

# STMA Heads to the Live Music Capital of the World!

**AUSTIN, TEXAS** – Long considered one of the most influential music cities in America, Austin plays host to the 22nd Annual Sports Turf Managers Association Conference and Exhibition, January 11 - 15, 2011. With more than 200 live music venues nearby, downtown Austin will provide an excellent setting for the green industry's largest event dedicated to sports turf management.

For 2011, STMA has expanded the educational track to new heights, with more than 60 sessions to choose from, on topics ranging from construction to professional development and agronomics to synthetic. All of this year's sessions were selected with one thing in mind... your budget and getting the most out of it.

As usual, there will be ample opportunity to network, visit with STMA commercial members and vendors at the trade show, and take away valuable, actionable lessons from world class educators. Make sure and check out page 23 of this article for What to Do Next, to ensure that you and your crew are able to attend this invaluable investment in you, your staff and your facility.

## Conference Highlights

### Welcome Reception -

**Wed., Jan. 12, 7:30 - 10:00 pm (First-Timers, 7:00 - 7:30 pm)**

A must attend networking event! Renew friendships and meet new people as you gear up for the next 2 days. Enjoy food and drink, and win cash with our Pull Tab Cash Cards.



### General Session Keynote Speakers -

**Thurs., Jan. 13, 8:00 - 10:00 am**

*Dr. James B. Beard*

Dr. James B. Beard is one of the world's leading turfgrass agronomists and is an international advisor and lecturer on turfgrass issues. He has published more than 260 scientific research papers, 400 popular technical articles, and several bestselling books on turfgrass culture and management.

The Beard Collection, which was donated by he and his wife to Michigan State's Turfgrass Information Center, is generally acknowledged to be the finest personal compilation of turf-related material in existence. Dr. Beard held research-teaching positions on the faculties at MSU and Texas A&M University. He founded the International Sports Turf Institute, Inc. in 1992.



## WHAT THE CONFERENCE INCLUDES

- ⊗ Full day of pre-conference workshops
- ⊗ More than 90 hours of education
- ⊗ More than 8 dedicated hours with exhibitors
- ⊗ 20 hours of networking
- ⊗ Breakfasts and lunches
- ⊗ Receptions and the 2011 STMA Awards Banquet

### Swing Riders – A True Texas Experience!

During the trail drives of the Old West, the most respected positions were those of the Swing Riders. They turned the herd in the right directions, crossed obstacles, and reached destinations others dared not even imagine. Ride along on this memorable show full of inspirational tales of leadership as told by three very talented performers. The show is led by Doc Blakely, an acclaimed humorist, musician, and recipient of every award given by the National Speakers Association. His son Mike Blakely is an award winning western novelist, singer and songwriter. Rounding out the trio is fiddler Randy Elmore, who has won the Fiddle World Champion twice. Don't miss this fun opportunity to learn new ideas that foster communication, success, and a positive outlook on life.

### *STMA Annual Meeting & Lunch -* **Thurs., Jan. 13, 12:00 - 1:15 pm**

Meet your new 2011 Board of Directors and find out about the association's progress during this past year while enjoying lunch.

### *Trade Show –* **Thurs., Jan. 13 and Fri., Jan. 14**

#### **Thursday**

**4:15 – 7:45 pm** - Reception

**4:15 – 7:00 pm** - SAFE Silent Auction

**5:00 pm** – Winners of Innovative Awards Program Announced  
Find out the winners of STMA's newest awards program to recognize the contributions of our commercial members to the industry.  
**5:30 pm** - Trade Show Demonstration – Sports Turfgrasses, Pros and Cons - *Dr. A.J. Powell, Jr.*

Includes cool and warm season grass species and their selection depending upon cost, season for establishment and ultimate use, ease of renovation, aesthetics vs. wear tolerance, heat and cold

## ESTIMATED INVESTMENT TO ATTEND

**Complete Conference Package (Including meals and preconference workshops) – STMA Member – \$375**

**Ground Transportation – \$50**

**Misc. meals – \$40**

**3 nights lodging at STMA official hotel - \$583**

**Air Transportation – \$340**

**Total – \$1,388**

It's an investment - not a cost! STMA's previous conferences have delivered a return on investment of 1,375 percent! For a detailed ROI report, go to [www.STMA.org](http://www.STMA.org) and click on the Conference tab, 2011.

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## CONFERENCE TAKEAWAYS

The 2011 STMA Conference focuses on providing solutions and new ideas for managing sports facilities. Demonstrations, classroom education, roundtables, workshops, and networking all provide opportunities for sports turf managers to access information that will lead to success. The following takeaways provide attendees an overview of the main objectives to be covered at the upcoming conference.

### Attendees will learn:

- ⊙ About the latest information on pest control and fertilizer technology for 2011.
- ⊙ How to implement successful IPM strategies at sports facilities.
- ⊙ About current pesticide restrictions and regulations. They will also learn how to develop a management plan to meet organic standards.
- ⊙ About issues with warm season, cool season, transition zone and synthetic turfgrasses through panels of industry experts.
- ⊙ About cost effective construction and renovation techniques to improve athletic fields.
- ⊙ How to positively influence the process of planning, design and construction of a sports complex. This will lead to proper maintenance and management of the complex without excessive use of labor, equipment and materials.
- ⊙ About the anatomy and management of baseball and softball infield skins.
- ⊙ Specific steps, tools, resources, documentation, and communication needed to effectively diagnose and deal with turfgrass related issues and problems.
- ⊙ The benefits of turfgrass to the environment and human health. Specific best management practices that will enhance the ability of turfgrasses to contribute to sustainable systems will also be addressed.
- ⊙ About maintenance and safety issues associated with synthetic fields and how to overcome them.
- ⊙ Professional skills necessary for success as a sports turf manager. This includes effective employee relations, communication, people management, and various other duties required in the workplace to help cultivate a more productive team and work environment.

- ⊙ How to implement multifaceted environmental stewardship programs and sustainable practices at sports facilities.
- ⊙ Best management practices for correcting field issues relating to traffic damage, pest problems, nutrient deficiencies, shade problems, and compaction.
- ⊙ How to use irrigation more efficiently, as well as potential alternative irrigation sources.
- ⊙ Ideas to complement the overall goal to reduce costs, and improve efficiency, safety and playability of sports fields.

tolerance, disease susceptibility, etc. This discussion and demonstration will help to determine whether a new cultivar will offer better quality and be equally as frugal as our existing grass cultivar. Grass specimens will be displayed. CEUs awarded: STMA, TTA, ASBA, TNLA, NRPA  
**6:30 – 7:30 pm** - Historical Panel  
 Celebrate STMA's 30th anniversary. Listen to our seasoned members reminisce about sports turf management in the early years. Ask questions and be entertained!

### Friday

**10:00 am – 2:45 pm**

**10:00 am – 2:00 pm** - SAFE Silent Auction

**11:00 am** - Trade Show Demonstration – Sports Turfgrasses, Pros and Cons (Repeated from Thurs.)

**11:00 am** - Lunch

**1:30 – 2:30 pm** - Historical Panel (repeated from Thurs.)

## STMA Annual Awards Banquet & Pre-Banquet Reception - Fri., Jan. 14, 6:30 - 10:00 pm

This is the highlight of the week! Join your peers for an hour-long reception. Then enjoy music, great food and honor STMA's award winners. The Field of the Year winners, MiLB's Sports Turf Managers of the Year, Scholarship Winners, and Student Challenge Team winners will be recognized. STMA's highest honors, the Founders Awards, will be presented as the finale to four unsuspecting members. (Preregistration and ticket required; see Registration Form).

## Educational Program Wednesday, January 12

### Sports Turf Pest Control Update for 2011

**8:00 am – 12:15 pm**

*Speakers: James Brosnan, Ph.D., Assistant Professor, University of Tennessee; David Shetlar,*

*Ph.D., Professor of Urban Landscape Entomology, Department of Entomology, The Ohio State University; David Han, Ph.D., Associate Professor/Extension Specialist, Auburn University; Janet Hurley, MPA, Extension Program Specialist – School IPM, Texas AgriLife Extension Service*

**Description:** Get up-to-date for 2011 on weed and herbicide technology, insect pests and insecticide technology, diseases and fungicide technology, and school IPM programs and implementing IPM programs.

### Managing Athletic Fields without Traditional Pesticides: Cultural, Organic, and Alternative Pest Management

**2:00 – 4:00 pm**

*Speaker: Eric Lyons, Ph.D., Associate Professor of Turfgrass Science, Department of Plant Agriculture, University of Guelph*

**Description:** This seminar will focus on how to move forward with pesticide restrictions using practical management and communication to aid in a successful transition to pesticide free management of athletic fields.

