



Toro just made line painting a whole lot better from start to finish. Introducing the Toro Line Painter 1200 with a wide-mouth 12 gallon tank to eliminate spills and cover more ground. Add to this our innovative Express Clean System that cleans out up to 5 times faster and you have a real time saver. To find out more, call 1-800-803-8676, ext. 258 or visit torosports.com/linepainter



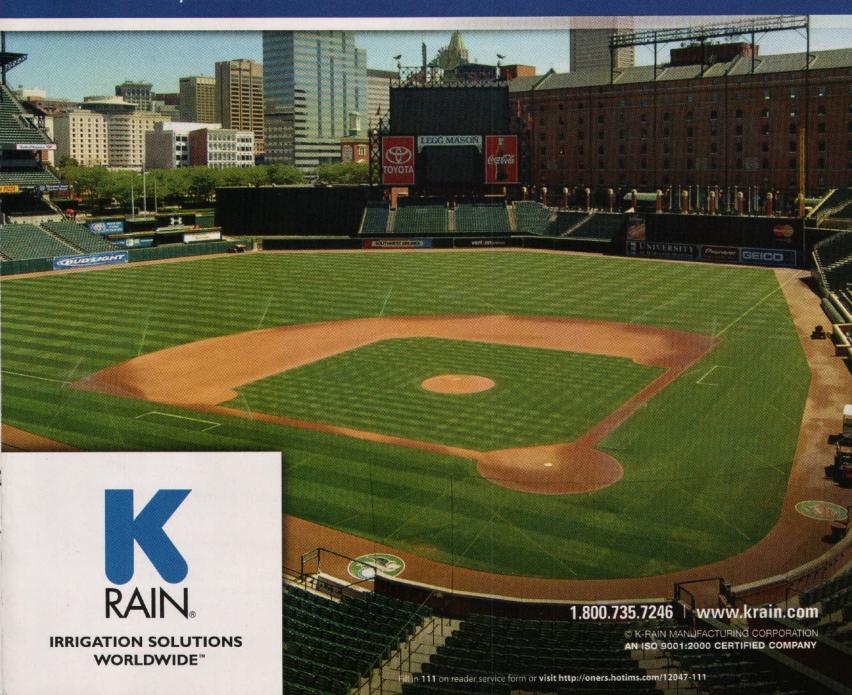
Count on it.

# K-Rain Hits A Home Run at Camden Yards

A complete upgrade of irrigation equipment was performed with the resodding of the Baltimore Orioles' field with **K-Rain Prosport**™ and **ProCom**™ rotors. "The Baltimore Orioles chose K-Rain because of their support from the top of the company all the way down to the distributor." – **Groundskeeping Department** 

"We chose K-Rain products for the ease of adjustment and total reliability," said **Tom MacKenzie** (V.P. OF R.T. MACKENZIE INC., IRRIGATION PROJECT CONTRACTOR). "Their customer service has been great."

We work with one mindset: **Make it better.**That's the power behind K-Rain. THAT'S THE POWER BEHIND YOU.





## **FEATURES**

#### STMA President

**B** Mike Andresen, CSFM is on a mission

#### **Field Science**

- 16 Does N source impact nitrate leaching?
- 24 George Toma discusses using inorganic soil amendments
- 28 Managing infield skinned areas

#### **Facilities & Operations**

30 John Fik, CSFM shares how he selected an artificial surface

#### **Tools & Equipment**

34 Infield groomers

#### Pest of the Month

39 Contending with hunting billbugs in bermudagrass and zoysiagrass

#### STMA Field of the Year

40 Doug McCarty, East Peoria, IL wins the 2006 STMA School/Park Soccer Field of the Year

# 39

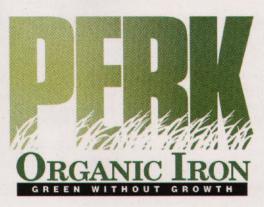
#### **DEPARTMENTS**

From the Sidelines 6
STMA President's Message 7
John Mascaro's Photo Quiz 27
STMA In Action/SAFE Foundation . 43
STMA Chapter News 44
Marketplace 45-47
Online Education 48
Advertisers' Index49
Reader Information Form (Green Mediator) 49
Q&A

On the cover: Mike Andresen, CSFM, athletic turf manager for the Iowa State Cyclones, is the new president of the Sports Turf Managers Association.



