

## San Antonio Optional Events - Big - Huge!

By Mike Trigg, CSFM

The STMA 2003 Conference is just around the corner and final preparations are being made on the conference program. I am excited to report that the Seminar on Wheels Tours and Optional Event are jam packed, and will offer tremendous opportunity for numerous sport site visits, as well as networking with other sport turf managers.

**Here is the tentative schedule:**

**Wednesday, January 15, 2003 - Seminar on Wheels Tours**

• **Southwest Texas University, San Marcos TX.**

Home of the Southwest Texas Bobcats w/student body 23,000.

*Steven Nunez, Supervisor of Sports Field Maintenance Facilities.*

Tour will include SWT Baseball/Softball Complex (teams



**Southwest Texas University - first stop of the Wednesday, January 15, Seminar on Wheels Tour**

compete in Division I). Also, Bobcat Football Stadium, under conversion in 2002 from natural to artificial turf. Steven will report on the conversion and reuse of soil materials removed from the stadium and utilized on the campus, and also on the other recreational sports fields on campus for which he is responsible. We will then drive across campus to view 2 sand based soccer fields.

• **University of Texas, Austin TX**

*Brook Whitaker, Facilities Manager and Jeff Wakefield, Turf Manager,* will begin tours at the Texas Memorial Stadium and view the newly installed fertigation system and then proceed to the Mike E. Myers Track & Soccer Stadium. Our final stop



**Home of the Round Rock Express**

at the university is to the football practice field and the newly installed practice field bubble.

• **Round Rock TX**

Home of Round Rock Express, Double AA, Affiliate of the Houston Astros.

*Dennis Klein, Head Groundskeeper,* will conduct a tour of the three-year old facility, which is the 2001 STMA Professional Baseball Diamond of the Year Award recipient. Lunch will be served in the Texas Room of the clubhouse.

• **Texas Lutheran University at Soquin TX**

*Cody Farr, Sports Turf Manager.*

Tour will include the softball and baseball fields and football practice field. Cody will report on his one-man sports turf maintenance practices and innovative field improvements.

*continued on page 6*

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## President's Message

### Fall is Big for STMA

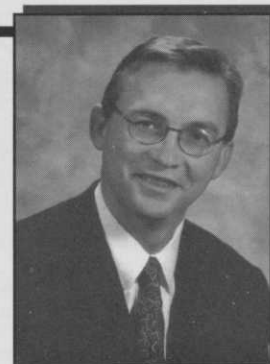
by Murray Cook

Fall is big for STMA. Fall sports are taking the field all across the country - with college and professional football fields starring on the TV screen - and the count down to the World Series keeping professional baseball front and center.

On the international front, this September, professional baseball finally settled the strike issue between owners and players. This was good news. But, at the same time, the IOC (International Olympic Committee) put baseball and softball on the chopping block for the 2008 Olympics. Industry baseball leaders from all national federations including MLB (Major League Baseball) and the Players Association met in Switzerland to discuss a strategy to present to the next council meeting in Mexico in November. All looks positive that a positive case will be submitted at the meeting that proves baseball and softball should stay as Olympic sports. The entire development of removing these sports would have a rippling effect on everyone involved in maintaining softball and baseball fields around the world.

The STMA 14th Annual Conference & Exhibition - Big as the Heart of Texas - is fast approaching. The great folks of Texas have been working with the Conference Committee to help make this event bigger and better than ever! The dates are January 15 - 19, 2003, and the location is San Antonio. Make your plans now! EVERYONE will be there!

The STMA Chapters have been busy! Fall events to date have been a huge success - and more are coming up. Check out the schedule included in this issue - and the STMA website: [www.sportsturfmanager.com](http://www.sportsturfmanager.com) for last minute details. Most of our Chapters also are working with their state or regional Turfgrass Foundation or Council on the development of either a sports turf specific day or a sports turf specific "track" at the



Murray Cook

State Conferences. Joining in these events is another great way to take a step in your own professional development - and to take your place among other green industry professionals.

Mark your calendar for October 15. That's the deadline to get your entry packet for Field of the Year honors wrapped up and headed to STMA Headquarters. For all you students, that's also the postmark date for sending in all scholarship application materials for the SAFE Scholarship Program. If you have questions about either of these programs, please call or email STMA Headquarters.

The STMA mentoring program for the professional member is wrapping up its first year and is looking for partners to join in as mentors for next year. The commercial member mentoring program gets its start the first week of October. As of this writing, there were still a few openings for commercial mentors. Please contact STMA Headquarters if you are interested in serving as a mentor.

We are definitely reaching out to more and more people around the world through our organization. It's an exciting industry to be a part of. Although the economy has taken a bit of a downhill turn the sports turf industry market has continued to progress.

