

Images courtesy of Destinations Magazine

## Opportunities Abound as STMA Heads West!

**STMA** heads west, to Long Beach, Calif. from Jan. 10-14, 2012 for the 23rd Annual STMA Conference and Exhibition. Settled along five-and-a-half miles of sandy coastline, Long Beach is the quintessential vacation getaway, boasting both the ambience of a sophisticated urban center and the charm of a seaside community. Located just 20 miles south of Los Angeles, California's fifth largest city offers visitors a dynamic range of attractions, shopping, recreational activities, art and culture, restaurants and nightly entertainment that make it an ideal destination for attendees.

As has been the case for several years, STMA has expanded the educational track, with more than 65 education sessions to choose from, organized into nine different educational tracks (you'll learn more about these later in this article). All of this year's sessions were selected with one thing in mind... you and your facility coming away with new opportunities, ready to be capitalized on when you return home.

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 21 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

#### *STMA Networking Sessions* Wed., Jan. 11, 4:30 - 5:30 p.m.

Members say that networking is one of the top reasons they join STMA. Thus, in addition to all of the networking opportunities throughout the conference, we've created a formalized networking kick-off. Network with professionals from facilities similar to your own! The forum is divided by category into separate sessions for schools K-12 facilities, colleges and universities, facilities used by professional athletes, parks and recreation facilities, academics and students.

#### *Welcome Reception*

*Sponsored by Toro and Covermaster*

Wed., Jan. 11, 7:30 - 10 p.m.

**First-Time Attendees Reception – 7 - 7:30 p.m.**

A must-attend networking event! Kick off the conference in style with the other influencers who are in Long Beach. Enjoy food and drink courtesy of Welcome Reception sponsors Toro and Covermaster.

#### *SAFE Casino Night at the Welcome Reception*

Wed., Jan. 11, 8:30 - 10 p.m.

The SAFE Foundation will be debuting Casino Night at the Welcome Reception at 8:30 p.m. with many games and opportunities to win prizes while supporting STMA's charity.

### 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 – \$639**

**Air Transportation – \$340**

**Total – \$1,444**

Remember, that'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.

\*There are ways to reduce your costs significantly. Just splitting the ride to and from the airport and sharing a room with one other person can reduce these costs by more than \$340!

## General Session Keynote Speakers

Thurs., Jan. 12, 8 - 10 a.m.

Sponsored by World Class Athletic Surfaces



### Dr. Frank Rossi, Ph.D. Meeting the Needs of Today without Compromising Tomorrow: Sustainable Sports Turf

Frank Rossi has been recognized among the most

influential people in the golf, sports and lawn turf industry. He has spent the majority of his career in turfgrass science focused on improving the resource efficiency and environmental compatibility of turfgrass systems. He has served as lead turf consultant for the New York Yankees, Green Bay Packers, Lincoln Center for Performing Arts, the Randall's Island Sports Foundation, and for the 2002 and 2009 US Open Golf Championships. His presentation will address the global aspects of sustainability and the demands that go beyond the recreational function of sports surfaces. Sports turf management, often focused solely on athlete safety, now must consider other impacts. Hear about how to leverage the social, economic, and environmental mission of sports turf management into an ideal opportunity to address the broader issue of sustainability.



### Eric Boles - Lead with Purpose

Eric Boles is a highly acclaimed speaker and consultant for some of the most recognized companies in the world - Starbucks, Boeing, Coca Cola and Southwest Airlines - to name a few.

Prior to becoming an authority on teamwork, leadership and personal development, Eric learned many principles of team dynamics and leadership from his experience playing in the NFL with the New York Jets and Green Bay Packers. His presentation, Lead With Purpose, will help you become intentional in how you develop as a leader, and how you develop others to lead. Find out how your influence grows with your commitment and ability to create relationships. Learn how your personal character and integrity directly impact your ability to effectively influence people. Discover what is necessary to help achieve sustainable long-term results.

## STMA Annual Meeting & Lunch

Thurs., Jan. 12, 12 - 1:15 p.m.

### Members Only

There is no scheduled Student Session during this time so that Students can now attend! Meet your new 2012 Board Members and hear about the association's progress and goals while enjoying lunch.

## STMA Annual Awards Banquet & Pre-Banquet Reception

Fri., Jan. 13, 6:30 - 10 p.m.

Enjoy fabulous food and beverage while honoring STMA award winners. Be a part of the surprise when STMA's highest honors, the Founders' Awards, are presented to four unsuspecting members.

## Educational Program

The 2012 STMA Conference focuses on providing new ideas, recognizing opportunities and discovering solutions for managing sports facilities. Demonstrations, classroom education, roundtables, workshops, and networking all provide chances for sports turf managers to access information that will lead to success. The sessions have been organized into nine separate educational tracks, and we've implemented a session numbering system (100's on Wednesday, 200's on Thursday, and 300's on Friday. Higher numbered classes do NOT necessarily mean advanced content, just that the session is later in the day.), to help you better manage your time on-site. We strongly encourage you to use the Schedule Builder and Trip Report STMA has developed to ensure that you and your facility maximize your investment in Long Beach.

## SYNTHETIC

### STMA 100 - Synthetic Turf: Concept, Design, Construction, Completion, Maintenance, and Lifecycle Planning

Wed., Jan. 11, 8 a.m. - 12:15 p.m.

Speaker: Mark Nicholls, Turf Industry Inc.

This workshop focuses on an in-depth analysis of synthetic turf.

## REGISTRATION HOURS

- ⊙ Tues., 6:30 - 10 a.m. (Hyatt), AND 3-7 p.m. (Conv. Cntr.)
  - ⊙ Wed., 6:30 a.m. - 7 p.m. (Conv. Cntr.)
  - ⊙ Thurs., 6:30 a.m. - 7 p.m. (Conv. Cntr.)
  - ⊙ Fri., 6:30 a.m. - 2 p.m. (Conv. Cntr.)
- All badges will be picked up on-site

## TRADE SHOW HOURS

- ⊙ Thurs., Jan. 12, 4:15 - 7:45 p.m. (Reception)
- ⊙ Fri., Jan. 13, 10 a.m. - 2:45 p.m. (Lunch)
- ⊙ Don't miss the SAFE Silent Auction, and the Top 10+ Monitoring Tools for Turf session on the show floor by Dr. Larry Stowell: Thurs., Jan. 12, 5:30 - 6:30 p.m. and Fri., Jan. 13, 11:30 a.m. - 12:30 p.m.

## SCHEDULE AT A GLANCE

### Tues., Jan. 10

6:30 - 8 a.m.	Continental Breakfast
6:30 a.m. - 10 a.m.	Registration Open (Hyatt)
7 a.m. - 3:30 p.m.	Seminar on Wheels (optional)
3 - 7 p.m.	Registration Open (Conv. Cntr)
3:30 - 7:30 p.m.	Certification Exam
6 - 9 p.m.	Chapter Officers' Training

### Wed., Jan 11

6:30 - 8 a.m.	Continental Breakfast
6:30 a.m. - 7 p.m.	Registration Open
7 a.m. - 3:30 p.m.	Seminar on Wheels
7 a.m. - 4 p.m.	SAFE Golf Tournament
8 a.m. - 12:15 p.m.	Education
2 - 4 p.m.	Education
4:30 - 5:30 p.m.	Networking Sessions
5:45 - 6:45 p.m.	Committee Meetings
7 - 7:30 p.m.	First Timers' Reception
7:30 - 10 p.m.	Welcome Reception & Casino Night (NEW!)

### Thurs., Jan. 12

6:30 - 8 a.m.	Continental Breakfast
6:30 a.m. - 7 p.m.	Registration Open
6:45 - 7:45 a.m.	CSFM Breakfast
8 - 10 a.m.	General Session
10:15 - 11:45 a.m.	Student Session
10:30 - 11:45 a.m.	Education
12 - 1:15 p.m.	Annual Meeting & Lunch
1:30 - 4:15 P.M.	Education
4:15 - 7:45 p.m.	Trade Show & Reception

### Fri., Jan. 13

6:30 - 8 a.m.	Continental Breakfast
6:30 a.m. - 2 p.m.	Registration Open
6:45 - 7:45 a.m.	Past President's Breakfast
7 - 7:45 a.m.	Innovative Sessions
8 - 10 a.m.	Education
10 a.m. - 2:45 p.m.	Trade Show & Lunch
2:45 - 5 p.m.	Education
6:30 - 10 p.m.	Awards Reception and Banquet

# Long Beach 2012

The point you begin to consider synthetic turf through the entire lifecycle of the field will be detailed in a chronological explanation. Topics covered will include design elements, specification considerations, vendor selection, project management, care and maintenance requirements, and lifecycle planning.

Attendees will learn:

- How to professionally identify, select, and procure a synthetic turf system to meet sports specific needs at your facility.
- Best Practices for the professional care and maintenance of a synthetic turf surface to extend the useful life and enhance the ROI.
- Routine synthetic turf testing to optimize performance and maximize safety.

### STMA 209 – A Realistic Review of Maintenance Practices for Synthetic Turf Fields

**Thurs., Jan. 12, 10:30 - 11:45 a.m.**

Speaker: Mark Lucas, University of California – Davis

### STMA 221 – Synthetic Turf Removal, Reclamation, and Recycling

**Thurs., Jan. 12, 2:45 - 3:30 p.m.**

Speaker: Zach Burns, The Motz Group

### STMA 305 – A Review of the NFL Synthetic Turf Game Day Standards and Synthetic Turf Base Construction

**Fri., Jan. 13, 8 - 9 a.m.**

Speaker: Dr. Andrew McNitt, Penn State University

### STMA 306 – Sustainable Athletic Fields and Related Environmental Issues

**Fri., Jan. 13, 8 - 9 a.m.**

Speakers: Patrick Maguire, Activitas  
David Nardone, Stantec Sport

### STMA 317 – Artificial Turf Painting and Removal

**Fri., Jan. 13, 2:45 - 3:30 p.m.**

Speaker: Grant Davisson, Minnesota Vikings Football

## SUSTAINABILITY

### STMA 101 – Perceived and Real Environmental Impacts of Phosphorus

**Wed., Jan. 11, 8:00 - 10:00 a.m.**

Speakers: Dr. Gwen Stahnke, Washington State University - Puyallup  
Dr. Elizabeth Guertal, Auburn University  
Dr. Brian Horgan, University of Minnesota

### STMA 102 – A New Era in Sports Turf Management

**Wed., Jan. 11, 10:15 - 11:15 a.m.**

Speakers: Kevin Mercer, St. Mary's College of Maryland  
Jim Sluiter, Audubon International

### STMA 103 – Weed Control without Synthetic Herbicides

**Wed., Jan. 11, 11:15 a.m. - 12:15 p.m.**

Speaker: Dr. Douglas Linde, Delaware Valley College

The recent increase in public pressure to further restrict or ban synthetic pesticides on turfgrass has increased research on alternatives to synthetic pesticides. Currently there are very few viable alternatives to synthetic herbicides. Research from a study conducted from 2009-2011 investigates the effectiveness of 12 alternatives to synthetic herbicides for weed control in turfgrass. Results showed a wide range in weed control and cost. The results will be used to provide a basis for defining and describing alternatives to synthetic herbicides that could be used on sports fields. Field managers educated in this area will be better prepared to reduce reliance on

## 70% INFLOW RATE

## WATER MUST ENTER TO EVER EXIT!



💧 7 to 25 times higher inflow rate than most other systems

💧 Capable of withstanding over 11,000lbs/ft<sup>2</sup>



800.223.7015

hydraway.net

synthetic herbicides either voluntarily or if forced by legislation.