# Not just green... Perk green!



More than simply a traditional fertilizer, Perk is a true turf revitalizer. Our proprietary slow release organic iron combines iron humate with potash, nitrogen, and magnesium to produce the only granular, organic, controlled-released iron source available. Perk provides deep, long-lasting greening and increased resistance to wear, drought, and disease without stimulating excessive growth. Plus, the 15% magnesium in Perk even

promotes the production of chlorophyll. You'll find Perk perfect for greening up fields of any type. For more information, please visit www.LebanonTurf.com. Or, for the name of your nearest distributor, call 1-800-233-0628. And give your turf a little perk-me-up.



### From the Sidelines

### Fouty appointed to **STMA Board**



**ERIC SCHRODER** Editor

eschroder@ m2media360.com 717-805-4197 P.O. Box 280, Dauphin, PA 17018

ate last year, in one of his last official duties as President of the STMA, Mike Trigg, CSFM appointed Amy Fouty, CSFM, athletic turf manager for Spartan Stadium at Michigan State University, to the STMA Board of Directors. Fouty replaced Jay Warnick, CSFM as the Colleges and Universities representative. Warnick now works for Tra Dubois at World Class Athletic Surfaces directing distribution in the west. Fouty will complete his term that ends next January.

Fouty is responsible for the Spartan Stadium field, the football practice complex, and new athletic field construction at Michigan State. She previously was a groundskeeper for rival University of Michigan for 5 years managing the daily field operations for football and soccer. Fouty holds a 2-year degree in turfgrass management from MSU and is in the process of completing her BA in psychology there. She recently served as president of the Michigan Sports Turf Managers Association, is on the education and grants committee for the Michigan Turfgrass Foundation, and is active on three national STMA committees. She was awarded the prestigious STMA Field of the Year for College Football Fields in 2006. Fouty also has presented at more than 10 conferences and educational events.

Ohio State will replace the new turf at Ohio Stadium with an artificial surface, part of athletic director Gene Smith's broad plan to increase use of department facilities. The football team will be able to use the stadium more frequently for practices and camps, which Coach Jim Tressel sees as a huge advantage, according to OSU's Pamela Sherratt in her "SportsNotes" e-letter.

Brian Gimbel, sportsturf manager for OSU, told Pam, "We've been struggling with a deteriorating drainage system all year, so we are going to have to do some major work to the field anyway. With plans for the number of events on the field to increase substantially, an artificial surface seems like the best choice.

"We've had a couple of rubber-infill practice fields for several years now and the team knows what they can expect out of them. We plan to repair the drainage and resurface the field after the spring football game in April."

We're watching you dept.: The Tennessee Titans upset the Colts last December 3 at home when they kicked a record 60-year field goal with a few seconds left. Color analyst Dan Dierdorf commented on the turf conditions before the kick, saying it was "soft" and that it was December so the grass roots were shorter than normal. Tuning in, I waited for a disparaging comment about field conditions but Dierdorf said nothing else. A moment later, with his footing perfect, the Titans PK banged it through, assisted by a strong wind at his back. Good job, Dierdorf.

Jun Schroden

### **SportsTurf**

760 Market Street, Suite 432 San Francisco, CA 94102 Phone 415-839-5060 Fax 415-398-3511 www.greenmediaonline.com

The Official Publication Of The Sports Turf **Managers Association** 



PRESIDENT Mike Trigg, CSFM PAST PRESIDENT Bob Campbell, CSFM PRESIDENT ELECT Mike Andresen, CSFM COMMERCIAL V.P. Tra Dubois SECRETARY Abby McNeal, CSFM TREASURER Chris Calcaterra, CSFM STMA BOARD MEMBERS Dale Getz, CSFM, Darian Daily, Dr. Dave Minner, Lance Tibbetts, CSFM, George C. Trivett, CSFM, Jay Warnick, CSFM CHIEF EXECUTIVE OFFICER Kim Heck

