

## Picture Your Field A Winner!

Spring is finally here! The air is warm - no more snow and hey, by the way, your field looks GREAT! So, why not take pictures now for submission into the STMA Field of the Year program?

Springtime, when everything is new and fresh, is a great time to begin working on this. Get together an outline of your maintenance program, your budget,



details on the geographic location of your field, original construction date, any renovations done by you or predecessors, any-

thing you can come up with to let our esteemed panel of judges come to the same conclusion you have - that Your field is the Best!

Each year Field of the Year entries are reviewed by our judges and winners are selected for the following fields: Baseball, Softball, Football and Soccer. Selections are made by a panel of

judges within the following categories: professional, college and university, high school, municipal or park. Each field is evaluated on



the qualities of the field along with how well you utilize the resources available for the maintenance of the field.

Thanks to the continued support of our Awards Sponsors: Advanced Drainage Systems, Covermaster, Hunter Industries, Partac Peat (Beam Clay®), Textron Golf, Turf & Specialty Products, Turf-Seed Inc. and West Coast

Turf; we are able to award our Field of the Year recipients with a plaque, a jacket and up to six crew



shirts, one registration to the STMA 2003 Conference & Exhibition in San Antonio, Texas, and up to \$500 toward travel expenses for the Conference!

So, picture it - and take pictures of it! Sidelines, centerfield, the infield and outfield areas. Show us your field prepped for action - show us you and your crew on the field, painting, mowing, all of those things that you do. Give us action shots of players. And make sure to include a few "verticle" shots. You may get a cover shot in SPORTSTURF when your field is featured!

Now's the time to begin - go out with your crew - and your camera - and PICTURE YOUR FIELD - A WINNER!



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## SPORTS TURF MANAGER

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# President's Message

## Spring into Action

by Murray Cook

Spring sports are starting to heat up for many of you. So, make the most of all that pre-season preparation by starting to take photos of your fields to enter the STMA awards sweeps for the top fields in our organization. The best time to begin planning your awards presentation is now. Take a series of photos, to show the before, during and after views to demonstrate how your field changes throughout the season. You will reap other benefits besides using the photos to develop a great presentation package illustrating your field operations for awards consideration.

I have found that taking photos on a weekly basis helps in detecting problems on your fields. Since you are on the fields daily, it's tough to see the turf changes/problems in their early stages. Comparison of the weekly photos can make those differences stand out so it's easier for you to catch them.

You can also use photos to document on-field events, especially those where play takes place in poor weather conditions. A before, during and after photo series for such events may help you explain to field user groups, coaches and supervisors why it may be necessary to limit or cancel play in bad weather.

The poor weather conditions as they relate to turf growth over the winter may test us all. Lack of rainfall and snowfall has depleted many basins and reservoirs along the East Coast. Unless the almanac proves us all wrong, water restrictions are sure to be imposed. This makes our job more difficult, but be patient and be professional in how you handle your water management issues.

Your Board met in San Antonio at the end of March and we have started the development of the slate of topics



Murray Cook

and speakers for next year's conference.

Many of you provided great feedback to the Education Committee to include in next year's format. Those of you who have additional ideas on how we can improve the conference educational information for your sports turf management programs, please give Headquarters a call. Your input is always welcome!

Our Headquarters Hotel, The Hyatt Regency, is located on the Riverwalk, which is the great meeting, greeting and mingling spot of San Antonio. And, it's right across the street from the Alamo, the city's top tourist attraction. The Hyatt is just a few minutes walk from the Henry B. Gonzalez Convention Center where the trade show will be held. San Antonio is a super location, with lots of great sports venues nearby to tour. And, with two great Texas Chapters helping in the planning, we're sure to experience a greeting as big as the heart of Texas. There's much more to come about the Conference in the next newsletter. Budget now for next year's show and plan to bring your assistant!

Make sure you continue to check the website for STMA updates and don't forget to return those calls to your vendors. They help support your association, which helps us all in the long run!

# WATER MANAGEMENT FOR SPORTS FIELDS

by Gil Landry and Clint Waltz, The University of Georgia

As potable water becomes more limited in many parts of the country from drought and population growth, developing sound water management programs on sports fields will become more critical. Sports turf managers must be informed about water conservation practices while providing a safe and aesthetically pleasing facility for recreational use. Knowing the factors that affect turfgrass water use and the capabilities of an irrigation system are essential for effective water management.

## Turfgrass water requirements

Water requirements for turfgrasses can vary significantly depending on species and variety, specific use of the grass, and the level of management.

### Grass Species

Species and even varieties within each species can vary significantly in their water use rates. Table 1 gives a general ranking of the water use rate for the more common turfgrass species.

Table 1. Rankings of Turfgrass Water Use Rates by Species

Ranking	Turfgrass Species
HIGH	Perennial Ryegrass Annual Ryegrass Poa Trivialis Kentucky Bluegrass
MEDIUM	Tall Fescue
LOW	Hybrid Bermudagrass Common Bermudagrass Seashore Paspalum Zoysia Japonica

### Specific Use for The Grass

The specific use of the grass determines the level of management. The level of management directly influences the water use rates and the irrigation requirements. A sports field that receives heavy traffic or is a high priority field will require a high level of management. The type and intensity of traffic will also affect the level of management. Football and soccer cause more general turf stress and injury than baseball, and thus would require a higher level of management. However, baseball can produce more significant injury in the high use areas such as in front of the pitcher's mound.

### Level of Management

Fertilization, mowing, and management of soil compaction and thatch, are all practices that influence turfgrass water needs.

