

Do YOU Have a Field of the Year?

Are you proud of your field(s)? Are you proud of the way you manage your sports field resources? Would you like to be recognized for your hard work

and commitment to the sports turf industry? Submit your

field for the STMA Field

of the Year. The Field of the Year Awards are given in several different categories, so don't be apprehensive about competing against a NFL or MLB field. Remember, we are judging how well you manage your resources to provide the best field possible.

The Field of the Year has the tendency to motivate sports turf managers to give 120% instead of the daily 110% that we STMs normally give!

George Ortiz, Sports Turf Supervisor, and winner of the 1998 'College Softball Field' writes, "The high

expectations that everyone had for their award winning fields has

motivated myself and

my entire crew to renovate and submit other outstanding fields at UC Davis."

That type of attitude typifies the Sports Turf Manager.

Applications will be accepted through October 15, 1999. Award criteria can be obtained by calling STMA Headquarters. Show your pride and rise to the



Field #1; Town of Lantana (FL), STMA/Beam Clay®/sportsTURF Municipal Diamond of the Year

occasion by submitting your application for the 1999 STMA Field of the Year.

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Miami Dolphins Training Facility, Professional Football Field of the Year



University of California-Davis, College Softball Field of the Year

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President's Message

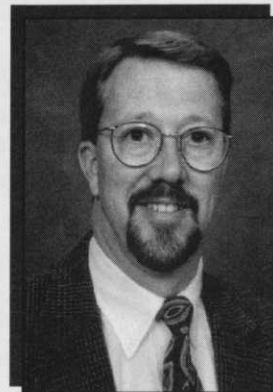
Strategic Planning

by Steve Guise, President

As our organization grows, our Board of Director's roles and goals change dramatically. We've moved beyond that start-up stage and -- thanks to the efforts of many dedicated members, including previous and current Board members -- we've moved past the stage of struggling for survival. STMA now has a solid financial base from which to grow and develop. To insure the continued success of your association and to provide a vehicle that will meet your needs in the long-term, strategic planning for the future of the STMA has become a top priority of the Board. President-Elect Rich Moffitt has been selected to Chair a new Strategic Planning Committee to begin the long-term commitment of laying the tracks that our organization will follow.

This will be a rather long and detailed process, involving frank assessment not only of where we are as an association, but also of where we want to be in the future - and the path we need to follow to get there. We'll also need to develop a system of checks and balances to review our progress and periodically redefine our goals. After research and discussion, the Board feels that it is necessary to identify an individual or firm that has past experience with associations similar to ours yet is not so involved within our industry to focus on the "up close and personal" rather than the big picture. Rich Moffitt and his steering committee are in the process of identifying an outside facilitator that will bring a clear and non-biased review of our Association and be able to help direct us in a process of planning that will lead us into and through the new millennium. This is an exciting time for STMA so stay tuned for more details

Your Board held their quarterly meeting in San Diego on March 12 and 13.



Steve Guise

Part of the meeting focused on the program for the St. Louis Conference to be held January 12 -16, 2000. The Headquarters hotel is the Regal Riverfront Hotel located just across the street from the Gateway Arch and the Mississippi riverfront, with easy access to Busch Stadium, St. Louis Centre and historic Laclede's Landing. If you're planning on attending and are interested in volunteering to "lend a hand," please contact us now.

Spring is a prime time for Chapter Work Shops and Community involvement. Plan ahead to support your local members with educational programs as well as community events. I challenge every chapter this year to select a field with financial problems or understaffing and bring together the "STMA family" of professionals and commercial members to volunteer your time, equipment and expertise for a community project. Send information on dates and times and we will support your efforts by getting the word out. Document your project with photos. It will be fun to share them with participants, it will make a great "how to" record for future chapter projects -- and it could be a possible feature in a future edition of the newsletter or sportsTURF.

Is Soil Compaction Killing Your Field?

Dr. Gil Landry - UGA Turfgrass Specialist

Soil Compaction can be a turf manager's worst nightmare. Under normal field use, player traffic pushes soil particles closer together, reducing pore space and increasing soil density. Most compaction from player use occurs in the top two inches of the soil. Compaction below this depth can be caused by such things as construction traffic, natural or man-made soil layering, and continuous cultivation to one depth.

The lack of pore space decreases the movement of air, water and nutrients and reduces percolation and infiltration. This restrictive soil environment forces turf roots to struggle to fill basic plant needs. The slower plant growth results in reduced turf quality and, for sports fields, less cushioning for players. The reduced root system means less stress tolerance and the turf is more susceptible to weed, disease and insect problems.

Unlike pest problems, nitrogen deficiency, or drought stress, the problem often exists long before the plant shows symptoms. So developing your own diagnosis system can be very helpful. Using something as simple as a soil probe or screwdriver can help determine when compaction is becoming a problem. You must recognize that soil moisture will significantly affect whether a soil feels compacted or not, so do your probing at a consistent soil moisture.