### What's New in Warm Season Grass Management

**2:00 – 4:00 pm**

*Speakers: Grady Miller, Ph.D., Professor and Extension Specialist, North Carolina State and John Sorocean, Ph.D., Associate Professor, University of Tennessee*

**Description:** This presentation will provide sports turf managers with answers to the most common turfgrass management questions as it relates to selection and management of warm-season turfgrasses.

### Native Soil Field Improvement and Construction: Making the Best of What You Have

**2:00 – 4:00 pm**

*Speakers: Jason Henderson, Ph.D., Assistant Professor, University of Connecticut and Chad Price, CSFM, President, Carolina Green Corp.*

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**Description:** This presentation will identify the benefits and challenges associated with native soil field construction. Current field conditions will be evaluated along with criteria for identifying and evaluating problematic native soil fields. Construction and renovation techniques will be presented to inform attendees on how to modify soils, renovation options, equipment, and techniques, and cost effective ways to make improvements.

### New Technology: Gadgets and Gizmos

2:00 – 4:00 pm

*Speakers: Doug Karcher, Ph.D., Associate Professor, University of Arkansas and Michael Richardson, Ph.D., Professor, University of Arkansas*

**Description:** This presentation will cover several technologies that may be used by field managers to more accurately monitor issues such as soil moisture, salinity, light levels, and nutrient levels. It will also provide information to improve decision-making by using the latest technologies to monitor potential environmental problems.

### Networking Sessions

4:30 – 5:45 pm

Network with professionals from facilities similar to your own! The forum is split by the different segments of our membership. Attend the one specific to your employment situation: Schools K-12, Higher Education, Academics, Students, Parks and Recreation, and Facilities used by Professional Athletes.

## Thursday, January 13

### Sports Turf Management: Past, Present and Future

8:00 – 9:00 am

*Speaker: James Beard, Ph.D., President, International Sports Turf Institute, Inc.*

**Description:** The twentieth century conditions, problems and advances in turfgrass culture for sports fields will be reviewed, followed by the current status and developments in the technologies of sports field culture.

### Sight Turfing: Use Your Turf Eyes to Take Your Field Management Skills

### to the Next Level

10:30 – 11:45 am

*Speaker: Ross Kurcab, CSFM, Turf Manager, Denver Broncos – INVESCO Field at Mile High*

**Description:** Deciding which treatments our sports fields need can be a challenge. A more efficient, “read and react” form of sports field management that not only maximizes field quality, performance and revenue potential, but also minimizes resource input and reduces waste will be presented.

### Sustainability 101 – Just What is Carbon Sequestration?

10:30 – 11:45 am

*Speaker: Mary Owen, Extension Turf Specialist, University of Massachusetts, Amherst*

**Description:** Sustainability has become an essential strategic goal in both the private and public sectors. Sports turf managers are challenged to understand the role of the fields and properties under their care in the use, conservation and protection of resources as well as the achievement of sustainability. This presentation will focus on the role of turfgrass in the environment

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and how turfgrasses contribute to sustainable systems.

### Topdressing with Compost, A More Sustainable and Affordable Alternative

10:30 – 11:45 am

*Speaker: Marcela Munoz, Agronomy Engineer, Graduate Student, The Ohio State University*

**Description:** Compost can be used as topdressing for athletic fields due to its various nutritional benefits and environmentally friendly characteristics. Attendees will learn how compost contributes to sustainability and playability of a sports field, how it can be used as an affordable alternative on low and moderate maintenance sports fields, and how to choose the best composting materials.

### The Spartan Cap Athletic Field System

10:30 – 11:45 am

*Speaker: Alexander Kowalewski, Ph.D., Research Aide, Michigan State University*

**Description:** Extensive feasibility testing conducted by the turfgrass scientists at Michigan State University has determined that drain tile installation and subsequent sand topdressing applications can be used to develop a built-up sand-capped system over time. This presentation will focus on training experienced athletic field contractors.

### Infill Maintenance from the Beginning

10:30 – 11:45 am

*Speaker: Shawn Mahonski, Sports Turf Technician, Towson University - Athletics*

**Description:** It is now widely understood that new infill synthetic fields are not 'maintenance free'. Some maintenance is required from the first day the field is used through the day it's replaced. The goal of this presentation is to suggest solutions to the most common infill maintenance issues.

### Market Yourself and Your Facility

10:30 – 11:45 am

*Speaker: Eric Fasbender, CSFM, Assistant Director of Athletic Facilities and Grounds, Louisiana State University Athletics*

**Description:** A large percentage of the population is unaware of what Sports Turf Managers do on a daily basis. This session will focus on effective ways to educate people in the workplace, community, and nationally about the important role of sports turf managers.

### Implementing an Environmental Stewardship Program for your Sports Facility

10:30 – 11:45 am

*Speakers: David Minner, Ph.D., Professor, Iowa State University and Jim Sluiter, Staff Ecologist, Audubon International*

**Description:** This presentation will focus on how to implement a multifaceted Environmental Stewardship Program at a sports facility. It will also discuss how environmental programs promote professionalism and encourage certification that ultimately provides value and credibility to Sports Turf Managers

### Weather 101

10:30 – 11:45 am

*Speaker: Brad Jakubowski, Adjunct Professor, Doane College*

**Description:** This interactive workshop introduces fundamental weather concepts and provides turf managers with the tools to interpret daily weather reports, maps, and forecasts which can then be applied to daily turfgrass management practices.

### So You Want to be a NFL Sports Field Manager?

11:00 – 11:45 am

*Speaker: Darian Daily, Head Groundskeeper, Paul Brown Stadium*

**Description:** If you think you want to be a NFL Sports Turf Manager, come to learn about the numerous and unique duties that

a NFL Sports Field Manager goes through to have a well maintained and safe playing surface for our players.

### Field Maintenance is Only a Third of your Job

11:45 am – 12:30 pm

*Speaker: Amy Fouty, CSFM, Athletic Turf Manager, Michigan State University Department of Intercollegiate Athletics*

**Description:** When it comes to being a successful sports turf manager, maintaining the field is only a fraction of what is required for your job. This session will discuss the additional professional skills necessary to excel in your position on and off the field.

### 25 Years as a Sports Turf Manager – What I Wish I Had Known

January 13, 1:00 – 2:00 pm

*Speaker: Bob Campbell, CSFM, Vice President – Customer Relations, Carolina Green Corp.*

**Description:** This presentation will provide sports turf managers the opportunity to examine what they are doing and challenge them to grow professionally while at the same time finding more enjoyment along the way.

### New Fertilizer Technology

1:30 – 2:30 pm

*Speaker: Elizabeth Guertal, Ph.D., Professor, Auburn University*

**Description:** This presentation will cover the newer fertilizers that are on the sports turf market, including slow-release and stabilized nitrogen technologies. Attendees will learn how newer fertilizer products affect nitrogen fate in the environment, as well as understand turfgrass response to new fertilizer products.

### Managing a Multi-Purpose Field: Turf Health in a High Traffic Environment

1:30 – 2:30 pm

*Speaker: Joshua Koss, Sports Turf Manager, San Diego Jewish Academy*

**Description:** The presentation will compare the goals of a sports field from three different perspectives: Turf Manager, Coach/Athlete, and General Manager/Athletic Director. This presentation will focus on developing, maintaining or enhancing healthy working relationships with coaches and user groups. It will also focus on developing and implementing a personalized "turf healthcare" program to maintain high traffic areas, protect the company's investment in the field, and build sustainability for the future.

## SAFE AUCTIONS AND RAFFLES

Throughout conference, SAFE will be conducting exciting auctions and raffles including:

- ⊙ Lottery style pull tab tickets
- ⊙ Silent auction with new items daily
- ⊙ Live auction with more exclusive items
- ⊙ A large item raffle

Typical donations include team gear, products, equipment, tickets to events, wine, gift certificates and more. To donate an item for the SAFE Auctions and Raffles, please contact STMA Headquarters at 800.323.3875 or STMAInfo@STMA.org.

**Irrigating Turf with Effluent/  
Salt Water****1:30 – 2:30 pm***Speaker: James McAfee, Ph.D., Extension Turfgrass Specialist, Texas AgriLife Extension Service*

**Description:** Effluent water is becoming a common alternate source of irrigation water available to irrigate sports fields. Although there are many positives associated with using effluent water on sports fields, there are many problems that need to be addressed.

**Using Turf Colorants for Green Turf****1:30 – 2:30 pm***Speaker: Grady Miller, Ph.D., Professor and Extension Specialist, North Carolina State*

**Description:** This presentation will provide an overview of using turf colorants along with specific research results following the evaluation of twelve colorant products. The performance of the products along with an economic analysis will also be included.