Proper fertilization helps promote optimum shoot and root development. The deeper a grass' roots, the more capable it is of getting water held deep in the soil.

High nitrogen rates promote water use by promoting shoot growth at the expense of root development. This results

in turf with short, weak root systems. Adequate potassium is very important to turf stress tolerance, particularly drought stress and traffic stress. A good soil fertility program should be based on soil test analysis. Table 2 provides common nitrogen rates for common sports turf grasses.

Table 2. Yearly nitrogen fertilizer requirement for common sports turf grasses.


Grass Species	Maintenance Needs Pounds of N per 1000 sq. ft. per year
Tall fescue	3-6
Common Bermudagrass	3-6
Hybrid Bermudagrass	4-8
Zoysia Japonica	3-6
Kentucky Bluegrass	3-6
Perennial Ryegrass	3-6
Annual Ryegrass	2-5
Poa Trivialis	2-5

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# DOC'S DUGOUT - An Inning From Our Past

By Dr. Kent Kurtz - STMA Historian

## The Origin of the STMA Logo & Mayo

### Development of the First Logo

Many milestones were reached during 1984 that solidified the Association's future and contributed to the success we enjoy today. That was the year STMA became an independent organization and the first newsletter, Sports Turf News, was in the developmental stages. But there was no logo to identify this new group of sports turf managers or their newsletter.

My son, Todd Kurtz, was a high school sophomore at the time and an aspiring artist. He created three mock-up sketches which he presented to Mark Hodnick and me (photos #1,2, & 3) for consideration.



Logo design #1 - by Todd Kurtz

Mark was the landscape supervisor at Cal Poly at the time and we sat in my office at the university and drew several versions of a logo on a sheet of paper from Todd's sketches. We attempted to fit a baseball, football and soccer ball on some grass blades with various versions of the STMA name. We were extremely frustrated so my late wife, Trish, suggested, "go see Mayo."

Mayo was our neighbor who lived down the street from our home and the first STMA office. Mark, Todd, Trish and I went to see Mayo Kooiman for help. Trish, with her ability for graphic layout and font sizes, and Mayo, with her talent in art and organization, came up with the STMA logo in December of 1984. The black and white logo was featured in the first STMA newsletter in January 1985.

### The First Colored Logo

In 1986 STMA had a Director by the name of Rowland Lehman who was the vice president of Ransomes, Inc. in Wisconsin. Rowland showed me some coffee cups he had made for his company with green grass blades and the Ransome logo. I liked these cups so much that I asked Rowland for permission to use the grass blades on a coffee cup along with the STMA logo. Permission was granted and with Mayo's help the colored logo we use today was inscribed on the coffee cups along

with the message, "we do it on grass." Some of those cups are still around today.

### Who is this Mayo Kooiman?

People who do special things for others need to be recognized and honored

while they are still with us. Hence, the timeliness of this article as Mayo Kooiman has terminal cancer and is presently in Hospice. Recently she shared her life with me and fondly recalled the baptism of the STMA logo and how she acquired her passion for art.

Mayo Kooiman (Trenholm) is one of 5 children born to Louise Mayo in 1930. She is the granddaughter of Dr. Charles Mayo (1865-1939) a surgeon who started the Mayo Clinic in Rochester, Minnesota, along with his brother, Dr. William Mayo. Mayo is but one of 22 grandchildren that Dr. Charles Mayo enjoyed during his lifetime.

When a tornado hit Rochester in 1883, the Sisters of St. Francis, a teaching order, were recruited by the Mayo brothers as nurses to care for the injured and dead. Mayo's grandmother, Edith Graham Mayo, trained all of the nuns in surgical procedures. This brilliant move led to the establishment, in 1889, of the first hospital in southeastern Minnesota, St. Mary's Hospital, a 27-bed facility. Today, St. Mary's is the largest hospital in the world.

When the nuns retired from nursing they spent their remaining days at a retirement center at Lake Frontenac near the head-waters of the Mississippi River not far from Lake City, Minnesota. It was at this retirement center that Mayo Kooiman spent three weeks each summer from the age of 5 until

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Logo design #2 - by Todd Kurtz



Logo design #3 - by Todd Kurtz

# Welcome New STMA Members

**ABI Irrigation**  
Geary Stutts  
Villa Rica, GA

**Whitey Anderson**  
Turf Professionals Equip. Co.  
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**Thuston Brewer**  
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**Riley Caldwell**  
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**Randall Carpenter**  
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Richmond, VA

**The Hydroseeding Pro**  
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Totowa, NJ

**Erin Kiney**  
City of Brentwood  
Brentwood, TN

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## DOC'S DUGOUT

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Logo design #4 -  
by Mayo Kooiman

she was 10 years old. Here the elderly nuns taught Mayo how to draw birds, squirrels, people, flowers, etc. and it was from these meager beginnings that she acquired her artistic talent and her love and passion for art.

Mayo came from a family of artists, her great grandmother, grandmother and mother were all artists. Her mother, Louise Mayo, was her greatest mentor. Ironically, her mother was proficient in sculpture, but could not draw.

To refine and polish her artistic talent, Mayo Kooiman attended Bard College at Annandale on Hudson, New York, from 1947-1951. She further increased her art education at the University of Wisconsin (Madison), University of Minnesota (St. Paul), the New York Art League and at Chaffey College in southern California. She has specialized in graphics and painting and has worked many years as a needlepoint designer and muralist. She shared with me that she loves doing graphics as it offers her creativity. She immensely enjoyed creating the STMA logo with the "leafy grasses" and working with Trish Kurtz to produce the first STMA newsletters. She thanks STMA for allowing her to be creative and she is so proud of STMA for growing from the frugal membership of 60 members in 1984 to well over 2,000 in 2002. She loves people and is glad to give back to people her artistic knowledge and talent. Mayo is quite a lady and STMA is very proud to have her in its family of friends. She loves STMA.