Aeration through coring, shattering, or slicing opens channels in the soil through which air, water and nutrients can move more freely. Water movement into (infiltration) and through (percolation) the soil are improved. Aeration increases pore space, softening hard soils by allowing the soil to move upon impact, an important factor for sports fields.

The degree of soil compaction varies with soil texture and soil moisture when the area is used, and the amount of weight applied. Soils high in silt and clay compact quicker than sandy soils, and wet soils compact faster than dry soils. So field use on wet

soils tends to result in more surface damage and in greater soil compaction than on dry soils.

Today many sports turf managers are becoming more concerned about having good aeration equipment than mowing equipment. Being able to reduce compaction problems can easily result in less water

use, less herbicide use, and better playing conditions because of the presence of a healthy dense turf.

Compare aeration alternatives with how hard the soil is, weather conditions, turf growth cycles, and field use schedules. Normal aeration

continued on page 5

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Your Board at Work

Your Board of Directors met March 12 and 13, 1999, in San Diego, California. Following the review and approval of the minutes from the January 12, 1999, pre-conference Board Meeting, the January 16 Annual Meeting and the January 16 Post Conference Board Meeting, the Financial Report was reviewed. Treasurer Bob Patt noted STMA continues to improve its strong financial condition. A final figure on the Conference was pending, but preliminary figures show income over expense well ahead of the budgeted figure. Membership renewals to date also are ahead of last year at this point. The year 2000 preliminary budget will be submitted and reviewed at the June Board Meeting.

Awards and Scholarships Chair Tim Moore reported he will be including an article on the field of the year awards in each issue of the newsletter. The Board discussed funding and promotion ideas.

The Board moved and approved that the individual appointed to chair the Education Committee automatically be named the Conference Education Chair, the Commercial Vice President automatically becomes the Conference Exhibits Chair, and the person named as the Awards and Scholarship Committee Chair automatically becomes the Chair of the Raffle and Auction Committee. STMA's bylaws state the President-Elect is the designated Conference Committee Chair.

Trusty reported the Certification Committee has worked together by conference call and information exchange and will hold its next meeting in Chicago on April 16 and 17. At this meeting, the committee plans to complete their review of the Certification Competencies and STMA Resource List for presentation to the Board for review and to review and further categorize the test questions in preparation for examination by an independent test review agency.

The Board completed review of the corrections and suggested revisions to the STMA Code of Ethics and approved the version that appears in this newsletter.

Following the presentation on the Evergreen Foundation made by its secretary, Bob Tracinski, at the STMA annual meeting and further discussion of its goals of greenway development, the Board voted to officially support the Evergreen Foundation.

After review and discussion of STMA membership categories, the membership and by laws committees will jointly develop a proposal to be sent to the membership for vote on developing separate categories for teaching, research and extension and for other schools (dividing current Category III) to give both groups representation on the Board.

Rich Moffitt, Chair of the Strategic Planning

Committee, shared key details with the Board of his research into the issue and process of strategic planning for associations such as STMA.



Starting at left around the table: Bob Curry, Bob Patt, Tony Koski, Bob Campbell, Tom Burns, Steve Guise, Rich Moffitt, Lynda Wightman, Tim Moore and Mike Schiller.

This project will proceed with the next steps the establishment of the steering committee, development of a sequential plan and receipt of proposals from potential facilitators.

The Board reviewed attendee and exhibitor evaluations from the 1999 Conference and proceeded with planning of the 2000 Conference.

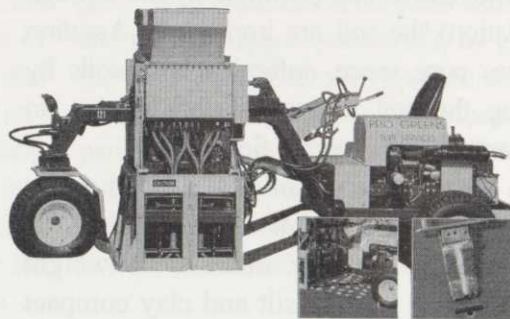
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Is Soil Compaction Killing Your Field?

continued from page 3

penetrates into the top three or four inches of soil. Solid spike/tine aerators punch holes into the soil, creating openings without removing soil. Hollow tines or spoons remove a soil core which is deposited on the soil surface. In most cases, hollow tines or spoons are better. However, solid tine equipment that causes soil lifting and vibrating can be as effective or more effective than hollow tines. Deep aeration extends below the four-inch level and helps improve both surface and deep soil problems.

Ideally, the aeration method selected should reach the depth of compaction, yet cause no more surface disruption than desired. Equipment that brings soil to the surface is the most disruptive, but generally produces longer lasting results. Even when cores are dragged back in, the turf needs time to recover and grass roots need to regenerate and spread deeper into the soil. Because spiking and slicing is less disruptive to turf growth and appearance, it can be used more often than coring.

Best results will be achieved by using different types of cultivation at different times. The more disruptive aeration should be done before major root growth periods such as the spring and fall for cool season grasses, and spring for warm season grasses. Shallow aeration before deep aeration should make the two together more effective.