This presentation will focus on:

- Understanding the public pressure being put on turfgrass managers to reduce or eliminate pesticide use.
- Various alternatives to synthetic herbicides for turfgrass and their advantages and disadvantages.
- How to incorporate alternatives into a sports field weed control program.

**STMA 200 – Keynote Presentation: Meeting the Needs of Today without Compromising Tomorrow: Sustainable Sports Turf**  
**Thurs., Jan. 12, 8 - 9 a.m.**

Speaker: Dr. Frank Rossi, Cornell University

**STMA 208 – Environmental and Economic Considerations of Nitrogen Fertilization**  
**Thurs., Jan. 12, 10:30 - 11:45 a.m.**

Speaker: Dr. Brian Horgan, University of Minnesota

**AGRONOMIC**

**STMA 104 – Turfgrass Physiology for the Sports Turf Manager**

**Wed., Jan. 11, 2 - 4 p.m.**

Speaker: Dr. Tony Koski, Colorado State University

**STMA 107 & 205 – Back to Basics: Maintaining Natural Grass on Native Soil**

**Wed., Jan. 11, 2 - 4 p.m.**

**Repeated Thurs., Jan. 12, 10:30 - 11:45 a.m.**

Speaker: Brad Jakubowski, Doane College

**STMA 206 – Managing Turfgrasses During Drought**

**Thurs., Jan. 12, 10:30 - 11:45 a.m.**

Speaker: Dr. Ali Harivandi, University of California

Recreational facilities located in climates characterized by long, hot, dry summers must water turfgrasses to survive under hot, dry conditions. During drought conditions, cost and demand for water rises and facilities are under pressure to use water more efficiently. This presentation will focus on how turfgrasses use water, ability of turfgrasses to resist drought, irrigation practices, and smart cultural practices during drought conditions.

Attendees will learn:

- How to reduce irrigation water use dur-

ing water shortages to conserve water and cost and still keep turfgrasses alive.

- About soil-water-plant relationships to become more effective agronomists.
- How to modify other turfgrass management practices (mowing, fertilization, aeration) during water shortage periods to help turfgrass plants survive.

**STMA 212 – Comparison of Synthetic and Organic Fertilizers for Sports Turf**  
**Thurs., Jan. 12, 1:30 - 2:30 p.m.**

Speaker: Dr. Tony Koski, Colorado State University

**STMA 223 – Bermudagrasses: New Varieties for Sports Turf and Management Tips from the Pros**  
**Thurs., Jan. 12, 2:45 - 4:15 p.m.**

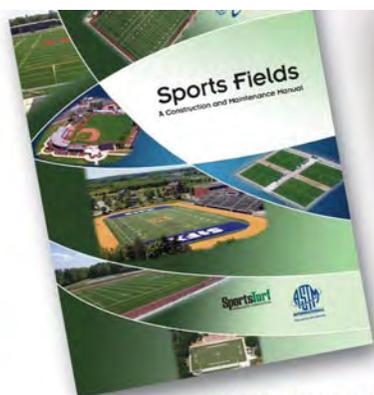
Speakers: Dr. John Sorochan, University of Tennessee

Dr. A.J. Powell, Jr., Retired – University of Kentucky

Darian Daily, Paul Brown Stadium

Leif Dickinson, Del Mar Thoroughbred Club

**STMA 224 – Cool Season Turfgrasses: New Varieties for Sports Turf and Management Tips from the Pros**



Order the Sports Fields:  
Construction and Maintenance Manual  
at [www.sportsbuilders.org](http://www.sportsbuilders.org)

For more information or to  
find an ASBA builder, supplier  
or professional visit us at  
[www.sportsbuilders.org](http://www.sportsbuilders.org) or  
call 1-866-501-ASBA (2722)



CEU-eligible program provider

*Build it Right*



Learn about our  
Certified Field Builder  
(CFB) program



## 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 2012 STMA Awards Banquet

### Thurs., Jan. 12, 2:45 - 4:15 p.m.

Speakers: Brad Park, Rutgers  
Dr. Gwen Stahnke, Washington State University - Puyallup  
Dr. John "Trey" Rogers III, Michigan State University  
Bill Deacon, New York Mets  
Tim VanLoo, CSFM, Iowa State University

### STMA 226 – Deciphering Your Soil Test Thurs., Jan. 12, 3:30 - 4:15 p.m.

Speaker: Dr. Elizabeth Guertal, Auburn University

### STMA 228 – Turfgrass Physiology: Solar Radiation is the Driving Force of Sports Turf Management

Thurs., Jan. 12, 3:30 - 4:15 p.m.  
Speaker: Dr. Karl Danneberger, Ohio State University

### STMA 301 – Kentucky Bluegrass – Monostand or Blend

Fri., Jan. 13, 7:15 – 7:30 a.m.  
Speaker: Dr. John "Trey" Rogers III, Michigan State University

### STMA 304 – Turfgrass Management in the Transition Zone

Fri., Jan. 13, 8 - 9 a.m.  
Speakers: Dr. A.J. Powell Jr., Retired – University of Kentucky  
Dr. John Sorochan – University of Tennessee

### STMA 307 – Sportsturf 101 - in Spanish - Céspedes Deportivos 101- En español Fri., Jan. 13, 8 - 10 a.m.

Speaker: Jose Makk, Natura Turf  
This seminar will provide a solid introduction to turfgrass management. Real cases will be presented that focus on turfgrass ecological impact, soil identification and common problems, nutrient balance, and turfgrass management and culture. The session will include a step by step approach to identify and diagnose some of the most common problems in turfgrass. Attendees will:

- Learn principles of good turfgrass management.

- Be guided through a step by step process to identify turfgrass problems.
- Have the opportunity to ask questions and receive answers to specific turfgrass problems.

### STMA 309 – Sports Turf PTI (Professional Turf Intelligence)

Fri., Jan. 13, 8 - 10 a.m.  
Speakers: Dr. Frank Rossi, Cornell University  
Dr. Roch Gaussoin, University of Nebraska

This session is a fast-paced debate style learning experience. Some of the toughest issues facing sports turf managers will be discussed, including synthetic versus natural turf care, low budget-high traffic, use of PGR's, resodding fields, and infield skin care. Inspired by the ESPN show "Pardon the Interruption" the instructors will outline topics from their perspective, face some challenging questions, and banter about broader issues facing sports turf managers. Bring your questions for this unique educational experience.

Attendees will:

- Increase their awareness of the latest research on field safety, plant nutrition, and species selection and use.
- Have conventional wisdom challenged that will result in increased awareness of the latest developments in sports turf management.
- Be able to improve their ability to communicate to field users about topics that might be controversial through their engagement in the PTI process.

### STMA 319 – Variety Selection and Management of Tall Fescue for Sports Fields Fri., Jan. 13, 2:45 - 3:30 p.m.

Speaker: Brad Park, Rutgers

### STMA 323 – John Mascaró's Photo Quiz Comes Alive

Fri., Jan. 13, 3:45 - 4:30 p.m.  
Speaker: John Mascaró, Turf-Tec International

## WATER

### STMA 105 – Sports Field Drainage - What Are Your Options?

Wed., Jan. 11, 2 - 4 p.m.  
Speaker: Ian Lacy, Institute of Groundsmanship

Sports field drainage is fundamental to the success or failure of a sports field. Climatic conditions and demands placed on facility usage and utilization make drainage an essential function of sports fields. This presentation will explore in detail the importance of drainage, types of

drainage options, advantages, disadvantages, and costs of each drainage option, function of drainage options, installation processes, and effects of maintenance programs on drainage.

There will be a focus on:

- The importance of sports field drainage and how it could affect your facility.
- Types of drainage options and how to identify the right option for your facility.
- Understanding how your maintenance program may be affecting sports field drainage.

### STMA 310 – Irrigation Water Quality Evaluation and Management

Fri., Jan. 13, 9:15 - 10 a.m.  
Speaker: Dr. Ali Harvandi, University of California

## BASEBALL

### STMA 106 – The Science of Skin Infields Wed., Jan. 11, 2 - 4 p.m.

Speakers: Clayton Hubbs, Stabilizer Solutions Inc.  
Barney Lopas, Angels Baseball Club  
Grant Trenbeath, Arizona Diamondbacks

### STMA 207 – Infield Skin Maintenance from Little League to the Pros

Thurs., Jan. 12, 10:30 - 11:45 a.m.  
Speaker: Bill Deacon, New York Mets

### STMA 227 – Paying Attention to Detail – Yearly Management at PETCO Park

Thurs., Jan. 12, 3:30 - 4:15 p.m.  
Speaker: Luke Yoder, San Diego Padres

This presentation will focus on baseball field management requirements over the course of one year at PETCO Park in San Diego, California. Topics covered include maintenance during the off-season, preparation for opening day, special projects, implementation of cultural practices, the fertility program, turf repairs, edge work, dirt work, special events, and the game day routine.

Attendees will learn:

- How to maximize the output of a below average crew size.
- How to fine tune in a way that will elevate your field status.
- How to balance your maintenance schedule around a full year of activities while still meeting expectations.

