



GET ON TRACK with STMA at the 24th Conference and Exhibition in Daytona Beach!

STMA heads to Daytona Beach,

Florida from Jan. 15-18, 2013 for the 24th Annual STMA Conference and Exhibition. The “World Center of Racing”, as Daytona Beach is known, welcomes millions of visitors every year to its varied attractions, sporting venues, restaurants, and 23 miles of beaches. Just an hour’s drive to the greater Orlando area, Daytona has found its success as a year-round tourist destination because of its temperate climate, proximity to other popular Florida cities, and hosting of locations and activities of interest that are unique to the area including the Daytona International Speedway, Florida Tennis Center, Ladies Professional Golf Association International (featuring two championship courses, The Legends and The Champions), Tomoka State Park, and Halifax Harbor Marina.

As STMA celebrates 31 years as the premier non-profit association for the men and women who manage athletic fields, it invests – more than ever – in its educational mission with the introduction of the STMA Academy and addition of several new tracks. The Academy was born out of member re-

quests for deeper educational opportunities pre and post conference; all sessions offer higher-level learning opportunities in hands-on, interactive workshop settings that can be built upon at future conferences and are included in the full registration price. Additionally, the total number of educational tracks available now at conference totals 11, up from nine in 2012; the addition of these two tracks raises both the number of sessions (up to 72 in 2013 from 64 in 2012) and the number of speakers (up to 74 in 2013 from 55 in 2012) for an even richer,

well-rounded experience. More than ever before, all conference attendees will be able to professionally capitalize on and benefit from the opportunities provided at the STMA conference.

The Exposition and Trade Show also provides excellent opportunities for networking with both STMA commercial members and leading industry vendors. Make sure and check out page 30 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

The annual conference and exhibition in Daytona Beach has it all...Sessions. Sun. Seminars. Networking. Demonstrations. Ocean. Workshops. Expo. Beach...Everything you need in one location for the ultimate learning event of the year!

STMA REGISTRATION

TUES. JAN. 15 — 6:30 am - 6:30 pm
Hilton South Tower first floor lobby

WED., JAN. 16 — 7 am - 6:30 pm
Ocean Center

THURS., JAN. 17 — 7 am - 6:30 pm
Ocean Center

FRI., JAN. 18 — 7 am - 1 pm
Ocean Center

WHAT THE CONFERENCE INCLUDES:

- ⊙ All education sessions plus pre and post workshops inclusive of STMA Academy
- ⊙ More than 90 hours of education
- ⊙ Breakfasts & most lunches
- ⊙ Reception and Awards Banquet



SCHEDULE AT A GLANCE

TUES., JAN. 15

- 6:30 - 7:30 am** Continental Breakfast
- 6:30 am - 6:30 pm** Registration Open at Hilton
- 7 am - 5 pm** Full Day Seminar on Wheels*
- 11:00 am - 5 pm** SAFE Golf Tournament* **NEW DAY & TIME!**
- 1 - 5 pm** Half Day Seminar on Wheels*
- 2:30 - 5 pm** Academy-400 level education, certificate of completion, included in full conference price+ **NEW!**
- 3:30 - 7:30 pm** STMA Certification Exam*
- 6 - 9 pm** Chapter Officer Training (includes dinner)+

WED., JAN. 16

- 7 - 7:55 am** Women's Forum Breakfast
- 7 - 8 am** Continental Breakfast
- 7 am - 6:30 pm** Registration Open at Ocean Center
- 8 am - 12 pm** Conference Education (15 technical sessions)
- 1:30 - 2 pm** First Timers Reception
- 2 - 5 pm** Conference Education (7 in-depth sessions)
- 5:15 - 6:15 pm** Conference Networking Sessions
- 6:30 - 7:30 pm** Keynote Address: Ian Hill, internationally known speaker who inspires change **NEW DAY & TIME!**
- 7:30 - 10:30 pm** Welcome Reception & Casino Night^

THURS., JAN. 17

- 6:45 - 7:45 am** Certification Breakfast
- 7 - 8 am** Continental Breakfast
- 7 am - 6:30 pm** Registration Open at Ocean Center
- 8 am - 12 pm** Conference Education (21 technical sessions)
- 12 - 1:15 pm** Annual Meeting & Lunch
- 1:30 - 7 pm** STMA Exhibition with heavy hors d'oeuvres
- 2 - 6 pm** Committee meetings on the trade show floor **NEW TIME!**

FRI., JAN. 18

- 7 - 8 am** Continental Breakfast
- 7 - 8 am** Past President's Breakfast
- 7 am - 1 pm** Registration Open at Ocean Center
- 8 - 10:15 am** Conference Education (15 sessions)
- 8 - 10:30 am** Student Challenge
- 9 - 10 am** Commercial Member Meeting
- 10 am - 1 pm** Exhibition Open with Lunch, Innovative Sessions, Race Car Driver Autographs & Simulator
- 1:15 - 2:30 pm** Closing General Session with Dr. Michael Mann, climatologist - winner of the Nobel Peace Prize **NEW!**
- 2:45 - 5 pm** Academy-400 level education, certificate of completion, included in full conference price+ **NEW!**
- 6:30 - 10 pm** STMA Reception, Live Auction and Awards Banquet

SAT., JAN. 19

- 8 am - 12 pm** STMA Certification Exam*
- 8 am - 1 pm** ASBA Certification Exam*

*Preregistration and additional fee required
 +Preregistration required
 ^ Additional fee required

STMA Networking Sessions

Wed., Jan. 16, 5:15 - 6:15 pm

Meet with your peers during this formalized networking session. Each category of membership meets separately to share issues and practical solutions.

Welcome Reception & Casino Night

Wed., Jan. 16, 7:30 - 10:30 pm

A must attend networking event! Enjoy heavy hors d'oeuvres and beverages courtesy of Welcome Reception sponsors Toro and Covermaster. For those who wish to gamble, there is a separate area for Casino Night and an additional fee to participate. All proceeds benefit the SAFE Foundation.

Annual Meeting & Lunch

(Members Only, Registration Required)

Thurs., Jan. 17, 12 - 1:15 pm

All members are invited to enjoy lunch, hear about STMA's progress and meet your new Board of Directors.

Support SAFE



SAFE GOLF TOURNAMENT

Tues., Jan. 15, 11:00 am - 5 pm

The SAFE Golf Tournament will be held at LPGA International, with two world-class four-star courses as rated by Golf Digest. The scramble format tournament will be played on the Arthur Hills Legends Course. The par-72 layout is a classic at 6,984 yards. It features wetlands, narrow pine corridors, small greens and strategically placed water hazards. Transportation, lunch, and prizes included.

SAFE CASINO NIGHT

Wed., Jan. 16, 8:30 pm

Gamble for a good cause! Set within the Welcome Reception, Casino Night is a fee-based event. There is no charge

to attend the Welcome Reception.

SILENT AUCTION

Thurs., Jan. 17 & Fri., Jan 18

Held during the exposition. Take home some great bargains. New items daily!

LIVE AUCTION

Fri., Jan. 18, 6:30 - 7 pm

Get some great technology, travel and gift items for great prices!

RAFFLES

Buy raffle tickets throughout the conference for a chance to win exciting items. The drawing will take place at the beginning of the Awards banquet (need not be present to win).

