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Fill in 130 on reader service form or visit http://oners.hotims.com/14679-130
STMA recognizes 2008 newly certified members

Congratulations to the eight STMA members who have achieved certification this year. To become certified, members must accumulate a minimum of 40 points in order to take the exam, and pass the four sections: agronomics, pest management, administration, and sports-specific field management. To maintain the Certified Sports Field Manager (CSFM) professional designation, members must earn three Continuing Education Points (CEUs) and nine Industry Service Points (ISPs) every 3 years. For more information on the CSFM program, go to www.STMA.org and click on the "Professionalism" tab.

2008
Joe Collins, CSFM, Samford University
Stephen Crockett, CSFM, City of Union City
Robert Ehrler, CSFM, Town of Huntington
Kevin Meredith, CSFM, National Soccer Hall of Fame
Carey See, CSFM, Emory University
Jimmy Simpson, CSFM, Town of Cary
Waldo Terrell, CSFM, University of Georgia Athletic Dept.
Shane Young, CSFM, Prince William County Park Authority

Previously Certified STMA Members

2007
Kari Allen, CSFM, Sodexo/Benedictine University
Jason Bowers, CSFM, Virginia Tech
Steve Bush, CSFM, Bush Sports Turf
Richard Calarco, CSFM, Town of Hebron Parks and Rec Dept.
Clark Cox, CSFM, University of South Carolina
Eric Fasbender, CSFM, University of Oregon Athletics
Martin Kaufman, CSFM, Ensworth Schools
David Pinsonneault, CSFM, CPRP, Town of Lexington
David Smith, CSFM, North Jackson High School
Jim Stamps, CSFM, JSM Services, Inc.
Peter Thibeault, CSFM, Noble & Greenough School
Gary Vandenberg, CSFM, Milwaukee Brewers/Miller Park

2006
Larry Berry, CSFM, Lee University
Matt Carl, CSFM, City of Ankeny
Steve Dugas, CSFM, California State University/Fullerton
Eric Holland, CSFM, Precision Turf, LLC
Jonathan Holland, CSFM, Precision Turf, LLC
Allen Johnson, CSFM, Green Bay Packers
Jesse Pritchard, CSFM, University of Virginia Athletic Dept.

Larry Rhodes, CSFM, Elon University
Joseph Warner, CSFM, DVH Athletic Turf
Dean Whitehead, CSFM, Hampden-Sydney College
Clive Williams, CSFM, City of Boca Raton Parks & Rec
Alan Wilson, CSFM, Wilson & Associates

2005
Carol Baker, CSFM, Mt. San Antonio College
John Boyd, CSFM, Shawnee County Parks & Rec
Patrick Coakley, CSFM, Altoona Curve
Jesse Driver, CSFM, Mid-Atlantic Turf, Inc.
Kenneth Edwards, CSFM, City of Gulfport
Douglas Horn, CSFM
Joe Kennedy, III, CSFM, City of Surprise
Rick Perruzzi, CSFM, City of South Portland
Don Savard, CSFM, Salesianum School
Lance Tibbetts, CSFM, University of New England
Raechal Volkening, CSFM, Volkening Consulting

2004
Michael Buras, CSFM, Longwood Cricket Club
Joseph Case, CSFM
Jason DePepe, CSFM, University of Colorado/Athletics
Ron Hostick, CSFM, San Diego State University
Kevin Malone, CSFM, Columbia University-Baker Field Athletic Complex

2003
Peter Ashe, CSFM, University of North Carolina-Greensboro
Bob Benyo, CSFM, Premier Sports Fields, LLC
Rick Bold, CSFM, Glencoe Park District
Darin Budak, CSFM, City of Bakersfield
Chris Calcatera, M.Ed., CSFM, CPRP, City of Peoria Sports Complex
Roger Daigle, CSFM, City of Port Collins-Parks Div.
Amy Fouty, CSFM, Spartan Stadium/Michigan State University
Chad Price, CSFM, Carolina Green Corp.
Jeff Salmond, CSFM, University of Oklahoma
Jim Sanders, CSFM, Western Eagle County Metro Rec District
Alan Siebert, CSFM, City of Peoria Sports Complex
Tony Strickland, CSFM, Athletic Construction, Inc.