Proper soil moisture is critical to maximize cultivation effects. Dry soils are hard to penetrate, limiting the effect of the procedure and stressing equipment more. Wet soils may not move enough to achieve satisfactory results. Generally soil moisture

should be at field capacity for most aeration. For vibrating and shattering aerators the soil should be slightly drier. Field capacity is when all excess moisture is gone which is generally 24 hours after a rain or irrigation.

Hot, dry weather and strong winds may dry out the turf bordering aeration holes. Avoid aeration during such conditions or compensate for moisture loss with irrigation.

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How Do You Do...?

The Question -- How Do You Prevent/Counteract Theft and Vandalism on your Fields?

Answered by Abby L. McNeal, Pleasant View Sports Center

We've had several instances of vandalism including: a 4-wheel drive pickup drive out on the field during our initial seeding process, furniture being burned on the field and the ever popular graffiti. We have done several things to cut down on the problems, but haven't come up with a sure-fire way of stopping it. We have recessed lighting at the buildings - all on a timer, the parking lot is fenced to keep people out of there and we have extra concrete ballards to prevent any more vehicles on the field. The graffiti was handled with a good power washing and sealant was then applied to the brick. Unfortunately, we don't have a lot of support from the police. They will patrol after an incident for a couple weeks but that's about it from them. Another problem is that the complex is on a dead end road and despite what we've already done, it remains a good "party spot."

Answered by Dan Douglas, Reading (PA) Phillies

Reading Municipal Memorial Stadium is surrounded by a 10 foot high brick wall which is our first defense against theft and vandalism. Strategic parking lot and other exterior lights are on from dusk to dawn. At least two persons are in charge of making sure all doors and gates are locked during non-business hours. City police also perform routine patrols around the outside of the stadium.

Safeguards are also taken inside the brick wall. Graffiti proof paint is used in highly susceptible areas like restrooms. All tools are put away and locked in sheds or cabinets at the shop. All equipment is stored in the secured shop area. Keys and spark plug wires are removed from any equipment that may have to be kept outside the shop overnight. Also, irrigation controls are kept locked and quick-couplers are hidden so that the rain out scene in the movie, "Bull Durham," can't be recreated.

Our final defense is a security alarm system. All offices, storage areas, and the press box are protected along with team pictures and hall of fame plaques that are displayed in the concourse. The alarm system is tied directly to the police and only full time staff members have the access code. The

combination of the alarm system, lighting and keeping potential targets under lock and key has kept crime to a minimum in Reading.

Answered by Steve Gies, Ashland (OR) Parks & Rec.

Theft and vandalism are not significant problems in our area, but they do occur and seem to run in streaks. Our operational procedures include several things which I believe help to discourage vandalism.

When designing facilities, we try to use the best possible design and materials so that they are more resistant to vandalism or can be repaired more easily when damaged. If vandalism should occur, we repair any damage as quickly as possible. This may range from sodding damaged turf to painting a wall or replacing equipment if needed. We have found that if a problem isn't corrected quickly, more vandalism is apt to occur. When preparing our annual budget, we build in an estimated amount to cover repairs due to vandalism. All our concession and restroom facilities can be locked at night. And, fortunately, we have park patrol officers who routinely patrol facilities and place extra emphasis on "hot spots" for vandalism when needed.

Although not specifically related to maintenance, I believe that one of the most effective practices we have is to actively work to instill a pride of ownership in community groups who use the fields. The various teams and leagues that use our fields take pride in the quality of "their" fields, help keep them in good shape and, through peer interaction, see that others do too. It's a win/win atmosphere for everyone.

Do you have a specific question or problem that you'd like to see covered in this column? We're always open to suggestions. Send your suggestions to: Stephanie Watts, Newsletter Editor, STMA Headquarters, 1375 Rolling Hills Loop, Council Bluffs, IA 51503; fax them to (800) 366-0391; or e-mail them to SportsTMgr@aol.com.