**Last year's activities raised \$27,500.
 This year's goal: \$35,000
 STMA's charity, SAFE, will be holding many
 activities to raise funds
 for scholarship, education**

Opening General Session

New Time!

Wed., Jan. 16, 6:30 - 7:30 pm

(At the conclusion, attendees go directly to the Welcome Reception)



IAN HILL

Humanitarian, Business Leader, Award Winning Philanthropist; these are some of the words that are often used when referring to Ian Hill. Whether running a multi-million dollar business operation with more than 1,000 employees, or spearheading first of their kind life-changing community projects, Ian Hill has been recognized for being a catalyst for positive change throughout the globe.

Closing General Session

NEW this YEAR

Fri., Jan 18, 1:15 - 2:30 pm

(Immediately following lunch and the close of the Trade Show)



DR. MICHAEL MANN

Author of *The Hockey Stick* and *the Climate Wars: Dispatches from the Front Lines* and winner of the Nobel Peace Prize, shared with other members of the Intergovernmental Panel on Climate Change. Dr. Mann is also a co-founder and avid contributor to the award-winning science website RealClimate.org.



STMA Academy

Tues., Jan. 15, 2:30 - 5 pm and Fri.,
Jan. 18, 2:45 - 5 pm

See pg. 12 for details.

STMA Exposition - NEW HOURS

Thurs., Jan. 17 1:30 - 7 pm (Reception)



MIKE SKINNER

Fri., Jan. 18 10 am - 1 pm

(On the show floor - Innovative Sessions, Race Car Simulator, Race Car Driver Mike Skinner is signing Autographs, and a Pace Car) Mike Skinner has a storied career with NASCAR winning dozens of races. He raced for Gene Petty, Richard Childress Racing and filled in for teammate Dale Earnhardt when Earnhardt was recovering from injuries. He is currently the only Toyota driver to run every truck event since its entry into NASCAR. Skinner also created a charity and assists various drivers and teams as a Driver Coach to mentor young talent to fulfill the dream he discovered in the sport of NASCAR racing.

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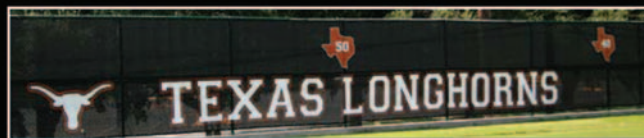
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STMA CONFERENCE AND EXHIBITION SPONSORS

STMA and SAFE greatly appreciate the support and commitment of our conference sponsors. Please take a moment and thank these companies in the exhibition!



Annual Awards Reception and Banquet

Fri., Jan. 18, 6:30 - 10 pm

Enjoy excellent food and beverage while helping to honor STMA's award winners. Registration Required. Coat and tie preferred.

INTRODUCING THE STMA ACADEMY!



- Pre & Post Conference Workshops
- Members asked for high level education and the Academy delivers it.
- Academy sessions:
- Offer high level learning opportunities;
- Result in a Certificate of Completion;
- Advance each year, adding the next higher level of education (400 level in 2013; 500 level in 2014, etc.);

Are included in the full conference registration price

TUESDAY, JAN. 15

2:30 - 5 pm - Choose One

STMA 400 - Hire the Best ... But Know How to Fire Them Just in Case

Speaker: Patrick D. McGuinness

This workshop will cover how to hire the best employees for your facility and how to handle problem employees. From job postings to on-boarding, learn how to effectively and legally set up a hiring process that will bring the best and brightest job applicants to your operation. In addition, learn how to use employee handbooks for documentation purposes.

STMA 401 - Performance Quality Standards - How Good is your Playing Surface?

Speaker: Ian Lacy

This presentation will allow the sports field manager to be able to measure the qual-

ity of the playing surface using a set of objective criteria. The assessment evaluates structural, playing, and presentation standards using the following criteria: soil type, particle size distribution, pH, grass type, infiltration rate, hardness of surface, traction, ball bounce or roll where applicable.

STMA 402 - Meteorology: Understanding Weather and Climate

Speaker: Brad Jakubowski

Turf managers can make better management decisions and provide consistent field conditions by better understanding weather patterns and concepts. This interactive seminar introduces fundamental weather concepts and provides turf managers with the tools to interpret daily weather reports, maps, and forecasts.

FRIDAY, JAN. 18

2:45 - 5 pm - Choose One

STMA 403 - Breeding, Development, and Production of Cool-Season Turfgrasses

Speaker: Leah A. Brillman, Ph.D.

This presentation will discuss the process of breeding different species and specific development strategies for varieties adapted to athletic surfaces. The session will also cover how to understand trial data, selection of cultivars that will meet specific needs, and how to read seed tags to ensure you are getting the desired product.

STMA 404 - Common Diseases of Sports Turf

Speaker: Mike Fidanza, Ph.D.

The presentation will cover guidelines and methods to identify common diseases of sports turf, as well as current strategies to manage turfgrass diseases.

STMA 405 - Best Management Practices to Increase Tolerance to Pests and Stress

Speaker: Mary Owen

Sports field managers are challenged to provide safe, quality playing surfaces while

dealing with limited budgets and restrictions on the use of pesticides, particularly on school and municipal properties. This presentation will address the use of Best Management Practices (BMPs) as a means of preventing and targeting specific cool season turfgrass insect, weed, and disease pests as well as abiotic stressors.

STMA 406 - Turf Equipment Care and Maintenance

Speaker: Carl Osterhaus, CSM

This presentation will cover the many important aspects of Turf Equipment Care and Maintenance, which technicians can use to ensure that their equipment provides them with the longest and most productive service life.

STMA 407 - Strengths-Based Leadership and Followership

Speakers: Eric K. Kaufman Ph.D., Richard J. Rateau, Ph.D.

This interactive workshop will help participants identify their personal areas of talent and develop a plan for transforming those talents into strengths. In addition, participants will explore the four domains of leadership strength and the four basic needs of followers.

STMA 408 - Managing Turfgrass Soil Physical Properties

Speaker: Andrew S. McNitt, Ph.D.

This presentation will explore the difference in management practices and approaches when managing a native soil sports field versus a high-sand sports field rootzone. Practices for both rootzones will be discussed.

2013 CONFERENCE EDUCATION

The STMA Conference Education Committee has chosen a wide array of topics to meet the needs of sports turf professionals. Sessions are categorized by track: Industry Developments, Professional Development, Facility Management, Agronomic, Synthetic, Water, Sustainability, Baseball, Pest Control, Construction, and Research. Follow a track that best suits your needs, or participate across educational tracks for a well-rounded experience. The full education schedule with session descriptions and times can be found at (electronic brochure address/ STMA website).

INDUSTRY DEVELOPMENTS

Wednesday, January 16

Looking for the latest innovative solutions to improve your field?

Ten of STMA's commercial companies will give five minute presentations highlighting the benefits of a new or improved product or service being offered to sports turf professionals. Attend STMA 100 – New Trends and Technology in Sports Turf from 8:00 a.m. – 9:00 a.m.

Thursday, January 17

9:15 a.m. – 10:15 a.m.

STMA 211 - Theory and Application of Technology for the Sports Field Manager

J. Tim Vanini, Ph.D., Matt Anderson, CSFM

Friday, January 18

Innovative Session

4-5 p.m.