Thanks again,

(You can contact Murray via email at:  
[murrayc@brickmangroup.com](mailto:murrayc@brickmangroup.com))

# Fertilization of High-Traffic Bermudagrass Athletic Fields

Grady L. Miller, Ph.D., University of Florida

**F**ertilization is one way to promote rapid recovery of worn turf areas. Nitrogen (N) is the key element for turfgrass growth. Nitrogen promotes rapid recovery of wear damaged turfgrass plants, but excessive N levels within the turf result in soft, succulent turf more prone to tearing. High N also favors shoot growth at the expense of root growth.

The amount of N you should apply also depends on the soil type and on weather conditions. In Florida, it is not unusual to use 7 to 10 pounds of N per 1000 square feet annually on native soil bermudagrass, depending on location in Florida and overseeding. This is due to Florida's sandy soils and long growing season. In more northern areas that have heavier soils (more silt and clay) and a shorter growing season, field managers should use appreciably less fertilizer. Regardless of location, the maximum N rate per application should not exceed 1 pound of N per 1000 square feet. The most effective way to promote recovery of worn turf areas is to use fertilizers with quick-release N sources. Apply them at low rates (0.25 to 0.5 pounds N per 1000 square feet) every 2 to 4 weeks during the most active period of growth. If you have areas of extremely high wear (e.g., between the hash marks, goal mouths, just outside base paths), treat these areas separately. Spot treating worn areas also does not put as great a strain on your fertilizer budget.

Apply fertilizer containing other nutrients based on soil tests. Do not apply phosphorous fertilizer if it is not suggested by the soil tests recommendations since phosphorus levels are often sufficient in soils. Potassium (K) may be applied at rates up to those used for N, even though lower rates are often adequate. Potassium probably increases traffic tolerance indirectly by increasing turfgrass tolerance to physiological stresses caused by the environment, such as drought.

Bermudagrass football and soccer fields receive heavy use in the late fall and early spring, when turf growth is minimal. To encourage turf recuperation during these periods, fertilize worn areas a little later in the fall and a little earlier in the spring than less-trafficked areas. Remember to use lower rates since the turf is not as efficient at utilizing the applied nutrients.

## Calculating Fertilizer Nutrient Application Rates

The "formula" listed on the fertilizer bags give the percentage of the major nutrients contained in that bag. For example, in the bag of 19-26-5 starter fertilizer, 19 percent of the weight of the fertilizer is nitrogen (N); 26 percent of the weight of the fertilizer is phosphorous (P); and 5 percent of the weight of the fertilizer is potassium (K) (or compounds containing these nutrients)

To determine the actual amount of each nutrient in the bag of fertilizer, multiply the weight of the bag by the percentage of that nutrient in decimal form.

To determine the actual nitrogen content in a 100 pound bag of 19-26-5 starter fertilizer:

100 (pounds) x .19 (percentage of Nitrogen) = 19 actual pounds of Nitrogen\*

To determine how many pounds of a specific fertilizer are required to reach a specific amount of one nutrient, divide the percentage of that nutrient (in decimal form) as contained in the bag into the desired number of pounds of that nutrient.

For example, in the 19-26-5 starter fertilizer, to determine how much fertilizer is needed to reach a desired rate of 1 pound of Nitrogen: 1 divided by .19 = 5.26 pounds.

Therefore, 5.26 pounds of fertilizer must be applied to the designated area (in this case 1,000 square feet) to supply 1 pound of Nitrogen.

\* When nutrients are present in compounds, the % of actual nutrient within the compound must be calculated.

If the bermudagrass field is overseeded with a cool-season grass such as annual or perennial ryegrass, apply 0.2 to 0.3 pounds N per 1000 square feet

every 2 to 3 weeks to maintain density and color. Cool-season grass such as the ryegrasses do not need as much fertilizer during their growing season as *continued on page 5*

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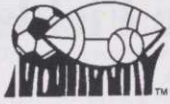
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## Chapter Events



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

TVSTMA will hold an Executive Committee and Committee Chair planning meeting on October 8 at Adelphia Coliseum in Nashville. The Chapter's Annual Planning and Election Meeting will be held November 12 at Vanderbilt University.

For information on the TVSTMA Chapter, or upcoming events, call Bill Marbet, Southern Athletic Fields, Inc., at 931-380-0023 or 800-837-8062 or visit the chapter's website: [www.tvstma.org](http://www.tvstma.org).