#### STMA Office

805 New Hampshire Suite E Lawrence, Ks 66044 Phone 800-323-3875 Fax 800-366-0391 Email stmainfo@sportsturfmanager.com www.sportsturfmanager.org

#### Editorial

**GROUP PUBLISHER Steve Brackett EDITOR Eric Schroder TECHNICAL EDITOR Dr. Scott McElroy ART DIRECTOR Mira Coburn** PRODUCTION MANAGER Sutton Annas **EDITORIAL DIRECTOR Richard Brandes** 

#### STMA Editorial **Communications Committee**

Mike Andresen, CSFM Chris Calcaterra, CSFM Tra DuBois, Jeff Fowler Tom Gmelch, Carl Larson Dr. Dave Minner, Larry Rhodes, CSFM Jay Warnick, CSFM



SportsTurf (ISSN 1061-687X) (USPS 000-292) (Reg. U.S. Pat. & T.M. Off.) is published monthly by M2MEDIA360, a Bev-Al Communications company at 760 Market Street, Suite 432, San Francisco, CA 94102. POSTMASTER: Send address changes to Sportsturf, P.O. Box 2120, Skokie IL 60076-7820. For subscription information and requests, call Subscription Services at (847) 763-9565. Subscription rates: 1 year, \$40 US & Poss.; 2 years, \$65 US & Poss.; I year, \$65 Canada/Foreign Surface, I year, \$130 Airmail. All subscriptions are payable in advance in US funds. Send payments to Sportsturf, P.O. Box 2120, Skokie, IL 60076-7820. Phone: (847) 763-9565. Fax: (847) 763-9569. Single copies or back issues, \$6 each US/Canada; \$9 Foreign. Periodicals postage paid at San Francisco, CA and additional mailing offices. COPYRIGHT 2006, Sports Turf. Material may not be reproduced or photocopied in any form without the written permission of the publisher.

**⊘BPA** Member of BPA Worldwide.

### President's Message

#### M2MEDIA360

PRESIDENT/CEO Marion Minor VP OF FINANCE AND OPERATIONS Gerald Winkel VP OF CIRCULATION AND COLLATERAL SALES

Joanne Juda-Prainito **PRODUCTION DIRECTOR Mary Jo Tomei** DIRECT MAIL LIST SALES Cheryl Naughton 770-995-4964 cnaughton@m2media360.com

#### **Reader Service Services** DIRECTOR OF READER SERVICE

Joanne Juda-Prainito Readerservice@m2media360.com

SUBSCRIPTION SERVICES Phone 847-763-9565 Fax 847-763-9569

#### REPRINTS

MIKE ANDRESEN

**CSFM** 

mandrese@

iastate.edu

Cheryl Naughton, 770-995-4964, cnaughton@m2media360.com

#### **Advertising Sales Representatives**

British Columbia and Saskatchewan.

Steven Brackett 3906 Tecoma Dr. Crystal Lake, IL 60012 815-459-5189; 815-459-5805 (fax) sbrackett@m2media360.com

CT, DE, IN, KY, MA, MD, ME, MI, NH, NJ, NY, OH, PA, RI, VA, VT, WV, New Brunswick, Nova Scotia, Ontario, Quebec and Europe.

35 Greenbrian Aurora, OH 44202 330-562-2512; 330-562-3512 (fax) pgarris@m2media360.com

United States: AL, AR, AZ, CA, FL, GA, LA, NC, NM, NV, OK, SC, TN, TX, UT and Mexico

2095 Exeter Road, #80-336 Germantown, TN 38138 901-759-1241; 901-624-0333 (fax) dmorgan@m2media360.com

SD, WI and Manitoba Colleen Murphy 1326 N. Illinois Ave.

Arlington Heights, IL 60004 847-259-2835; 847-259-2836 (fax) cmmurphy88@comcast.net

**Debbie Sutphin** 815-267-7690; 815-267-7691 fax dsutphin@m2media360.com

PUBLISHER'S NOTICE: We Assume No Responsibility For The Validity Of Claims In Connection With Items Appearing In Sportsturf. Reader Service Numbers Are Given To Facilitate Further Inquiry Commercial Product Names Are Used For The Convenience Of The Reader, Mention Of A Commercial Product Does Not Imply Endorsement By Sportsturf Or M2MEDIA360, Or Preference Over Similar Products Not Mentioned.