### STMA 303 – Understanding Pitching and Mound Maintenance at the College and Professional Level

Fri., Jan. 13, 8 - 9 a.m.  
Speaker: Larry DiVito, Minnesota Twins, Target Field

## 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!



## PROFESSIONAL DEVELOPMENT

### Networking Sessions

**Wed., Jan. 11, 4:30 - 5:30 p.m.**

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.

### STMA 201 – Keynote Presentation: Lead with Purpose

**Thurs., Jan. 12, 9-10 a.m.**

Speaker: Eric Boles

### STMA 202, 203, and 204 – These sessions can be found in the Student Activities sidebar.

### STMA 215 – Internships: Attracting Great Interns and Landing the Internship of Your Dreams

**Thurs., Jan. 12, 1:30 - 2:30 p.m.**

Speaker: Dr. Douglas Linde, Delaware Valley College

### STMA 315 – Managing the Problem Employee

**Fri., Jan. 13, 2:45 - 3:30 p.m.**

Speaker: Lisa Goatley, MS, LPC, New River Valley Community Services  
 Sports turf professionals have the difficult task of not only managing their fields, but of managing their employees as well. Most managers will face the unpleasant task of having to manage a problem employee at some point in their career. Strategies for managing problem employees will be presented with the goal of employee retention and improved morale. The decision about when termination is appropriate will also be addressed, along with suggestions to potentially avoid litigation or facilitate a successful outcome to litigation. After attending this session, the partici-

pant will be able to:

- Identify three types of problem employees and strategies to effectively respond to each type.
- Identify and implement ten ways to help problem employees to successfully change their behavior and performance in the workplace.
- Identify insubordinate behavior in employees and effectively respond to this type of behavior.

### STMA 321 – The Certification Process and Why You Should Become Certified

**Fri., Jan. 13, 3:45 - 4:30 p.m.**

Speakers: Mike Andresen, CSFM, Iowa State University  
 Tim VanLoo, CSFM, Iowa State University

### STMA 322 – Women's Forum

**Fri., Jan. 13, 3:45 - 4:30 p.m.**

Speaker: Lynda Wightman, Hunter Industries

### STMA 324 – Conference Wrap-Up: Hitting the Highlights of the 2012 Conference

**Fri., Jan. 13, 4:30 - 5:00 p.m.**

Speakers: Pamela Sherratt, Ohio State University  
 Dr. Michael Goatley, Virginia Tech  
 Wrap up your conference education experience with this interactive opportunity for learning. This session will provide a friendly atmosphere where you can network with conference attendees, speakers, and the 2011 and 2012 STMA Board of Directors. Connect with various industry professionals to solve problems and reflect on what you learned during the conference.

## PEST CONTROL

### STMA 210 & 320 – Reducing Annual Bluegrass (Poa annua) Populations in Cool Season Athletic Field Turf

**Thurs., Jan. 12, 10:30 - 11:45 a.m.**

**Repeated - Fri., Jan. 13, 2:45 - 3:30 p.m.**

Speakers: Dr. Bruce Branham, University of Illinois

Matt Giese, Syngenta

Annual bluegrass (Poa annua) is a problematic weed to control in cool season turf athletic fields due to its ability to tolerate low mowing heights, germinate rapidly, and elevated susceptibility to diseases, drought, and wear. This presentation will focus on annual bluegrass lifecycle and why it behaves as a perennial under turf culture, pre-emergence and post-emergence methods of control, soil seed bank supply, and cultural and mechanical control options. This presentation will provide attendees:

- A basic understanding of annual bluegrass biology and its adaptations/limitations.
- A review of management factors that favor/discourage annual bluegrass.
- A summary of control options and effectiveness along with current research regarding annual bluegrass control.

### STMA 214 – Renovation Tip: Using Herbicides to Prevent Weeds During Seeding of Cool Season Turfgrasses

**Thurs., Jan. 12, 1:30 - 2:30 p.m.**

Speaker: Dr. Roch Gaussoin, University of Nebraska

### STMA 217 – Pesticides: Perception Versus Reality

**Thurs., Jan. 12, 1:30 - 2:30 p.m.**

Speaker: Dr. Joseph Vargas, Jr., Michigan State University

### STMA 222 – Insect Control Update for 2012: an ever changing effort!

**Thurs., Jan. 12, 2:45 - 3:30 p.m.**

Speaker: Dr. David Shetlar, Ohio State University

### STMA 308 – The Principles of Turfgrass Disease Diagnostics, Control Options, Modes of Action, and Fungicide Resistance

**Fri., Jan. 13, 8 - 10 a.m.**

Speakers: Dr. Joseph Vargas, Jr., Michigan State University  
 Dr. Karl Danneberger, Ohio State University

**STMA 318 – Helpful or Harmful? Stinging Insects...Oh! My! What you didn't learn in turf school!**

**Fri., Jan. 13, 2:45 - 3:30 p.m.**

*Speaker: Dr. David Shetlar, Ohio State University Facility Management*

**STMA 211 – Selecting Sand-Dominated Rootzones for Sports Fields**

**Thurs., Jan. 12, 10:30 - 11:45 a.m.**

*Speaker: Dr. Andrew McNitt, Penn State University*

This presentation will go over the advantages and disadvantages to maintaining a sand-based rootzone. Focus will be on sand, soil, and organic matter selection, quality control during construction, and proper maintenance techniques long term. Attendees will learn:

- What a sand based rootzone does and does not provide the end user.
- How to identify a quality sand and understand the reason for organic matter additions.
- The quality control process of building a sand-based rootzone from pre bid rootzone approval through production and installation.

**STMA 213 – Four-Inch Sand Cap Renovation and Grow-in**

**Thurs., Jan. 12, 1:30 - 2:30 p.m.**

*Speaker: John Netwal, CGCS, North Scott Community Schools*

**STMA 219 – If You Build it They Will Come, But How Do You Maintain It?**

**Thurs., Jan. 12, 2:45 - 3:30 p.m.**

*Speaker: Mike Trigg, CSFM, Waukegan Park District*

**STMA 220 – Acquisition and Fleet Management**

**Thurs., Jan. 12, 2:45 - 3:30 p.m.**

*Speaker: Michael Nesdahl, The Toro Company*

**STMA 225 – Disaster Management and Crisis Communication**

**Thurs., Jan. 12, 2:45 - 4:15 p.m.**

*Speakers: Steve Wightman, Qualcomm Stadium*

*Grant Davisson, Minnesota Vikings Football  
Amy Fouty, CSFM, Michigan State University  
Intercollegiate Athletics*

There are times when all field managers are faced with events that don't always go as planned. Disasters, such as storms, equipment failure, and poor decisions, force the field manager to devise methods of recovery that still allow the game to be played. This presentation will take a look at various real life sport field disasters and the steps that were taken to mitigate

## CEUS

Many organizations recognize the caliber of STMA education and are awarding CEUs! STMA, GCSAA, NRPA, NIAAA, ASBA, and PLANET are awarding CEUs for the entire conference. Irrigation Association (IA) awards for these sessions: Wednesday - STMA 102; 104; 107; Thursday - STMA 205; 206; Friday - STMA 304; 310. American Society for Landscape Architects (ASLA) awards for these sessions: Wednesday - STMA 100; 101; 102; 103; 104; 105; 106; 107; Thursday - STMA 200; 205; 206; 207; 208; 209; 210; 211; 212; 213; 214; 225; Friday - STMA 303; 304; 305; 306; 307; 308. California Pesticide Recertification Credits can be earned for these sessions: Wednesday - STMA 103; 104; Thursday - STMA 210; 214; 217; 222; Friday - STMA 307; 308; 318; 320.

and recover from the disaster. Communication with various stakeholders during the disaster will also be a central point in the discussion.

Attendees will learn:

- The process of critical thinking that goes into dealing with disasters.
- Emergency actions that require "thinking outside the box."
- The importance of positive communication skills in dealing with all of the disaster stakeholders.

**STMA 229 – The Importance of Safety and Potential Liabilities for the Sports Turf Manager**

**Thurs., Jan. 12, 3:30 - 4:15 p.m.**

*Speaker: David Schlotthauer, Brigham Young University*

**STMA 311 – Economic and Environmental Considerations in Today's Sports Turf Management**

**Fri., Jan. 13, 9:15 - 10 a.m.**

*Speaker: Mark Lucas, University of California - Davis*

**STMA 313 – Using the Growth Regulator Trinexapac-ethyl on Bermudagrass Sports Fields**

**Fri., Jan. 13, 9:15 - 10 a.m.**

*Speaker: Leif Dickinson, Del Mar Thoroughbred Club*

**STMA 316 – How to Create a Zero Based Operating Budget**

**Fri., Jan. 13, 2:45 - 3:30 p.m.**

*Speaker: Don Savard, CSFM, CGM, Salesianum School*

## INDUSTRY DEVELOPMENTS

**STMA 216 – New Trends and Technology in Sports Turf**

**Thurs., Jan. 12, 1:30 - 2:30 p.m.**

*Speakers: Representatives from STMA Commercial Companies*

Ten of STMA's commercial companies have been selected at random to give a five-minute presentation to introduce and explain the benefits of a new or improved

product or service being offered. Participating companies include: DLF International Seeds, Innovative Base Technologies, Grigg Brothers, Stadium Grow Lighting, Carolina Green Corp., Redexim, Lebanon Turf, Hunter, ReadyPlay, and TXI Diamond Pro. This presentation will focus on the newest trends and technology currently available to sports turf managers.

**STMA 218 & 312 – Basic Principles of Sports Injuries**

**Thurs., Jan. 12, 1:30 - 2:30 p.m.**

**Repeated - Fri., Jan. 13, 9:15 - 10 a.m.**

*Speaker: Dr. Tim Hewett, Ohio State University*

**STMA 230 & 314 – Trade Show Demonstration – Top 10+ Monitoring Tools for Turf**

**Thurs., Jan. 12, 5:30 - 6:30 p.m.**

**Repeated - Fri., Jan., 13, 11:30 a.m. - 12:30 p.m.**

*Speaker: Dr. Larry Stowell, PACE Turf, LLC*  
Effective turf monitoring programs and accurate diagnostic procedures are essential for maintenance of high quality turf while ensuring environmental safety, staying within budget, and reducing inputs. This presentation will describe and demonstrate how to use tools that can help to prevent problems before they occur, as well as to diagnose problems after they appear. Tools discussed will range from simple, yet highly effective devices such as shoeboxes that can be used for easy irrigation audits, to sophisticated items, such as time domain reflectometry meters that can quantify soil moisture levels.