Mayo Kooiman

If you would like to write Mayo a note of thanks for her great effort she can be reached at:

**Mayo Kooiman**  
1112 North Euclid Avenue  
Ontario, Ca. 91762

*But please do it soon!*



Color Logo design -  
by Mayo Kooiman

*Editor's Note: In order to be grammatically correct, the apostrophe was deleted from the logo - leaving it as you see it today.*

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*Medford, NJ*

**Mark Scullion**  
Monona Grove Schools  
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**Blake W. Shinn**  
Texas Rangers Baseball Club  
*Arlington, TX*

**Edward Smith, III**  
Kenston Local Schools  
*Chagrin Falls, OH*

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City of Bellevue  
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*Houston, TX*

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City of Green Bay  
*Green Bay, WI*

**Ilan Yablo**  
Israel Football Association  
*Ramat-Gan, Israel*





## Chapter Events



### Tennessee Valley Sports Turf Managers Association (TVSTMA):

TVSTMA will hold a Sports Turf Seminar at Crockett Park, Brentwood Parks and Recreation, in Brentwood, TN, on April 24. A Vendor Show will take place following the educational presentations. To Pre-Register for this event please call Stan Thomas 800-627-8816, Bob Hogan 888-224-6426 or Mike Sallee 615-371-2209.

Other Upcoming TVSTMA Events are as follows: May 23rd: Franklin Road Academy in Nashville; June 12: All Day Vendor Show in Jasper, TN; June 25th: Joint Meeting with Tennessee Turfgrass Association at the University of Tennessee in Knoxville; and July 18th: Bellevue Baptist Church in Memphis, TN.

For information on the TVSTMA Chapter, or upcoming events, call Bill Marbet, Southern Athletic Fields, Inc., at 931-380-0023 or 800-837-8062.

### MO-KAN Sports Turf Managers Association:

The MO-Kan Chapter will hold a Spring Turf Management Field Day on from 8:00 AM to 2:00 PM on April 24 at the University of Kansas Baseball Stadium. This event will focus on specific maintenance needs of Baseball, Softball and Soccer fields; general spring turf maintenance; field evaluation techniques; and irrigation water management.

MO-KAN also will hold at Summer Turf Management Field Day from 8:00 AM to 2:00 PM on June 19 at a Blue Valley School District location to be announced. This event will focus on all aspects of Bermudagrass establishment and maintenance on sand base and native soil fields and will contain a laser grading session which will include the mathematics of dual slope laser grading, laser grader setup and the opportunity for you to operate a grader blade with laser controls.

For information on the MO-KAN STMA Chapter, or upcoming events, call Jody Gill at 913-239-4121; Gary Custis

at 816-460-6215, or Mike Green at 913-208-6158.

### Minnesota Chapter STMA:

The Minnesota Chapter is planning a spring workshop for May 14 at Bethel College and Seminary. More details will be announced soon.

For information on the Minnesota Chapter, or upcoming events, contact Jeff Hintz, Bethel College & Seminary, St. Paul, Minnesota at 651-638-6075 or e-mail: [j-hintz@bethel.edu](mailto:j-hintz@bethel.edu).

### Florida Chapter #1:

The Florida Chapter will hold a Sports Equipment Field Day and Demonstration at Parkland on May 14. The educational focus is on preventive maintenance for irrigation systems and equipment.

For information on the Florida Chapter, or pending activities, call John Mascaro at 954-341-3115.

### Sports Turf Managers Association of Arizona:

The Arizona Chapter will meet on May 16 at the Tucson Parks and Recreation Hi-Corbett Field for morning educational sessions and a tour. The afternoon session will include a tour of the Karsten Turf Facility. The Chapter's Second Annual Golf Tournament will be held on June 7 at Sanctuary Golf Course at Westworld. For Tournament information, contact Scott Yakel at 602-315-6500 or Brian Johnson at 480-965-3890. The Turf in the Pines educational seminar will take place on June 14. Contact Felip Garcia at 928-774-2868.

For information on the chapter, or upcoming events, contact Bill Murphy, at e-mail: [bmurphy@ci.scottsdale.az.us](mailto:bmurphy@ci.scottsdale.az.us) or tel. 480-312-7956.

### Keystone Athletic Field Managers Organization (KAFMO/STMA):

Beacon Ballfields, in association with the Keystone Athletic Field Managers Organization (KAFMO), is conduct-

*continued on page 10*

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# Meet Your New Board Member

**Name:** Victoria Wallace, CPAg  
**Title:** Technical Agronomist/Northeast Sales Rep  
**Facility:** Turf-Seed, Inc.  
**Years Associated With STMA:** 7  
**STMA Offices Held:** Board of Directors, Marketing Committee Chair, Website Committee, Public Relations Committee  
**Educational Background:** MS - University of Rhode Island, BS - Penn State University  
**Professional Background:** Professional Sales - Lofts Seed, 1983-1995; Technical Services Coordinator - Lofts Seed, 1995-1998; Professional Sales/Marketing Liaison - ABT, 1998-2000; Technical Agronomist/Northeast Sales Rep - Turf-Seed, Inc. 2000-present.