Welcome New STMA Members

Jim Anthony
Saint Louis University
St. Louis, MO

the beals group, inc.
William J. Beals, III
San Jose, CA

Walter Blevins
Justin Siena High School
Napa, CA

Dennis B. Byrd
City of Salem Parks & Rec.
Salem, VA

Jeff Chalfant
UNLV
Las Vegas, NV

Ramon Diaz
Windsor Unified School Dist.
Santa Rosa, CA

Brent Emerick
Indiana University
Bloomington, IN

Ferris Industries
Beverly Munz
Munnsville, NY

Michael N. Hadvab
City of New Britain
Kensington, CT

Mark Hildebrand
Salt Lake City Facility Svcs.
Salt Lake City, UT

Dwayne James
Millennium Turf & Ag.
Albuquerque, NM

Dale Kelty
Farison Sports Turf
Louisville, KY

Sergio Lopez
El Paso Diablos Baseball
El Paso, TX

Edward McIntyre
Lee County Parks & Rec.
Fort Myers, FL

Momentum Media Sports Pub.
Mark Goldberg
Ithaca, NY

Oil-Dri Corporation
Tom Rutherford
Chicago, IL

Richard Purcell
Tempe Union H.S. Dist.
Tempe, AZ

Edmund Rohland
Vineland, NJ

Steven Michael Skopik
Student/Elk's Country Club
Bourbonnais, IL

Gonzo Barajas
Ball State University
Muncie, IN

Bob Becker
Harper Creek Comm. Schools
Battle Creek, MI

Aaron Boggs
University of Louisville
Louisville, KY

California Lightweight Pumice
Kimberlie Teel
San Clemente, CA

Brian Cummings
Student
Strausburg, CO

Bruce Dickens
Basin Recreation
Park City, UT

Steve Erickson
Schaumburg Flyers
Schaumburg, IL

Philip Gallagher
ISS Landscape Mgmt. Services
W. Palm Beach, FL

Robert Hansen
New York Jets
Hempstead, NY

John K. Hubbs
Capital Soccer Club
Columbia, MO

The JDL Company
Jack Doyle
Montgomeryville, PA

Terry Kippley
Oil-Dri Corporation
Chicago, IL

Norval Lunan
Premier Turf
Morris, CT

Elliott R. McKinley
Springfield Park Dist.
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John Mott
Ohio State University
Columbus, OH

Kevin H. Parnell
City of High Point
High Point, NC

Chris Ralston
Centennial High School
Peoria, AZ

Arthur D. Rose, Jr.
Sodexo-Marriott Services
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James L. Smith
Academy School Dist. #20
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Brent P. Barnum
Student
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Boone, IA

Scott C. Brewer
Statesboro-Bulloch Co. Parks & Rec.
Statesboro, GA

Campbell Sod
Art Campbell
Rossville, KS

Bryan L. Davis
City of Des Moines
Des Moines, IA

Eckroat Seed Company
Don Eckroat
Oklahoma City, OK

Keith Estey
The Wheeler School
Seekonk, MA

Steven Gonzales
Tempe Union High School Dist.
Tempe, AZ

Perry Harris
UNLV
Las Vegas, NV

Kevin Husemann
City of Redmond
Seattle, WA

Tracey Jones
Radrick Farms Golf Course
Ann Arbor, MI

Eric Kleypas
Student/Auburn University
Auburn, AL

Cathy Maupin
Ohio State University
Columbus, OH

Jose Milan
Novartis
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John Newell
Waukegan Park Dist.
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Per. Ryegrass Bargaining Assoc.
Jim Carnes
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Steve "Tex" Byars
Northern Arizona University
Flagstaff, AZ

Mike Chandler
City of Terrell
Terrell, TX

Mark Degeest
Grand Rapids Parks & Rec.
Grand Rapids, MI

Rick Ely
Christ Covenant Church
Matthews, NC

Keith Evans
Lebanon Valley College
Annville, PA

Green Valley Turf
J. R. Wilkins
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Gallaudet University
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Lebanon Turf Products
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Radrick Farms Golf Course
Ann Arbor, MI

Tommy Mittlesteadt
Outback Sports
Memphis, TN

Northern Nurseries, Inc.
Frank Welch
Enfield, CT

Marjorie Poirier
Brandeis University
Waltham, MA

Steve Rogers
City of Terrell
Terrell, TX

Ryan Jason Seidenberger
Student/Texas A & M
Bryan, TX

Southwest Trees & Turf
Helen M. Stone
Las Vegas, NV

New member listings continue on page 15



Chapter Events

Florida Chapter #1: STMA

The Florida Chapter is planning an April 20th meeting at Palm Beach Gardens with the focus on construction.

For information on the Florida Chapter or pending activities, contact: John Mascaro at (954) 341-3115.

Wisconsin Sports Turf Managers Association

The Wisconsin Chapter will hold its Spring Meeting, a Ball Field Maintenance Seminar with Floyd Perry, on April 22 in Wausau.

The Chapter will participate in the Wisconsin Turfgrass Association's Summer Field Day at the O. J. Noer Facility on August 10th.

For more information on these meetings, the Wisconsin Chapter or other pending events, contact: Rich Riggs, R. H. Rettler & Associates, Inc. at (715) 341-2633.

Southern California Chapter:STMA

The So-Cal Chapter will be hosting their "Season Opener" event on April 24th, beginning at 2:00 PM at San Diego's Qualcomm Park. There will be a stadium tour, tailgate party and admission to the San Diego Padres game.

For information on the Southern California Chapter or pending activities, contact: The Chapter Hotline: (1-888) 578-STMA (toll free in Southern California).

The Colorado Sports Turf Managers Association

The Colorado Chapter will hold a baseball seminar on May 4th at the Auraria Higher Education Center's Metropolitan State College baseball field - the STMA/Beam Clay®/sportsTURF 1998 College Baseball Diamond of the Year.