**STMA 300 – Remote Sensing Technology and Its Role in Sports Field Management**

**Fri., Jan. 13, 7 - 7:15 a.m.**

*Speaker: Dr. Jason Kruse, University of Florida*

**STMA 302 – The Use of Additional Light to Improve the Playing Quality in Stadiums**

**Fri., Jan. 13, 7:30 - 7:45 a.m.**

*Speaker: Gerard van't Klooster, SGL*

## Seminar on Wheels - 2 Days of Tours\*

**Tues., Jan. 10, 7 a.m. - 3:30 p.m.**

### - 4 Tour Stops

1. Hollywood Park Race Track, a 237-acre complex, with 36.3 acres of infield bermudagrass. Hear about the management practices for the tracks and concert venue, and see the horses in their stables.

2. The Home Depot Center, a 125-acre soccer complex that is home to the LA Galaxy and Chivas USA. It is also the USSF (United States Soccer Federation) training facility for the Men and Women's national teams all the way to their youth teams. Participants will be able to see the practice fields (one is Bandera Bermuda) and main stadium field (419 overseeded with perennial ryegrass), facilities and locker rooms. Participants will also see the only indoor velodrome (arena for track cycling) in North America!

3. MLB Urban Youth Academy is a 10-acre complex on the grounds of Compton Community College. It has two major league-dimensioned fields, batting cages, pitching mounds and two youth fields. The Academy is a not-for-profit charity that serves youth ages 5 through high school.

4. Blair Field is one of the few semi-professional baseball facilities in California. It was constructed in 1958 and has fostered local amateur baseball and hosted Moore League High School Football teams, and American Legion and Connie Mack seasons. The Chicago Cubs baseball team, the Los Angeles Rams football team and Olympic teams have used the site for practice. It is a popular location for the filming of commercials, television programs and movies.

**Wed., Jan. 11, 7 a.m. - 3:30 p.m.**

### - 4 Tour Stops

1. Rose Bowl Stadium, a National Historic Landmark built in 1922 and known mainly for the New Year's Tournament of Roses Football Game, the Rose Bowl Stadium has also earned its World-Class Reputation by hosting five NFL Super Bowl Games, the 1984 Olympic Soccer Matches, the 1994 Men's World Cup, the 1999 Women's World Cup, the 2002, 2006 and 2010 BCS National College Football Championship Games and numerous other memorable events over the past eighty plus years.

2. Dodger Stadium is a baseball-only stadium and has been the home of the Los Angeles Dodgers since opening in 1962. It is the third oldest ballpark in major league baseball. The Dodgers may be conducting developmental workouts so participants may not be able to go onto the field, but will have a close up view. If field access is allowed, participants will tour the field, field maintenance facilities, and the stadium.

3. Loyola Marymount University, home of the Lions, hosts 21 varsity sports. LMU has three NCAA Div. 1 fields for baseball, softball and soccer, and two club intramural fields, including one located on top of a parking structure.

4. California State University Long Beach sits on 322 acres and has a student population over 30,000. The climate is excellent for athletics and its 16 acres of athletic fields are used year-around. Users include campus clubs, intramurals, NCAA, camps and third party leases of fields by AYSO and other youth organizations. It also hosts the Southern California Special Olympics and has one of only three pyramid baseball stadiums in the U.S.

to retest on those sections on Saturday. To find out if you qualify for the certification program, call STMA at 800-323-3875.

## ASBA Certified Builder Exam\*

**Sat., Jan. 14, 8 a.m. - 1 p.m.**

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 test, go to [www.sportsbuilders.org](http://www.sportsbuilders.org). The deadline to submit your application is Dec. 15. In addition, those testing must register for the STMA conference, purchasing a one-day conference and education package at a minimum. (See the Registration form). Questions? Contact ASBA, 866-501-2722.

# SAFE

The Foundation for Safer Athletic Fields

## SAFE Golf Tournament\*

**Wed., Jan. 11, 7 a.m. - 4 p.m.**

Industry Hills Golf Club at Pacific Palms This 36-hole championship golf course is one of California's most historical and noteworthy golf facilities. Rated by Golf Digest as the only four-star experience in Los Angeles County and designated as the Best Golf Course of 2010 by NGCOA, the course offers 36 holes spanning 650 acres. Its unique layout incorporates 160 sand bunkers, eight lakes and bentgrass greens. The course recently underwent a five-year multi-million dollar renovation. Transportation, lunch, hole-in-one prize and other contest prizes included. Attendance is limited to the first 144 participants who register. All proceeds will support SAFE's scholarships and educational outreach efforts.

## Chapter Officer Training - for Chapter Board Members

**Tues., Jan. 10, 6 - 9 p.m.**

**(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. Pre-registration is required. (See Registration form)

\*Additional fee and pre-registration required

## SAFE FUNDRAISERS

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

- SAFE Casino Night at the Welcome Reception
- 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](mailto:STMAInfo@STMA.org).



## STMA Certification Exam\*

**Tues., Jan. 10, 3:30 - 7:30 p.m. & Sat.,  
Jan. 14, 8 a.m. - 12 p.m.**

Pre-qualification and pre-registration by Dec. 15 is required for those who wish to take the exam during the STMA Conference. If you test on Tuesday and do not pass all of the sections, you may be able

## STUDENT ACTIVITIES

*Sponsored by Hunter Industries*

Students are welcome and encouraged to attend all that the conference offers. Based on student feedback, STMA has also developed several student-specific events.

### **Student Networking Session** **Wed., Jan. 11, 4:30 - 5:30 p.m.**

### **Student Education Sessions**

**Thurs., Jan. 12, 10:15 - 11:45 a.m.**

STMA 202 - The "Real" Story of Being an NFL Sports Field Manager  
Speaker: Darian Daily, Paul Brown Stadium

STMA 203 - Broaden Your Horizons Through International Experiences

Speaker: Ian Lacy, Institute of Groundsmanship

STMA 204 - What it Takes to be a MLB Field Maintenance Manager

Speaker: Larry DiVito, Minnesota Twins, Target Field

### **STMA Student Challenge**

*Presented by SAFE and Founding Partner Hunter Industries*

**Fri., Jan. 13, 8 - 10:30 a.m.**

Participants receive FREE conference registration by competing in the challenge. Pre-registration is required (see Registration Form). The SAFE Foundation awards the winning two-year team and the winning four-year team \$4,000 each.

## 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](http://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 Long Beach Westin or the Hyatt Long Beach, the official hotels of the STMA Conference and Exhibition, at the exclusive rates offered to attendees. These rates are good through Dec. 20, 2011, so book early because they could, and likely will, sell out. Go to [www.STMA.org](http://www.STMA.org) to make your reservation today!
- Check [www.STMA.org](http://www.STMA.org) and keep an eye on your inbox to keep up with the latest information about the conference.

# WE'VE GOT YOU COVERED

EITHER WAY, YOU'LL WIN WITH TURFCO® SPORTSFIELD TOPDRESSERS



**WIDESPIN™ CR-7**

- ▶ Broadcast up to 40 feet for maximum productivity
- ▶ Patented WideSpin™ technology gives you the perfect spread with the least adjustments from light to heavy
- ▶ Spinner angle adjusts up and down for maximum versatility



**METE-R-MATIC® XL**

- ▶ Just hook up and go—ground-drive system means no hydraulics or speed calibration
- ▶ 60" drop spreader with extra large hopper capacity for less reloading
- ▶ Patented Chevron® belt ensures uniform application of all types of materials, regardless of moisture content



[WWW.TURFCO.COM](http://WWW.TURFCO.COM)

**Demo TURFCO on your field — call 800-679-8201 today.**

TURFCO MANUFACTURING, INC. | 1655 101st Ave. NE | Minneapolis, MN 55449-4420 | TOLL FREE 800-679-8201