STMA 221 - Florida Sun: Friend or Foe

Christopher Windham, MD

10:00 a.m.

STMA 314 - Performance Testing of Sport Fields: Current and Future

Robert Carrow, Ph.D.; Joined by Gerald Henry, Ph.D. and Van Cline, Ph.D.

PROFESSIONAL DEVELOPMENT

Tuesday, January 15

STMA Academy — NEW

2:30 p.m. – 5:00 p.m.

STMA 400 - Hire the Best... But Know How to Fire Them Just in Case

Patrick D. McGuiness



Wednesday, January 16

9:15 a.m. – 10:15 a.m.

STMA 109 - Keeping Your Home Life Growing

Elizabeth T. Fasbender

10:45 a.m. – 12:00 p.m.

STMA 113 - Hiring the Right Person

Patrick D. McGuiness

2:00 p.m. – 5:00 p.m.

STMA 117 - Hidden Principles of Exceptional Performance

Paul Greiner

Thursday, January 17

Looking for ways to successfully manage your crew?

From 8:00 a.m. – 9:00 a.m. Sarah K. Martin, CSFM will present STMA 203 – Managing Your Most Valuable Asset: Your Staff. The interview process, effective communication, proper planning, and productive discipline will all be covered to help you become a more effective manager.

9:15 a.m. – 10:15 a.m.

STMA 208 - New Challenges, Take Risks, and Achieve Goals

Tim VanLoo, CSFM, Mike Andresen, CSFM

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10:45 a.m. – 12:00 p.m.
STMA 212 - Communication and the Art of Conflict Resolution
Lisa Goatley, MS, LPC

Student Track

8:00 a.m. – 12:00 p.m.

A special educational track is dedicated to students entering the sports turf industry. Students will learn about the numerous and varied duties and responsibilities of an NFL Sports Field Manager during STMA 218 - Being an NFL Sports Field Manager presented by Darian Daily. Students interested in becoming an MLB Groundskeeper can attend STMA 219 - The Uncertain Path to Becoming an MLB Groundskeeper presented by Luke Yoder and John Turnour. During this session, students will have an inside look at the importance of education, good work ethic, professionalism, and other key characteristics that will lead to a successful career in the Sports Turf Industry. The student session will wrap up with STMA 220 - First Steps: Panel Discussion for Students Preparing to Enter the Industry led by Jason Kruse, Ph.D. Students will be able to pose questions to a panel of experts regarding the steps required to secure a job in the sports turf industry.

Friday, January 18
8:00 a.m. – 9:00 a.m.
STMA 302 - Living with Integrity
Lisa Goatley, MS, LPC

STMA Academy — NEW
2:45 p.m. – 5:00 p.m.
STMA 407 - Strengths-Based Leadership and Followership
Eric K. Kaufman Ph.D., Richard J. Rateau, Ph.D.

FACILITY MANAGEMENT

Tuesday, January 15
STMA Academy — NEW
2:30 p.m. – 5:00 p.m.
STMA 401 - Performance Quality Standards - How good is your playing surface?
Ian Lacy

Wednesday, January 16
8:00 a.m. – 9:00 a.m.
STMA 103 - The Importance of Safety and Potential Liabilities for the Sports



Turf Manager
David Schlotthauer

9:15 a.m. – 10:15 a.m.
STMA 108 - Athletic Field Use and Maintenance Planning
Rebecca Auchter

Friday, January 18
8:00 a.m. – 9:00 a.m.
STMA 305 - Managing Professional Soccer Fields in Eastern Europe
Philip Sharples

Hosting a special event at your athletic facility?

Attend STMA 311 - Concert Setup and Other Special Events, and Still Play Tomorrow presented by Chris Ralston from 9:15 a.m. – 10:15 a.m. Learn about field setup options and the pre-planning that should be considered so the field is ready for use shortly after special events. Also included will be discussion on how to communicate successfully with field users to keep all parties satisfied.

Innovative Session
12:00 p.m.
STMA 316 - The Benefits from Using the PCI Assessment Tool
Kurt Nilsson

STMA Academy — NEW
2:45 p.m. – 5:00 p.m.
STMA 406 - Turf Equipment Care and Maintenance
Carl Osterhaus, CSM

AGRONOMIC
Tuesday, January 15
STMA Academy — NEW
2:30 p.m. – 5:00 p.m.
STMA 402 - Meteorology: Understanding Weather and Climate
Speaker: Brad Jakubowski

Wednesday, January 16
8:00 a.m. – 9:00 a.m.
STMA 102 - Making Plant Growth Regulators Work for You
Thomas Serensits

8:00 a.m. – 9:00 a.m.
STMA 104 - Zero Pesticide Athletic Turf Maintenance
John A. Halloran, SCPS



Need help transitioning to a bermudagrass field in the transition zone?

Ryan Bjorn and Julie Adamski present STMA 110 - 6 Steps To Transition An In-Play Cool Season Field to Bermudagrass from 10:45 a.m. – 12:00 p.m. A 6-step process that was used to successfully transition 7 cool season fields to bermudagrass will be shared. Learn how to build your own transition program through idea development and interactive discussion.

10:45 a.m. – 12:00 p.m.
STMA 112 - 3 Keys To Providing High Quality, High Traffic Athletic Fields
REPEATED on Thurs., Jan. 17,
8:00 a.m. – 9:00 a.m.
Jerad Minnick

2:00 p.m. – 5:00 p.m.
STMA 120 - Fire and Ice: Sports Turf Management in the Transition Zone
Gregg Munshaw, Ph.D., Cale A. Bigelow Ph.D.

2:00 p.m. – 5:00 p.m.
STMA 121 - Back to Basics: Getting the Most from Your Granular Fertilizers
Brad Jakubowski, Tom Samples, Ph.D.

Thursday, January 17
8:00 a.m. – 9:00 a.m.
STMA 202 - 3 Keys To Providing High Quality, High Traffic Athletic Fields
REPEATED SESSION: See Wed., Jan. 16,
10:45 a.m. – 12:00 p.m.
Jerad Minnick

Need information on managing turfgrass fertility?

STMA 206 - Fertility Management for Sand-based Systems presented by Nick Christians, Ph.D. focuses on basic information on soil chemistry of sand-based sports fields and how to manage a predominantly sand root-zone more effectively. This session will take place from 9:15 a.m. – 10:15 a.m. with a repeated session on Fri., Jan. 18, from 9:15 a.m. – 10:15 a.m.

10:45 a.m. – 12:00 p.m.
STMA 214 - European Field Maintenance at Real Madrid and Manchester United Football Clubs – Part One
Simon Gumbrell

Friday, January 18

9:15 a.m. – 10:15 a.m.

STMA 313 - Fertility Management for Sand-based Systems

REPEATED SESSION: See Thurs., Jan. 17, 9:15 a.m. – 10:15 a.m.

Nick Christians, Ph.D.

STMA Academy

2:45 p.m. – 5:00 p.m.

STMA 408 - Managing Turfgrass Soil Physical Properties

Speaker: Andrew S. McNitt, Ph.D.



SYNTHETIC

Wednesday, January 16

9:15 a.m. – 10:15 a.m.

STMA 105 - A Realistic Review of Maintenance Practices for Synthetic Turf Fields

Mark Lucas

Thursday, January 17

9:15 a.m. – 10:15 a.m.