2002
George Bernardon, CSFM, GCA Services Group, Inc.
John Fik, CSFM, Sodexo Education Services
Nick Gammill, CSFM, American University
James Hermann, CSFM, Total Control, Inc.
James Rodgers, CSFM, Luck Stone Company
George Trivett, CSFM, City of Lenoir
Michael Wagner, CSFM, University of Oregon Athletics
Jay Warnick, CSFM, World Class Athletic Surfaces, Inc.
Brian Wimble, CSFM, Skidmore College

www.sportsturfonline.com
STMA Governance changes on horizon

The Bylaws Committee is working on adjusting the Bylaws to include the governance changes adopted by the STMA Board of Directors at its Winter 2008 Board Meeting. These changes resulted from a culmination of 10 months of work by a Governance Task Group, which was appointed by President Andresen in March 2007. That Task Group’s recommendations can be categorized into four changes:

- Combining the Secretary and Treasurer positions into one office, the Secretary/Treasurer.
- Formalizing the ascension process to the STMA Presidency.
- Reducing the terms of the Officers to one year in each office.

www.stma.org

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Previously, each Officer served up to two terms.

- Expanding the STMA Board of Directors by two Directors’ positions (a net gain of one position due to the combination of the Secretary and Treasurer into one office.) The current Directors’ and one of the new Directors terms will remain at two years. The other new Director will fulfill a one-year term.

Three sections of the Bylaws are affected including Article V - Board of Directors. The Language that defines the number of board members will need to change. Article VI - Officers will show many changes since this is the area that will describe the ascension process, the reduction to one-year terms for the Officers, and describe the duties of the Officers. Article VII - Directors will be adjusted to identify the two new director positions.

Information will be included on-line at www.stma.org as these changes advance, so that you are kept up-to-date. Please contact headquarters at STMAinfo@STMA.org or 1-800-323-3875 if you have any questions.

Virginia STMA members write book

The Virginia Sports Turf Managers Association has released a new book, “Sports Turf Management in the Transition Zone.” This 200-page, hardcover book includes more than 100 four-color photographs and was written by Virginia Tech faculty members Dr. Mike Goatley, Dr. Shawn Askew, Dr. Erik Ervin, David McCall, Bob Studholme, Dr. Pete Schultz, Dr. Brandon Horvath, as well as Bob Studholme, former president of VSTMA and a 30-year veteran of managing sports turf with the Fairfax County Park Authority.

The book is meant to serve as a user-friendly resource featuring programs and concepts that have been developed based on both turfgrass research as well as field experience by qualified sports turf managers. Copies can be purchased through www.vstma.org or by calling Pocahontas Press at 800-446-0467.
These brown areas in front of this sidewalk behind the endzone were caused by an application of Glyphosate to eradicate the weeds in the cracks of the sidewalk. The applicator did a very good job of applying the correct rate of material with a low volume backpack sprayer. However an unexpected and errant raincloud appeared over the stadium about an hour after the application of the material. The rain caused the weed killer to runoff the sidewalk causing the dead areas of turf. Since this happened during the off season, the bermudagrass was allowed to grow back over the affected area.

Thanks to Brian Donaway, Grounds Supervisor at Florida State University, for allowing me to take these pictures.

If you would like to submit a photograph for John Mascaro's Photo Quiz please send it to John Mascaro, 1471 Capital Circle NW, Ste # 13, Tallahassee, FL. 32303 or email to john@turf-tec.com. If your photograph is selected, you will receive full credit. All photos submitted will become property of SportsTurf magazine and the Sports Turf Managers Association.
Chapter News

New Chapter Resources!

New Articles are available for chapters to use in their newsletters and other member communication vehicles. Go to www.STMA.org, click on the Chapter Resources tab, and then Chapter Newsletter Articles.