# List of Exhibitors

- |  |   |   |  |
|--|---|---|--|
| <p><b>A Turf, Inc.</b> <b>940</b><br/> <b>Cheektowaga NY</b><br/>                     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.<br/> <a href="http://www.aturf.com">www.aturf.com</a></p> | <p><b>Aquatrols</b> <b>729</b><br/> <b>Paulsboro NJ</b><br/>                     Products that help to improve and maintain your root zone environment.<br/> <a href="http://www.aquatrols.com">www.aquatrols.com</a></p>   | <p><b>Beacon Athletics</b> <b>418</b><br/> <b>Middleton WI</b><br/>                     Supplies soil amendments, field maintenance equipment, custom netting, padding, windscreens and more.<br/> <a href="http://www.beaconathletics.com">www.beaconathletics.com</a></p>   | <p><b>Carolina Green Corp.</b> <b>704</b><br/> <b>Indian Trail NC</b><br/>                     Licensed sports field contractor specializing in the design, construction, renovation and maintenance of native or modified soil and sand based fields.<br/> <a href="http://www.cgcfields.com">www.cgcfields.com</a></p>                                       |
| <p><b>A-G Sod Farms, Inc.</b> <b>1232</b><br/> <b>Riverside CA</b><br/>                     Growers of quality turfgrass since 1969. We provide rolls, slabs, big roll, stolons and sprigs.<br/> <a href="http://www.agsod.com">www.agsod.com</a></p>  | <p><b>Armacell</b> <b>1140</b><br/> <b>Mebane NC</b><br/>                     A global leader in foam technology, premium turf underlayments and padding systems for athletic and recreational surfaces. Superior shock attenuation, faster installation, patent-pending drainage systems.<br/> <a href="http://www.armacell.us">www.armacell.us</a></p>  | <p><b>Becker Underwood, Inc.</b> <b>203</b><br/> <b>Ames IA</b><br/>                     Manufacturer of Green Lounger, turf paint products, sprint iron, biostimulants and other turf management products.<br/> <a href="http://www.beckerunderwood.com">www.beckerunderwood.com</a></p>   | <p><b>Country Stone-Redfield</b> <b>934</b><br/> <b>Milan IL</b><br/>                     Red lava infield topdressing and warning track mix used on baseball and softball fields from little league to major league.<br/> <a href="http://www.countrystone.com">www.countrystone.com</a></p>  |
| <p><b>Advanced Drainage Systems, Inc.</b> <b>1137</b><br/> <b>Hilliard OH</b><br/>                     Leading manufacturer of corrugated polyethylene pipe and related drainage pipe and fittings.<br/> <a href="http://www.ads-pipe.com">www.ads-pipe.com</a></p>  | <p><b>AstroTurf®</b> <b>1006</b><br/> <b>Dalton GA</b><br/>                     The legendary AstroTurf® brand offers advance, state-of-the-art, multi-sport and specialized synthetic turf systems with proprietary engineered technologies leveraging the industries first vertically integrated manufacturing system.<br/> <a href="http://www.astroturfusa.com">www.astroturfusa.com</a></p>                      | <p><b>Buffalo Turbine LLC</b> <b>1034</b><br/> <b>Springville NY</b><br/>                     Since 1945, Buffalo Turbine has used "Turbine Technology" with our vast number of blowers and sprayers.<br/> <a href="http://www.buffaloturbine.com">www.buffaloturbine.com</a></p>   | <p><b>Covermaster Inc.</b> <b>104</b><br/> <b>Rexdale Ontario Canada</b><br/>                     A leading supplier of baseball/football athletic field covers, mound and plate covers, turf growth blankets, turf protective systems and protective wall padding.<br/> <a href="http://www.covermaster.com">www.covermaster.com</a></p>                      |
| <p><b>Aer-Flo, Inc.</b> <b>732</b><br/> <b>Oneco FL</b><br/>                     Aer-Flo, Inc. manufactures unique sports covers, including patented Wind Weighted® Baseball Tarps and Bench Zone™ Sideline Turf Protectors.<br/> <a href="http://www.aerflo.com">www.aerflo.com</a></p>   | <p><b>Bannerman LTD</b> <b>307</b><br/> <b>Rexdale Ontario Canada</b><br/>                     Aeration equipment, large turf rollers, topdressing machines, infield groomers, wet and dry liners, overseeding equipment and turf combs.<br/> <a href="http://www.sportsturfmagic.com">www.sportsturfmagic.com</a></p>  | <p><b>Burnside Services, Inc.</b> <b>1019</b><br/> <b>Navasota TX</b><br/>                     We are a family owned and operated athletic field construction company built on integrity, productivity and quality. We have specialized in all types of high quality field construction for over twenty years.<br/> <a href="http://www.burnside-services.com">www.burnside-services.com</a></p>  | <p><b>Cover Sports</b> <b>906</b><br/> <b>Philadelphia PA</b><br/>                     Manufacturer of products for athletic surfaces - rain tarps, turf blankets/growth covers, turf protection covers, standing wall padding, track protectors, fence screen and fence-top protection.<br/> <a href="http://www.coversports.com">www.coversports.com</a></p> |
| <p><b>AerWay</b> <b>836</b><br/> <b>Norwich Ontario Canada</b><br/>                     AerWay produces a full line of Turf Aeration Solutions. AerWay aerators are available starting at 45" all the way up to 15' wide - in both 3-Point and Pull Type configurations.<br/> <a href="http://www.aerway.com">www.aerway.com</a></p>   | <p><b>Barenbrug USA</b> <b>211</b><br/> <b>Tangent OR</b><br/>                     Barenbrug USA is an Oregon-based grass seed research company, selling turf and forage seed through a wholesale distribution network across the USA.<br/> <a href="http://www.barusa.com">www.barusa.com</a></p>  | <p><b>Bush Sports Turf</b> <b>1035</b><br/> <b>Milan IL</b><br/>                     Analysis, renovation and construction of athletic fields.<br/> <a href="http://www.bushturf.com">www.bushturf.com</a></p>  | <p><b>Dakota Peat &amp; Equipment</b> <b>700</b><br/> <b>East Grand Forks MN</b><br/>                     Manufacturer of top dressing equipment and supplier of peat, blending and testing.<br/> <a href="http://www.dakotapeat.com">www.dakotapeat.com</a></p>   |
| <p><b>The Andersons</b> <b>828</b><br/> <b>Maumee OH</b><br/>                     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.<br/> <a href="http://www.andersonsinc.com">www.andersonsinc.com</a></p>                         | <p><b>Barkshire Laser Leveling, Inc.</b> <b>501</b><br/> <b>San Clemente CA</b><br/>                     Since 1998, Barkshire Laser Leveling, Inc. has provided premier fine finish laser grading services on sportsfields and golf courses. Additional services include renohatching and renovation along with laser topdressing.<br/> <a href="http://www.barkshireleveling.com">www.barkshireleveling.com</a></p> | <p><b>C &amp; H Baseball, Inc.</b> <b>630</b><br/> <b>Eagle ID</b><br/>                     C &amp; H Baseball is the industry's leader in new stadium construction netting and field equipment. Supplying and installing field wall padding, windscreen, barrier nets, batting tunnels and artificial turf. We have successfully become a "one-stop" shop for all of your stadium needs.<br/> <a href="http://www.chbaseball.com">www.chbaseball.com</a></p> | <p><b>Desso Sports System</b> <b>1124</b><br/> <b>Belgium</b><br/>                     Desso DLW Sports Systems is a manufacturer and supplier of outdoor sports surfacing solutions.<br/> <a href="http://www.dessosports.com">www.dessosports.com</a></p>  |

- Diamond Pro** 427  
**Dallas TX**  
Provides groundskeepers nationwide a complete line of professional grounds keeping products and equipment.  
www.diamondpro.com
- DLF International Seeds** 813  
**Halsey OR**  
The DLF Trifolium Group, of which DLF International Seeds is a member, is the world's largest producer and marketer of grass and clover seed. From the center of seed production in Halsey, Oregon, DLF International Seeds provides outstanding service to your distribution network.  
www.dlffis.com
- DryJect, Inc** 1010  
**Hatboro PA**  
We are a patent aeration service with Service Centers that can amend your turf almost anywhere in the world. We also supply the new revolutionary Drainage PC system that can be installed into existing turf with minimal disruption.  
www.dryject.com
- DuPont Professional Products** 400  
**Brandenburg KY**  
DuPont has a vision to become the world's most dynamic science company, creating sustainable solutions essential to a better, safer, healthier life for people everywhere. DuPont Professional Products brings the company's 200-year tradition of science and innovation to the global pest management, turf/ornamentals, sports turf and golf industries.  
www.proproducts.dupont.com
- EarthWorks Natural Organic Products** 805  
**Easton PA**  
Earthworks provides dry organic, liquid organics, soil amendments and soil testing.  
www.soilfirst.com
- ECO Chemical** 824  
**Seattle WA**  
Manufacturers of 1) the first and best removable paint and equipment for synthetic turf fields and 2) an innovative dehydrated paint for grass fields that ships in a cardboard box.  
www.eco-templine.com
- EP Minerals** 501  
**Reno NV**  
EP Minerals manufactures Axis® Premium Soil Amendments and PlayBall!® Premium Infield Conditioners. Axis conserves water for the plants and converts sandy soil or compacted clay into healthy soil. PlayBall! Provides a firm, dry, and dust-free infield surface in all conditions.  
www.epminerals.com
- Engage Agro USA** 1241  
**Prescott AZ**  
Engage Agro USA specializes in crop protection and nutritional products for agricultural, turf, industrial, and niche crop markets in the United States.  
www.engageagrousa.com
- Ewing** 616  
**Phoenix AZ**  
Wholesale distributor in 19 states providing turf professionals' quality products and services.  
www.ewing1.com
- Fairmount Sports and Recreation** 305  
**Chardon OH**  
High purity silica sand for sports fields, synthetic turf, and recreational areas.  
www.fairmount-sports.com
- FieldTurf** 811  
**Montreal Quebec Canada**  
The world leader in artificial turf.  
www.fieldturf.com
- FieldWallPads.com by SportsGraphics** 1134  
**Clarion IA**  
The nations leading protective padding manufacturer with in house digital print capabilities.  
www.sportsgraphicsinc.com
- First Products Inc** 515  
**Tifton GA**  
Manufacturer of the only patented vibrating tine aera-vators. Equipment use includes aerating, primary seeding, overseeding, verti-cutting and incorporated topdressing.  
www.1stproducts.com
- Fleet US** 406  
**Dakota City NE**  
Manufacturers of high quality marking machines and paints for sports fields and hard surfaces.  
www.fleetus.com
- G2 Turftools, Inc.** 1040  
**Athens AL**  
G2 Turftools is a company dedicated to providing precision turf equipment for sports fields and golf courses. Its mission is to provide experienced quality turf managers with high quality products that make their jobs more cost effective and help them establish a new level of playability and aesthetically beautiful turf.  
www.g2turftools.com
- Gail Materials** 936  
**Corona CA**  
Southern California's leading supplier for infield materials and packing clays.  
www.gailmaterials.net
- Golf & Sport Solutions** 1234  
**La Salle CO**  
Providing infield mixes and specialty aggregate products for golf courses and athletic fields.  
www.golfandsportsolutions.com
- Graco Inc.** 300  
**Minneapolis MN**  
Market leader in airless line striping. Full line of products from walk-behind to self-propelled.  
www.graco.com
- Graff's Turf Farms, Inc.** 835  
**Fort Morgan CO**  
High quality turfgrass suited for golf and athletic surfaces including Short Cut/Low Mow, USGA Spec Sand grown bentgrasses, Texas Hybrids, custom grows and custom harvests. Services include tearouts, installation, preparation and maintenance.  
www.graffsturfarms.com
- GreensGroomer WorldWide, Inc.** 610  
**Indianapolis IN**  
Manufacture turf-conditioning equipment for grooming, compaction relief, debris removal, and sterilization or natural and synthetic turf surfaces.  
www.greensgroomer.com
- GreenOne Industries, Inc.** 306  
**Sedalia CO**  
Sports field construction, renovation, maintenance, and drainage company serving the U.S.  
www.greenoneindustries.com
- Grigg Brothers** 523  
**Albion ID**  
High quality foliar, granular fertilizers and amendments.  
www.griggbros.com
- Gro-Power, Inc.** 202  
**Chino CA**  
Manufacturer of humus-based fertilizers and soil conditioners. Premium Green Products for high-maintenance sports turf.  
www.gropower.com
- Harper Industries Inc.** 728  
**Harper KS**  
Manufacturer of debris management equipment.  
www.harperindustries.com
- Harsco Minerals** 815  
**Sarver PA**  
Excellerator is a premier specialty fertilizer that provides soluble silicon for wear tolerance and stress relief with micros.  
www.harscominerals.com
- Hunter Industries** 622  
**San Marcos CA**  
Hunter is a worldwide leader of innovative irrigation products, including rotors, sprays, valves and control systems for commercial and sports turf applications.  
www.hunterindustries.com
- Hydraway Drainage Systems** 714  
**Belleville IL**  
Sports Turf drainage systems for natural & synthetic turf.  
www.hydraway.net
- Imants - Campey** 800  
**Reusel Netherlands**  
Europe's leading manufacturer of turf-care and grounds-maintenance equipment.  
www.imants.com
- Jacklin Seed Company** 731  
**Post Falls ID**  
Producers and marketers of world class turf seed.  
www.jacklin.com
- Jacobsen, A Textron Company** 924  
**Charlotte NC**  
Serves the golf, sports field and commercial grounds care markets with a full range of precision mowers, aera-tors, utility vehicles and sprayers.  
www.jacobsen.com
- Johnston Seed Company** 1016  
**Enid OK**  
Producer of Riviera Bermuda grass. A truly superior quality, cold-tolerant Bermuda.  
www.Johnstonseed.com