### The Greater LA Basin Chapter of the Sports Turf Managers Association:

The Chapter will have a booth at the Turfgrass and Landscape Expo (SCTC) Fairplex in Pomona on October 9 and 10. In the planning stages is a November Field Day at Edison International. The date and time to be announced soon. The Chapter's general meeting and elections will take place at 3:30 PM on November 14 at Mt. San Antonio College in Walnut, CA. Bruce Kidd of Dow Agro Sciences will give a presentation on weed control strategies in turf. The Chapter also will have a booth at the Turfgrass and Landscape Institute (SCTC) to be held on December 11 at Buena Park.

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

### Wisconsin Sports Turf Managers Association:

The Chapter will participate in the Golf Fundraiser for the Turf Research Fellowship to be held October 10 at the Meadow Valleys Course at Blackwolf Run.

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

### MO-KAN Sports Turf Managers Association:

The MO-Kan Chapter will hold a Sports Facility Tour On Wheels on October 16. Tour sites will be announced soon. Each stop will include a walking tour and a description of the maintenance practices of the facility.

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's Fall Workshop will be held in Woodbury on October 17. More details will be announced soon.

The Minnesota Turf & Grounds Foundation announces two opportunities for Pesticide Recertification, Categories A & E: October 15 at the Minnesota Valley Country Club in Bloomington and November 5 at Madden's Resort Town Hall Convention Center in Brainerd. For information on the recertification programs visit the website: [www.mtgif.org](http://www.mtgif.org) or call 612-625-9234.

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).

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

The KAFMO Cup Golf Tournament will be held on October 21 at Fairview Golf Course in Lebanon, PA. Start time is 12:30 pm. This is the main fundraiser for the KAFMO scholarship fund. The scramble tournament is open to anyone who wants to enjoy a round golf, a great meal, and super day of networking. For more information on the tournament contact Steve LeGros at 717-534-3167 or e-mail to [KAFMO@aol.com](mailto:KAFMO@aol.com).

For information on the KAFMO/STMA Chapter or upcoming events, contact Dan Douglas, Reading Phillies Baseball Club, at 610-375-8469, ext. 212; or e-mail to: [kafmo@aol.com](mailto:kafmo@aol.com).

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**Greenview, Inc.**  
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Houston Astros  
Houston, TX

**Kevin K. Lopes**  
Kamehameha Schools  
Honolulu, HI

**Valerie Mechelle**  
College of DuPage  
Glen Ellyn, IL

**Cory Niehaus**  
John Deere  
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**Craig Nathaniel Stockhaus**  
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**Scott Whitmeyer**  
Ephrata War Memorial Assoc.  
Ephrata, PA

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Mississippi State University  
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**Jerry Lyons**  
John Deere/Arizona Machinery  
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Penn State University  
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City of Hickory  
Hickory, NC

**Juan Ramon**  
Town of Gilbert  
Gilbert, AZ

**Rob Rosztochy**  
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Avondale, AZ

**John Tarpley**  
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Dallas, TX

**Tracy Bales**  
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Iowa State University  
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**Joey Perry**  
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Greenville, NC

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Lexington, KY

**Terry Staten**  
John Deere  
Chapel Hill, NC

**John Whitehead**  
Trinity Christian Academy  
Jackson, TN

## Fertilization of High-Traffic Bermudagrass Athletic Fields

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bermudagrass. No fertility program can prevent turf loss in areas subjected to excessively high traffic, so reseeding or resodding some areas will occasionally be necessary.

The important point to understand is that all fields have limitations. Field use schedules should be made before the "season" in order to protect fields from over-use that could damage a field. Reasonable use, combined with good cultural practices, will help ensure playable safe fields all year.



### Time s Running Out!

October 15th is the deadline for mailing Field of the Year materials, Founders Award nominations and SAFE Scholarship information.

Re-check your criterion - make sure you have everything you need - and get it in the mail!

Don t miss your chance!

For questions/additional information, please contact STMA Headquarters.



## SAN ANTONIO Optional Events - Big - Huge!

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**Wednesday, January 15, 2003 - Optional Event**

### • Nelson W. Wolff Municipal Stadium, Professional Sports Turf Managers Field Maintenance Workshop.

This hands-on workshop (6 stations) will focus on efficient methods to handle daily tasks and techniques to accomplish quality field maintenance. Participants will spend the day with sports turf managers of professional team facilities who will both show and tell key points of baseball field maintenance.

**Wednesday, January 15, 2003 - Optional Event**

### • SAFE/Textron Golf Outing

For the 3rd year in a row, Textron is proud to sponsor our optional golf outing. This year's event will be held at the Quarry in San Antonio. Designed by nationally recognized golf course designer Keith Foster, The Quarry is recognized around the country for its unique setting and



University of Texas, Austin

character. The front 9 plays through native rolling grasslands while the entire back nine is nestled in a 100-year-old quarry. This will definitely be one of the most memorable rounds of golf you will ever play.