Three more educational seminars are being planned, one each in June, July and September. CSTMA's Annual Golf Tournament, the "Lawnmower Man Open," will be held in late July with an afternoon shotgun start.

For information on the Colorado Chapter or any of these upcoming activities, call the NEW CSTMA Chapter Hotline: (303) 346-8954.

The Iowa Sports Turf Managers Association

On May 5, ISTMA will hold a day-long workshop at St. Albert High School in Council Bluffs. Registration opens at 9:00 AM and sessions begin at 9:30 AM. The morning will be devoted to baseball and softball with the emphasis on "the dirt." Following the lunch provided on site, the afternoon sessions will focus on football and soccer with the emphasis on the turf.

On Saturday, June 5th, ISTMA will meet from 1:00 PM to 4:30 PM at Little Sioux High School in Hawarden. The program will include baseball infield repair and maintenance; building a mound; aeration, topdressing

and fertilization programs; and equipment.

A Seminar on Wheels Tour will be held in the Ames area on June 23rd. Sites on the tour include Iowa State University, Ames Youth Complex, Reiman Gardens, and Ames High School.

For information on the Iowa Chapter or upcoming activities, contact: Lori Westrum at The Turf Office at (515) 232-8222 (phone) or (515) 232-8228 (fax).

The North Texas Sports Turf Managers Association

The Chapter is planning a Field Day/Golf Outing for May 20th in Flower Mound, Texas. More details will be announced soon.

For information on this event, the North Texas Chapter or other pending activities, contact: Rene Aspiron, Diamond Pro, at (800) 228-2987 or Tom Welch, CSM, Central Garden and Pet, at (800) 788-9581.

The Mid-Atlantic Field Managers Organization (MAFMO Chapter STMA)

The MAFMO Chapter will hold a "Back to Basics" Field Day from 9:00 AM to 2:30 PM on May 5th at Blair High School in Silver Spring, Maryland. That evening, the chapter will hold a Dinner Meeting beginning at 6:00 PM at Fred & Harry's.

For information on the MAFMO Chapter or pending activities, contact the Hotline: (410) 290-5652.

The Northern California Chapter of the Sports Turf Managers Association

The Northern California Chapter has elected their 1999 Board. President is Dennis Suit, San Jose State University; President Elect is Dave Patterson, Sierra Pacific Turf Supply; Vice President is James Moore, Robert A. Bothman, Inc.; Secretary is Steve Abella, Delta Bluegrass Company; and Treasurer is Sal Genito, University of California - Davis. The Chapter has also appointed Janet Gift administrative assistant.

A May Seminar on Wheels tour is being planned. It will include site visits to the Oakland Raiders Training Camp, UC-Berkeley, and Piedmont High School.

continued on page 11

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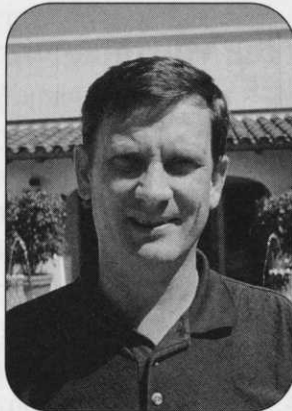


Meet Your New Board Member

Dr. Tony Koski, Associate Professor of Turfgrass Management at Colorado State University is your newly elected Board Member, Category III. Tony has been involved with turfgrass teaching, research and extension since 1980, when he began working on his M.S. degree at the Ohio State University. After finishing his Ph.D. in 1987, he became assistant professor at the Colorado State University, where he currently advises approximately 80 undergraduate students, teaches a turfgrass management class, and provides extension education for all facets of the Rocky Mountain turfgrass industry. Tony has been a member of STMA since 1990. He is currently a member of the STMA Certification Committee, has been a Board Member of the Rocky Mountain Regional Turfgrass Association since 1988 and serves on the boards of numerous other state and national associations. Tony is an Honorary Member of the Colorado Chapter: STMA and lists his hobbies as: "whatever my three boys do, gardening and golf."

Why did you decide to become a member of the STMA?

As an educator, I obviously believe that education is of paramount importance to the formation and continued development of the sports turf manager. This includes study in the formal classroom setting, but also through internships, workshops and conference attendance, and everyday work experiences. The STMA should be the vehicle by which those learning/work opportunities are made known to educators and their students.



What do you feel are major issues facing the sports turf industry today?

I believe that a major issue facing the industry today is recognition of the important role that the sports turf manager plays in the production and management of safe playing surfaces. We recognize the importance among ourselves, but administrators, coaches, players and fans often do not.

What would you do to resolve some of these issues?

The successful development and implementation of the Certification Program will help others to understand the knowledge and expertise levels required to produce a high-quality sports field.

Do you have any words of wisdom for your peers in the STMA?

I would encourage all members to CONTINUE the learning process once they have left the formal classroom setting. Attend as many meetings at the national and chapter levels, as well as other turf conferences and field days. One of the best ways to increase the level of professionalism in sports turf management is to encourage and educate your peers in the industry.