STMA 210 - Synthetic Turf:

What to Do When The Warranty Runs Out

David Schlotthauer

Friday, January 18

8:00 a.m. – 9:00 a.m.

STMA 300 - Tackling the Issues with Synthetic Turf -

What Does the Research Say?

Thomas Serensits

Undecided about if you should have a synthetic or natural grass sports field?

Joshua Bertrand investigates the decision making process used to select surfaces in STMA 310 - Tale of Two Fields; Synthetic vs. Natural from 9:15 a.m. – 10:15 a.m. Learn about cost benefit analyses, health benefit analyses, pros/cons of each surface, political agendas, and other aspects of the selection process. Also learn about the maintenance practices that can be realistically expected for each type of surface.

WATER

Wednesday, January 16

9:15 a.m. – 10:15 a.m.

STMA 106 - Subsurface Drip Irrigation for Sports Turf

Bernd Leinauer, Ph.D., Mike Baron

2:00 p.m. – 5:00 p.m.

STMA 119 - Developing and Implementing Best Management Practices for Sports Field Water Conservation

Clint Waltz, Ph.D., Kenny Pauley

Thursday, January 17

8:00 a.m. – 9:00 a.m.

STMA 200 - Improving Water Efficiency: Take the Million Gallon Challenge!

Brad Jakubowski, John C. Fech

Friday, January 18

8:00 a.m. – 9:00 a.m.

STMA 303 - Water Management to Improve Turf Performance

Speaker: Jack Fry, Ph.D.

Need help with your irrigation audit?

Learn how to perform an irrigation audit during STMA 309 - Optimizing Sprinkler Uniformity with an Irrigation Audit from 9:15 a.m. – 10:15 a.m. Jeff Gilbert will discuss how nozzle pressure, nozzle size, and sprinkler spacing affect precipitation rates and overall distribution of water on turfgrass. Learn how to create an irrigation schedule to optimize the overall distribution uniformity.

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SUSTAINABILITY

Wednesday, January 16

9:15 a.m. – 10:15 a.m.

STMA 107 - The Reality of LEED Certified Landscape and Site Management

Larry DiVito

Is your state implementing stricter pesticide regulations?

Victoria Wallace is presenting STMA 111 - Strategies for Maintaining Turfgrass in Response to "No Pesticide" Legislation from 10:45 a.m. – 12:00 p.m. Learn how to manage turf without the use of conventional pesticides and focus attention to details that support success before mandates limit key management tools. The presentation will address field health, record keeping, scouting, and important cultural practices. This session is repeated on Thurs., Jan. 17 from 8:00 a.m. – 9:00 a.m.

Thursday, January 17

8:00 a.m. – 9:00 a.m.

STMA 204 - Strategies for Maintaining Turfgrass in Response to "No Pesticide" Legislation

REPEATED SESSION:

See Wed., Jan. 16,

10:45 a.m. – 12:00 p.m.

Victoria Wallace

10:45 a.m. – 12:00 p.m.

STMA 215 - Phosphorus - Environmental Issues

Beth Guertal, Ph.D.

10:45 a.m. – 12:00 p.m.

STMA 217 - The Elements of Sustainable Sports Facilities: Systematically Applying Your Environmental Plans, Policies, and Practices

Kevin A. Fletcher, Ph.D., Jim Sluiter

Friday, January 18

8:00 a.m. – 9:00 a.m.

STMA 304 - Simple Ideas for Greener Facility Management

David Han, Ph.D.

BASEBALL

Wednesday, January 16

10:45 a.m. – 12:00 p.m.

STMA 114 - Infield Soils: The Science Behind the Art

Norman Hummel, Ph.D.

2:00 p.m. – 5:00 p.m.

STMA 118 - Infield Mixes A-Z

Bill Deacon, Eric Blanton, John Turnour, Luke Yoder, Grant McKnight

Thursday, January 17

8:00 a.m. – 9:00 a.m.

STMA 205 - Applying MLB Practices to Low Budget Facilities

Eric Blanton, Bill Deacon

Working with limited resources on your baseball or softball field?

From 10:45 a.m. – 12:00 p.m., Jim Reiner will discuss baseball field management in STMA 216 - K-16 Baseball Field Maintenance & Renovation With Limited Resources. Learn how to evaluate your ball park, prioritize improvement efforts, create an action plan you can really implement, and keep your ballpark in tip top shape into the future.

PEST CONTROL

Wednesday, January 16

2:00 p.m. – 3:15 p.m.

STMA 115 - Weed Control in Newly Established and Overseeded Areas

Jim Brosnan, Ph.D.

Thursday, January 17

8:00 a.m. – 9:00 a.m.

STMA 201 - New Strategies for Annual Bluegrass Control in Cool-Season Turfgrass

Matt Elmore, Jim Brosnan, Ph.D.

Friday, January 18

Interested in learning more about herbicide products for the coming season?

STMA 301 - New Options for Weed Control in Athletic Field Turf takes place from 8:00 a.m. – 9:00 a.m. Gerald Henry, Ph.D. will focus on preemergence and postemergence herbicide efficacy for the control of weeds. Spray application techniques as well as proper/safe use and limitations will also be shared.

9:15 a.m. – 10:15 a.m.

STMA 307 - Maintaining Sports Fields the Natural Way

Brad S. Fresenburg, Ph.D.

9:15 a.m. – 10:15 a.m.

STMA 308 - Diagnosing Turf Problems

Pamela Sherratt

STMA Academy

2:45 p.m. – 5:00 p.m.

STMA 404 - Common Diseases of Sports Turf

Mike Fidanza, Ph.D.



STMA Academy

2:45 p.m. – 5:00 p.m.

STMA 405 - Best Management Practices to Increase Tolerance to Pests and Stress

Mary Owen



CONSTRUCTION

Wednesday, January 16

3:30 p.m. – 5:00 p.m.

STMA 116 - The National Mall Renovation: Design, Construction, Maintenance & Event Management

Murray Cook, Steve LeGros, Norman Hummel, Ph.D., Erik Ervin, Ph.D.

Thursday, January 17

Looking for more information on how you can get involved in the sports field construction process?

Learn about the entire construction process of 16 acres of state-of-the-art sand based sports fields in STMA 207 - Building it Right for all the Right Reasons from 9:15 a.m. – 10:15 a.m. Jim W.T. Plasteras will present ideas on how to be proactive in the sports field construction process while working alongside nature responsibly.

10:45 a.m. – 12:00 p.m.

STMA 213 - Tottenham Hotspur Training Academy - Construction and Grow-in

Darren Baldwin

Friday, January 18

9:15 a.m. – 10:15 a.m.

STMA 312 - Converting from Cool Season to Warm Season Grass

Darian Daily

RESEARCH

Wednesday, January 16

8:00 a.m. – 9:00 a.m.

STMA 101 - Research and Real World Applications using Crumb Rubber to Improve Natural Turf Athletic Fields

J. Tim Vanini, Ph.D., John Sorochan, Ph.D.

Thursday, January 17

9:15 a.m. – 10:15 a.m.

STMA 209 - Shoe-Turf Interaction, Injury Risk, and Performance of Elite Athletes

REPEATED on Fri., Jan. 18, 8:00 a.m. – 9:00 a.m.

Richard Kent, Ph.D.