**Sunday, January 19, 2002 - Seminar on Wheels Tour**

### • Nelson W. Wolff Municipal Stadium, San Antonio TX

Home of San Antonio Missions, Double AA, Affiliate of the Seattle Mariners.

*Tom McAfee, Stadium Manager*

### • Luther Burbank High School, San Antonio TX

*Mike Pinon, Sports Turf Manager*

Athletic facilities include baseball stadium, 3 softball fields, 2 soccer fields, and football stadium.

### • Turfgrass America Sod Farm (lunch stop)

*Pat Searight, Sales Representative*

Bus tour of acres of warm season grasses. Pallet samples of Bermudagrass; Zoysiagrass and Paspalum will be displayed. Also, view big roll sod being cut.

### • Trinity University, San Antonio TX

*Mike Schweitzer, Grounds Maintenance & Assistant Director of Physical Plant.*

Tour a baseball field, which is the recipient of 1994 Beam Clay Baseball Diamond of the Year Award. Also tour E.M. Stevens Football Stadium, baseball and softball fields, and lacrosse/intramural field. The university is landlocked and Mike will speak of the athletic field demands that have doubled over the last 10 years.

Plan on adding to your overall conference experience by taking part in one or more of these optional events.



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# Headquarters Report

by Steve Trusty, Executive Director

I am writing this column at the Atlanta Airport. I just left the Georgia Chapter's first event. It was a great success. Close to 90 people were in attendance and all those I visited with indicated that they were getting a lot out of it. It was held at Georgia Tech and Sports Turf Manager Kris Harris did an excellent job of hosting. The vendors had good traffic for their exhibits with the majority of the attendees potential buyers of their products and services. It is great to see the cooperation and camaraderie of so many people. Chapters depend on the support of the vendor community and vendors depend on the sales of their products and services to continue offering their support

I look forward to a number of other chapter visits over the next several weeks. If I don't see you at one of these, I look forward to seeing you in San Antonio in January. Actually, if I do see you before January, I still hope to see you January 15 - 19. Watch for all the details of the Conference soon.

Besides working on the Conference brochures and mailings, work has been completed on this year's Compendium and Roster. We apologize for the delay, but it has been unavoidable. We had a few advertisers (all are very important) who had problems getting us the right materials for their ads. Since each ad is important to help cover the costs of the Roster and we had made space for each ad we had to hold up final production until all of the right materials were received. Both your Roster and Compendium will be headed your way very soon.

Your Board met on July 26 and 27 and set the fall meeting for September 30 and October 1. Look for a report on the July meeting elsewhere in this issue. We'll report on the October meeting in the November/December issue.

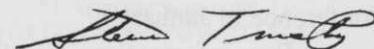
Your finance committee met in the Headquarters Conference Room on August 27. They reviewed the Auditors Report on 2001 and finalized the 2003 Budget to be presented at the next Board Meeting. Even though STMA spent more in 2001 than was taken in, STMA is still in excellent financial condition. STMA did not quite make budget on dues income, newsletter receipts and a few other areas. Unbudgeted expenditures included the total revamping of the website and the Minor League Baseball Awards. Most other costs were kept well within budget or under budget so the negative bottom line was approximately equal to the two new initiatives.

With the added Awards Sponsors this year, some

income on the Website with PowerLinks and an excellent return on the Conference, STMA should finish 2002 with a good positive balance on the bottom line. The extra expenditures in 2001 have turned out to be good investments to help member services and to provide more visibility to those outside the membership.

You may have heard a new voice when calling Headquarters since July 23rd. Sarah Gamache has joined the staff on a part-time basis. We needed someone do a variety of tasks that she was well suited to handle and she will be learning new skills as part of a work/school program.. Feel free to tell her "Welcome" next time you reach her voice when calling in.

Until next issue, may your fields play and look the best they ever have.



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## Chapter Events

continued from page 4

### Midwest Chapter STMA:

The Midwest Chapter is planning a Fall Workshop for October. For information on the Midwest Chapter, or pending activities, visit the Chapter's website-<http://mcstma.org/>--or call Libby Baker at 847-263-7603 or email [Bake60ft6in@aol.com](mailto:Bake60ft6in@aol.com).

### Florida Chapter # 1:

The Florida Chapter will meet on November 12 at the University of Miami in Miami. The program will include: Weed Identification, GN-1 Bermudagrass Fertilization Research Project, and Mound Building. Attendees will tour the athletic facilities.

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

### Virginia Sports Turf Managers Association:

The Virginia Chapter will hold officer elections in November of 2002 for the 2003 officers. Installation of the 2003 officers will take place at the Virginia Turfgrass Council annual Conference in January.