**The Sports Turf Managers Role in  
the Planning, Design and  
Construction of a Sports Complex****1:30 – 2:30 pm***Speakers: Mike Trigg, CSFM, Superintendent of Parks, Waukegan Park District and Paul Weise, Vice President, JJR, LLC*

**Description:** The Sports Turf Manager is a critical member of the team throughout the planning, design and construction of a sports complex. This presentation will prepare the Sports Turf Manager to positively influence the process of planning, designing and constructing a sports complex so the complex can be properly maintained and managed without excessive use of labor, equipment and materials.

**Reality Bites – What Organic  
Turf Management Regulations  
Would Mean****1:30 – 2:30 pm***Speaker: John Stier, Ph.D., Professor and Department Chair, University of Wisconsin - Madison*

**Description:** Organic turf management is on the horizon and sports turf managers need to be alerted to what is happening on the national scene, how they can influence future regulations, and how they can develop a management plan that will meet organic standards.

**Benefits of Turf in the Landscape****1:30 – 2:30 pm***Speaker: Joann Gruttadaurio, Extension Associate, Cornell University*

**Description:** This presentation will review

how turf benefits the environment and contributes to quality of life.

**Synthetic Turf Baseball Fields:  
The Pros, Cons, and  
Maintenance of Next Generation  
Artificial****1:30 – 2:30 pm***Speaker: Robert Ralston, Second Assistant, Custer Hill Golf Course*

**Description:** Learn about the installation and aging of a second generation synthetic turf baseball field, and companion indoor practice facility at Kansas State University. Those who take care of their own baseball fields as well as those interested in constructing a synthetic baseball field will learn about the unique care these fields require.

**Warm Season Turf:  
Professors and Practitioners****2:45 – 4:15 pm***Speakers: Clint Waltz, Ph.D., Associate Professor / Turfgrass Specialist, University of Georgia; John Sorochan, Ph.D., Associate Professor, University of Tennessee; Michael Tarantino, Director, Maintenance and Operations, Poway Unified School District; Craig Potts, Assistant Manager/Athletic Fields, Texas A&M University; Bob Marcotte, Athletic Field Maintenance Manager, Recreational Sports Department, Texas A&M University; Penberthy Intramural Sports Center*

**Description:** This panel discussion offers attendees the chance to bring specific questions and issues to the attention of warm season turfgrass experts.

**Cool Season Turf:  
Professors and Practitioners****2:45 – 4:15 pm***Speakers: Andrew McNitt, Ph.D., Associate Professor of Soil Science/Turfgrass, Penn State; John Stier, Ph.D., Professor and Department Chair, University of Wisconsin – Madison; David Shetlar, Ph.D., Professor of Urban Landscape Entomology, Department of Entomology, The Ohio State University; Amy Fouty, CSFM, Athletic Turf Manager, Michigan State University Department of Intercollegiate Athletics; Kevin Shipman, Grounds Manager, Kingsway Regional School District*

**Description:** This panel discussion offers attendees the chance to bring specific questions and issues to the attention of cool season turfgrass experts.

**Synthetic Turf Update****2:45 – 4:15 pm***Speakers: Tom Serensits, Manager – Center for Sports Surface Research, Penn State University; Webb Cook, Executive Vice President, Liberty Sports, LLC; Shawn Mahonski, Sports Turf**Technician, Towson University – Athletics; Darian Daily, Head Groundskeeper, Paul Brown Stadium*

**Description:** This panel discussion offers attendees the chance to bring specific questions and issues to the attention of synthetic turfgrass experts.

**Doing More with What You Have  
(Or Less) for Sports Field  
Management****2:45 – 4:15 pm***Speaker: Tim Vanini, Ph.D., Founder and President, New Dimensions Turf*

**Description:** Due to the recent economic recession, sports field managers are facing decreasing or static budgets while expenses and the demand for sports field performance are increasing. This presentation will provide a cost-benefit analysis to compare different strategies for mowing, fertilization, overseeding, core cultivation and other strategies.

**A Campus Moving Towards  
Sustainability****2:45 – 4:15 pm***Speaker: Chris Brindley, Building and Grounds Superintendent, University of Wisconsin – Stevens Point and John Wicker, Associate Director of Athletics – Event and Facility Operations, Washington State University Department of Athletics*

**Description:** UW-Stevens Point is striving to become more sustainable and reduce its carbon footprint. Learn how your facility can implement sustainable practices and develop alternative options to the way it is normally maintained so the carbon footprint can be reduced.

**How Two NFL Organizations  
Approached New Technology in  
Field Surfaces****2:45 – 4:15 pm***Speakers: Nick Fedewa, Assistant Sports Field Manager, SMG Jacksonville/Jaguars and Allen Johnson, CSFM, Fields Manager, Green Bay Packers*

**Description:** Two sports turf managers will discuss their professional experiences with the reconstruction of their fields. The presentation will conclude with how each manager adapted their management style to achieve successful fields.

**Trade Show Demonstration –  
Sports Turfgrasses, Pros and Cons****5:30 pm***Speaker: A.J. Powell, Jr., Ph.D., retired Extension Professor, University of Kentucky*

**Description:** This discussion and demonstration will include both cool and warm





season grass species and their selection depending upon cost, season for establishment and ultimate use, ease of renovation, aesthetics vs. wear tolerance, heat and cold tolerance, etc. This presentation will help one determine the authenticity of advertised claims for turfgrass cultivars as judged by non-biased university research personnel. Grass specimens will be displayed.

## Friday, January 14

### Growing Sod in a Parking Lot

7:00 – 7:15 am

*Speaker: Brad Jakubowski, Adjunct Professor, Doane College*

**Description:** If you have limited or no turfgrass nursery space, learn how to maintain sod in marginal areas such as parking lots and storage pads. Discussion will cover how sod can be maintained for extended time periods on hard surfaces, and the successes and failures that were encountered.

### Research You Can Use: Seedbanking, Seeding Rates, and Increased Nitrogen Fertility

7:15 – 7:30 am

*Speaker: Andrew Hoiberg, Ph.D. Student/Research Associate, Iowa State University*

**Description:** Research at Iowa State University is exploring increased seeding rates, increased fertility rates, and potentiality of Kentucky bluegrass and perennial ryegrass to form transient seedbanks in athletic field situations.

### Sports Turf Injury Research

7:30 – 7:45 a.m.

*Speaker: Tom Serensits, Manager – Center for Sports Surface Research, Penn State University*

**Description:** Numerous studies have been conducted comparing injury rates and types occurring on synthetic turf and natural turfgrass. A summary of these studies will be presented to the audience. The audience will gain an understanding of how injury studies are conducted and how each surface impacts the potential for injury in a variety of sports such as soccer and football.

### Poa annua Control in Warm and Cool Season Turfgrass

8:00 – 10:00 am

*Speaker: James Brosnan, Ph.D., Assistant Professor, University of Tennessee*

**Description:** The basics of annual bluegrass biology will be pre-

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sented to help audience members learn why this weed is so problematic in turf. Using research conducted at University of Tennessee, the presentation will focus on annual bluegrass control strategies for warm- and cool-season athletic fields that integrate cultural practices with chemical applications to provide acceptable control.

### **The Good, the Bad, and the Dirty: Anatomy of an Infield Skin**

**8:00 – 10:00 am**

*Speakers: Paul Zwaska, Technical Sales Support, Beacon Athletics; Grant McKnight, President and Owner, Natural Sand Company, Inc.; and Tom Burns, Senior Sales Representative – Sports Fields and Horticulture, TXI/Diamond Pro*

**Description:** Using a bottom to top approach, an in depth look will be focused on the anatomy and management of infield skins.

### **Turf on the Frozen Tundra – Building Fields for the Green Bay Packers**

**8:00 – 10:00 am**

*Speakers: Ellen Davis, Project Management, Faulks Brothers Construction; Allen Johnson, CSFM, Fields Manager, Green Bay Packers; Andrew McNitt, Ph.D., Associate Professor of Soil Science/Turfgrass, Penn State University; Brian Storm, President/CEO, FIELDS, INC.; David Anderson, Principal, DA Hogan & Associates Inc.*

**Description:** A panel will discuss the renovation and construction of state-of-the-art practice and game-day fields for the Green Bay Packers. Processes, strategies and design considerations for successful field renovation and building will be discussed.

### **Water Reduction 101 – An Audit Competition**

**8:00 – 10:00 am**

*Speakers: Michael Carr, Turf & Irrigation Supervisor, Portland Parks & Recreation and Gordon Kunkle, Turf & Irrigation Management Assistant, Portland Parks & Recreation*

**Description:** Portland Parks & Recreation Irrigation Services along with our four Service Zones found a way to further reduce water consumption in our park system. This session will discuss the value of maintaining your irrigation system on a regular basis, as well as water management and water conservation practices.