**Hobbies:** Spending time with my family, gardening and cooking!

**Why did you decide to become a member of the STMA?** - There were great opportunities for networking. STMA appeared to be an active and "up and coming" association of turfgrass professionals with unique areas of need and potential research.

**What do you feel are major issues facing the sports turf industry today?** - Recognition of professionalism among all members of the STMA, recognition of the value of the STMA from other green industry professionals.

**What would you do to resolve some of these issues?** - Help promote/focus on advancing STMA and its professionalism through the marketing of the STMA image, improved chapter affiliation, its certification program and the SAFE Foundation.

**Do you have any words of wisdom for your peers in the STMA?** - Get involved in promoting your association, serving on committees. You'll never know what doors you open until you get involved.



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## Chapter Events

*continued from page 8*

ing two field maintenance seminars in Pennsylvania. The first will be held on Tuesday, May 21, at Delaware Valley College in Doylestown. The second is scheduled for June 5 at Cranberry High School in Seneca. Both seminars will feature former Baltimore Orioles Head Groundskeeper, Paul Zwaska, who is now General Manager for Beacon. Topics in the seminar are designed to educate groundskeepers, coaches, and facility managers with the emphasis placed on field maintenance materials, equipment, and maintenance practices. The day-long seminar consists of a morning classroom session followed by an early afternoon on-field session.

For more information on these seminars call Beacon Ballfields at 800-747-5985. For information on the KAFMO/STMA Chapter or other upcoming events, contact Dan Douglas, Reading Phillies Baseball Club, at 610-375-8469, ext. 212; or e-mail to: kafmo@aol.com.

### **Ohio Sports Turf Managers Association (OSTMA):**

The OSTMA chapter will hold a spring workshop in the Cleveland area with Baldwin Wallace College and the Akron Aeros on May 22. Check the website for more details and a registration form.

The OSTMA will host a summer workshop with the Toledo Mudhens on June 26, 2002, at the brand new 5/3rd Field in downtown Toledo. Educational sessions will be conducted by Jeff Limburg, Head Sports Field Manager, and the OSTMA. The MISTMA Chapter also has been invited to participate. Tickets will be available so attendees can catch the ballgame following the workshop.

For information on the OSTMA Chapter, or upcoming events, call OSTMA Headquarters at 740-452-4541 or Boyd Montgomery at 419-885-1982; or visit the chapter's website at [www.glstma.org](http://www.glstma.org).

### **Iowa Sports Turf Managers Association:**

The Iowa Chapter will hold a Softball Workshop at the Burlington Regional Rec Plex on May 22. A New Construction and Renovation Workshop is scheduled for June 25 at Grinnell College.

For information on the Iowa Chapter, or upcoming activities, contact Lori Westrum of The Turf Office at 515-232-8222, or fax 515-232-8228, or e-mail: [Lori@iowaturfgrass.org](mailto:Lori@iowaturfgrass.org).

### **Colorado Sports Turf Managers Association:**

The Colorado Chapter is planning a Baseball/Softball Seminar at the City of Westminster on June 5. Also in the planning stages is a Summer Workshop covering soccer/football/baseball/softball maintenance. This event will be held at the City of Aurora.

For information on the Colorado Chapter, or upcoming

activities, visit the Chapter's website--[www.CSTMA.org](http://www.CSTMA.org)--or call the CSTMA Chapter Hotline at 303-346-8954.

### **Michigan Sports Turf Managers Association (MiSTMA):**

The Michigan Chapter's annual meeting will be held June 20, 2002, at Okemos High School. MISTMA also will join the Ohio Chapter for a summer workshop with the Toledo Mudhens on June 26, 2002, at the brand new 5/3rd Field in downtown Toledo. The MSU/MTF/MiSTMA field day will be hosted by the MTF at Michigan State University on August 13. This event will team sports turf managers and business managers with a focus on the business end of maintaining sports fields.

For information on the Chapter or pending events, e-mail Amy Fouty, University of Michigan, at [fouty@umich.edu](mailto:fouty@umich.edu), or go to [www.mistma.org](http://www.mistma.org) to visit the chapter's new website.

### **Southern California Chapter:**

For information on the Southern California Chapter, or pending activities, call Ron Kirkpatrick at 858-453-1755.

### **Northern California Chapter of the STMA:**

For information on the Nor-Cal Chapter, or pending events, call Janet Gift at 530-758-4200.

*continued on page 17*

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# WATER MANAGEMENT FOR SPORTS FIELDS

continued from page 3

Mowing also effects root and shoot development. Turf that is maintained at a higher mowing height normally has a deeper, more extensive root system. However, as the leaf area increases, transpiration may increase resulting in higher water use rates. Therefore, moderate-mowing heights should be utilized during high stress periods.

Mowing frequency should be determined using the "1/3" rule. No more than 1/3 of the leaf area should be removed at any one time. Frequent mowing leads to thicker, denser turf. The higher the density, the lower the evaporative water loss from the soil. Also, dense turfgrass is more competitive against weed invasion. Table 3 gives recommended mowing heights for common sports turf grasses.

**Table 3. Recommended Mowing Heights for Sports Fields.**

Grass Species	Mowing Height (inches)
Hybrid Bermudagrass	0.5-1.5
Common Bermudagrass	1.0-2.0
<i>Zoysia Japonica</i>	1.0-2.0
Tall Fescue	1.5-2.5
Kentucky Bluegrass	1.0-2.5
Perennial Ryegrass	0.5-2.5
Annual Ryegrass	1.0-2.0
<i>Poa Trivialis</i>	0.5-2.0

Soil compaction limits both water and air movement into the soil profile, and thus reduces shoot and root development. A good aeration program should be established to break up compacted layers, significantly increasing air exchange and water infiltration rates. The frequency of aeration for specific turf areas is dictated by the intensity of traffic the area receives, the soil type, and soil moisture levels during use. Areas that receive heavy traffic, have high silt and clay contents, or have wet soils when being used require frequent aeration.