Friday, January 18

8:00 a.m. – 9:00 a.m.

STMA 306 - Shoe-Turf Interaction, Injury Risk, and Performance of Elite Athletes

REPEATED SESSION: See Thurs., Jan. 17, 9:15 a.m. – 10:15 a.m.

Richard Kent, Ph.D.

STMA Academy

2:45 p.m. – 5:00 p.m.

STMA 403 - Breeding, Develop-



ment, and Production of Cool-Season Turfgrasses

Leah A. Brillman, Ph.D.

Do you have unanswered turfgrass management questions?

The Innovative Session, STMA 315 - Agronomic Research Ideas - What Haunts You About Turf Management? takes place on the trade show floor at 11:00 a.m. A.J. Powell, Jr., Ph.D. will allow and encourage sports turf managers to suggest turfgrass research problems. These problems will be summarized and made public so university and private companies can get a feel for management problems in which there may not be a product or sales related solution.

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Handouts

STMA will post all conference handouts online during the first week of January.

Schedule & Trip Report

Go on line to STMA.org to fill out your schedule and complete a trip report for your employer.

OPTIONAL EVENTS

Seminar on Wheels

Both on Tues., Jan. 15

Full Day - 7 am - 5 pm

The full day tour will go to Everbank Stadium - home to the Jacksonville Jaguars, Baseball Grounds of Jacksonville - home of the Suns, and finish at the Daytona International Speedway.

Half Day - 1 - 5 pm

The half day tour begins at 1 pm and stops at Jackie Robinson Ballpark, home to the Daytona Cubs, and finishes the day at Daytona International Speedway joining those who participate in the full day tour. In addition to touring the Speedway, participants will have an opportunity to enter a drawing for two pace car rides that will occur at the end of the tour to benefit The SAFE Foundation.

CSFM Testing

Tues., Jan. 15,

3:30 - 7:30 pm

& Sat., Jan. 19, 8 am - 12 pm

Pre-qualification and pre-registration by Dec. 15 is required for those who wish to take the exam. If you test on Tuesday and do not pass all of the sections, you may be able to retest on those sections on Saturday. To find out if you qualify, call STMA at 800-323-3875.



ASBA Certified Builder Exam Testing

Sat., Jan. 19, 8 am - 1 pm





The American Sports Builders Association (ASBA) offers three certifications for field builders and will be offering these tests during the Conference. To find out if you qualify to test, go to www.sportsbuilders.org. The deadline to apply to test is Dec. 15. Those testing must register for the STMA conference, purchasing a one-day package at a minimum. Questions? Contact ASBA, 866-501-2722.

Chapter Officers Training for Chapter Board Members

Tues., Jan. 15, 6 - 9 pm

(Dinner provided)

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. Preregistration is required.

SAFE Golf Tournament

Tues., Jan. 15, 11 am - 5 pm

Please see page 10 for more information on the SAFE Golf Tournament

Student Activities

Students are welcome and encouraged to attend all that the conference offers.

Student Networking Session

Wed., Jan. 16, 5:15 - 6:15 pm

Student Educational Session

Thurs., Jan. 17, 8 am - 12 pm

STMA Annual Meeting & Lunch

Thurs., Jan. 17, 12 - 1:15 pm

Students now have this time open to attend.

STMA Student Challenge

Fri., Jan. 18, 8 - 10:30 am

Participants receive FREE conference registration by competing in the Challenge. Undergraduates are eligible to compete in teams of up to 4 people. Graduate students are not eligible. Win \$4,000 for your school. On-line pre-registration is required.

Women's Forum

Wed., Jan. 16, 7 - 7:55 am

Celebrating its 6th year, all women at the conference are invited to participate in a facilitated discussion and enjoy breakfast.

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Oneco FL
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Spectrum Technologies, Inc. 532
Plainfield IL
 Spectrum Technologies, Inc. offers affordable devices to measure nutrient levels, soil qualities, light, weather and other factors affecting plant growth. Over 15,000 customers count on Spectrum's easy to use, dependable technology for their growing needs.
www.specmeters.com

Sports Construction Management, Inc. 942
Lexington NC
 SCM is the premier sports field contractor. We specialize in athletic field construction and synthetic turf installation.
www.sportsconstructionmanagement.com

Sports Turf One, Inc. 312
Boynton Beach FL
 Sports Turf One, Inc. is a complete athletic field design/build firm. We specialize in synthetic and natural turf.
www.sportsturfone.com

Sports Turf Specialist, LLC 707
Iowa LA
 We are general contractors specializing in sports field construction and maintenance.
www.sportsturfspecialists.net

Sports Venue Padding 944
Cerritos CA
 Leading manufacturer of stadium field padding, rail padding, autogate padding and sponsor graphics.
www.sportsvenuepadding.com

SportsEdge 545
Troutman NC
 Manufacturer/supplier of surface and sub-surface drain systems, football goals, soccer goals, and track equipment.
www.sportsedge.com

Sports Field Management Magazine 934
St. Johnsbury VT
 We are a monthly trade publication for field care professionals managing playing fields nationwide. Subscribers are free to qualified subscribers.
www.sportsfieldmanagement-magazine.com

Sportsfield Specialties 843
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

Sports Turf Magazine/M2Media360 806
Palm Springs CA
 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.sportsturfonline.com

Sprinturf 351
King of Prussia PA
 Sprinturf is a manufacturer and installer of synthetic turf systems and the only fully integrated synthetic turf company in the industry.
www.sprinturf.com

Stabilizer Solutions 408
Phoenix, AZ
 Infield mixes, mound mixes, custom blends. Worldwide stabilization products.
www.stabilizersolutions.com

STEC Equipment 529
Sandy Springs SC
 STEC is an industry leader in the manufacturing, distribution, and sales of specialized turf equipment for over 10 years. With the commitment to quality products, STEC is leading the way in importing cutting edge products and ideas from the European marketplace and introducing them to the American turf industry.
www.stecequipment.com

SubAir Systems 706
Graniteville SC
 Providing solutions to air movement problems above and below the surface.
www.subairsystems.com

Syngenta 223
Olivette MO
 Syngenta is the leading manufacturer of fungicides, herbicides, and insecticides and plant growth regulators.
www.syngentaprofessionalproducts.com

Synthetic Turf Council 227
Atlanta GA
 Based in Atlanta, the Synthetic Turf Council was founded in 2003 to promote the industry and to assist buyers and end users with the selection, use and maintenance of synthetic turf systems in sports field, golf, municipal parks, airports, landscape and residential applications. Membership includes builders, landscape architects, testing labs, maintenance providers, manufacturers, installation contractors, specialty service companies, as well as academics, researchers, athletic directors, and students.
www.syntheticurfCouncil.org

Terraplas USA, Inc. 605
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www.terraplasusa.com

Titan 317
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 Titan sprayers are designed by professionals for contractors. Advanced performance, total reliability, unsurpassed service, and the best and longest warranty in the industry are common terms associated with Titan.
www.titantoool.com

TLI-Sports 226
Clearwater FL
 Turbo Link International, Inc. has extensive experience in the construction of sports fields and sports facilities throughout the US and abroad. We specialize in turn-key design-build services, site preparation and drainage systems for a variety of athletic surfaces and sports facilities.
www.TLIsports.com

The Toro Company 712
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 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

Tri-Tex Grass 413
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

Trimax Mowing Systems
Griffin GA
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www.trimaxmowers.com

Turf Time Equipment 842
York PA
 Manufacturer of turf maintenance equipment—aerators, top dressers, verticutters, roller and infield drags.
www.turftimeeq.com

Turf-Tec International 310
Tallahassee FL
 We manufacture diagnostic tools for treating the soil, water, PH and moisture.
www.turf-tec.com

Turface Athletics 439
Buffalo Grove IL
 Turface 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 Turface products has superior absorption and drainage to help fight compaction and create safe playing surfaces at all levels.
www.turface.com

Turfco 629
Blaine MN
 For over 50 years, Turfco has provided quality and innovative products for sports turf facilities and ground.
www.turfco.com

TurfNet
Atlanta GA
 TurfNet is an online community, which allows sports turf managers to perform their jobs more efficiently. We offer a forum, newsletter and online content to members and the turf community at large.