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Doc's Dugout - An Inning from our Past & Present

by Dr. Kent Kurtz, STMA Historian

Remember the Worthington

For those of you who were involved in the management of sports turf from the 1950s, '60s or '70s, you may remember the tractor-drawn mowers that were used to mow large turfgrass areas such as golf courses, parks, and sports fields. Several companies sold these mowers but basically there were two major manufacturers with two basic colors available - the red Toro units and the orange Worthington gang mowers that were pulled by tractors. Toro, Worthington and Jacobsen manufactured tractors specially designed to pull these multi-unit mowers because these companies had their early roots in developing engines and tractors.

People have a passion for early equipment because it brings individuals together to reminisce about the past and leads to some very interesting discussion and a bonding between both young and old. Now let's

look at the name Worthington - ironically, that was my mother's maiden name and my middle name, and for that reason I did some research into the name.

Worthington was the backbone of the turfgrass industry in the early 20th Century because of their development of the Worthington fairway gang mowers. The fairway gang mower was invented in 1910 by Charles C. Worthington who came to Shawnee, Pennsylvania, on the Delaware River, around 1904, and purchased 10,000 acres of land, half of it on the New Jersey side of the river and half on the Pennsylvania side, where he built his home. Included in his purchase were two large islands. On the upper island he built a 9-hole golf course for his personal use. The fairways were mowed with a 30" mower drawn by a horse with leather boots on its hoofs to protect the grass. The

continued on page 13

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Chapter Events

continued from page 8

For information on the Nor-Cal STMA Chapter or pending activities, contact: Janet Gift at 530/758-4200.

Keystone Athletic Field Managers Organization (KAFMO Chapter STMA)

KAFMO will hold a Grounds Seminar at Hershey Stadium on Saturday, June 19th, while the family heads to Hershey Park (to be joined later by seminar attendees). Morning educational sessions for sports turf managers include presentations by Bob Hummer of Hummer Turfgrass Systems, John Tshudy, Director of Buildings and Grounds for Hershey Park, and Steve LeGros, Superintendent of Hershey Stadium. To help make this a family day, the chapter has put together a package that includes full day reduced admission to Hershey Park and admission to the Hershey Wildcats Soccer game.

For information on the KAFMO Chapter STMA or upcoming events, contact: Dan Douglas, Reading Phillies Baseball Club, at (610) 375-8469, extension 212.

Tennessee Valley Sports Turf Managers Association

TVSTMA will hold a Workshop on June 23 at the University of Tennessee. For information on this event contact Bob Campbell at 423/974-2977 or the contacts listed below.

For information on the Chapter or upcoming events, contact: Tom McAfee, Nashville Sounds, at 615/242-4371 or Bill Marbet, Southern Athletic Fields, Inc., at 931/380-0023.

The Mid-South Chapter STMA

A joint meeting between the Mid-South Chapter and the new TVSTMA Chapter is in the planning stages for this spring with a mid-state location and the date yet to be announced.

For information on the Mid-South Chapter or upcoming events, contact: Jim Calhoun at (901) 755-1305 or Robert Bodi at (901) 383-2414.

The Great Lakes Sports Turf Managers Association (GLSTMA)

GLSTMA has two events in the planning stages: one Workshop tentatively planned with the Cleveland Browns with the date yet to be determined; the other an Athletic Field Day and Workshop at Ohio State University on July 7th.

For information on the GLSTMA Chapter or upcoming events, contact: Joe Zelinko at (800) 897-9714 or Boyd Montgomery at (419) 885-1982 or the chapter website <http://members.tripod.com/~glstma>.

Indiana Chapter: STMA

The Chapter has appointed program, membership, finance and public relations committees. Plans are progressing for three meetings with details to be announced soon.

For information on the Indiana Chapter or pending activities, contact: Terry Updike, B & B Fertilizer, at (219) 356-8424 or Pat Hickner at (800) 672-4273.

The Michigan Sports Turf Managers Association

For information on the Chapter or pending events, contact: Rick Jurries, West Ottawa Public Schools, at (616) 395-2364.

Minnesota Chapter:STMA

For information on the Minnesota Chapter or upcoming events, contact: Connie Rudolph at (651) 646-1679.

Midwest Chapter: STMA

For information on the Midwest Chapter or pending activities, call: The Chapter Hotline (847) 622-3517.

Chapters On The Grow

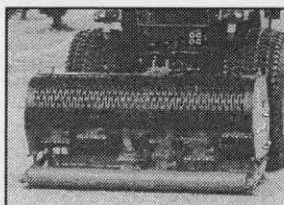
A new Chapter is taking shape in the **Kansas City Missouri - Kansas** area. For more information contact: Trevor Vance at 816/504-4271; John Cundiff at 816/525-7600; Bill Tritt at 816/941-4424; Jody Gill at 913/681-4121; Gary Custis at 816/468-6215; or Jay Sutton at 816/795-8873.

Arizona - For information on upcoming events, contact: Bill Murphy, City of Scottsdale Parks & Recreation Department, at (602) 312-7954, or Kris Kircher, City of Chandler Parks & Recreation Department at (602) 786-2728.