### **Sports Turf Diagnostics**

**8:00 – 10:00 am**

*Speaker: Richard White, Ph.D., Professor, Texas A&M University*

**Description:** This presentation will focus on specific steps, tools, resources, documen-

tation and communication needed to effectively deal with any turfgrass related issue or problem. Attendees will understand how to adopt management strategies that minimize limitations to plant health and prevent reoccurrence of such issues or problems in the future while minimizing risk to the environment.

### **Managing Sports Fields in the Transition Zone**

**8:00 – 10:00 am**

*Speakers: Michael Goatley Jr., Ph.D., Associate Professor of Turfgrass Science, Virginia Tech; A.J. Powell, Jr., Ph.D., retired Extension Professor, University of Kentucky; Abby McNeal, CSFM, Director of Turf Management, Wake Forest University Athletics; Martin Kaufman, CSFM, Head Groundsman and Sports Field Manager, Ensworth Schools*

**Description:** This panel discussion will provide sports turf managers with answers to questions about managing turfgrass in the transition zone. Industry experts will discuss pertinent issues, opinions, current research and management considerations that will contribute to improved sports field management.

### **Trade Show Demonstration – Sports Turfgrasses, Pros and Cons**

**11:30 am**

*Speaker: A.J. Powell, Jr., Ph.D.*

**Description:** Repeated from Thursday, January 13, 5:30 p.m.

### **Integrating Seeded Bermudagrasses into a Transition Zone Sports Turf Program**

**2:45 – 3:45 pm**

*Speaker: Michael Richardson, Ph.D., Professor, University of Arkansas*

**Description:** This presentation will cover over a decade of seeded bermudagrass research, including improved cultivars that are available, methods to convert existing fields to seeded bermudagrass, and methods to improve the conditions of existing fields with seeded bermudagrass. The session will present money saving strategies and how playability can be improved by integrating seeded bermudagrasses into the management program.

### **How to be More Efficient and Effective in This Economy**

**2:45 – 3:45 pm**

*Speaker: David Rulli, Manager of Stadium Operations, Jeffco Schools / Jeffco Stadium*

**Description:** This session will examine efficiency in all aspects of our operations.

Participants will learn how to assess the facility's operation for efficiency and effectiveness while maintaining safe and playable fields, and how to adapt money saving techniques into the management program.

### **The First Year of the Philadelphia Union Field**

**2:45 – 3:45 pm**

*Speaker: Jason Bowers, CSFM, Sports Turf Manager, Philadelphia Union*

**Description:** Hear one turf manager's experience with building a field and maintenance shop from scratch. Topics covered will include the challenges of growing Patriot bermudagrass in the Philadelphia area, environmental aspects of being located on the Delaware River, and expectations regarding facility construction.

### **Maximizing Employee Relations**

**2:45 – 3:45 pm**

*Speaker: Lisa Goatley, MS, LPC, Licensed Professional Counselor, New River Valley Community Services*

**Description:** Managing and motivating employees and subordinates can be one of the most challenging parts of being a Sports Turf Manager. In this presentation, attendees will learn specific skills in effective employee relations and people management skills.

### **Your Sports Field from Finance to Maintenance**

**2:45 – 3:45 pm**

*Speaker: Michael Tarantino, Director, Maintenance and Operations, Poway USD*

**Description:** With budgets becoming tighter, this presentation will offer new ideas in funding and field construction. Discussion will include selecting a delivery method, design, field type selection, specification, irrigation selection and turf selection. A case study of a failed project will be discussed to determine why it failed and what has been done to correct the failure.

### **Turfgrass Strategies in a High School Economy**

**2:45 – 3:45 pm**

*Speaker: Kevin Shipman, Grounds Manager, Kingsway Regional School District*

**Description:** As many school budgets decrease, Sports Turf Managers are forced to readjust management practices such as pesticide control, fertilization, and seeding techniques. Learn how to work with these demands by understanding cost-effective methods for fertilizing and pest control,



grass seed applications and amendments, and mowing techniques.

### **New – 9 Roundtables!**

**Friday, January 14, 4:00 – 5:00 pm**

Wrap up your conference education with the most interactive opportunity for learning. Choose from 9 hot topics. Enjoy a reception while you ask your burning questions, meet with speakers from the previous 2 days and your 2010 and 2011 STMA Board of Directors. This is the perfect opportunity to network with your STMA family of peers and solve your toughest problems!

### **Seed Banks, Seed Rates, and Nitrogen Fertility**

*Speakers: Andrew Hoiberg, Ph.D. Student/Research Associate, Iowa State University, and David Minner, Ph.D., Professor, Iowa State University*

**Description:** The discussion will explore increased seeding rates, increased fertility rates, and seedbanks in athletic field situations.

### **Sports Field Diagnostics**

*Speaker: Ross Kurcab, CSFM, Turf Manager, Denver Broncos – INVESCO Field at Mile High*

**Description:** Discuss best practices to diagnose and treat problems on sports fields during this round table discussion. There will be a focus on how to recognize problems, assessing damage and turf recovery potential, and determining the best treatments.

### **Planning for Sustainability**

*Speakers: Mary Owen, Extension Turf Specialist, University of Massachusetts, Amherst, and Chris Brindley, Building and Grounds Superintendent, University of Wisconsin – Stevens Point*

**Description:** During this round table we will lead the discussion and encourage dialogue around the topic of planning for and implementing techniques that lead to sustainability. We will encourage participants to share their experiences, talk about strategies they have implemented, and share their future plans. Attendees will learn from their colleagues about planning for sustainability, as well as identifying and implementing specific strategies and techniques.

### **Getting Involved in STMA**

*Speaker: Troy Smith, CSFM, Practice Facility Turf Manager, Denver Broncos Football Club*

**Description:** This interactive round table discussion will focus on becoming involved with a professional organization to help with education, networking and career enhancement.

### **The CSFM Process Demystified**

*Speakers: Tony Koski, Ph.D., Extension Turf Specialist, Colorado State University and Leah Craig, STMA Manager of Member Programs*

**Description:** Overcome the unknowns of taking the CSFM exam by attending this round table discussion. Information pre-

sented will help the sports turf manager who is entering into the CSFM process to better prepare for the exam including the exam format, question format, and studying/preparation strategies.



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## Lessons Learned Managing a Highly Visible Facility

*Speaker: Bob Campbell, CSFM, Vice President – Customer Relations, Carolina Green Corp.*

**Description:** During this discussion, attendees will be encouraged to share their experiences with changes in the sports turf industry. Sports turf managers will have the opportunity to discuss mistakes they have made and what they learned from them.

## New Fertilizer Technology

*Speaker: Elizabeth Guertal, Ph.D., Professor, Auburn University*

**Description:** During this discussion, attendees will learn about new fertilizers that are on the sports turf market, including slow-release and stabilized nitrogen technologies.

## Women's Forum

*Speaker: Lynda Wightman, Industry Relations Manager, Hunter Industries*

**Description:** This popular forum has been moved from a breakfast networking format to a roundtable to allow for women and others in the industry to discuss personal and professional success strategies.

## Baseball and Softball Infield Management

*Speaker: Paul Zwaska, Technical Sales Support, Beacon Athletics*

**Description:** Industry professionals will talk about the best infield skin management practices and answer your questions.

## Optional Activities

### Seminar on Wheels – 2 days of Tours\*



*Texas A&M & Veterans Park, College Station, TX*

**Tues., Jan. 11, 7:00 am – 3:30 pm**

Board the buses for a 1.5+ hour trip to one of the top NCAA FBS Big 12 Conference sports campuses. The tour will include

stops at the softball, soccer, baseball, outdoor and indoor football practice facilities, indoor track, outdoor track, Kyle Field football stadium and the sizable intramural complex. Veterans Park, College Station's large municipal recreation complex, will also be toured. Lunch and transportation are included.



**Wed., Jan. 12, 7:00 am – 3:30 pm**

*University of Texas – Austin, Round Rock Express, and Old Settlers Park*

Participants will see the unique facilities at the University of Texas-Austin, another NCAA FBS Big 12 conference school. The tour of these facilities will provide a very different experience from the previous day, because all of the fields but one are synthetic. This tour will also go to the Dell Diamond, home of the Round Rock Express, the Triple-A affiliate of the Houston Astros. The third stop for the day is Old Settlers Park, which has many sports fields, including non-traditional fields for Frisbee golf and cricket. Lunch and transportation are included.



### STMA Certification Exam\*

**Tues., Jan. 11, 3:30 – 7:30 pm &**

**Sat., Jan. 15, 8:00 am – 12:00 pm**

Pre-qualification and pre-registration by Dec. 15 is required to take the test at the conference. If you take the test on Tuesday and do not pass, you may be able to retest on those sections on Saturday. To find out if you qualify for the Certification program, contact STMA at 800.323.3875.