Underhill Intl Lake Forest CA 510
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www.underhill.us

University of Georgia Athens GA 948
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www.georgiacenter.uga.edu/turf

Varicore Technologies Prinsburg MN 302
The premier name in synthetic and natural turf drainage.
www.multi-flow.com

Vescio's Sportfields Lexington KY 649
Design/build/maintenance—natural and synthetic athletic fields.
www.sportsfields.com

Waupaca Sand & Solutions Waupaca, WI 245
Manufacturer of Sure-Hop Infield Mixes, Warning Track Stone, Red Mound Clay and Topdressing. Mobile rootzone soilbleeding.
www.waupacasand.com

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Whitlam Paint Company Wadsworth OH 924
Manufacturing quality products since 1900.
www.whitlampaint.com

Wiedenmann North America, LLC Savannah GA 233
Wiedenmann is a leader in the manufacturing of turf maintenance equipment for both natural and artificial turf surfaces.
www.wiedenmannusa.com

Wood Bay Turf Technologies Sun City AZ 722
Wood Bay is a leading international company in the manufacture of dethatching equipment of sports fields. Wood Bay manufactures specialty equipment in the maintenance of synthetic sports fields.
www.woodbayturftech.com

World Class Athletic Surfaces Leland MS 509
The world's premier manufacturer of quality field marking paints. We create custom stencils for field logos.
www.worldclasspaints.com

www.GeeseProblem Solved.com Louisville KY 224
Solar powered maintenance free and easily installed units that get rid of geese with 100% MONEY BACK GUARANTEE. Proven effective for parks and rec, golf courses and sports fields.
www.geeseproblemsolved.com

Xtreme Turf Makeover Austin TX 225
Xtreme Turf Makeover is a synthetic turf sports field maintenance and rejuvenation service.
www.xtremeturfmakeover.com

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Inside look at Daytona Beach

Explorer Ponce de Leon, during his 1513 search for the Fountain of Youth, discovered the now-popular DeLeon Springs, located just west of Daytona Beach. Today, the Daytona Beach area entertains nearly 8 million visitors each year.

Perhaps best known for the Daytona International Speedway, the Daytona Beach area is located in Florida's Central East Coast region. It includes eight communities stretching 23 miles along the Atlantic Coast. The beach is 23 miles long and up to 500 feet wide at low tide. The gentle slope and tides have packed the hard, white sands nearest the ocean, enabling automobile access. Of the 23 miles of beach, 11 miles allow driving and parking during the day and when the tide permits. The sand becomes softer as one moves further inland from the waterline. Sand dunes in the area can reach as high as 25 feet.

Automobile racing became a regular pastime along the hard-packed beaches at the turn of the 20th Century. Ormond Beach became known as the "birthplace of speed" due to the various land speed records set there. In 1947, the National Association of Stock Car Auto Racing was founded in Daytona Beach. Motorsports gained new ground in 1959 with the opening of the Daytona International Speedway, which continues to satisfy hundreds of thousands of speed-hungry fans each year. Visitors come from around the world to relax and recreate on one of the most beautiful, family-friendly beaches in Florida.

The average annual temperature is a warm 70 degrees. The average water temperature is also 70 degrees Fahrenheit. A typical January might range between the mid 60s and low 70s during the day and the 50s at night. Occasionally, there are cooler days but the temperature along the beach will usually be several degrees warmer than it is 15 miles inland. This moderating effect occurs because of ocean breezes, which also keep the climate mild in the winter.

The Daytona Beach area is excellent for deep-sea fishing. Record size marlin and other fish are abundant in the Atlantic Ocean. Fresh water fishing is also popular. Other outdoor activities include canoeing, camping, golfing, sailing, water skiing, jet skiing, surfing, paddle boarding, scuba diving, racquet sports, horseback riding, and of course, relaxing on the beach.

POINTS OF INTEREST

Daytona International Speedway. The 2.5-mile "super speedway" lives up to its billing as the "World Center of Racing" as it is involved in some type of high-speed activity every day for more than 4 months of the year. Daytona is a versatile 480-acre motorsports facility that is home to the biggest, richest and most prestigious stock car race in the NASCAR Sprint Cup Series—the DAYTONA 500. In addition to a jammed-packed racing calendar, Daytona International Speedway offers three separate

tours that take race fans inside the hallowed grounds of NASCAR's marquee race track. The newly expanded 60-minute All Access tour allows fans to view never-before-seen areas including the Daytona 500 Club, the Sprint Tower, the driver's meeting room and the NASCAR Sprint Cup garages, in addition to Gatorade Victory Lane and the Sprint FAN-ZONE, which are included in the 30-minute Speedway Tour. A special VIP 3-hour tour is available by advanced reservation on select days throughout the year. Open 10 a.m. – 4 p.m. daily, (386) 947-6800.

Daytona Lagoon. Located in the heart of Daytona Beach's tourist district, waterpark visitors can enjoy flume rides, a giant wave pool and tubing river, and several fast-paced waterslides. Dry activities include Grand Prix go-kart racing, miniature golf, laser tag, a high-speed thrill ride, an arcade and more!

Florida Tennis Center. All ages and ability levels are welcome at the United States Tennis Association's state-of-the-art facility in Daytona Beach. Tennis enthusiasts can enjoy 24 hydro-clay courts, which are cool, fast drying, and easy on the body. There are also 20 lighted courts available for evening play. Racquet rentals and demonstrations are available, or guests can purchase their own equipment at the Full Service Pro Shop.

Marine Science Center. The Marine Science Center provides an innovative learning experience where visitors can discover, enjoy and appreciate the many wonders of marine science. The center houses a wet/dry classroom and lab, gift shop, a sea turtle exhibit, sea turtle rehabilitation facilities, a seabird sanctuary, a 5,000 gallon artificial reef aquarium, as well as static and interactive educational displays.

Richard Petty Driving Experience. Experience the 31 degree banking of Daytona International Speedway's 2.5 mile track at speeds of more than 150 mph! Feel the power of a 600-horsepower NASCAR style stock car. Select from 8 to 24 lap adrenaline pumping driving experiences. No reservations required for the "Ride Along" program. Please call ahead for available dates and rates. 1801 W. International Speedway Blvd., Daytona Beach, (800) BE-PETTY.