For information on the Virginia Chapter, or other upcoming events, contact: Bob Studholme, Fairfax County Park Authority via e-mail: [Robert.Studholme@FairfaxCounty.gov](mailto:Robert.Studholme@FairfaxCounty.gov) or at 703/324-8590.

### Colorado Sports Turf Managers Association:

The Colorado Chapter will participate in the RMRTA Turf Conference and Trade Show December 4 - 6 at the Denver Convention Center in Denver.

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.

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

The OSTMA Chapter will hold its fifth annual meeting and award breakfast on December 11 in conjunction with the Ohio Turfgrass Foundation annual Conference and Trade Show at the Columbus Convention Center. The Conference dates are December 9 - 12. For information on the Conference, call 888-683-3444.

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.ostma.org](http://www.ostma.org).

### Sports Turf Managers Association of Arizona:

For information on the chapter, or upcoming events, contact Chris Calcaterra at e-mail: [chris@peoriaaz.com](mailto:chris@peoriaaz.com) or 623-412-4231 or Bill Murphy, at e-mail: [bmurphy@ci.scottsdale.az.us](mailto:bmurphy@ci.scottsdale.az.us) or 480-312-7956.

### 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 Sports Turf Managers Association:

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

### 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 email [krone@mobap.edu](mailto:krone@mobap.edu).

### Georgia Sports Turf Managers Association:

For information on the chapter or upcoming events, contact Lori Turek at 770-509-3663 or [gastma@earthlink.net](mailto:gastma@earthlink.net).

### Indiana Chapter:

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

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# DOC'S DUGOUT - An Inning From Our Past

By Dr. Kent Kurtz - STMA Historian

## I Bet You Didn't Know This - It All Started With A Pump!

**I** read recently that a special team successfully brought up the turret and parts of the famous Civil War ironclad ship-the Merrimac-from the murky waters of Cape Hatteras Bay. This was the famous ironclad that confronted the Monitor to a draw in the Civil War. Here is a little story about the Merrimac that has some connection with early lawnmowers.

When the Union warship Monitor slammed a relentless broadside into the Merrimac during the classic sea battle of the Civil War and water began pouring into the ship's hull, the Merrimac's chief engineer quickly made his way to the bridge. "With those two large pumps below we can keep her afloat for hours, sir," he confidently reported to the captain.

History records that the Confederate skipper kept his ship afloat until the Monitor withdrew from battle and thus protected the city of Richmond by blocking the mouth of the James River and keeping the Federal squadron at bay in Hampton Roads. That was March of 1862 and the pumps were Worthington pumps.



Worthington Model F and aerifier (restored 1975)

Eighty years later Worthington pumps again came to the rescue in another epic

naval battle when Japanese dive-bombers descended on the light cruiser Marblehead. The ship was flounder-



Worthington Model F (1973)

ing, afire and taking on water by the tons. The Marblehead seemed doomed but as 60 Worthington pumps worked unceasingly night and day, the crew nursed the battered vessel for 12 weeks some 13,000 miles across the Indian Ocean and the South Atlantic to safety.

The man who really put Worthington pumps on the map was Henry Rossiter Worthington, the father of Charles Campbell Worthington. In the 1840s Henry launched a brilliant and pioneering career to propel his company into the world's largest maker of pumps. When Henry died in 1880 Charles became the President of the Worthington Pump Company. He formed the International Pump Company, merging Worthington with pump companies from England, France and Germany. But the Sherman Anti-Trust Laws went into effect and he was forced to dissolve the empire and retire. The famous Guggenheim banker had some important part in this affair but went down on the Titanic with various documents related to the transaction. The company took a new direction after the Pump

*continued on page 10*

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# DOC'S DUGOUT - An Inning From Our Past

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Company was dissolved and sold to other investors.

In 1903, while still heading up the Pump Company, Charles Worthington manufactured six steam automobiles (the Worthington Meteor)

but production was curtailed in 1906 because Americans preferred gas driven engines. He then bought the rights to manufacture the French "Bolee" and the German "Berg".

This company was known as the Worthington Automobile Company.



**Worthington Model F and gang mower**

In the early 1900s most golf courses and recreational areas were mowed with sheep as well as single 30" horse drawn mowing units. Charles Worthington, being an inventor, wanted to speed up the process of mowing so he hired E.M. Sawtelle, his son-in-law, to develop a gang mower. In 1910 Sawtelle tried to persuade the Caldwell, Pennsylvania and Townsend Mower Companies, which made single unit horse drawn mowers, to build a three-gang mower. All three companies ridiculed the idea as impractical. So Sawtelle built a flexible 4" x 4" frame (with posts and brackets made by a local blacksmith) and Ransome cutting reels. This early company was known as the Shawnee Mower Company. A patent was awarded on the flexible frame and Worthington's friends urged him to build gangs for them. Charles Worthington built a plant in Stroudsburg, Pennsylvania (3 miles from Shawnee) and gang mowers went into production. The 3-gang mower soon developed into a 5-gang mower that required two horses to operate it in cutting grass.