### ASBA Certified Field Builder Exam\*

**Sat., Jan. 15, 8:00 am – 1:00 pm**

The American Sports Builders Association (ASBA) offers three certifications for field builders: Certified Field Builder (CFB), Certified Field Builder Natural (CFB-N) and the Certified Field Builder Synthetic (CFB-S), and will be offering these tests during the STMA Conference. To find out if you qualify to take the tests, download the CFB application and CFB eligibility spreadsheet from its website, [www.sportsbuilders.org](http://www.sportsbuilders.org). The deadline to submit your application to test in Austin is Dec. 15. If you have any questions, please contact Cynthia Jordan at ASBA, [cjordan@sportsbuilders.org](mailto:cjordan@sportsbuilders.org) or call 866.501.2722. In addition, those testing must register for the STMA conference, purchasing a one-day conference and education package, at a minimum. See the STMA registration form.

### Chapter Officer Training – for Chapter Board Members

**Tues., Jan. 11, 6:00 – 9:00 pm**

Chapter board members are invited to attend a chapter networking and brainstorming session to address the challenges of strengthening your chapter and your role as a volunteer leader. Dinner is provided. To register, please fill out the back of the registration form.



### SAFE Golf Tournament, Sponsored by Jacobsen, A Textron Company\*

**Wed., Jan. 12, 7:00 am – 4:00 pm**

For the 11th year in a row, Jacobsen is proud to sponsor the annual shotgun fundraising golf tournament, and this year there will be hole in one prizes, including \$10,000 on one hole! This year's event



will be held at the Star Ranch Golf Course (www.starranchgolf.com). Continental breakfast and lunch are included. Proceeds will support the SAFE scholarship, education and research fund. Attendance is limited to the first 120 participants to register. Handicaps must be included on the registration form.

**\*Additional fee and pre-registration required.**

**SAFE**  
The Foundation for Safer Athletic Fields

## WHAT TO DO NEXT?

Now that you've seen what there is to do and realize you have got to be at this must-attend educational event, you need to do several things.

First, go to www.STMA.org. There you will be able to:

- Register for the conference (online registration is available to members only).
- Download the digital brochure
- Download the Conference Registration form

Also, make sure to fill in the form completely, including checkboxes for Annual Meeting and Awards Banquet attendance.

- Make sure and check out the Schedule Builder and Trip Report. Both of these items can help you justify the investment to attend conference to your employer!

Other things you can do to prepare for the STMA Conference and Exhibition:

- Book your airfare. Rates will get higher as the holiday season, and the STMA Conference and Exhibition approach, so book early to get the best rates.
- Book your hotel room at the Austin Hilton, the official hotel of the STMA Conference and Exhibition, at the exclusive rate of \$169 per night. This rate is good through Dec. 20, 2010, so book early because it could sell out. Call 512.482.8000 to make your reservation or go to www.STMA.org to book online.
- Check www.STMA.org often to get the latest information and updates about conference.

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- A Turf, Inc.** 926  
 Williamsville NY  
 A-Turf, Inc. specializes in the sales and installation of both in filled and conventional synthetic grass systems for athletic fields. A-Turf's focus is to provide superior synthetic grass systems combined with exceptional installation and after sales service.  
[www.aturf.com](http://www.aturf.com)
- ACT Global Sports** 1313  
 Austin TX  
 ACT Global Sports is a world leader in product research and advanced manufacturing for synthetic turf. As a FIFA preferred producer for football turf, ACT Global delivers innovation and quality to both sports and landscape turf.  
[www.actglobalsports.com](http://www.actglobalsports.com)
- Advanced Drainage Systems, Inc.** 1408  
 Hilliard OH  
 Leading manufacturer of corrugated polyethylene pipe and related drainage products.  
[www.ads-pipe.com](http://www.ads-pipe.com)
- Aer-Flo, Inc.** 420  
 Bradenton FL  
 Aer-Flo, Inc. manufactures unique sports covers, including patented Wind Weighted® Baseball Tarps and Bench Zone™ Sideline Turf Protectors.  
[www.aerflo.com](http://www.aerflo.com)
- All Seasons Turf Grass** 1133  
 Brookshire TX  
 We grow premium Celebration Bermuda and certified Tifway 419 on a rich sandy loam within minutes of the Houston Market. The company is a family owned sod business that can handle any size project while giving you the personalized service your project deserves.  
[www.allseasonsturf.com](http://www.allseasonsturf.com)
- American Wick Drain Corp.** 1233  
 Monroe NC  
 American Wick Drain is the largest full line producer of geocomposite drains.  
[www.americanwick.com](http://www.americanwick.com)
- Ampac Seed Company** 1125  
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 Ampac Seed grows and markets a complete line of Turfgrass seed continually improving our line through research and development. We feature a green friendly line devoted to drought resistance, salt tolerance, gray leaf spot resistance and color fade resistance.  
[www.ampacseed.com](http://www.ampacseed.com)
- The Andersons** 317  
 Maumee OH  
 The Andersons is the manufacturer of premium granular fertilizers, insecticides and professional grade spreaders. We also feature the dispersing granule carrier DG Pro that gets the active ingredients to the target area first.  
[www.andersonsinc.com](http://www.andersonsinc.com)
- Aquatrols** 1325  
 Paulsboro NJ  
 Products that help to improve and maintain your root zone environment.  
[www.aquatrols.com](http://www.aquatrols.com)
- Artistic Coverings Sports Venue Padding** 1426  
 Cerritos CA  
 Premier manufacturer of stadium wall padding, rail padding, custom solutions for difficult to cover areas. Digital printing of logo and advertising.  
[www.artisticcoverings.com](http://www.artisticcoverings.com)
- AstroTurf** 713  
 Farmingdale NJ  
 The inventor of Synthetic Turf...Reinvented.  
[www.astroturf.com](http://www.astroturf.com)
- Bannerman Limited** 816  
 Rexdale Ontario Canada  
 Aeration equipment, large turf rollers, top-dressing machines, infield groomers, wet and dry liners, overseeding equipment and turf combs.  
[www.sportsturfmagic.com](http://www.sportsturfmagic.com)
- Bare Spot Solutions Grass & Installation** 1506  
 Wharton TX  
 A full service turfgrass sod and sprig production and installation company.
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[www.barespotsolutions.com](http://www.barespotsolutions.com)
- Barenbrug USA** 1017  
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 Barenbrug USA is an Oregon-based grass seed research company, selling turf and forage seed through a wholesale distribution network across the USA.  
[www.barusa.com](http://www.barusa.com)
- Beacon Athletics** 1115  
 Middleton WI  
 Supplies soil amendments, field maintenance equipment, custom netting, padding, windscreens and more.  
[www.beaconathletics.com](http://www.beaconathletics.com)
- Beam Clay/Partac** 521  
 Great Meadows NJ  
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[www.beamclay.com](http://www.beamclay.com)
- BIO Landscape & Maintenance** 1137  
 Houston TX  
 We are a full service landscape contractor providing turnkey landscape services for a range of commercial, multi-family and municipal properties. Services include maintenance, colorscaping, landscape and irrigation installation, and much more.  
[www.biolandscape.com](http://www.biolandscape.com)
- BIO S.I. Technology, LLC** 1514  
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 We have over 15 years experience providing diverse microbial inoculants to sports field managers that are safe, economical and organically certified. Because of their diverse populations of microbes they supply many benefits that include better nutrient uptake, deeper, denser root system, better water utilization and help control disease  
[www.biositechnology.com](http://www.biositechnology.com)
- Broyhill, Inc.** 831  
 Dakota City NE  
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[www.chbaseball.com](http://www.chbaseball.com)

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**Colbond, Inc.** 624  
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**Colorado Lining International, Inc.** 522  
Parker CO  
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**Dakota Peat & Equipment** 217  
East Grand Forks MN  
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**Desso Sports System** 1121  
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- Harper Industries Inc.** 715  
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[www.kissusa.com](http://www.kissusa.com)
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[www.johndeere.com](http://www.johndeere.com)
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- Johnston Seed Company** 401  
Enid OK  
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- Kifco, Inc.** 606  
Havana IL  
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- Kochek Company** 927  
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**Mid America Golf and Landscape** 1311  
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We are a complete athletic facility contractor specializing in site work for natural and synthetic turf fields of all types. We believe that relationship building is as important as the finished product.  
[www.mid-america-golf.com](http://www.mid-america-golf.com)

**Missouri Turf Paint** 1420  
Kansas City MO  
Providers of turf paint, stencils, application equipment and field lining systems.  
[www.missouriturfpaint.com](http://www.missouriturfpaint.com)