Deep-sea fishing excursions. Whether you cast your line from a pier, join a deep-sea fishing excursion or prefer flats fishing you can do it here. From the Ponce Inlet marinas, a fleet of offshore deep-sea fishing crafts depart daily. For flats fishing, head for the estuaries of the Tomoka Basin and the Indian River Lagoon. Also, The DeLand/River of Lakes Corridor area offers some of the best bass fishing in Florida. For rules and regulations regarding salt water and fresh water and fishing, license information and requirements call (888) 347-4356. ■

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
- ➔ 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 nears and the STMA Conference and Exhibition approach, so book early to get the best rates.
- ➔ Book your hotel room at the Hilton Daytona Beach (at Ocean Walk Village), the official hotel of the STMA Conference and Exhibition, at the exclusive rate offered to attendees. These rates are good through Dec. 22, 2012, so book early because they could, and likely will, sell out. Go to www.STMA.org to make your reservation today!
- ➔ Check www.STMA.org and keep an eye on your inbox to keep up with the latest information about the conference.



>> **Top Left: Kirkwood Community College winners**, L to R: Student Challenge sponsor Hunter Industries' Lynda Wightman, Luke Perkins, Tyler Dean, Tim Sims, Tyler Timmerman, and coach Troy McQuillen.

>> **Bottom Left: Purdue University winners**, L to R: Student Challenge sponsor Hunter Industries' Lynda Wightman, Zak Peterson, John Thackery, Ben Baumer, Joey Gerking, and coach Tracy Tudor.

Student Challenge winners put their prize money to use

EVERY YEAR the SAFE Foundation presents \$4,000 cash awards to the first place 2-year and 4-year institutions that participate in the STMA Student Collegiate Challenge. The funds provided by SAFE are meant to benefit the turfgrass science programs at the winner's schools. Use of the awards can include creating an athletic sports field learning lab, purchasing athletic sports field specific equipment and products, or other items or projects approved by the STMA Student Challenge Committee. Funds are required to be spent before the next year's STMA annual conference.

The 2012 winners of the Student

Challenge were Kirkwood Community College Team 204 in the 2-year division and Purdue University Team 402 in the 4-year division. The students from Kirkwood Community College used the award money to purchase specific lab tools that could help with hands-on lab competencies in the Athletic Field Maintenance class. The resources purchased include a Graco line painter, Spectrum Technologies' TDR moisture meter, and temperature meters. The line painter gives students the opportunity to operate and understand painting procedures. The moisture meter has been used to teach the importance of irrigation efficiency and moisture testing,

and the temperature meters have been used to educate students about maintaining turfgrass canopy temperatures. The award money helped make great improvements to the Athletic Field Maintenance curriculum and student education.

Students at Purdue University have used the award money to renovate a 2-year-old, multi-field soccer complex that is heavily used by youth soccer leagues in the surrounding community. Students aerified, overseeded, topdressed, and fertilized the field in spring 2012 to increase safety and tolerance to stress. Students' hard work and outreach efforts had an extremely positive impact on the local community.

The 2013 STMA Student Collegiate Challenge takes place Friday, January 18, 2013 from 8:00-10:30 am at the Ocean Center in Daytona Beach, FL. Registration for the Student Challenge is now open. A maximum of four undergraduates can compete on a team and must declare if they are representing a 2-year or 4-year institution. Competitors receive complimentary conference registration. All Student Challenge competitors are **REQUIRED** to register online before December 15. No paper registration forms will be accepted. You can send in a paper form to register for optional events. Please contact Kristen Althouse at kalthouse@stma.org with questions about the Student Challenge.

The mission of the SAFE Foundation is to enrich communities through championing safe, sustainable sports and recreation fields for all athletes. As a 501 (c) (3) non-profit corporation and the charitable arm of the Sports Turf Managers Association (STMA), it also provides scholarships and funds education to help sports turf managers with the challenges they face in managing athletic fields. For more information, go to www.safefields.org. ■

Products you can see at January's STMA Exhibition in Daytona Beach



TS90 series sports field sprinkler with TurfCup

The TS90 Series Sprinkler with TurfCup, field proven at the UEFA Euro 2012 soccer tournament, combines the benefit of on-field installation, with smaller, less expensive rotors that provide true head-to-head coverage, with the safety and flawless playing surface that comes from a perimeter-only, "big-gun" installation. The TS90 with TurfCup provides:

- Compatibility with natural and synthetic turf
- Seamless playing surface
- Maximum protection against injury
- Trajectory adjustment from 7° to 30° for true head-to-head coverage
- Part- and true full-circle operation in one
- Three nozzle configurations for optimal performance
- Constant-velocity drive

The TS90 Series Sprinkler with TurfCup provides the best features of on-field and perimeter-only irrigation.

Toro Irrigation

Xtreme Cleaning from Xtreme Turf Makeover

Xtreme Turf Makeover launched in 2012, bringing synthetic turf rejuvenation services throughout the United States. Through diagnostic field tests and three levels of environmentally-friendly services, Xtreme Turf Makeover can restore an aging field's performance and safety conditions. The company's featured service is the patent pending Xtreme Cleaning, available with Level 2 and 3 offerings. With Xtreme Cleaning, they extract the field's existing infill, which is then filtered and separated during cleaning. After all dust, debris, sediment and yarn are removed, the infill is as clean as or cleaner than the original infill. The sand and rubber granules are then recycled back into the field, and additional infill may be added to restore performance levels. With Xtreme Turf Makeover, nothing is taken to the landfill; all infill and turf are recycled or repurposed.

Xtreme Turf Makeover



Campey Turf Care Systems to showcase new products at STMA 2013

Campey Turf Care Systems is a UK company that distributes sports turf renovation and maintenance machinery across the world. We will be exhibiting at STMA 2013 in Daytona Beach with an array of new and proven products including the new Koro by Imants Field Top Maker, the Koro FTM 1200 with UNIVERSE Rotor, and the Koro FTM 2000 with TERRAPLANE Rotor. Alongside these will be the Imants Shockwave 2.10 and Imants Rotoknife. Both of these machines have revolutionized the way aeration and compaction is tackled within the sports industry with some amazing results. Other products on display include the Koro Speed harrow 2000, and a new 2013 model of Koro Recycling Dresser the RD 1900, which aerates the underlying soil vertically and horizontally, removing soil from the rootzone and re-distributing it across the playing surface as topdressing, thus leaving a level decompacted rootzone, ready for top class play.

Campey Turf Care

Latitude 36 bermudagrass

Latitude 36 bermudagrass, developed and released by Oklahoma State University, is a high quality, sterile triploid hybrid adapted for use on sports fields. It offers outstanding cold hardiness and high traffic tolerance, with exceptional visual quality equal to or exceeding that of Tifway 419. Latitude 36 is an excellent choice for use in the transition zone and the upper region of bermudagrass adaptation. In its first year commercially available, Latitude 36 has already been used on the University of Virginia's football and baseball fields, UVA's track facility and the University of Missouri's baseball stadium. Turfgrass research, development and marketing company, Sod Solutions, will be the licensing and marketing agent for Latitude 36.