Nevada - For information on the forming Nevada Chapter of STMA or upcoming events, contact: Ibsen Dow at (702) 649-1551 or Alan Paulson, Clark County School District, at (702) 799-8724.

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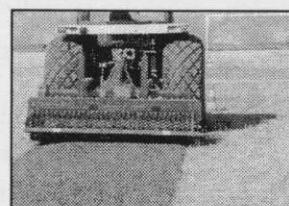
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CODE OF ETHICS

In order to build confidence and respect within the Sports Turf Managers Association (STMA) between members and non-members alike and to be recognized as a professional organization, a code of ethics is not only necessary, but the observance of its provisions is essential.

Every member of STMA shall take pride in his/her work, derive satisfaction and a sense of accomplishment in a job well done, and regard sports turf management as a profession in which all members strive to maintain its good name.

The most valuable asset an STMA member can have is a thorough understanding and up-to-date knowledge of the sports turf management business. Members shall constantly strive to improve their knowledge and effectiveness by freely sharing and exchanging information, experiences and ideas with fellow members and by availing themselves of all opportunities for improvement. STMA members shall strive to maintain cordial and courteous relationships with employers, employees, peers and associates and to assure that all employees adhere to established standards and policies and take pride in the work they perform. In order for STMA members to accomplish their goals and to uphold the best interests of the Association, observance of the following Code of Ethics is highly recommended and strongly encouraged.

As a member of the Sports Turf Managers Association, I accept and fully agree to abide by this Code of Ethics and pledge myself to:

1. Participate in Association activities and my daily sports turf job-related duties in a manner that brings credit to the Association and profession.
2. Observe and exercise sound turf management and athletic field principles and practices during the performance of my job.
3. Strive to maintain the highest standards of personal conduct to credibly reflect upon, and to increase the stature of, the sports turf management profession.
4. Assist my fellow sports turf managers in all ways consistent with my abilities, only when called upon to do so, and with my supervisor's knowledge, participation and acceptance.
5. Abstain from the debasement of or encroachment upon the professional reputation, practice or employment of another sports turf manager.

6. Honor all requests for technical assistance from sports turf facilities only when channeled through the sports turf manager of the facility making the request.

7. Base endorsements of products, equipment or procedures strictly upon satisfactory personal experience with the specific item or procedure.

8. Refrain from representing myself as a spokesperson for STMA in product endorsement or similar activities without the consent of the Board of Directors.

9. Support the STMA commercial affiliates and assist them in maintaining product integrity.

10. Uphold the integrity and dignity of the Sports Turf Managers Association in all internal and external activities and relationships, including the use of pictures and information in any form of print or broadcast media or product endorsement.

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Doc's Dugout

continued from page 10

mowing unit was imported from Ransomes, Sims & Jeffries, Ltd., Ipswich, England, where the fairway unit was born many years earlier. Worthington decided that a horse could pull a greater load so he imported two more mowing units and designed the first three-gang mower. The gang mower frames were constructed of 4" x 4" oak beams and all the necessary unit posts were hand-made by a local blacksmith.

For several years, visitors to Worthington's estate saw the advantages of the three-gang mower and many of his friends asked him to build a set for them. Based on the demand for his mowers by friends, he realized that there was a market for his three-gang mowers. Holding the patent rights for the gang mower, he formed the Shawnee Mower Company in 1912 and started production in 1913. A few years later, he designed the five-gang quintuplex drawn by two horses. In 1919, Mr. Worthington designed and built a tractor to pull the gang units and that was the end of "horse-power" as turfgrass

maintenance equipment. In 1929, Worthington built the Worthington Mower Company plant in Stroudsburg, PA. The Shawnee Mower Company was dissolved and moved to the Stroudsburg plant in the early 1930's. By 1945, the Worthington Mower Company was producing tractor-drawn gang mowers which could be purchased in groups of 3, 5, 7 or 9 units. They also specialized in golf course and sports turf tractors to pull the gang mowers. The Jacobsen Manufacturing Company acquired the Worthington Mower Company in 1945, and production of these units continued in Stroudsburg until 1961, when the entire operation was moved to the Jacobsen facilities in Racine, Wisconsin. The familiar orange color of Jacobsen and Worthington mowing equipment can be seen today in the Textron (Jacobsen) line of equipment. Gang mowers have shown continued improvement over the years with some of the units a combined tractor and mower in one unit. That's Progress!

STM

Members on the Move


Matt Mattes, former student member, has taken the job of Head Groundskeeper with the Columbus (GA) Redstixx. Matt's new phone number is 706/324-5260.

Jeff Limburg, former student member and 1998 STMA Scholarship recipient, is now Head Groundskeeper with the Columbus (OH) Clippers. Jeff can be reached at 614/462-5250.

Raechal Sager, former student member and 1997 STMA Scholarship recipient, is the new Head Groundskeeper for the West Michigan Whitecaps. You can contact Raechal at 616/784-4131.


