. The focus of the meeting will be chemical handling, pesticide certification, calibration, and hazardous material disposal.

The Grayling Holiday Inn is located on Business Loop I-75, south of downtown Grayling. The cost of the seminar and lunch is \$10.00 at the door. Please make checks payable to NMTMA.

IMPORTANT! You must make reservations to attend this meeting. Call Tom Reed at (616) 943-8343, or Kim Olson (616) 887-0515 by February 27th.

Continuing Education Units (C.E.U.'s) for pesticide licensing will be offered at this seminar.

8:45 a.m.	REGISTRATION, COFFEE & ROLLS
9:30 a.m.	WELCOME <i>Jeff Holmes</i> President, N.M.T.M.A.
9:40 a.m.	BIG FEARS LITTLE RISKS National Academy Of Sciences Presentation
10:00 a.m.	CALIBRATION Correctly Calibrating Sprayers & Spreaders <i>Dave Green</i> W.A. Cleary Corp.
10:45 a.m.	STORAGE TANKS Above and Below Ground Regulations <i>Mike Hylwa</i> Northern Michigan Pump Inc.
11:30 a.m.	CHEMICAL DISPOSAL Planned Disposal Day, Packaging, Labeling and Disposal Regulations <i>Charles Cabbage</i> Division Director Pesticide & Plant Pest Mngt. Michigan Department of Agriculture
12:30 p.m.	LUNCH
1:30 p.m.	PESTICIDE LICENSING Laws & Regulations for Certification and Registration <i>Keith Creagh</i> Certification Program Manager Michigan Department of Agriculture
2:15 p.m.	PUBLIC AWARENESS Educating Your Members and Neighbors <i>Frank Rossi</i> Environmental Education Specialist M.S.U.

Next Meeting: MSU/NMTMA mini-conference April 8th in Grayling

The NMTMA will be hosting its annual MSU/NMTMA Mini-Conference at the Grayling Holiday Inn in Grayling on April 8th. As part of our continued educational outreach to our members this conference will include presentations by Dr. Bruce Branham, Dr. David Smitley, Dr. Joe Vargas, and others from the university, state agencies and industry.

Take advantage of this opportunity to keep up with the latest in research, regulations and turfgrass management practices.

NMTMA has new logo

All NMTMA publications and letterhead will be sporting our new logo which you see on this newsletter for the first time. The Board of Directors carefully studied the many ideas presented by the membership, hired an artist to render several finalists, and then chose the logo on the cover which depicts the white pine, the water and the turf which make our association unique.

With respect to the GCSAA, the editor asserts that the GCSAA did not "deny" us the use of their logo as our previous newsletters reported. The GCSAA did ask us to request permission to use their logo indicating that the NMTMA is an affiliated chapter. The NMTMA Board of Directors then decided that this would be an appropriate time to establish our own identity in the ranks of turfgrass managers across the country. We are proud, as well, to claim our affiliation with the GCSAA.

Now, a special thanks to all the individuals who contributed logo ideas: Andy Norman, whose concept was chosen for our new logo; Becky Tate; Tom Reed and family; Tom Brogger; Dan Bundy; and Michael VerHage. Your efforts represent the commitment and involvement we honor in our membership.

Apply now for the GCSAA Legacy Award

The deadline for applications for the new GCSAA Legacy Awards is April 1, 1991. The Legacy Awards were created to give college scholarships to academically talented children and grandchildren of GCSAA members. The awards are based on academic ability, community and extracurricular involvement and an essay. Awards amounts can range up to \$5,000 depending on financial aid. Interested GCSAA members can contact the Office of Scholarship at (913) 841-2240 to get a copy of the application or to find out more information.

1991 NMTMA Meetings

April 8 MSU/NMTMA Mini-Conference, Grayling
May Crystal Downs Country Club, Frankfort
June MTF Fund Raiser, Garland Golf Course, Lewiston
July Twin Birch Golf Course, Kalkaska
August Thunder Bay Golf Course, Hawks
Sept. (Shanty Creek Resort or Sylvan Resort)
NMTMA Fund Raiser
October Tuck Tate/NMTMA Championship
& Annual Meeting, Huron Breeze, East Tawas

'91 NMTMA Membership Directory to be mailed in April

The 1991 NMTMA Membership Directory will be mailed to you in April. In an effort to extend and improve our membership services we will be including some useful reference materials, and an order form for additional reference material! Stay tuned to the NMTMA for more information.