Sod Solutions

TurfCat out-front rotary with 60" fine-cut flail deck

Jacobsen has paired its legendary workhorse TurfCat mower with the industry's only 60-inch fine-cut flail cutting deck. The TurfCat's flail deck eliminates unsightly rows of clippings on your sports field by discharging grass down into the turf for a more attractive after-cut appearance. The flail is also a safer choice because its downward discharge reduces the danger of thrown projectiles. The TurfCat tractor is popular with mechanics because its hydraulic deck eliminates the need for a gear box, drive shaft or clutch, providing a highly-efficient transfer of power that requires very little maintenance. In addition to the fine-cut flail, the TurfCat offers five other deck configurations, including 60-inch, 63-inch and 72-inch hydraulic-drive rotary decks.

Jacobsen





Turface MoundMaster Blocks and Professional Mound Clay

No two areas of the diamond receive more abuse and constant wear than the pitcher's mound and plate. Make sure they are built and maintained properly with the best, virgin packing clays in the industry. Turface clays provide a superior degree of plasticity and offer unmatched footing and wear resistance. Turface MoundMaster Blocks are hydraulically packed blocks of clay that create the perfect foundations for the mound and in the batter's and catcher's boxes. Packaged in 8 blocks per bag this product is ready to use right out of the bag and makes fast work of mound and plate construction. Turface Professional Mound Clay is the same virgin clay as our MoundMaster Blocks and is finely shredded for easy shaping the mound and also helps with ongoing plate and mound maintenance.

Profile Products



First Products VC-60: raising the bar in verticutting

Thatch removal is critical to sports fields and grounds management and the new First Products VC-60 raises the bar in verticutting. The patented swing hitch allows the unit to turn during operation increasing maneuverability, and the belt drive provides a faster blade RPM improving quality of cut. The VC-60 is designed for continuous heavy-duty operation on sports fields, and depth adjustment can be made in the field with no tools. It also boasts a quiet all-belt design, meaning there are no chains to maintain. For deep cutting with minimal turf disturbance, you need the First Products VC-60.

First Products



Field Commander from Kromer

Sports turf managers have enough to worry about and field condition/appearance need not be one of them. The Kromer Company's Field Commander tractor along with its hydraulically actuated synthetic field grooming attachments will make creating a safe, playable and aesthetically pleasing field a manageable task. Knowing what to do and when to do it has been difficult for field maintenance staff to decipher. Kromer has simplified this process and incorporated all grooming functions into a complete and thorough 2-step grooming process. This process addresses problems associated with infill compaction, fiber entanglement/capping, poor water infiltration, dust/dirt contamination, uneven infill distribution and field appearance.

Kromer Company



A-Turf Titan fiber system

A-Turf Titan is a blended fiber system featuring the industry's most-proven, premium Mono and XP fibers in the same stitch. It's an amazingly plush, natural looking surface with outstanding performance attributes. The dense carpet holds infill in place better, reducing infill movement during play. The fibers are well rooted into the super-durable primary and secondary backings. It's so durable that it comes with a 12-year warrant, 50% longer than other warranties. While the A-Turf Titan surface feels and plays "firm & fast," the shock-absorbing underlayment helps deliver the best safety rating of all synthetic turf systems on the market. A-Turf backs the greatest turf system in the world with having best installation craftsmanship and over-the-top client service.

A-Turf



Buffalo Turbine adds Monsoon misting system to product line

The Compact Fan Assisted Misting System will be used for evaporative cooling at golf courses, country clubs, sports fields, stadiums and outdoor banquet facilities. Evaporative cooling is increasingly popular with athletes, employees and customers offering much relief on hot, dry days. Lightweight and portability are features that set this apart from others. The MFA110 Misting System uses a proprietary high speed rotary atomizer distributing a fine mist of water in excess of 50 feet. The Misting System does not use small nozzle tips and is not prone to plugging. This compact system has a standard 110 volt plug along with a 3/4-inch garden hose connection.

Buffalo Turbine



New Toro Workman MD series

The new Toro Workman MD Series of utility vehicles combine a coil-over shock absorber suspension design with a patented Active In-Frame twister joint. These features deliver SRQ - Superior Ride Quality for added operator comfort and vehicle control. Front suspension is Independent A-Frame design with coil-over shock absorbers. Rear suspension is Swing Arm design with coil-over shock absorbers. Benefits include operator comfort, safety, reduced operator fatigue, and productivity and efficiency gains. The innovative Active In-Frame Twister Joint allows each axle to react independently to the terrain. The result is the smoothest ride over the most undulating surfaces. All four wheels maintain constant contact with the ground for better traction, stability and less potential turf damage.

The Toro Company



Hilltopper Infield System

On running tracks, proper stiffness matched with the runner's leg produces 3% faster running times. On an infield surface, the proper stiffness, or load bearing strength required by the athlete is determined by the moisture content in the soil, ideally 4%-12% water. The Hilltopper Infield system replaces needed moisture content with patented polymer technology. Also when you eliminate the need for water, you eliminate the variability that occurs from water. For the first time ever the Hilltopper Infield System gives you full control over how you want your field to play without interference from water. For a fast field, simply roll the Hilltopper Infield. For a traditional surface, use our new cutting edge spiking tool and add Hilltopper Conditioner.

Stabilizer Solutions Inc.



Hunter rotor technology for synthetic turf irrigation

The Hunter ST System features gear-driven long-range rotors based on Hunter's legendary rotor technology, special multi-axis swing joints, low-pressure loss valves and robust feature-packed vaults. Hunter ST rotors are reliable and engineered for longevity in high flow and high-pressure conditions. There are currently four rotors in production specifically for synthetic fields. These models include the ST-90, STG-900, ST-1600B, and ST-1600BR. Hunter ST Vaults feature construction grade fiberglass in the body, impact resistant composites on the exposed upper rim, and a near indestructible polymer-concrete cover with pre-cast holes for the rotors. The unique and exclusive ST swing joints are designed to ease rotor installation within these precast hole locations. Hunter completes the goal of providing a total synthetic turf irrigation solution by offering easy-to-order ST kits.

Hunter Industries



Trilo C15

The ALL NEW Trilo C15 is a 3 Point mounted, PTO driven flail unit, which can mow, verticut while collecting the removed thatch and debris. With a 60" working width, the C15 is a robust and compact multi-purpose unit that will cut and collect grass from rough or fine areas, and collect thatch, leaves, and other debris. The 18 wind paddles fitted to the heavy duty, finely balanced rotor ensure a thorough uptake of material. With an intuitive design, the blades can be changed without tools, and overall maintenance is a snap. The Trilo C15 will leave an aerated and well-groomed finish, IN ONE PASS, instantly regenerating previously matted and stale ground.

STEC Equipment



ENVIRO-GARD cover protects synthetic turf from UV rays

At the Synthetic Turf Council conference that was held in Dallas, TX from Oct. 2 - 5, Covermaster Inc. introduced a synthetic turf sports field cover that will block 99% of ultra violet rays from getting through to synthetic turf surface. This is a major advantage because it will add years to the lifespan of synthetic turf and will pay for itself in the first year, according to company president Bob Curry. Another plus is that the cover is engineered to let it breathe which will reduce any heat build-up underneath the cover. Moreover, since it is porous, rain can pass through to help clean the playing surface when not in use. And when used between games, the cover will also keep it free from debris, dirt and unauthorized use of the field itself. The addition of ENVIRO-GARD to the Covermaster line-up keeps the company in the forefront of specialty covers designed for specific applications.

Covermaster



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