Thatch, the layer of dead plant material found between the soil surface and the base of the leaves, can slow water movement into the soil and lead to runoff. Thatch accumulation results from heavy fertilization, improper mowing and irrigation. Topdressing, vertical mowing and aeration can be utilized during low stress periods to help control thatch development.

## Soil type

Knowing and understanding the characteristics of soils is crucial to setting up an effective irrigation schedule. Soil type influences how often, how much, and how fast water can be applied. Soil types have different water holding capabilities.

Available water is the fraction of water that is held by the soil and can be extracted by plant roots. As a soil dries, water is held more tightly within the soil pores.

Eventually, water is bound so tightly by the soil that turfgrass roots are unable to obtain the water. The remaining water is unavailable to the grass. Under conditions of high evapotranspiration (ET), the available water might not be available fast enough to prevent drought stress.

Table 4, gives the general amount of readily available water held for each soil type (given in inches of water per foot of soil).

**Table 4. Estimates of Readily Available Water for Different Soils.**

Soil Texture	Readily Available Water (in/ft)
Sand	1.0
Sandy Loam	1.8
Loam	2.0
Silt Loam	1.75
Clay Loam	0.9
Clay	0.6

## Turf rooting depth

To establish an efficient irrigation schedule, the turfgrass rooting depth must be known. Ideally water is generally applied to wet the soil just below the effective root zone. Water below the rootzone is unavailable to the roots, and therefore wasted. Applying water to a depth significantly less than the effective root zone can lead to shallow rooting. Shallow irrigation will also require more frequent irrigation to prevent drought stress. The more the surface is moist during field use the faster soil compaction will become a problem. Generally allowing 48 hours between irrigation and field use reduces the potential for soil compaction. The deeper water can be applied within the effective root zone, the less frequent irrigation will be needed.

## Environmental conditions affect the water-use rates of turf.

Environmental conditions influence irrigation requirements. Low humidity, high temperatures, and high wind speeds significantly increase water lost from the soil and the plant by evapotranspiration (ET). ET rates are much lower when conditions are cool, humid, and/or calm.

The time of year also impacts irrigation frequency. During the summer months, when temperatures are high, and days are long, irrigation needs are high. During late fall, winter, and early spring, temperatures are cool, days are short, and water needs are generally low.

Proper management of water resources requires an understanding of turfgrass water needs by species; the interactions of fertilization, mowing, soil compaction, and thatch on turfgrass water use; soil types; turfgrass rooting depth; and the effects of environmental factors. By managing resources efficiently, it is possible to provide high quality, safe playing surfaces while practicing water conservation.



The Sports Turf Managers Association is pleased to announce the latest innovation on the STMA Website. PowerLinks is set to be unveiled on the website ([www.sportsturfmanager.com](http://www.sportsturfmanager.com)) in late May 2002. PowerLinks is designed to provide STMA website visitors non-stop access to vital sports turf products and services via the internet. You could call it a "virtual trade show" that is open 24 hours every day!!

PowerLinks is based on the "Commercial Members by Products & Services" listing found in the STMA Membership Roster & Resource Manual. It expands on that idea by providing links to websites with actual products and services. A large part of your shopping can be done online at your leisure. Still, you can contact vendors if you have questions or when you are ready to make purchases. That's the power of the internet - open all the time and personal attention just a phone call away.

**How does PowerLinks work?**

A PowerLinks icon will be featured prominently on first-view of the STMA Home Page. Click on the PowerLinks icon and see 63 product and service categories in alphabetic order.

Next, select one of the product and service categories to view logos of STMA Commercial members offering products and services in that category. To go directly to that website, simply click on the logo of the company of your choosing. We encourage you to mark the page listing all 63 product and service categories as a favorite for easy return visits.

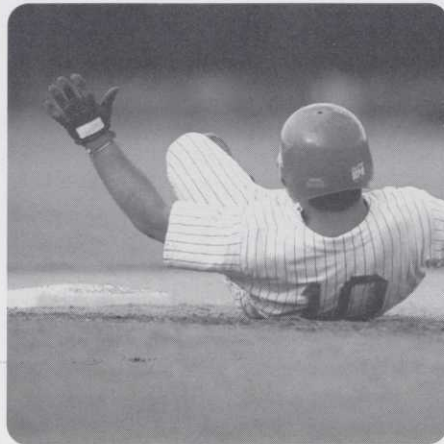
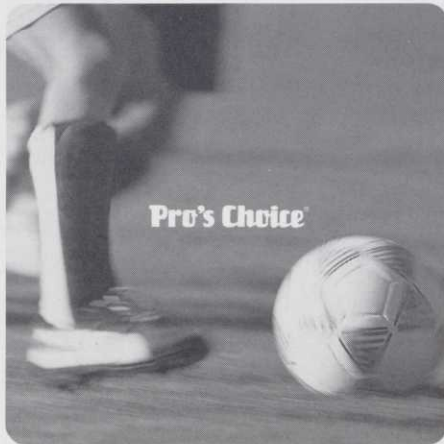
**Who can list links on PowerLinks?**

PowerLinks listings are reserved for STMA Commercial Members who have paid a nominal annual fee for each link. These members share STMA's goal to provide safe sports fields for all levels of play and are ready to provide services and tools to benefit all sports field managers.