Assistant Superintendent position open: Contact Jeff Holmes at The Grand Traverse Resort, 616/938-9083.

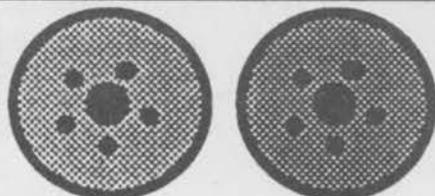
Equipment for Sale: '99, '72" Groundsmaster; '79 Spreadrite Topdresser; '79 Turfpro 84"; '80 Toro HTM 175; '83 300 gal. FMC Sprayer with foam maker; 2-wheeled Hydraulic Dump Trailer; '83 Ransome 171 Triplex Mower. Call Jeff Holmes at the Grand Traverse Resort for information and prices: 616/938-9083.

Equipment for Sale: '86 Toro Reelmaster 350-D; '88 Toro Reelmaster 450-D; Ryan Renovaire Fairway Aerifier with spoons and blades; 5-gang blitizers with 4 and 5 bladed reels. Call Mike Morris at Crystal Downs Country Club for information and prices: 616/352-4241.

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Certified Golf Course Mechanics

● Program offered to northern Michigan

Below you will find information about M.S.U.'s regional certification program for Golf Course Mechanics. **IMPORTANT!** We need at least 18 individuals to show interest before the classes can be offered in northern Michigan. If you or your mechanics are interested, please call Paul Holmes: work - 616/546-3233 or home - 517/732-7497.

Times, dates and places will be set if there is enough participation.

Certified Turfgrass/Landscape Equipment Technology Program

Michigan State University College of Agriculture & Natural Resources

Program Dimensions

Through the cooperation of the Michigan Turfgrass Foundation and the College of Agriculture and Natural Resources at Michigan State University the representatives of these groups are pleased to announce a new educational opportunity for persons wanting to improve their skills and abilities in the area of turfgrass and landscape equipment management and maintenance. The successful completion of this quality program will enable the individual to receive recognition as a certified turfgrass/landscape mechanic. This is the first program of its type to be offered in Michigan.

Admission To The Program

Applications are available for persons interested in enrolling in the Certified Turfgrass/Landscape Equipment Technology Program. The application must be completed and returned to Michigan State University along with a check for \$25.00. It is very important for the applicant to indicate his or her preference for the off-campus program by checking the location in the state where they prefer to attend. This program is designed to be completed in its totality thus priority will be given to applicants with this desire. First priority will be given to persons that are presently employed as mechanics or technicians or other personnel currently employed in the golf, landscape or lawn industry. Due to the type of instruction that requires consideration laboratory work enrollment in this program will be limited to 25 persons.

When and Where Will The Program Be Offered?

It is planned to offer this program on a regional basis to interested persons in Michigan and surrounding states.

What Will The Program Cost?

This program will be offered at the following tuition schedule. These costs will include all the expenses for the participant for the term listed.