In 1914, Charles Worthington built the first experimental tractor. Each of the early Worthingtons used Model 'T' parts purchased from Ford and assembled to meet the special needs of the golf, athletic, recreational and estate grass care needs. By 1919, the Company developed a front wheel drive tractor using a Model 'T' Ford engine. The Company expanded rapidly and soon developed a rear wheel drive, in 1928 used the Model 'A' Ford engine and in 1932 the Model 'B' Ford engine. Both of these tractors furnished sufficient power capable of pulling a 7-gang mowing unit. In 1928, the Company designed a hands greens mower with detachable handle.

Three of these units could be used in gang formation-pulled by a two wheel, pneumatic tired tractor.



**Worthington tractors (1973)**

These units had long handles and were capable of mowing 1,000 feet of greens per minute (the tires had to be deflated to 3 to 4 pounds per square inch to prevent pocking the greens). Sometime during this period the Shawnee Mower Company became the Worthington Mower Company.

With the outbreak of WWII, President Roosevelt proclaimed that "all lawnmowers and other nonessentials will cease production as of now!" At that time the Army Air Corps had a competitive test of

continued on page 11

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# DOC'S DUGOUT - An Inning From Our Past

continued from page 9

all gang mowers for airfield maintenance. A new design patented by E. Ross Sawtelle (Charles's grandson) called the Airfield Blitzer easily won due to its ability to mow at speeds up to 20-25 MPH (the conventional golf course mower could not work satisfactory over 5 MPH). Worthington received a government contract and Blitzers were sent all over the world for airfield work. Although the Worthington Golf Chief, with the 6-cylinder Chrysler Industrial Engine, could operate satisfactory with 7, 9, or 11 gangs-the government used mostly jeeps and "weapon carriers" to pull them.

Charles Campbell Worthington died in 1944 at the age of 90 and his son Ross became president of the Worthington Mower Company.

In 1945, the Worthington Mower Company was sold to the Jacobsen Manufacturing Company of Racine, Wisconsin. Jacobsen had been producing small power mowers for many years but had no large tractors or gang

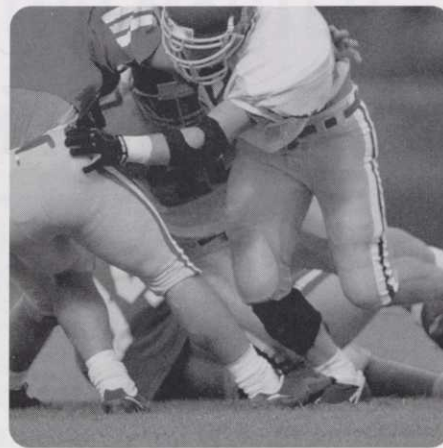
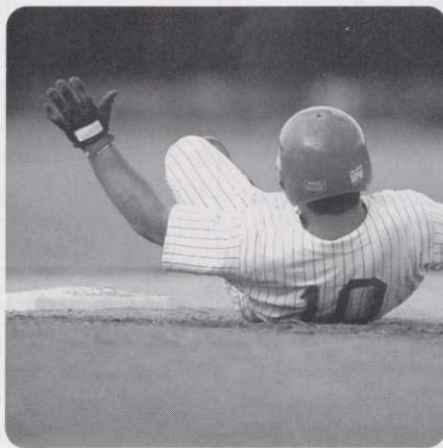
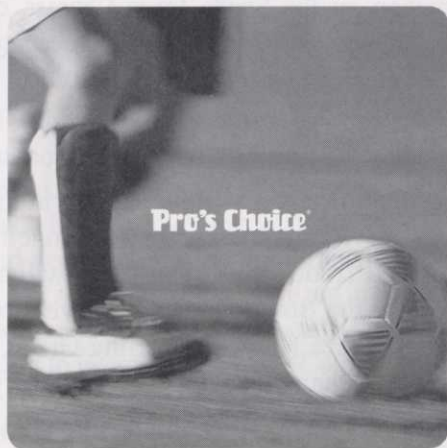
units. The production of Worthington tractors and gang mowers was phased out in the late 1950s and the Stroudsburg plant was moved to Racine in 1961. Jacobsen quit using the Worthington name sometime after this and similar units were manufactured using the Jacobsen name.