- |   |  |   |   |
|---|--|---|---|
| <p><b>Kifco, Inc.</b> <b>1331</b><br/> <b>Havana IL</b><br/>           U.S. manufacturer of water reel portable irrigation systems. Most trusted name in water reels.<br/> <a href="http://www.kifco.com">www.kifco.com</a></p>   | <p><b>Lidochem, Inc.</b> <b>1136</b><br/> <b>Hazlet NJ</b><br/>           Lidochem's performance nutrition division develops and markets unique and effective organic and conventional plant nutrients, chelated micronutrients, bio pesticides, eco fertilizers, soil amendments and biostimulants. Most products are patented or patent pending and are safe for the environment, the applicator and the consumer.<br/> <a href="http://www.performancefertilizers.com">www.performancefertilizers.com</a></p> | <p><b>Nature Safe Natural and Organic Fertilizers</b> <b>507</b><br/> <b>Cold Spring KY</b><br/>           Nature Safe Fertilizers are derived from natural sources containing no waste by-products. The all natural ingredients in Nature Safe are premium animal proteins that provide a balanced nutritional program for the soil and the plant.<br/> <a href="http://www.naturesafe.com">www.naturesafe.com</a></p>                             | <p><b>Pioneer Athletics</b> <b>421</b><br/> <b>Cleveland OH</b><br/>           Pioneer Athletics is the leading developer and manufacturer of natural and synthetic grass field marking paints and striping equipment. Founded in 1905, Pioneer is the teammate of over 25,000 high schools, universities, and professional athletic organizations.<br/> <a href="http://www.pioneerathletics.com">www.pioneerathletics.com</a></p> |
| <p><b>Kocheck Company</b> <b>817</b><br/> <b>Putnam CT</b><br/>           Kocheck is an American manufacturer of nozzles, hose and irrigation equipment.<br/> <a href="http://www.kocheck.com">www.kocheck.com</a></p>  | <p><b>Louisville Slugger Game Time Sports Systems</b> <b>733</b><br/> <b>Northbrook IL</b><br/>           We offer Louisville Slugger branded products that are specialized for Baseball/Softball field grounds keeping. These products are used by professional sports teams, schools, municipalities and youth leagues. Our mission is to bring the highest quality products to every level of play.<br/> <a href="http://www.gametimesportssystem.com">www.gametimesportssystem.com</a></p>                   | <p><b>Newstripe Inc.</b> <b>810</b><br/> <b>Aurora CO</b><br/>           Newstripe is a manufacturer of paint striping machines, drags infield groomers, layout systems and logo stencils.<br/> <a href="http://www.newstripe.com">www.newstripe.com</a></p>  | <p><b>Port Industries Inc.</b> <b>420</b><br/> <b>Palmyra MO</b><br/>           Distribution of drainage and related equipment.<br/> <a href="http://www.portindustries.com">www.portindustries.com</a></p>   |
| <p><b>Kromer Co., LLC</b> <b>640</b><br/> <b>Plymouth MN</b><br/>           Providing groomers and painters that increase productivity and quality printing systems.<br/> <a href="http://www.kromerco.com">www.kromerco.com</a></p>  | <p><b>MAC Athletics, Inc.</b> <b>912</b><br/> <b>Minster OH</b><br/>           The "MAC Machine" is the only machine you need for your facility maintenance, because it is multiple machines in one! Whether you need to grade, roll, cut, fill, nail, drag, thatch, aerate, or just final dress your field, this all-in-one machine can save you hours of time and money, not to mention storage space and investment dollars.<br/> <a href="http://www.macathletix.com">www.macathletix.com</a></p>            | <p><b>Oakwood Sod Farm, Inc</b> <b>1007</b><br/> <b>Delmar MD</b><br/>           Oakwood Sod produces high quality sand based Patriot Bermuda Sod and Sprigs to athletic fields and golf courses in the transition zone.<br/> <a href="http://www.oakwoodsod.com">www.oakwoodsod.com</a></p>  | <p><b>PortaFloor by Sport Court International</b> <b>632</b><br/> <b>Salt Lake City UT</b><br/>           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.<br/> <a href="http://www.portafloor.com">www.portafloor.com</a></p>   |
| <p><b>Krylon Products Group</b> <b>801</b><br/> <b>Cleveland OH</b><br/>           Krylon is a leading manufacturer of athletic field striping paints in both aerosol and bulk. We can help make your fields look their best with the brightest whites and best coverage in the industry.<br/> <a href="http://www.ki-lineup.com">www.ki-lineup.com</a></p>   | <p><b>Missouri Turf Paint</b> <b>628</b><br/> <b>Kansas City MO</b><br/>           Providers of turf paint, stencils, application equipment and field lining systems.<br/> <a href="http://www.missouriturfpaint.com">www.missouriturfpaint.com</a></p>  | <p><b>Peat Inc.</b> <b>201</b><br/> <b>Elk River MN</b><br/>           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.<br/> <a href="http://www.peatinc.com">www.peatinc.com</a></p>   | <p><b>Precision Laboratories, Inc.</b> <b>1107</b><br/> <b>Waukegan IL</b><br/>           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.<br/> <a href="http://www.precisionlab.com">www.precisionlab.com</a></p>  |
| <p><b>Kwik Goal</b> <b>1237</b><br/> <b>Quakertown PA</b><br/>           Leading manufacturer of high quality, durable, safety tested sports listed equipment.<br/> <a href="http://www.kwikgoal.com">www.kwikgoal.com</a></p>  | <p><b>Motz Group, The</b> <b>737</b><br/> <b>Cincinnati OH</b><br/>           Design/build and construction of high performance natural and synthetic turf sports fields.<br/> <a href="http://www.themotzgroup.com">www.themotzgroup.com</a></p>  | <p><b>Pennington Seed, Inc.</b> <b>405</b><br/> <b>Madison GA</b><br/>           Premier grass seed company bringing the best varieties to the sports turf managers for their particular needs.<br/> <a href="http://www.penningtonseed.com">www.penningtonseed.com</a></p>   | <p><b>Pro's Choice</b> <b>820</b><br/> <b>Barrington IL</b><br/>           Review top soil conditioners since 1941. We are the industry standard.<br/> <a href="http://www.proschoice1.com">www.proschoice1.com</a></p>   |
| <p><b>Landscapes Unlimited, LLC</b> <b>401</b><br/> <b>Lincoln NE</b><br/>           Our Recreational Development Group's expertise in landscaping, irrigation, drainage and laser grading has been instrumental in our capabilities to create high-class sports fields (natural or synthetic), trails, practice fields and parks.<br/> <a href="http://www.landscapesunlimited.com">www.landscapesunlimited.com</a></p>  | <p><b>Natural Sand Company, Inc.</b> <b>534</b><br/> <b>Slippery Rock PA</b><br/>           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.<br/> <a href="http://www.naturalsand.com">www.naturalsand.com</a></p>   | <p><b>Penn State World Campus of The Pennsylvania State University</b> <b>1224</b><br/> <b>University Park, PA</b><br/>           Learn how to manage sports turf in any climate; Penn state World Campus online turfgrass degrees and certificates are identical to those earned on campus and taught by the same respected faculty.<br/> <a href="http://www.worldcampus.psu.edu/sports-turf.com">www.worldcampus.psu.edu/sports-turf.com</a></p> | <p><b>Quali-pro</b> <b>505</b><br/> <b>Raleigh NC</b><br/>           Providing quality turf protection products for the sports field industry.<br/> <a href="http://www.quali-pro.com">www.quali-pro.com</a></p>  |
| <p><b>Laser-Grader Manufacturing</b> <b>1018</b><br/> <b>Smithfield RI</b><br/>           The Laser-Grader®, Model 106-6WD is a laser-guided precise finish-grading machine. This compact machine offers a unique blend of accuracy, production capacity and versatility, and has become the preferred grading method of the major league venues.<br/> <a href="http://www.laser-grader.com">www.laser-grader.com</a></p> | <p><b>Pickseed</b> <b>807</b><br/> <b>Tangent OR</b><br/>           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.<br/> <a href="http://www.pickseed.com">www.pickseed.com</a></p>   | <p><b>Penn State World Campus of The Pennsylvania State University</b> <b>1224</b><br/> <b>University Park, PA</b><br/>           Learn how to manage sports turf in any climate; Penn state World Campus online turfgrass degrees and certificates are identical to those earned on campus and taught by the same respected faculty.<br/> <a href="http://www.worldcampus.psu.edu/sports-turf.com">www.worldcampus.psu.edu/sports-turf.com</a></p> | <p><b>Rain Bird</b> <b>712</b><br/> <b>Rochester Hills MI</b><br/>           Rain Bird is the leading manufacturer of sports turf rotors, valves and control systems.<br/> <a href="http://www.rainbird.com">www.rainbird.com</a></p>   |
| <p><b>Ready Play</b> <b>900</b><br/> <b>Lubbock TX</b><br/>           Ready Play has brand new patented technology that helps maintain moisture in playing surfaces, as well as enhances turf and skinned areas in sports fields.<br/> <a href="http://www.readyplaysports.com">www.readyplaysports.com</a></p>   |  |   |   |