STMA stands ready to assist members in many ways. PowerLinks has great potential for commercial members and sports turf managers by creating a market place of suppliers and consumers that never closes. If you should have any questions about the PowerLinks program, please contact Rich King or Steve Trusty at 800-323-3875 or by e-mail at [STMAHQ@st.omhcoxmail.com](mailto:STMAHQ@st.omhcoxmail.com).



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## STMA Board Meeting Report

The STMA Board of Directors met on March 22 and 23 in San Antonio, Texas. The meeting was held at the Hyatt Regency Hotel on the Riverwalk, the Headquarters Hotel for the STMA Conference & Exhibition to be held January 15 to 19, 2003. Board members toured the hotel meeting facilities and also the Henry B. Gonzalez Convention Center, site of the 2003 Trade Show.

The Board approved the minutes of the January 15, 2002 Board Meeting and the Minutes of the January 19, 2002 Annual Meeting as presented. The 2002 Board also had held a post Conference session following the Conference round-table sessions on January 19, 2002 to critique Conference details and to set the date for the Spring Board Meeting. The Board approved the Preliminary Financial Reports for the period ending February 28, 2002.

Membership Committee Chair, Mike Andresen, CSFM, reported that the Mentoring Program was underway, with several Mentors selected and the process of new member to Mentor assignments in the final stages of development. He also reported the appointment of the Student Member Subcommittee co-chairs, Jeff Salmond and Chad Follis, and noted they were in the process of naming committee members and developing their strategic initiatives.

Areas under review and consideration by the Membership Committee are a five-year dues structure and definition of a commercial member.

Website Committee Chair, Boyd Montgomery, CSFM, reported the progress on the website development, provided details for development of committee pages and a spotlight on committees additions to the homepage. He introduced the Committee's recommendations for the commercial member links and gained Board approval for this initiative. (See PowerLinks article, page 14)

Chapter Relations Committee Liaison, Dave Rulli, reported that the Chapter Regional Conference Calls would be held the last week of March and first week of April. Key items for consideration are participant input on the Chapter Officer Training and Idea Exchange Session (COTS) held in conjunction with the annual conference, further development of the Speakers

Bureau, and development of a chapter formation page and a resource page for the website.

Three forming Chapters moving toward affiliation are located in the Pacific Northwest, Georgia and Kentucky.

Marketing Committee Chair, Vickie Wallace, recommended Board review of budget requests to enable the Committee to pursue strategic initiatives previously recommended to the Board. This Committee will be meeting via email and Conference Call to further define short-, mid-range and long-term strategies to provide a comprehensive marketing approach for Board consideration. Part of the Committee's directive is review of all current STMA brochures and marketing initiatives.


Conference Education Committee Chair, Dr. Tony Koski, reported on the 2003 program development to date. The Board discussed methods to increase awareness and participation in the Conference Networking Sessions.

Other key areas of discussion included: development of methods to improve sponsorship recognition, adoption of industry-related rebate programs, revision of the Board Member Handbook, and review of the Board nomination procedures.

The Board reviewed future Conference dates and approved the following: January 19 to 23, 2005, January 18 to 22, 2006, and January 17 to 21, 2007. The 2004 Conference will be held January 21 to 25 in San Diego, California.

The next Board Meeting will be held July 26 and 27, 2003, at a site yet to be determined.



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# Headquarters Report

by Steve Trusty, Executive Director

We are pretty well moved into our new Headquarters. Besides having a lot more room, we have made some changes that provide a direct benefit to STMA members. There are now dedicated telephone lines to STMA (712/322-STMA). We were able to keep the same toll-free number (800/323-3875), but it now rings in on the STMA line. The other lines will still be answered for STMA and Trusty & Associates. By moving into town, we were able to secure high-speed Internet access. Before, only one person could be on the Internet at a time and making changes to the Website was a tedious and time-consuming task. Now, all employees can be on the Internet at the same time, each one has their own e-mail address, and updating the Website is much quicker. The e-mail address for each person is their first name followed by @st.omhcoxmail.com. You can direct a message to a specific staff member, to two or more staff members, or you can e-mail Headquarters at STMAHQ@st.omhcoxmail.com. Those messages come to a central location and are then routed to the individual

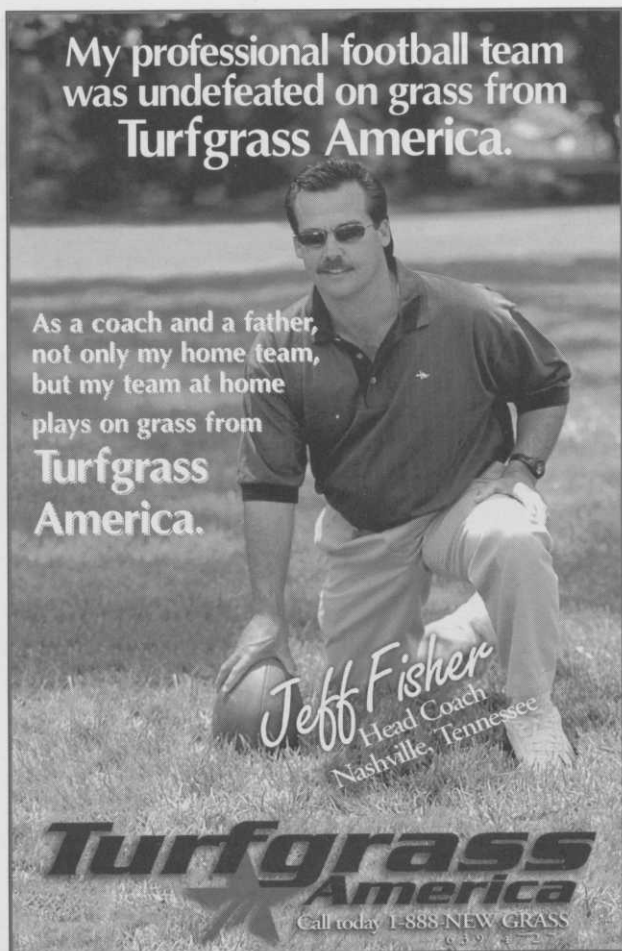
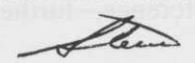
who can provide the assistance.