Chapters now have a good way to share practices that have been successful for their individual chapter and learn from other chapters through Chapter Best Management Practices (BMPs). STMA has created an area on www.STMA.org under Chapter Resources for the BMPs. Currently, there is a BMP on leveraging and building relationships with local and regional sections of "allied" associations, such as the NRPA, NIAAA, NACDA, Ag Educators, etc. This BMP explains how to contact these organizations, the benefits of collaborating with these organizations, how STMA can help, and an example of a letter to help you begin a dialogue. There is also a BMP on Chapter Membership Recruitment strategies.

To help STMA refine these BMPs and add more ideas to the list, please consider what is working for your chapter and send a quick email to STMAInfo@STMA.org with the following information:

- Chapter Name
- "How to (do what your chapter is successful at doing)"
- Describe your process in sequence, include the resources needed, both financial and personnel, how you measured success, pitfalls to watch out for and tips for success.

Areas to consider developing a BMP about include membership retention, recruitment, sponsorship relationships, hosting field days, conducting workshops, streamlining administration and chapter operations, etc.

STMA Chapter Contacts

Sports Turf Managers Association of Arizona:

Chesapeake Chapter STMA (formerly Mid-Atlantic Athletic Field Managers Organization – MAFMO) Chapter STMA:
www.csstma.org.

Colorado Sports Turf Managers Association:
www.csstma.org.

Florida #1 Chapter: 954/732-2788
Gateway Chapter Sports Turf Managers Association:
www.gatewaystma.org.

Georgia Sports Turf Managers Association:
www.gstatma.org.

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

Illinois Chapter STMA: 847/283-7603.

Intermountain Chapter of the Sports Turf Managers Association:
www.imstma.org.

Iowa Sports Turf Managers Association:
www.iowaturfgrass.org.

Keystone Athletic Field Managers Org. (KAFMO) STMA:

Kentucky Sports Turf Managers Association:
www.kystma.org.

Michigan Sports Turf Managers Association (MISTMA):
www.mstatma.org.

Minnesota Chapter STMA:
www.mstatma.org.

MO-KAN Sports Turf Managers Association:

New England STMA (NESTMA):
www.nestma.org.

Nebraska Sports Turf Managers Association:
402/441-4426.


North Florida STMA Chapter: 850/880-4028.

Northern California STMA:

Ozarks STMA: www.ozarkstma.org.

Sports Turf Managers of New York:

Sports Field Managers Association of New Jersey:
www.sfmnj.org.

Ohio Sports Turf Managers Association (OSTMA):
www.ostma.org.

Pacific Northwest Sports Turf Managers Association:
www.pnwstma.org.

Southern California Chapter:

South Carolina Chapter of STMA:

Texas Sports Turf Managers Association:
866/897-8821.

Tennessee Valley Sports Turf Managers Association (TVSTMA):
www.tvstma.org.

Virginia Sports Turf Managers Association:
www.vstma.org.

Wisconsin Sports Turf Managers Association:
www.wstma.org.

Forming Chapters:
Gulf Coast Chapter: 225/757-8136.

Nevada STMA Chapter: 702/423-3113.

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Before the invention of the West Point aerifier, pitchforks, hollow tine hand tools and solid steel spikes were used to cultivate soil in key areas like in front of pitcher's mounds. Homemade spikers were also used to loosen the soil in larger spaces such as outfields and football fields. Modern day sports turf managers have a variety of aerification equipment at their disposal to improve soil structure and decrease the effect of wear.

Sports turf managers have also been very creative and innovative in irrigation. According to STMA Past President Steve Wightman, when he was at Mile High Stadium in Denver from the mid-1970's until the mid-1980's, a homemade semi-portable irrigation system was used to supplement the lack of coverage provided by the perimeter irrigation one of the original PAT Systems.
**MARKETPLACE**

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May 2008 - Expires November 2008 - RS805
Management plan for synthetics

We need a management plan for synthetic turf soccer field. Can you outline the basic equipment needs and schedules?

North Carolina

I would not consider myself to be an expert on managing synthetic turfgrass having spent my career concentrating on activities related to natural grass surfaces. But I have completed several years of research on selected synthetic turf surfaces and have participated in numerous discussions with athletic field managers that manage synthetic surfaces. This management plan will reflect experiences I have gleaned from other sports turf managers and from resources prepared by the Sports Turf Managers Association and the American Sports Builders Association.