**Motz Group, The** 1027  
Cincinnati OH  
Design/build and construction of high performance natural and synthetic turf sports fields.  
[www.themotzgroup.com](http://www.themotzgroup.com)

**Natural Sand Company, Inc.** 1030  
Slippery Rock PA  
Natural Sand features FieldSaver- A custom soil amendment that binds, adds clay and conditions your infield in one step. We also feature your infield mix DuraEdge and DuraPitch Mound clay.  
[www.naturalsand.com](http://www.naturalsand.com)

**Neese Materials** 1414  
Garland TX  
Neese Materials offers a wide selection of sand and gravel products for the golf course and sports field industry. From building a new golf course or sports field to maintaining an existing facility, we can help.  
[www.neesematerials.com](http://www.neesematerials.com)

**Newstripe Inc.** 706  
Aurora CO  
Newstripe is a manufacturer of equipment and stencils to lay out and mark athletic fields walk behind to ride on strippers, dry line markers, drags, groomers and stencils are featured.  
[www.newstripe.com](http://www.newstripe.com)

**Northstar Publishing** 525  
-PRB Magazine  
Medina OH  
We are written for parks and rec directors, staff and managers which mean each article is chock full of common sense solutions to everyday challenges.  
[www.parkandrecbusiness.com](http://www.parkandrecbusiness.com)

**Oakwood Sod Farm, Inc** 1407  
Delmar MD  
Oakwood Sod produces high quality sand based Patriot Bermuda Sod and Sprigs to athletic fields and golf courses in the transition zone.  
[www.oakwoodsod.com](http://www.oakwoodsod.com)

**Peat Inc.** 1306  
Elk River MN  
A unique golf, sports turf and horticulture peat supply company affiliated with Plaisted Companies which allows them to control the quality of the process from peat harvest to final mix.  
[www.peatinc.com](http://www.peatinc.com)

**Pennington Seed, Inc.** 1206  
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Premier grass seed company bringing the best varieties to the sports turf managers for their particular needs.  
[www.penningtonseed.com](http://www.penningtonseed.com)

**Pickseed** 709  
Tangent OR  
As a leading developer of high performance turfgrass for more than 30 years, Pickseed has been committed to high standards of performance that ensure reliable product availability, delivery and support.  
[www.pickseed.com](http://www.pickseed.com)

**Pioneer Athletics** 1221  
Cleveland OH  
The nation's leading developer and manufacturer of natural and synthetic turf field paints, striping machines, and stencils. We work with your field crew to provide the best product and solutions for your field.  
[www.pioneerathletics.com](http://www.pioneerathletics.com)

- Port Industries Inc.** 1416  
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Distribution of drainage and related equipment.  
[www.portindustries.com](http://www.portindustries.com)
- Portafloor by Sport Court International** 1131  
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PortaFloor is the original roll out temporary event flooring. PortaFloor is the most cost effective and fastest way to increase your ROI of your stadium.  
[http://www.sportcourt.com/products-sport\\_court-event\\_flooring.php](http://www.sportcourt.com/products-sport_court-event_flooring.php)
- Precision Laboratories, Inc.** 1037  
Waukegan IL  
Precision Laboratories is a leading provider of specialized chemistries applied to plants, seeds, soil and water to maximize resource and biological performance potential while stewarding the environment.  
[www.precisionlab.com](http://www.precisionlab.com)
- Pro's Choice** 917  
Chicago IL  
Professional groundskeepers look to Pro's Choice sports field products to deliver top performing soil and toners for their fields.  
[www.proschoice1.com](http://www.proschoice1.com)
- Quali-Pro** 711  
Raleigh NC  
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[www.quali-pro.com](http://www.quali-pro.com)
- Rain Bird** 1107  
Tucson AZ  
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[www.rainbird.com](http://www.rainbird.com)
- Redexim-Charterhouse** 201  
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Manufacturer of specialized turf and ground care equipment produced especially for aeration, seeding, topdressing and environmental maintenance.  
[www.redexim.com](http://www.redexim.com)
- Scotts Professional Seed** 1409  
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[www.turf-seed.com](http://www.turf-seed.com)
- Seago Intl./Hayter/Atom/Allen** 1321  
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N.A distributor for specialized turf care and sports turf maintenance equipment including the Atom Professional Edger- perfect, the Hayter Harrier Rotary Striping Mower and a full range of Spyker spreaders.  
[www.seagousa.com](http://www.seagousa.com)
- Seed Research of Oregon** 511  
Corvallis OR  
Performance seed company with a full range of products including bent grass, cool season and warm season turf.  
[www.sroseed.com](http://www.sroseed.com)
- Signature Fencing & Flooring** 1232  
New York NY  
We manufacture turf protection systems for concerts, stadiums, and special events.  
[www.eventdeck.com](http://www.eventdeck.com)
- Smithco Inc.** 515  
Wayne PA  
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[www.smithco.com](http://www.smithco.com)
- Sod Solutions Inc.** 1307  
Mt. Pleasant SC  
Researching, developing and promoting improved turfgrass varieties worldwide.  
[www.sodsolutions.com](http://www.sodsolutions.com)
- Southern Athletic Fields, Inc.** 821  
Columbia TN  
Southern Athletic Field, Inc. is a supplier of quality infield mixes, mound clays, clay bricks, calcined clays and warning track materials as well as innovative field accessories.  
[www.mulemix.com](http://www.mulemix.com)
- SportsEdge** 1314  
Troutman NC  
Manufacturer/supplier of surface and sub-surface drain systems, football goals, soccer goals, and track equipment.  
[www.sportsedge.com](http://www.sportsedge.com)
- Sportsfield Management Magazine - Moose River Media** 1422  
St. Johnsbury VT  
We are a monthly trade publication for field care professionals managing playing fields nationwide. Subscriptions are free to qualified subscribers.  
[www.sportsfieldmanagementmagazine.com](http://www.sportsfieldmanagementmagazine.com)
- Sportsfield Specialties** 323  
Delhi NY  
Since 1998 we have been the innovative industry leader in the sale and manufacture of sports construction equipment. We continue to meet the demands of modern sports construction through innovative design and state-of-the-art manufacturing.  
[www.sportsfieldspecialties.com](http://www.sportsfieldspecialties.com)
- SportsTurf Magazine (Green Media)** 1406  
Chicago, IL  
SportsTurf is the official magazine of the sports turf managers association. BPA-audited and appearing monthly, SportsTurf is the industry's leading source of news and information for sports fields and facilities manager.  
[www.stma.org](http://www.stma.org)
- Sports Field, Inc** 1036  
Canton GA  
We are a sports field construction and design firm specializing in all sports and hardscape construction for both synthetic and natural grasses.  
[www.fields-inc.com](http://www.fields-inc.com)
- Sprinturf Inc.** 1038  
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The only vertically intergraded polyethylene synthetic turf manufacturer in North America. Full capabilities include fiber extension, turfing, coating, sales and installation.  
[www.sprinturf.com](http://www.sprinturf.com)
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Phoenix AZ  
Infield mixes, mound mixes, custom blends. Worldwide stabilization products.  
[www.stabilizersolutions.com](http://www.stabilizersolutions.com)
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Sandy Spring SC  
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[www.stecequipment.com](http://www.stecequipment.com)



**SubAir Systems** 722  
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SubAir Sport aeration and moisture removal system promotes healthier, stronger playing surfaces through moisture content management, subsurface aeration, and root temperature control.  
[www.subairsystems.com](http://www.subairsystems.com)

**Syngenta Professional Products** 707  
Raleigh NC  
Syngenta is the leading manufacturer of fungicides, herbicides, and insecticides and plant growth regulators.  
[www.syngentaprofessional-products.com](http://www.syngentaprofessional-products.com)

**Synthetic Turf Council** 608  
Atlanta GA  
Association representing builders, manufacturers, suppliers, consultants, designers and service companies in the syn-

thetic turf industry.  
[www.syntheticurfCouncil.org](http://www.syntheticurfCouncil.org)

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[www.terraplasusa.com](http://www.terraplasusa.com)

**Tif Sport Growers Association** 720  
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We will be promoting our TifSport Bermuda-grass at the STMA show. A premier bermudagrass that's ideal for sports fields of all stripes – football, baseball, softball and soccer.  
[www.tifsport.com](http://www.tifsport.com)

**TigerTurf** 609  
Austin TX  
One of the world's largest synthetic turf manufacturers with

operations in the U.S., United Kingdom, Australia and New Zealand. Develops, manufactures and markets turf for sport and landscape applications for North and Latin America.  
[www.tigerturfworld.com](http://www.tigerturfworld.com)

**Titan** 1215  
Plymouth MN  
Titan Speeflo Powrliners are built for dependable, precision performance-delivering crisp, clean lines that a conventional air spray or aerosol system cannot accomplish. Titan offers the best and longest warranty in the industry.  
[www.titantool.com](http://www.titantool.com)