The building housed an insurance agency for the past twenty years and was built around 1900. It may not look modern on the outside, but is very modern inside and very functional. If you ever get to the Omaha/Council Bluffs area, be sure to stop by and say hello. You might even see some of the STMA history on display.

The STMA Conference and Exhibition in Las Vegas was a tremendous success. Attendance was just slightly under last year. Compared to many meetings after 9/11, that is not bad. 98.6% of those that were in attendance and filled out the surveys indicated that the Overall Conference was good to excellent. 98.5% said, "Yes" to "Did the educational sessions meet the specific needs of your day-to-day activities?" Of the 26 different areas of the Conference that were rated, there were only a total of 9 "poor" ratings. Three of those applied to hotel accommodations. These were possibly people that were placed in the older, non-refurbished section of The Riviera. 58.6% of the attendees rated the hotel good to excellent. While your staff and Conference and Education Committees are very pleased with the survey results, they are already hard at work to make next year's Conference even better. Many great suggestions were included in the surveys and the Committee is taking all of them into consideration. A group of individuals from the Texas Chapters are putting together some exciting and worthwhile tours. Your Board met in San Antonio March 22 and 23. They are very excited about all of the opportunities for an even better Conference than STMA has ever had. The Riverwalk, the Hyatt, the Convention Center, the weather and that great big Texas Hospitality should be enough for every STMA member to want to attend. Mark your calendar now for January 15 to 19, 2003. All Chapter officers should mark their calendar for January 14 for another great COTS.

New and renewed memberships have been coming in very strong. We are well ahead of last year. We have an excellent shot of exceeding our budget for dues. Have you signed anyone up yet? Remember, for each new member that YOU refer to STMA, YOU will receive a certificate good for \$10 at STMA. You can use the certificates individually or combine them for any purchases of STMA merchandise, books, registrations, or even your own dues. Let us know if you need more membership brochures.

Until next issue, may your fields be the best in your area.



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## Chapter Events

*continued from page 10*

### **The Greater LA Basin Chapter of the STMA**

For information on the Chapter or pending events, call Steve Dugas, California State University - Fullerton, at 714-278 - 3929 or e-mail [sdugas@fullerton.edu](mailto:sdugas@fullerton.edu).

### **Gateway Chapter Sports Turf Managers Association:**

For information on the Gateway Chapter, or upcoming events, call Mike Krone, Missouri Baptist College, 314-392-2328 or e-mail [krone@mobap.edu](mailto:krone@mobap.edu).

### **Indiana Chapter:**

For information on the Indiana Chapter, or pending activities, call Terry Updike, B & B Fertilizer, at 219-356-8424.

### **Nebraska Sports Turf Managers Association:**

For information on the Nebraska Chapter, or upcoming events, call Gregg Bostelman, City of Grand Island, at 308-385-5426.

### **Midwest Chapter STMA:**

For information on the Midwest Chapter, or pending activities, visit the Chapter's website-[www.mcstma.org](http://www.mcstma.org)--or call Libby Baker at 847-263-7603 or e-mail [Bake60ft6in@aol.com](mailto:Bake60ft6in@aol.com).

### **Sports Field Managers Association of New Jersey:**

For information on the New Jersey Chapter, or upcoming events, call Fred Castenschiold at 908-722-9830; or call Eleanora Murfitt, at 908-236-9118; e-mail to [SFMANJCHAPTER@netscape.net](mailto:SFMANJCHAPTER@netscape.net).

### **Mid-Atlantic Athletic Field Managers Organization (MAFMO Chapter STMA):**

For information on the MAFMO Chapter, or pending activities, call the Hotline at 410-290-5652.

### **North Texas Sports Turf Managers Association:**

For information on the North Texas Chapter, or pending activities, contact Scott Piecha at 817-831-4505 or [sspiecha@aol.com](mailto:sspiecha@aol.com) or Rene Asprion at 972-647-3393, or visit the website at [www.ntstma.org](http://www.ntstma.org).

### **South Texas Sports Turf Managers Association:**

For information on the South Texas Chapter, or upcoming events, call Craig Potts, Texas A & M University, at 979-458-8841, or e-mail: [CPotts@athletics.tamu.edu](mailto:CPotts@athletics.tamu.edu).

### **Virginia Sports Turf Managers Association:**

For information on the Virginia Chapter, or upcoming events, contact: Chapter Vice President, Randy Buchanan, County of Henrico Recreation and Parks, via e-mail: [buc06@co.henrico.va.us](mailto:buc06@co.henrico.va.us) or at 804-261-8213.

### **Wisconsin Sports Turf Managers Association:**

For more information on the Wisconsin Chapter, or other pending events, call Richard Miller at 608-756-1150.