The management plan begins following the professional installation of an outdoor modern synthetic infill turf and will not consider cost associated with either the installation or management. The comments will be directed at the management process and suggested equipment needed to accomplish the management goals of maintaining a safe, high-performance surface for soccer.

In several respects the management of a synthetic surface will be influenced by the same factors that can influence a natural surface. These factors may include the amount of use and level of play, weather conditions, budget, and labor. In addition, some manufacturers may have their own suggested management practices unique for their synthetic product. These should be considered when purchasing a synthetic product since adherence to suggested practices may impact product and/or installation warranties.

The primary cultural practice for a synthetic surface is grooming. To maintain a uniform surface with an infill system the field will need to be swept and dragged regularly. Depending on use, this may be required once a week to once a month. It is important to follow manufacturer’s recommendation on grooming because it can cause excessive wear and inappropriate grooming may void your warranty. Equipment needed include something to groom the surface, usually a nylon-bristle bush, and a drag to stand fiber up and to distribute the crumb rubber. These are available that can be pulled behind utility carts.

Infill material will also need to be added on an annual basis. A field will need 1 to 7 tons of rubber added yearly. Note it takes about 20 tons of crumb rubber to get ¼ inch. Topdressing equipment will be necessary in the reapplication of crumb rubber. Vacuums and leaf blowers can be helpful to remove some debris (e.g., sunflower seeds), but in many cases, debris may need to be removed by hand since these implements may also remove/move infill. A field magnet should also be routinely used to remove broken spikes or other metallic contaminants.

The most common post-installation service needed is due to seam failure. Someone on the staff should be trained to troubleshoot seam problems and be capable of making minor repairs.

Seam failures not only can worsen quickly with use, they can also result in athlete injuries so timely repair is essential. Special adhesives and application equipment as well as a sewing kit will be necessary. If lines are not permanently sewn into the field, markings will need to be painted. Ancillary lines outside the field are most often applied with painted. With an outdoor field, the field the lines may need to be painted several times a year, depending on the amount of use.

Quick couplers should be available at the field’s perimeter to wash off substances and/or to prevent stains. In addition, watering helps settle the infill and can increase consistency of ball roll and bounce. Timely pressure washing may be beneficial to remove some unwanted fluids or contaminants. Since the rubber holds heat, most liquids dry very quickly. Removing them before they dry is ideal, so post-use inspection is optimum. In some cases special solvents and cleaners may be necessary to remove hard-to-remove stains. Chewing gum removal is one particular time consuming process. In addition, care must be taken to prevent burn damage from fireworks and cigarettes.

There will be a need for spraying equipment. In at least the first year, anti-static materials will be needed to reduce rubber movement due to “static cling.” Applications may be needed once to twice per month the first few months, then at reduced intervals afterwards.

While it is still debated, many field managers strongly suggest that the field be treated with anti-microbial products to remove bacterial growth. Natural fields contain billions of beneficial organisms to break down contaminants such as blood, vomit, urine, sweat, spit, and animal droppings. Since these natural beneficial are not in synthetic fields, the fields will require cleaning and/or disinfecting. Field managers are spraying disinfectants weekly to monthly.

With an outside field there is a strong possibility that wind-blown seeds will result in some on-field weed growth. Hand pulling may be effective, but in some cases a post-emergence weed herbicide (not oil-based) may be necessary. Glyphosate works well as a non-selective product without causing staining. In addition, during periods of high rainfall, high humidity, and low solar radiation, moss, mold, and algae can become established on a synthetic surface. It is most common in the less used areas of a field. Appropriate sprays may be needed to prevent rapid spread. Application of wetting agents has also been shown to improve water movement through the synthetic profile. The surface should be evaluated for hydrophobicity every 6 to 8 weeks and sprayed as appropriate.

Part of the regular management of a synthetic surface should include testing and evaluation. Clegg impact testing for hardness, pile fiber loss, shock absorbency, drainage, and seam and inlay integrity should be regularly evaluated to ensure the safety and integrity of the field.