- |  |   |  |  |
|--|---|--|--|
| <p><b>Redexim North America</b> 518<br/><b>Fenton MO</b><br/>Manufacturer of specialized turf and ground care equipment produced especially for aeration, seeding, top-dressing and environmental maintenance.<br/><a href="http://www.redexim.com">www.redexim.com</a></p> <p><b>Schmitz Foam Products – ProPlay USA</b> 1231<br/><b>Harley ID</b><br/>Schmitz Foam Products has supplies shock and drainage pads for synthetic turf and playgrounds.<br/><a href="http://www.schmitzfoam.com">www.schmitzfoam.com</a></p> <p><b>Scotts Professional Seed</b> 918<br/><b>Madison WI</b><br/>Supplier of top quality turf grass seed. Full range of products for all your needs.<br/><a href="http://www.scottsproseed.com">www.scottsproseed.com</a></p> <p><b>Seed Research of Oregon</b> 925<br/><b>Corvallis OR</b><br/>Performance seed company with a full range of products including bent grass, cool season and warm season turf.<br/><a href="http://www.sroseed.com">www.sroseed.com</a></p> <p><b>Signature Fencing &amp; Flooring Systems</b> 833<br/><b>New York NY</b><br/>We manufacture turf protection systems for concerts, stadiums, and special events.<br/><a href="http://www.stadiumflooring.com">www.stadiumflooring.com</a></p> <p><b>Smithco Inc.</b> 832<br/><b>Wayne PA</b><br/>Manufacturers of premier Sports Turf equipment. We provide solutions for today's professional grounds manager.<br/><a href="http://www.smithco.com">www.smithco.com</a></p> <p><b>Sod Solutions Inc.</b> 422<br/><b>Mt. Pleasant SC</b><br/>Researching, developing and promoting improved turfgrass varieties worldwide.<br/><a href="http://www.sodsolutions.com">www.sodsolutions.com</a></p> <p><b>Southern Athletic Fields, Inc.</b> 528<br/><b>Columbia TN</b><br/>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.<br/><a href="http://www.mulemix.com">www.mulemix.com</a></p> | <p><b>Sports Construction Management, Inc.</b> 1012<br/><b>Linwood NC</b><br/>General contractor specializing in athletic field construction and renovation.<br/><a href="http://www.sprtsconstructionmanagement.com">www.sprtsconstructionmanagement.com</a></p> <p><b>SportsEdge</b> 1119<br/><b>Troutman NC</b><br/>Manufacturer/supplier of surface and sub-surface drain systems, football goals, soccer goals, and track equipment.<br/><a href="http://www.sportsedge.com">www.sportsedge.com</a></p> <p><b>Sports Field Management Magazine</b> 1117<br/><b>St. Johnsbury VT</b><br/>We are a monthly trade publication for field care professionals managing playing fields nationwide. Subscriptions are free to qualified subscribers.<br/><a href="http://www.sportsfieldmanagementmagazine.com">www.sportsfieldmanagementmagazine.com</a></p> <p><b>Sportsfield Specialties</b> 1011<br/><b>Delhi NY</b><br/>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.<br/><a href="http://www.sportsfieldspecialties.com">www.sportsfieldspecialties.com</a></p> <p><b>Sportsturf Magazine</b> 521<br/><b>Palm Springs CA</b><br/>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.<br/><a href="http://www.stma.org">www.stma.org</a></p> <p><b>Sports Venue Padding by Artistic Coverings</b> 1041<br/><b>Cerritas CA</b><br/>Premier manufacturer of standing wall padding, rail padding, custom solutions, gate pads and direct to print sponsor advertising on colored fabric. Won't peel, tear, or crack.<br/><a href="http://www.sportsvenuepadding.com">www.sportsvenuepadding.com</a></p> <p><b>Sprinturf</b> 1235<br/><b>King of Prussia PA</b><br/>Sprinturf is a manufacturer and installer of synthetic turf systems and the only fully integrated synthetic turf company in the industry.<br/><a href="http://www.sprinturf.com">www.sprinturf.com</a></p> | <p><b>Stabilizer Solutions</b> 205<br/><b>Phoenix AZ</b><br/>Infield mixes, mound mixes, custom blends. Worldwide stabilization products.<br/><a href="http://www.stabilizersolutions.com">www.stabilizersolutions.com</a></p> <p><b>STEC Equipment</b> 511<br/><b>Sandy Spring SC</b><br/>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.<br/><a href="http://www.stecequipment.com">www.stecequipment.com</a></p> <p><b>SubAir Systems</b> 301<br/><b>Graniteville SC</b><br/>SubAir Sport aeration and moisture removal system promotes healthier, stronger playing surfaces through moisture content management, sub-surface aeration, and root temperature control.<br/><a href="http://www.subairsystems.com">www.subairsystems.com</a></p> <p><b>Syngenta Professional Products</b> 200<br/><b>Greensboro NC</b><br/>Syngenta is the leading manufacturer of fungicides, herbicides, and insecticides and plant growth regulators.<br/><a href="http://www.greencastonline.com">www.greencastonline.com</a></p> <p><b>Synthetic Turf Council</b> 736<br/><b>Atlanta GA</b><br/>Association representing builders, manufacturers, suppliers, consultants, designers and service companies in the synthetic turf industry.<br/><a href="http://www.syntheticurf.org">www.syntheticurf.org</a></p> <p><b>Terraplas USA, Inc.</b> 100<br/><b>Kilgore TX</b><br/>"Protecting your turf as if it were our own" since 1994. Terraplas USA is the world's #1 turf protection system.<br/><a href="http://www.terraplasusa.com">www.terraplasusa.com</a></p> <p><b>Tiger Turf</b> 1135<br/><b>Austin TX</b><br/>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.<br/><a href="http://www.tigerturfworld.com">www.tigerturfworld.com</a></p> | <p><b>Titan</b> 540<br/><b>Plymouth MN</b><br/>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.<br/><a href="http://www.titantool.com">www.titantool.com</a></p> <p><b>Toro Company</b><br/><b>Bloomington MN</b><br/>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.<br/><a href="http://www.toro.com">www.toro.com</a></p> <p><b>Tri-Tex Grass</b> 636<br/><b>Granbury TX</b><br/>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.<br/><a href="http://www.tritexgrass.com">www.tritexgrass.com</a></p> <p><b>Turface Athletics</b> 204<br/><b>Buffalo Grove IL</b><br/>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.<br/><a href="http://www.turface.com">www.turface.com</a></p> <p><b>Turf-Tec International</b> 927<br/><b>Tallahassee FL</b><br/>We manufacture diagnostic tools for treating the soil, water, PH and moisture.<br/><a href="http://www.turf-tec.com">www.turf-tec.com</a></p> <p><b>Turf Time Equipment, LLC/JRM</b> 910<br/><b>York PA</b><br/>TurfTime Equipment LLC manufactures 5 sizes of top dresser, 4 sizes of verticut/dethatcher, and 4 sizes of smooth rollers.<br/><a href="http://www.turftimeeq.com">www.turftimeeq.com</a></p> <p><b>Turf Time West, Inc.</b> 503<br/><b>Dana Point CA</b><br/>Aerification company.<br/><a href="http://www.turftime.net">www.turftime.net</a></p> |
|--|---|--|--|

**Turfco Manufacturing 825**  
**Blaine MN**

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

**Underhill 519**  
**Lake Forest CA**

Underhill offers a complete range of irrigation materials for Golf Courses, Sport Fields and Residential & Commercial Landscapes. Guaranteed Satisfaction isn't just a slogan ... it's the Underhill legacy.  
[www.underhill.us](http://www.underhill.us)

**University of Georgia 1220**  
**Athens GA**

The University of Georgia Center for Continuing Education offers comprehensive professional development for turf industry professionals. Earn a certificate of completion in 12 months of less!  
[www.georgiacenter.uga.edu/turf](http://www.georgiacenter.uga.edu/turf)

**Varicore Technologies 821**  
**Prinsburg MN**

The premier name in synthetic and natural turf drainage.  
[www.multi-flow.com](http://www.multi-flow.com)

**Waupaca Sand and Solutions 1120**

**Waupaca WI**  
Manufacturer of Sur-Hop Infield Mixes, Red Mound Clay, Warning Track Stone and Topdressing. Precision blending of rootzone media.  
[www.waupacasand.com](http://www.waupacasand.com)

**West Coast Netting, Inc. 1230**  
**Kingman AZ**

We are a netting manufacturing company that specializes in windscreen, baseball netting and other sports related fencing. We make knotted netting, woven netting and custom made rope or webbing nets to fit your exact application. Decorative railing nets, tennis court and shade screens, steel poles and complete installations are available.  
[www.westcoastnetting.com](http://www.westcoastnetting.com)

**West Coast Turf 1128**  
**Palm Desert CA**

Growers and installers of premium quality turfgrass sod.  
[www.westcoastturf.com](http://www.westcoastturf.com)

**Wiedenmann 907**  
**North America, LLC**  
**Savannah GA**

Wiedenmann is a leader in the manufacturing of turf maintenance equipment for both natural and artificial turf surfaces.  
[www.wiedenmannusa.com](http://www.wiedenmannusa.com)

**Wood Bay 403**  
**Turf Technologies**  
**Edmonton Alberta Canada**

Wood Bay is the manufacturer of the amazing FDS 9200 Turf Dethatcher used in the maintenance of synthetic and natural sports fields and recreation areas.  
[www.woodbayturftech.com](http://www.woodbayturftech.com)

**World Class 510**  
**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)

# HILLTOPPER<sup>®</sup> Mound Clay

Rain, snow, or drought, your pitcher delivers.



Advancing the Evolution of Soil

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

800.336.2468

602.225.5900

©2011 Stabilizer Solutions, Inc. All Rights Reserved.



Image courtesy of the Long Beach Convention & Visitors Bureau.

## WELCOME TO TODAY'S LONG BEACH

Settled along 5 1/2 miles of sandy coastline, Long Beach is the quintessential vacation getaway, boasting both the ambience of a sophisticated urban center and the charm of a seaside community. Located 20 miles south of Los Angeles, California's seventh largest city offers visitors a dynamic range of oceanfront hotels, attractions, shopping, recreational activities, art and culture, restaurants and nightly entertainment that make it an ideal destination for any time of the year.