**Toro Company** 807  
Bloomington MN  
The Toro Company is a leading worldwide provider of turf maintenance equipment and precision irrigation systems. Toro has built a tradition of world-class service, innovation and turf expertise to help customers' care for sports fields, public green spaces, golf courses, commercial and residential properties, and agricultural fields.  
[www.toro.com](http://www.toro.com)

**Tri-Tex Grass** 1417  
Granbury TX  
Tri-Tex Grass is a warm season sod supplier. Tri-Tex specializes in high quality ready-to-play turf for sports fields and golf courses.  
[www.tritexgrass.com](http://www.tritexgrass.com)

**Turf and Dirt** 1213  
Hagerstown, MD  
Athletic field supplies and services.  
[www.turfanddirt.com](http://www.turfanddirt.com)

**Turf Sewing Machines** 931  
Newark NJ  
TSM manufactures sewing machines to sew synthetic turf fields. In addition, we stock all tools, supplies and offer same day repair services.  
[www.turfsewingmachines.com](http://www.turfsewingmachines.com)

**Turf Time Equipment, LLC/JRM** 500  
York PA  
TurfTime Equipment LLC manufactures 5 sizes of top dresser, 4 sizes of verticut/dethatcher, and 4 sizes of smooth rollers.  
[www.turftimeeq.com](http://www.turftimeeq.com)

**TurfSurface Athletics** 1031  
Buffalo Grove IL  
TurfSurface Athletics is the leader in sports field maintenance, providing the industry's best products to solve and prevent field maintenance problems. Our products are the number one choice among groundskeepers. The complete line of TurfSurface products has superior absorption and drainage to help fight compaction and create safe playing surfaces at all levels.  
[www.turfSurface.com](http://www.turfSurface.com)

**Turfco** 1120  
Blaine MN  
Turfco is the leader in innovative sports turf renovation equipment.  
[www.turfco.com](http://www.turfco.com)

**Turf-Tec International** 1510  
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We manufacture diagnostic tools for treating the soil, water, PH and moisture.  
[www.turf-tec.com](http://www.turf-tec.com)

**Underhill** 607  
Lake Forest CA  
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**University of Georgia Ctr. For Continuing Ed.** 1413  
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[www.terraspikeusa.com](http://www.terraspikeusa.com)

**Wood Bay Turf Technologies** 611  
 Edmonton Alberta Canada  
 The world's largest supplier of tungsten carbide verti-cut blades. Manufacturer of the FDS 9200 turf dethatcher.  
[www.woodbayturftech.com](http://www.woodbayturftech.com)

**World Class Athletic Surfaces** 921  
 Leland MS  
 The world's premier manufacturer of quality field marking paints. We create custom stencils for field logos.  
[www.worldclasspaints.com](http://www.worldclasspaints.com)

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[www.georgiacenter.uga.edu/turf](http://www.georgiacenter.uga.edu/turf)

**Valent Professional Products** 1127  
 Fall River MA  
 Valent is a leading crop protection firm serving the agricultural and non-crop products markets in North America.  
[www.valent.com](http://www.valent.com)

**Varicore Technologies** 1224  
 Prinsburg MN  
 The premier name in synthetic and natural

turf drainage.  
[www.varicore.com](http://www.varicore.com)

**Waupaca Sand & Solutions** 1410  
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 Precision blending of rootzone media and infield mixes. Manufacturer of Sur-Hop Infield Mix and Sur-Hop Red Mound Clay.  
[www.waupacasand.com](http://www.waupacasand.com)

**Whitlam Paint Company** 610  
 Wadsworth OH  
 Whitlam specializes in environmentally friendly athletic coatings and accessories

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# Products you can see at STMA Conference

## New Deere walking greens mower

For 2011, John Deere is proud to announce the launch of the PrecisionCut Walk Greens Mower line up featuring the patented Speed Link Height of Cut system, which decreases the time for adjusting heights of cut. Additionally, the new mowers have an optional brush attachment located in front of the grass catcher to stand the grass up prior to cutting, improving cut quality and increasing striping performance. The 180SL, 220SL, 260SL models compliment the brand's existing Quick Adjust cutting units and position John Deere as the leader in cutting unit technology.

[www.johndeere.com](http://www.johndeere.com)



## Two new cold weather installation adhesives

Two new one-part, urethane adhesives for cold weather installations are offered by Synthetic Surfaces Inc. Norris Legue says the faster and higher green strength (high grab) development of NORDOT Adhesives #34P and #34N-4 helps offset the normal curing slow down of all adhesives as temperatures drop. Their high grab and holding properties before cure (still green) help avoid variable weather-related problems such as surface expansion and contraction; wind lift; and turf curl from "roll memory." The products do not solidify in their containers nor become too thick to spread in cold weather and are usable throughout winter in areas where there is no ice or snow on the ground. Also usable for quick repairs.

[www.nordot.com](http://www.nordot.com)

## Brite Striper 3000 SP

The new Pioneer Athletics Brite Striper 3000 SP is a self-propelled airless striping machine; featuring a break-through belt-and-chain drive system, an optional 15-gallon hopper, and a 5.5 hp Honda engine. The Brite Striper 3000 SP uses a high-pressure pump with adjustable pressure from 0-3,000 psi and can be used on both natural and synthetic turf surfaces, but is versatile enough to stripe parking lots or paint large areas. The electrical clutch system pump engagement maximizes the life of the pump and allows the user to easily adjust pressure.

[www.pioneerathletics.com](http://www.pioneerathletics.com)



## Beacon Field Mark system

Take the hassles out of using a tape measure and batter's box templates every time you mark the field. Permanent Field Marks reduce marking time. Placed at the perfect depth with the installation tool, they remain noticeable when marking but won't interfere with play. Mark corners of the batter's box, defining edge of baselines/foul lines, soccer goal corners, end zone and football field edges.

[www.beaconathletics.com](http://www.beaconathletics.com)



## Hydraway 2000 Drainage System

The Hydraway 2000 Drainage System solved drainage issues at the Toronto Blue Jays' spring training facilities in Dunedin, FL. Assistant head groundskeeper Matt Johnson for the Blue Jays' Florida operations stopped by the Hydraway booth at the 2010 STMA Conference and inquired about the system. In April he contracted with Munie Green Care to install Hydraway on one of the practice fields. Matt informed us that they had 2 weeks this summer where they received more than 14 inches of rain each week and the field that had Hydraway installed was playable and drained as expected. Previously this field was not playable for days after a 2-inch rain. The Blue Jays installed another Hydraway system last month in another field because the first one performed so well, Johnson said.

[www.hydraway.net](http://www.hydraway.net)





## StabilizerBallyardClay

Do more with less. You have heard the term, but the player's performance reflects directly on your reputation. Don't compromise. Regular old mound clay is simply dug out of the ground and packaged. StabilizerBallyardClay is a manufactured blend of clay, interlocking soil particles, and Stabilizer. No longer will your mound turn to mud. This stabilized mound clay is designed to manage moisture for you, remaining stable during rain events and holding onto water longer in dry periods. StabilizerBallyardClay is ready to pack out of the bag, so you don't have to sacrifice player performance for time or budget.

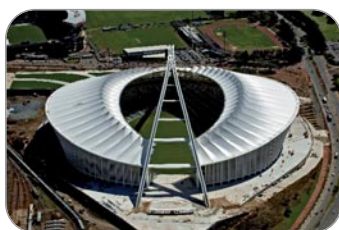
[www.stabilizersolutions.com](http://www.stabilizersolutions.com)



## New Gulp syringe de-watering pump

Underhill introduces the Gulp Syringe Ultra, latest addition to the company's Gulp line of de-watering pumps for turf and landscape areas. The series' most compact model can be used for multiple tasks, including: water removal from sprinklers or valve boxes; spa and fountain clean-out; and plumbing or pipe repair. It features a 12-inch clear plastic chamber and pumps up to 12 ounces per stroke. Like all Gulp pumps, the Syringe Ultra is constructed from heavy-duty, corrosion-proof materials and has a stainless steel shaft for reliable performance. The pump chamber is so strong it can withstand damage from accidental "run-overs" by carts or trucks. The pump is also self-priming and easy to clean. Inlet and exit caps twist off for rinsing and the dual wiper seal can be replaced.

[www.underhill.us](http://www.underhill.us)



## TifSport Bermudagrass

There are many excellent reasons why certified TifSport Bermudagrass was the grass of choice for Moses Mabhida Stadium for the 2010 World Cup Soccer matches in Durban, South Africa. For starters, TifSport's turf quality, turf density and turf strength all help it recover quite rapidly from injury and stress. In addition to superior color, cold hardiness and disease resistance, TifSport handles frequent, lower mowing heights and heavy overseeding exceedingly well. TifSport can only be sold as certified sod or sprigs, and only by licensed members of the TifSport Growers Association.