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Headquarters Report

by Steve Trusty, Executive Director

Spring -- always a busy time for you - also is a busy time for your Headquarters Staff. The 1999 edition of the Compendium is nearing completion. The 1999 Roster will be in process by the time you receive this newsletter. If you haven't renewed your membership, you may have missed out on being listed this year. March 31st is the cutoff to assure being included. Depending on where we are in the production process, we may be able to include renewals received shortly after that date. Once the proofs are ready, we are unable to make additions. If your intention was to renew, but for some reason you haven't done so as yet, ACT NOW.

Your Certification Committee will be meeting again on April 16th and 17th. It is their intent at this meeting to finalize the STMA Resource List and the Certification Competencies. The committee also will be finalizing the test questions. Once those projects are completed, the tests will be reviewed by an outside agency for clarity, accuracy and fair coverage of the competencies. It is the goal and charge of your Certification Committee to be ready to accept applications some time this summer.

Your Board met on March 12th and 13th and worked hard on a number of items, including next year's conference and a strategic plan. It is great working with a board that is looking ahead and is willing to put in the extra effort to assure an even stronger organization for the future. The next Board Meeting is scheduled for June 18 - 19. As always, contact any of your Board Members or Headquarters with any suggestions or concerns you have about YOUR Association.

Have you ever wondered how


sports fields are maintained in China or considered sharing your expertise with a sports turf manager there? As requested by the VP of the China Sports Science Society, the China Workers' Center for International Exchange has contacted STMA Headquarters to inquire if STMA would like to sponsor a study tour to China. The purpose of the proposed visit is to establish close professional links with our Chinese professional counterparts, sharing each other's work and educational experiences, and to build a long-term professional cooperation at a personal level. Participants would visit three or four Chinese cities within a 12-14 day period. Such a trip would require a mini-

mum of 10 people. Each participant would be responsible for their own expenses (approximately \$3,895 to \$4,290) which could be paid individually, by the facility or sponsored by someone. If there was enough interest, the trip could be tied in with a tour of the China & Hong Kong Golf Exhibition & Conference which is to be held September 5 -7 in Guangzhou.

If you have interest in such a trip, or know of someone who might be interested, contact STMA Headquarters for more information.

Until next issue, may your challenges be no greater than you can handle.






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Employment Opportunities

The **San Francisco Giants** are looking for a Head Groundskeeper for their new ballpark. Send resume to: San Francisco Giants, 3 Com Park, San Francisco, CA 94124, attn: Stadium Operations.

The **Columbus Crew** Soccer team is seeking a Head Grounds Manager. Resumes can be sent to: Mark McCullers, Columbus Crew, 77 E. Nationwide Blvd., Columbus, OH 43215.

The **City of Colleyville** has openings for an Irrigation Specialist and a Sports Turf Technician. Send resume to: Mickey Landry, Park Maintenance Supervisor, PO Box 185, Colleyville, TX 76034.

The **Sylvania Recreation Corporation** has positions open for: Part-time Seasonal Maintenance Crew. Send resume or application to: Sylvania Recreation, Boyd Montgomery, 8801 Sylvania Metamora Rd., Sylvania, OH 43560.

The **Cocoa Expo Sports Center** has a position open for a Grounds Superintendent. Send resume and references to: Director of Athletics, Cocoa Expo Sports Center, 500 Friday Rd., Cocoa, FL 32926.

The **Iowa Cubs** have an Assistant Groundskeeper Internship Position open. Send resume to the Iowa Cubs, 350 SW 1st St., Des Moines, IA 50309, or phone Luke Yoder at (515) 243-6111.

Ballpark Services, LLC is currently hiring Entry Level Sports Turf Managers for several facilities throughout the U.S. For information, contact: Murray Cook at (301) 805-7785; e-mail him at: murraycooksturf@worldnet.att.net; or page him at (800) 778-8073.

The **Nashville Sounds** are looking for an Assistant Groundskeeper and Intern positions for the 1999 season. For more information contact: Tom McAfee, Head Groundskeeper at (615) 242-4371 or fax resume to (615) 256-5684.

The **Fox Valley Park District (Aurora, IL)**, is looking for a Ball Diamond Maintenance Supervisor. For more information, contact Paul Heinkel, Director of Recreation, at (630) 897-0516.

For more information on these listings - call the Jobs Hotline at (712) 366-1145 or STMA Headquarters at (800) 323-3875.

Welcome New STMA Members

Continued from page 7

Shawn Teske
Georgia Tech Athletic Assoc.
Atlanta, GA

Fred Treat
UNLV
Las Vegas, NV

U.S. Athletic Fields
James Gilligan
Skillman, NJ

Duane Wallace
Highlands Ranch Metro Dist.
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Poratha Wilson
Student/Seven Hills School
Cincinnati, OH

Steven G. Torske
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Lincoln, NE

W. Grant Trenbeath
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Michael Wagner
Univ. of Oregon Athletics
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