Long Beach has emerged as a community full of matchless neighborhoods and cultural diversity. Located just a mile down Ocean Boulevard is the seaside community of Belmont Shore, which features Second Street, a shopper's mecca and premier location for outdoor dining and people watching. Tucked behind Belmont Shore is one of the city's most romantic destinations, Naples Island, where Italian-style gondoliers cruise along the canals lined with picturesque, million-dollar homes. Alamitos Bay is just past Belmont Shore offering waterfront dining and views of rows and rows of sailboats. Downtown Long Beach is a perfect blend of sophisticated urban center and charming seaside community, and is filled with a myriad of entertainment choices. For more international flavors, visitors can discover the city's historic Spanish roots in Bixby Knolls or experience Cambodia Town, the prevalent community along Anaheim Street that has been recognized as one of the largest Cambodian communities in the world.

### ATTRACTIONS

Discover the city's best known attractions, which range from a historic ocean liner to a sustainable aquarium. One of the most recognized attractions in Long Beach, The Queen Mary, is one of the world's most luxurious ships to sail the Atlantic Ocean. The ocean liner also features a 314-state-room hotel and several fine restaurants. Visitors can explore this majestic ship from the wheelhouse to the engine room before braving the Queen's current attraction, Ghosts and Legends. During this haunted tour, a guide leads brave guests through parts of the Queen Mary that were previously off-limits while the attraction produces floods, flashing lights, and ghostly experiences. Visitors can also explore the mystique of the Soviet submarine Scorpion, which is moored adjacent to the Queen Mary.

For a face-to-fish encounter visit the Long Beach Aquarium of the Pacific, a world-class facility that is home to more than 11,000 inhabitants of the Pacific Ocean representing some 500 different species. It also has numerous areas where visitors can touch the animals of the ocean like sting rays, sea cucumbers, starfish and more. Explorer's Cove features Lorikeet Forest where these colorful and friendly miniature parrots can be hand-fed by visitors. Also in Explorer's Cove is Shark Lagoon, where nine species of shark can be viewed from both above and below water. Visitors can actually touch several of the shark species in special touch lagoons.

The new Molina Animal Care Center offers enhanced healthcare to animals as well as opportunities for guests to view veterinary medicine in action.

A short walk from the Aquarium along picturesque Rainbow Harbor, you'll find two exciting entertainment/dining/shopping complexes, Shoreline Village and The Pike at Rainbow Harbor. Shoreline Village has the look and feel of a charming seaside fishing village, with a boardwalk of specialty and souvenir shops and restaurants. The Pike at Rainbow Harbor is Long Beach's newest attraction, a 300,000+ square foot entertainment center with shops, restaurants and a multiplex movie theater. Rainbow Harbor itself is home to boats of all types, including fishing boats, tall ships, luxury charter yachts, harbor tour boats, pleasure craft and even a replica Mississippi stern wheeler.

Just minutes from downtown Long Beach rest several other interesting attractions that will suit visitors of all ages. These "must-sees" include Alamitos Bay, a waterfront dining and entertainment area; Gondola Getaway along the canals of Naples Island; and Ranchos Los Alamitos and Rancho Los Cerritos, two historic parks featuring acres of beautiful gardens and authentic adobes.

Everything from rollerblades to wetsuits, jet skis to windsurfing equipment, can be rented at various places along the beach. Day and night harbor cruises are also available, offering beautiful views of the Pacific Ocean.

## RECREATIONAL ACTIVITIES

Winding along the beach are smooth, wide paths perfect for biking, rollerblading, running or romantic strolls. Visitors can dive right into a variety of water sports such as kayaking, sailing, windsurfing, sport fishing, scuba diving and jet skiing. Everything from rollerblades to wetsuits, jet skis to windsurfing equipment, can be rented at various places along the beach. Day and night harbor cruises are also available, offering beautiful views of the Pacific Ocean.

Each year, from late December to mid-April, visitors can witness the awe-inspiring migration of more than 15,000 Pacific grey whales passing through Long Beach on their way to their breeding and birthing grounds in Mexico. Whale watching excursions are available through several companies.

From award-winning drama and cutting-edge opera to historic museums, visitors will enjoy an exciting range of artistic expressions that comprise the city's rich heritage. Long Beach is home to a number of impressive museums, including the Museum of Latin American Art (MoLAA), the only museum in the country to focus exclusively on the contemporary art of Mexico, Central and South America and the Spanish-speaking Caribbean. Visitors can also explore the city's unique galleries in the thriving East Village arts community, listen to a renowned symphony orchestra or watch a play from a variety of first-class performing arts companies.

When it's time to dine, Long Beach offers visitors hundreds of options from intimate cafes to spectacular oceanfront restaurants. Visitors can nosh on fried green tomatoes in a restored 1920s California Bungalow, dive into a table full of seafood along Alamitos Bay or feast in a historic bank building complete with teller cages. Sample a world of cuisines right in this International City from Italian to Cambodian.

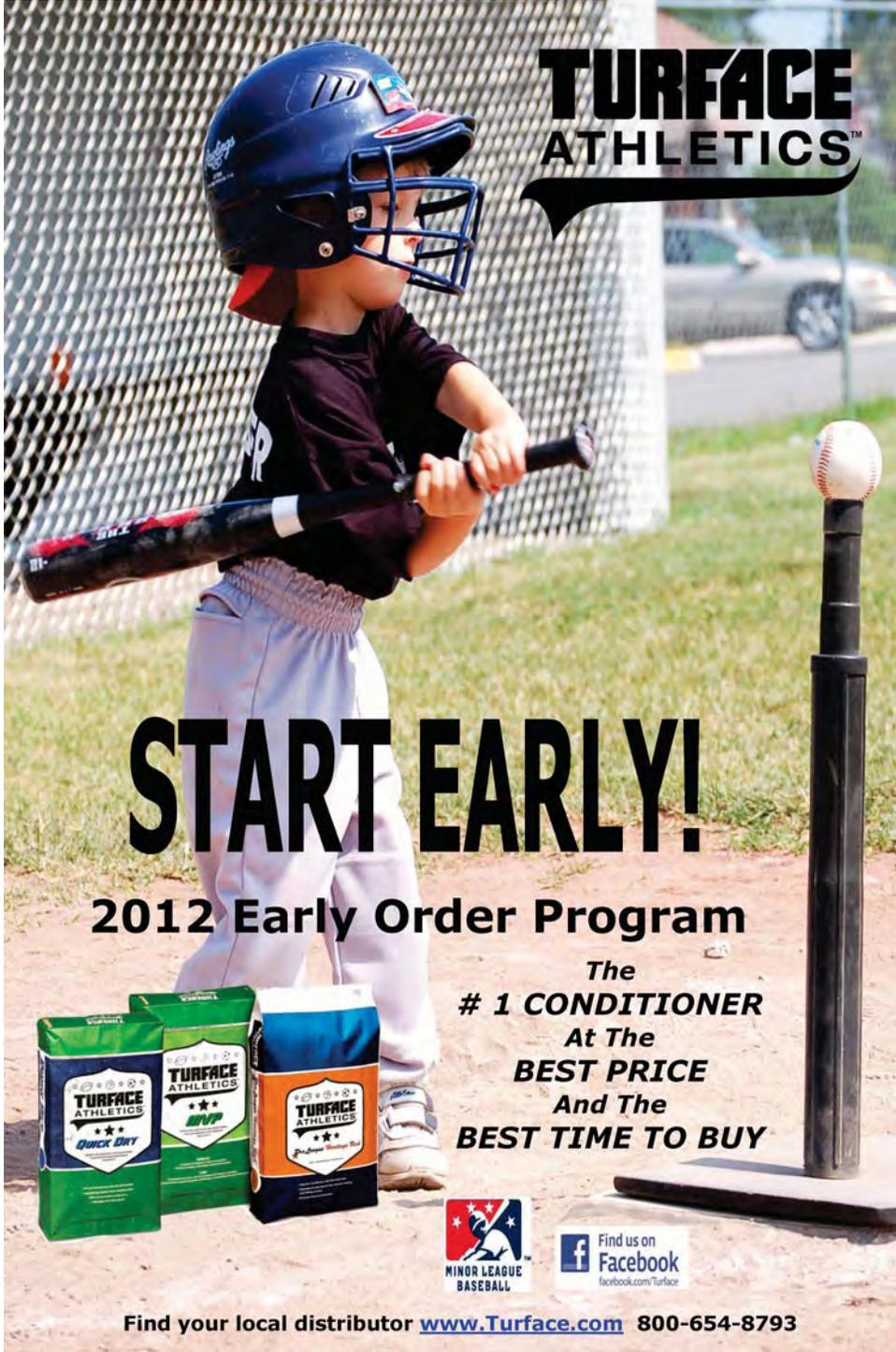
No other community in Southern California is as visitor friendly as Long Beach—and getting here is easy. Fly directly into the Long Beach Airport (LGB) on Alaska Air, Allegiant, American Airlines, Delta, JetBlue Airways and US Airways. Direct flights are available to many major cities, including New York, Washington DC, Austin, San Francisco, Seattle, Boston, Chicago and more. If you prefer to fly into Los Angeles (LAX) or Orange County (SNA), Long Beach is just a short 25-minute drive from either airport. While in town, the Passport local shuttle service offers complimentary

transportation to all of downtown Long Beach's most popular attractions including the Aquarium, Queen Mary, Shoreline Village and Pine Avenue. For just \$1.25, the Passport can transport visitors down to Belmont Shores/Naples and Cal State Long Beach.

In addition, water taxi service is offered by the Aquabus, and can transport guests across the water to Shoreline Village, the

Aquarium, or the Queen Mary. The Aqualink is a high-speed catamaran water taxi from downtown to Alamitos Bay. For your convenience, friendly downtown guides dressed in blue "Long Beach" shirts, blue caps and khaki pants are stationed in a 40-block area and help visitors find restaurants, shops and attractions.

To plan your Long Beach experience, log onto [www.visitlongbeach.com](http://www.visitlongbeach.com). ■



**TURFACE ATHLETICS™**

# START EARLY!

## 2012 Early Order Program

The  
**# 1 CONDITIONER**  
At The  
**BEST PRICE**  
And The  
**BEST TIME TO BUY**

 Find us on  
 Facebook  
[facebook.com/Turface](http://facebook.com/Turface)

Find your local distributor [www.Turface.com](http://www.Turface.com) 800-654-8793