## **Chapters On The Grow**

**Las Vegas:** For information on the chapter developing in Las Vegas, contact Rod Smith, Grounds Manager/Cashman Center e-mail: [rms@lvcva.com](mailto:rms@lvcva.com) or at 702-386-7140.

**New York:** For information on the chapter forming in Central New York, contact Kevin Meredith, National Soccer Hall of Fame, e-mail: [Kevin@wpe.com](mailto:Kevin@wpe.com) or at 607-432-2953.

**Pacific Northwest:** For information on the chapter forming in the Washington/Oregon area, contact in Washington, Jay Warnick at 425-893-5130 or [JayW@Seahawks.com](mailto:JayW@Seahawks.com) or in Oregon, Mike Wagner at 541-346-5436 or [MWagner@Oregon.UOregon.edu](mailto:MWagner@Oregon.UOregon.edu).

**Georgia:** For information on the chapter forming in Georgia, contact Lori Turek at 770-928-1580 or [gastma@earthlink.net](mailto:gastma@earthlink.net).

**Kentucky:** For information on the chapter forming in Kentucky, contact Tom Nielsen at [TNielsen@batsbaseball.com](mailto:TNielsen@batsbaseball.com) or Aaron Boggs at [AVBoggs@netscape.net](mailto:AVBoggs@netscape.net).

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# Professional Development: Managing the Information Flow or FAT is Good!

The information flow has exploded, with radio, TV, telephone, newspapers, magazines, faxes, snail mail, and email all bringing input at a rate that can be overwhelming. Take steps now to gain control of the job-related information stream. You'll improve your management skills and reduce your stress level.

First, consider the information coming to you and ask a few basic questions. Does this pertain to my position? Is it urgent? If not urgent, is it new? Is it necessary to the proper functioning of my department or my facility? Does it relate to my strategic plan? If the answer to all of these questions is no, what is the objective in further processing and keeping the information?

Take a few tips shared by Barbara Hemphill, President of Hemphill Productivity Institute, Inc., in the January 2000 issue of Association Management magazine. She recommends the "FAT" system: File, Act, or Toss. "When information piles up," she says, "it means there's a decision that hasn't been made. As a user of information, you must file it (which simply means you are

afraid to throw it away because you may need it someday), act on it (decide whether the information relates to something you need to do - a project or event you might be planning), or toss it (because it doesn't relate to any of your goals)."

Hemphill further notes that the FAT system applies equally to electronic information and suggests you take control of when you empty the trash. She recommends setting your computer's default system to "throw it away," thus saving you from the temptation to use your email inbox as "a repository for postponed decisions."

Remember, in your work mode, it's okay to dispose of unneeded information, even good information, that is not applicable to job skills or performance.



## Mentoring Program Introduced

The Mentoring Program may well become the most important initiative of the Membership Committee. It will be key to STMA at the national/international level in both growth and long-term involvement, and to the regional Chapters in getting more people actively involved. It's one more element of the synergistic relationship between these two major components of the Association.

The Mentoring Program will serve several purposes: provide a personal, member to member welcome to new members; inform them of the benefits of the national association and of the local/regional chapter as a vital first step in networking; become a resource for answering questions, providing information and helping establish other networking "links;" and getting more people actively involved in STMA at the national and chapter levels.

As a new member joins STMA, he/she will be assigned to a volunteer mentor. The mentor will personally welcome the new member and help to acclimate them into the benefits and privileges of membership. The intent is to help the new member become comfortable with the Association and to encourage them to become involved and active immediately. Each member is a vital part of STMA and of the Sports Turf industry and the Mentoring Program will help get that message across - one to one. This will prove beneficial to the new member, the mentor, STMA, chapters, and the profession. For further details on this program, contact STMA Headquarters or visit the STMA Website: [www.sportsturfmanager.com](http://www.sportsturfmanager.com).



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# How Do You Do...?

## The Question: How Do You prevent Armyworms from destroying your field?

Answered by Chad Follis, Research Assoc., University of Missouri/Columbia

Education and scouting are the best methods to control armyworms in athletic turf. This is due to the sporadic occurrence of armyworms therefore preventative treatments are usually not recommended. There are two types of armyworms, the fall armyworm and the true armyworm. The fall armyworm is a more typical pest to turfgrass. The fall armyworm has a light colored inverted Y marking on the front of the head. This helps to distinguish the pest. Armyworms have one generation in the north to five generations in the south per year. Scouting methods include the soap drench test. This involves adding three

tablespoons of lemon scent dish soap to three gallons of water and pouring the water over a one square yard area. Then after a few minutes the worms will emerge to be counted and identified. If control measures are necessary liquid insecticide applications work best since they leave residues on the grass plant for the insect to feed on.

Some recommended insecticides currently on the market include: Sevin, Mach 2, Conserve SC, and Orthene.

Answered by Dr. Grady Miller, University of Florida

Army worms in our area (bermudagrass) rarely kill a field, they just defoliate it. Bermudagrass will grow new foliage very quickly after you get the armyworms under control. The worms are usually much worse following a drought period.

If you catch the worms before they do much damage then they are pretty easy to "knock back" with an assortment of insecticides (e.g., Diazinon, Orthene, Pinpoint, Talstar, Tempo, Conserve, Scimitar, etc). They usually start on an edge of a field and move across. I have actually counted 50 worms per square foot on a field. The ground would look like it was moving from all the worm activity. The field came back after they were sprayed. There is no preventative treatment that I know of for fields.



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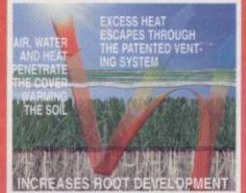
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