Fall Term - 1st Session - \$500.00

Fall Term - 3rd Session - \$700.00

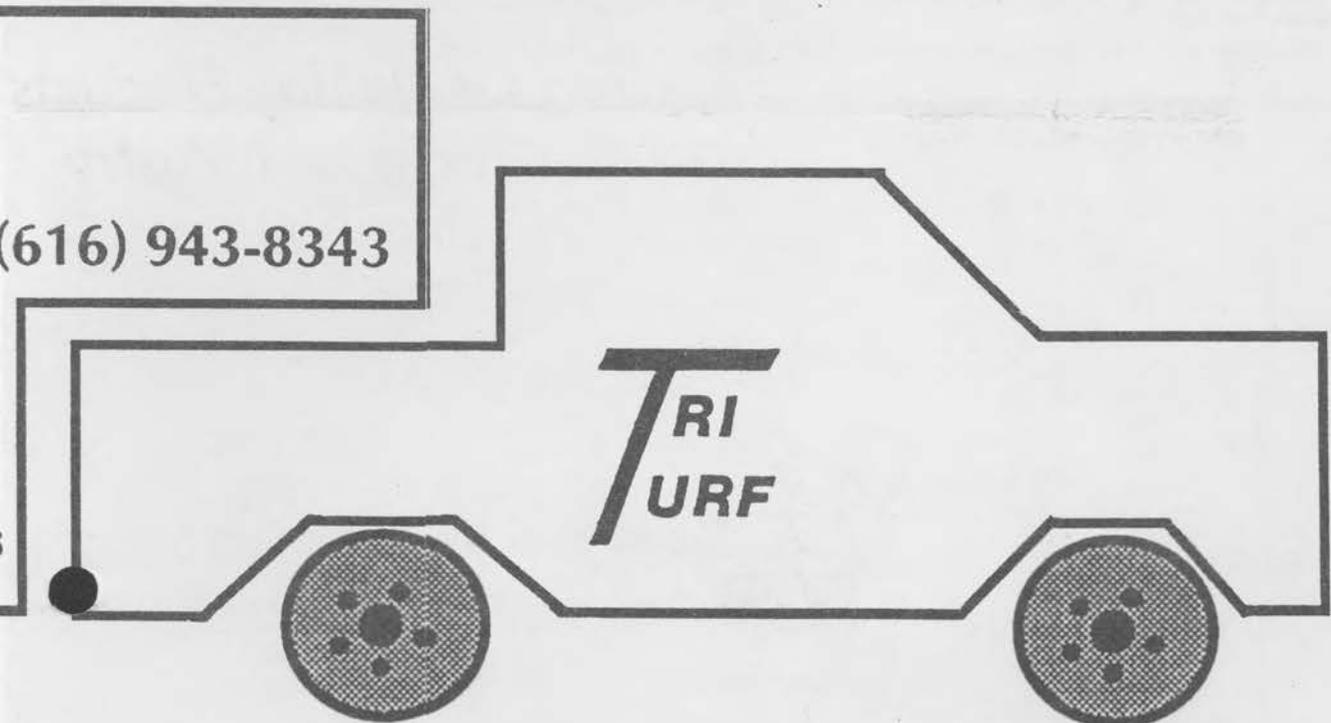
Winter Term - 2nd Session - \$500.00

Winter Term - 4th Session - \$800.00

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WAREHOUSE ON WHEELS

(616) 943-8343



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Certified Golf Course Mechanics program to be offered

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Please remember this a program offering that will lead to certification. The participant must successfully complete each portion of the program..

Description of Courses

Engine Technology I

Construction and operating principles of four and two cycle engines. Maintenance and service decisions based on component use, wear and performance. Use of service manuals and engine measuring tools.

Professional Development

Personal and professional development skills that will enable the person to be more competent in communicating, leadership activities and addressing future problems in the industry.

Turfgrass Machines

Characteristics, soil, environmental adaptation, and management requirements of grasses for golf course turf and lawns. Effects of turfgrass equipment on turfgrass.

Work Environment

Safety problem solving. Causes of accidents and prevention. Laws and regulations. Equipment, electrical, chemical and fire safety. Security and safety program development.

Engine Technology II

Techniques for testing, evaluating and servicing gasoline, and diesel engines and their supporting systems. Use of test equipment, service manuals, and service tools.

Computers

Terminology and basic understanding of micro-computers as used in the turfgrass/landscape industries. Use of computers as a recordkeeping device. Integration of computers and turfgrass/landscape equipment.

Chemical Application

Efficient and effective application of fertilizers and pesticides. Identifying and reaching the proper target, product formulations and selection, methods of application, and equipment use and calibration. Fertilizer and pesticide storage, handling, mixing, and safety. Calculations for accurate applications.

Electrical Systems

Operating principles, troubleshooting and testing of ignition, starting, charging and accessory electrical circuits.

Hydraulics

Principles of hydraulic components and systems as applied to turfgrass/landscape equipment. Construction and operation of hydraulic components and systems. Testing and troubleshooting.

Drainage and Irrigation

Principles of basic soil and water engineering including hydrology surface and subsurface drainage, irrigation system maintenance, control systems, and scheduling.

Welding/Metal Fabrication

Principles, skills, and safety for welding, soldering, brazing, cutting, fastening, and shop tools. Maintenance metal working for repair of turfgrass/landscape equipment.

Additional Information Contact:

Dr. C. Jump, 120 Agriculture Hall, Michigan State University, East Lansing, MI 48824 (517) 355-0190



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