[www.tifsport.com](http://www.tifsport.com)



## Cub Cadet Commercial's TANK S LP

Cub Cadet Commercial is giving green industry professionals another option for fuel efficiency with the TANK S LP. Powered by either an 852 or 999cc Kawasaki engine, the TANK S LP offers reduced emissions and fuel costs while giving users the same high-performance found in all TANK S units. The benefits of liquid propane extend far beyond reduced emissions as lawn care professionals will also enjoy longer engine life, longer run times and less engine maintenance. Additionally, the TANK S LP meets all current EPA and CARB emissions standards making it the perfect energy efficient solution.

[www.CubCadetCommercial.com](http://www.CubCadetCommercial.com)



## Pitching Rubber Inserts

Southern Athletic Fields has introduced pitching rubber inserts, an innovative design that can be used with Aluminum or Plastic Tube Four Sided Pitching Rubbers and that allows for no "bubbling" or "buckling" and creates a smooth flat surface season after season. Product tested on Division I college fields and maximizes the life of pitching rubber to allow for all four sides to be used. Consists of five pieces that fit both the aluminum and plastic tube; three synthetic material pieces, milled to properly fit the required pitching rubber tube; and two PVC pieces that are used as filler between the synthetic materials. Product is for Official size pitching rubbers, 6" x 24" only.

[www.mulemix.com](http://www.mulemix.com)



## New aerator sizes from TurfTime

TurfTime Equipment introduces 5 new sizes of aerators ranging from 36 to 96 inches. The new design enables the use of both slicing and coring tines. Standard gauge roller comes with slicing tines and ballast tank. These machines carry a 5-year limited warranty. Optional wheel lift kits are also available.

[www.TurfTimeEq.com](http://www.TurfTimeEq.com)



## New Talstar XTRA eliminates fire ants in record time

FMC Professional Solutions has launched Talstar XTRA granular insecticide. For sports turf professionals, this means quick and long-term control of a wide range of surface feeding pests, including the red imported fire ant. "When used as directed, Talstar XTRA eliminates fire ant colonies in four hours or less, often in as little as minutes," said Adam Manwarren, FMC product manager for turf and ornamental products. "This means dangerous fire ants can be eliminated from athletic fields quickly. You can treat in the morning and play ball that afternoon, which is impressive since other products take days or weeks to work." Talstar XTRA is labeled for use against most ants, chinch bugs, fleas, ticks, mole crickets, crane flies and many other pests.

[www.fmcprosolutions.com](http://www.fmcprosolutions.com)



## STEC Equipment now selling ROTADAIRON

STEC is proud to welcome the legendary ROTADAIRON line to our line of specialized turf equipment. We will offer the entire range of turf products, including stone buriers, soil renovators, seeders, verticutters, and more. The ROTADAIRON Soil Renovators come in several models, from Compact to Super Heavy Duty, and everything in between. The ROTADAIRON Soil Renovator comes in models suited for tractors from 12-280hp, with working widths from 30" up to 158", and depths up to 10". It also comes in models to fit skid steer, and mini skid steer units.

[www.steequipment.com](http://www.steequipment.com)



## Pro League Heritage Red new from Turface Athletics

Turface Athletics introduces an exclusive new color to its popular lineup of infield conditioners called Pro League Heritage Red. The new color is a classic, rich cherry wood for skinned infields, while offering the same optimum moisture management professional groundskeepers have come to expect from Turface Pro League. The newest product provides excellent ball visibility, and the rich color is consistent on both wet and dry infields. It remains uniform throughout the game. Already being used on a number of Major League Baseball fields, Heritage Red is now available to turn any field into a signature diamond. The new color effectively matches many darker infield mixes and can be pre-blended into an infield mix or used as a topdressing.

[www.profileproducts.com](http://www.profileproducts.com)

## SafeMark field layout system

Newstripe's SafeMark field layout system is the safest way to layout any athletic field and never have to measure again. There are no holes to catch cleats or plugs to trip over. Key layout points are measured out and the UV protected high-density foam locators are installed flush with the ground. The unique locators have no holes or plugs and are held permanently in place eliminating the need to re-measure each time the field is striped. The SafeMark locators match the surrounding turf density so they can be safely used even in the field of play. The locators can't be stolen, destroyed by aerators, vehicles or rust from sprinklers. Backed by a 36-month warranty, each SafeMark set comes complete with layout spikes, 600' of cord and the installation auger.

[www.newstripe.com](http://www.newstripe.com)



## New Kochek high-volume nozzle

Kochek's New NZ015-HV High Volume Nozzle provides flow at 100 GPM (using a 1" hose). Our high volume "jump" nozzles provide a 20-60 GPM flow rate, allowing selective water distribution for turf and infields. It comes equipped with the "JUMP" feature, providing a stream (at 60 GPM) or fog (at 20 GPM), making it the most versatile of all the "JUMP" nozzles. For the best results, use with 1" hose or larger. Kochek NZ027 Adjustable Fan Stream Nozzle, 1" NPSH and comes with a Reducer Bushing for 3/4" GHT: this Adjustable Fan Stream Nozzle (1" or 3/4" Hose) allows you to apply the widest fan or adjust to a smooth-bore stream reaching distances of up to 80 feet.

[www.kochek.com](http://www.kochek.com)





## Kiscutter sod cutter to the sports turf market

Turfco now offers the Kiscutter Sod Cutter to sports turf managers. Lighter in weight, the simple-to-use Kiscutter weighs only 140 pounds. An inexpensive option, it is easier to operate and transport than traditional sod cutters. Four-wheel design, pneumatic tires and a rear-wheel drive are some features making it easier to operate and transport. It also features a 5.5 hp Honda engine, which can cut up to 150 feet per minute, but produces lower vibration reducing operator fatigue. Easier to understand than any other sod cutter on the market, operators just have to set the depth adjustment and then run simplified controls on the handle bar. Additionally, lightweight folding handles result in easy lifting, hauling and storage.

[www.turfco.com](http://www.turfco.com)



## STEC now distributing TRILO products

STEC Equipment has announced that they will handle North American Distribution for TRILO professional outdoor clean up equipment. With a complete range of Blowers, Verticutters, and Vacuums, STEC has a TRILO to fit any need. The TRILO SG400 is a versatile turf vacuum with many options and features. With over a 5 cubic yard capacity, 33" fan, 80" tipping height, and turf tires, the TRILO makes clean up and collection a breeze. The options include: Verticutting head, so you can verticut and collect in ONE PASS. Hand Held Hose, for clean up around tight areas. Flail mower head, for simultaneous cutting and collection. Gully brush, for curbs and walls. The SG400 truly is a multi-function tool.

[www.stecequipment.com](http://www.stecequipment.com)



## Renown fungicide receives registration for use on sports turf

Renown fungicide, a broad-spectrum product from Syngenta, has received EPA registration for use on professional turf sites. It is the only product to contain the active ingredients found in both Heritage and Daconil fungicides. By combining proprietary azoxystrobin from Syngenta and finely milled chlorothalonil, Renown provides both systemic and contact modes of action. Its preventive and curative properties help control key plant diseases including dollar spot, brown patch, gray leaf spot, algae, anthracnose and more. Renown is not currently registered for sale or use in all states. Please check with your state or local extension service before buying or using this product.

[www.syngenta.com](http://www.syngenta.com)

## Chapter Highlights

### Iowa Chapter: Part of a Larger Network of Industry Professionals

**THE IOWA STMA CHAPTER** knows how to share. ISTMA shares office space and an



Dr. Dave Minner of Iowa State, a national turfgrass industry leader.

Executive Director with a group of green industry organizations. Executive Director Jeff Wendel, CGCS, manages the Iowa Turfgrass Institute (ITI), The Iowa Golf Course Superintendents Association (IGCSA) and the Iowa Professional Lawn Care Association (IPLCA), in addition to the Iowa STMA. The ITI is considered an umbrella organization that fosters research, education, and the dissemination of information on turfgrass.

This unique arrangement with one Executive Director allows these organizations to have professional management with phone and email contact during business hours. None could afford full-time staffing on an individual basis.

According to Wendel, managing all of these organizations is effective, especially in designing the annual Iowa Turfgrass Conference program. "Having a good understanding of how these professions are similar, and how they are different helps us really develop education for each group. We can also efficiently use speakers," says Wendel. Another economy is in using the same membership database program. ITI owns the program and Wendel is able to easily keep track of each organization's membership.

The groups share a website, [www.iowaturfgrass.org](http://www.iowaturfgrass.org). Check it out to see a great model of collaboration. ■