Ross Sawtelle became the temporary Vice President and Sales Manager for Jacobsen until 1948 but, when contrary views on policy arose, he resigned. He went to New England and joined his brother, Chester Sawtelle, to form a new turfgrass equipment company-Sawtelle Brothers. Ross died suddenly in 1964 and Chester continued the business until his retirement around 1980.

*Much of this information was given to me by Chester (Chet) Sawtelle who turned 93 years old the last week of August. He lives in Marblehead, MA.*



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## Chapter Events

*continued from page 8*

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

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

### **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.

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

For information on the Chapter or pending events, contact MiSTMA Headquarters at 517-712-3407, or email 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.

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

For information on the Nebraska Chapter, or upcoming events, call Loren Humphrey at: 402-461-2324 or email to [lhumphrey@cityofhastings.org](mailto:lhumphrey@cityofhastings.org).

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

The New Jersey Chapter will again partner with the New Jersey Turfgrass Expo to present a special sports turf specific educational track. The Expo will be held December 10 -12, 2002, at the Trump Taj Mahal Resort & Casino in Atlantic City, New Jersey.

For information on the New Jersey Chapter, or upcoming events, call Fred Castenschild at 908-722-9830 or email to [mkc@blast.net](mailto:mkc@blast.net); or call Eleanora Murfitt, at 908-236-9118; e-mail to [HQ@sfmanj.org](mailto:HQ@sfmanj.org).

### **Pacific Northwest Sports Turf Managers Association:**

For information on the chapter or upcoming events, contact in Washington, Jay Warnick at [JayW@Seahawks.com](mailto:JayW@Seahawks.com) or in Oregon, Mike Wagner at [MWagner@Oregon.UOregon.edu](mailto:MWagner@Oregon.UOregon.edu).

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

For information on the North Texas Chapter, or pending activities, contact Greg Zimmerman at 214-987-5491 or [bcf-irrigation@att.net](mailto:bcf-irrigation@att.net) or Rene Asprien 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).

### **Chapters on the Grow:**

**Kentucky:** The forming Chapter will participate in the sports turf track of the Kentucky Turfgrass Council's Annual Conference and Trade Show. This event will be held November 4 - 7 at the Bowling Green Convention Center and University Plaza Hotel in Bowling Green. 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).

**Las Vegas:** For information on the chapter developing in Las Vegas, contact Rod Smith, Grounds Manager/Cashman Center at 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, at e-mail: [Kevin@wpe.com](mailto:Kevin@wpe.com) or at 607-432-2953.



## Southern Athletic Fields

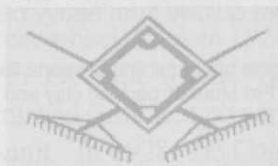
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# Professional Development - Mentoring Program Approaches its 2nd Year

by Steve Wightman, Mentoring Committee Chair

As many of you are aware by now, STMA has initiated the Mentoring Program for our professional members. The purpose of this pioneer program is threefold. First and foremost, the mentoring program is designed to formally welcome all new STMA members into this great professional organization with a personal contact from a mentor assigned to that new member. This is an important aspect of the program because it offers a certain amount of comfort and a sense of value to the members and lets them know they are appreciated.

Secondly, the mentoring program welcomes new members into the STMA network of sports turf managers who are willing to share information about the industry. Mentors also serve as peers in discussing sports related issues. This aspect of the mentoring program encourages the networking of ideas, techniques and information that makes us all better sports field managers.

Third, the mentoring program offers a tremendous resource opportunity to each new member for greater involvement in sports field management. Each mentor offers ideas on the opportunities that are available to each member by facilitating the level of involvement he or she chooses, i.e. chapter involvement; local chapter or national committee involvement; national conference participation, etc. By having more members involved at the local and/or national level the association becomes stronger, more valuable and more professional.

On behalf of STMA Headquarters, the Membership Committee, the Mentoring Program Subcommittee and all of the new and veteran members of this association, I would like to express our sincere "Thank You" to all of our first year mentors, for your commitment and dedication to this important pioneer program.

As you read this, we are in the process of selecting new mentors to begin our 2nd year with the program. We also are ready to begin Phase II - the Commercial Mentoring Program!

As STMA receives new Commercial members throughout the USA, we realize the importance to welcome these members into the Association and make them realize their value to STMA, on a local and national level.

Within the current Commercial member category, STMA allows one contact to become the "main" member of a company, V (Commercial) category, and encourages additional company members to join under the Va (Commercial additional) category. Thus, the potential for new Commercial membership is great! These important members bring a vast knowledge pertaining to products that we all use on a daily basis. Because of the great feedback from the Mentor subcommittee, we are excited to offer these new members a Commercial mentor to be there for guidance, assistance and networking in the realm of STMA.

STMA members who volunteer as a Mentor will

receive a Mentor Handbook containing information and guidelines on the mentoring process. The Handbook provides basic information to assist the Mentor in helping to make his/her role as a mentor easier, more comfortable and more effective and to more easily keep track of the ongoing contact with those being mentored.

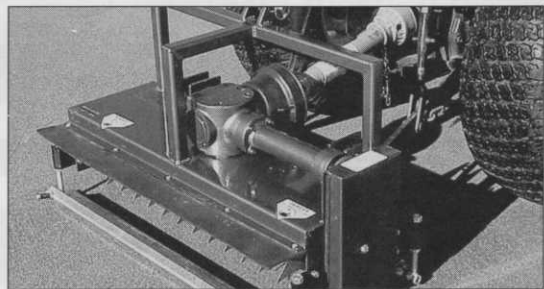
We ask the Mentor to agree to follow certain STMA expectations and guidelines throughout the mentoring process. This signed agreement is a formal document outlining the expectations and responsibilities that STMA expects from each Mentor.

If you, or someone you know, is interested in becoming a mentor, for our professional, student, or Commercial members, please contact me - Steve Wightman, Mentoring Committee Chair by e-mail at [swightman@sandiego.gov](mailto:swightman@sandiego.gov) - or by phone at 619/641-3106 or Suz or Steph at STMA Headquarters.

The mentoring process is one more step in moving towards the "next level" of professionalism within our membership and our Association.



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# STMA Board Meeting Report

The STMA Board of Directors met on July 26 and 27 in Miami, Florida. The meeting was held in Miami to allow the Board to tour hotel and Conference Center options for a possible potential Conference site. It was determined the hotel room costs, food and beverage costs and other conference-related costs put Miami out of the consideration at this point.

The Board approved the minutes of the March 22-23, 2002 Board Meeting as presented. The Board approved the Preliminary Financial Reports for the period ending June 30, 2002.

Mike Trigg, CSFM, distributed copies of the revised Board of Directors handbook and requested review of the material and additional input. The completed handbooks will serve as a reference to current Board Members and to potential Board nominees to help them better understand the commitments required of the position prior to accepting a nomination.

The Board reviewed the positive and negative impacts of various factors involved in making the Conference site selection to better manage the analysis process. Top priority items were identified as: room rates, location and overall costs. Ranked as number 2 priorities were: dates, room proximity to the exhibits, convention center (cost, proximity to hotels, and meeting space). Ranked as number 3 priorities were: flight availability/flight costs, room proximity to other

hotels/networking and outside activities - turf facilities, workshops and golf. The Board directed Executive Director Steve Trusty to pursue Phoenix as a potential Conference site for 2005 and Florida for 2006.

The Board approved the continuation of the Awards Sponsorship Program for another two-year term at the established rate. As Chair of the Website Committee, Montgomery recommended and the Board approved purchase of website statistical analysis services to track the statistical information for the website.

STMA Treasurer and Finance and Audit Committee Chair, Tim Moore, CSFM, recommended the Board approve the 2003 Conference Budget as submitted. After review, the Board approved this budget.

The Board reviewed the 2001 Audit Report and analyzed the negative impact to the year's income to expense ratio of the approved, but unbudgeted, expenses for the STMA Website development and the Minor League Baseball Awards. Future analysis prior to major expenditures may lead the Board to channel such expenditures through the restricted fund, rather than the general fund, account. The STMA overall financial picture remains sound.

Marketing Committee Chair, Vickie Wallace, recommended development of a coordinated marketing program to implement the STMA strategic plan and take STMA to the next level. She referred the Board to the marketing report as submitted and presented a SWOT (Strengths and Weaknesses, Opportunities and Threats) analysis. Wallace noted a coordinated marketing effort would require review of STMA's current status by an outside consultant and guidance for a coordinated plan to implement the short and long range goals of the strategic plan to portray a positive professional image. Components of the program would include upgraded marketing materials and development of an image ad. The Board approved allocation of funding to issue RFPs for a marketing consultant to review the overall marketing plan and how it would relate to the STMA Strategic Plan.

Additional items of Board review included ongoing initiatives in membership, mentoring, website, technical standards, certification, the SAFE Foundation, awards, and nominations. STMA President Murray Cook noted the advancing interest in STMA in the International Market and encouraged Board guidance on international issues for the STMA membership and management in their overseas contacts. The Certification Committee will proceed with a Brochure targeted to the employers of sports turf managers. The Board approved development of an updated STMA Membership Brochure to reflect new programs, the Headquarters move, and the dues increase to \$95.

The next Board Meeting was set for September 30th and October 1st, 2002, in Baltimore, Maryland.



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## NEW MEMBER SWEEPSTAKES!!

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