### **Success in San Antonio**

here are people who take the heart out of you, and there are people who put it back." This quote by Elizabeth David captures the feelings I have coming off the just completed national conference in San Antonio. The STMA Annual Conference and Exhibition is absolutely the highlight of my year, and this conference was no different. Even with the challenges of the worst ice storm in San Antonio history, I definitely came away with my heart repaired after a tough year in the trenches.

It's very humbling to know so many individuals donate time and talents to ensure this event is first class in every way! Thanks start with our CEO, Kim Heck, our terrific team at headquarters, and our conference partners, M&E, led by David Rosenberg and his team in Newport, RI. Together, their work is vital to ensuring the conference is successful to our level of satisfaction and in helping create the remarkable weeklong energy! Their unselfishness and calmness allows us to enjoy the short time we have together, to enrich our professional growth, and to get excited for another year of the sports turf management grind.

The member volunteers that played a role in developing the conference, its content and energy, hit a home run this year. A sincere thank you goes to our commercial members. I truly feel, and have been told so many times, our trade show is "different" in that we truly value our vendor partners and stand arm-in-arm with them in the mission of producing safer athletic fields. Their role is very important to each of us personally and also to the health of our association. The trade show is part of our education; our education sessions are part of their enrichment. Please always remember that some of our best friends work inside trade show booths during that one week in January.

Most of all, thanks go to you, the attendee, who goes to great effort to ensure we have a show worth being passionate about. We filled hotels, restaurants, pubs, and meeting rooms. Our show is growing! Networking with new friends, old friends, and colleagues are at an all-time high and it's exciting! We oftentimes complain that co-workers don't understand the world in which we live. This week is our time to realize we work in a profession with people in the same business because of a "calling." We are in sports turf management because we know the important impact we have on youth and adult athletes.

If you attended the conference please let HQ know what you think and what we might do to make your experience even better. If you weren't able to attend this year, please posture yourself to make next year's show in Phoenix available to you. Some of the very best people in this world are in our profession. Some will teach you things; some will show you things. All will listen, and all will help to heal your soul. Thanks to everyone for making our show that special!

Mike andresen

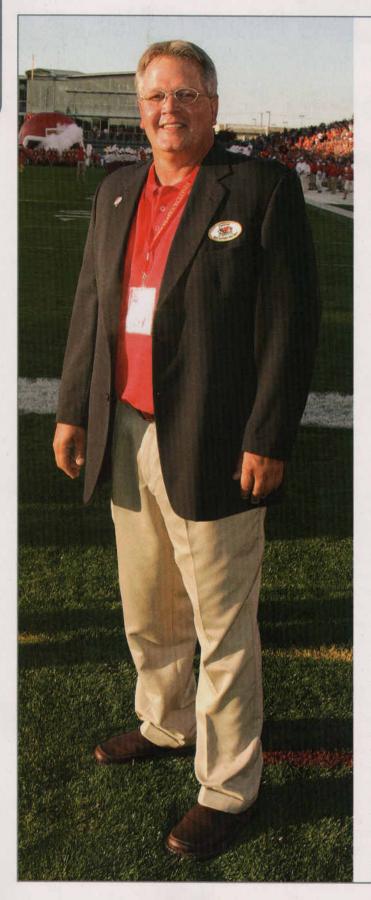
AK, CO, HI, ID, MT, OR, WA, WY, Alberta,

#### **Paul Garris**

Deanna Morgan

IA, IL, KS, MN, MO, ND, NE,

Classified Advertising Sales



# Man on a mission:

### Mike Andresen, CSFM

By Eric Schroder

ere's the first thing you need to know about Mike Andresen: He never even looked at the photos that were taken for this issue's cover. His ego is in check, which means he devotes his time to more important matters.

Like his day job, for example. Andresen, a certified sports field manager (CSFM), tends to the athletic turf for the Iowa State University program in Ames. Or his spare time passions, fishing and hunting. And, oh yeah, he recently was elected President of the Sports Turf Managers Association (STMA).

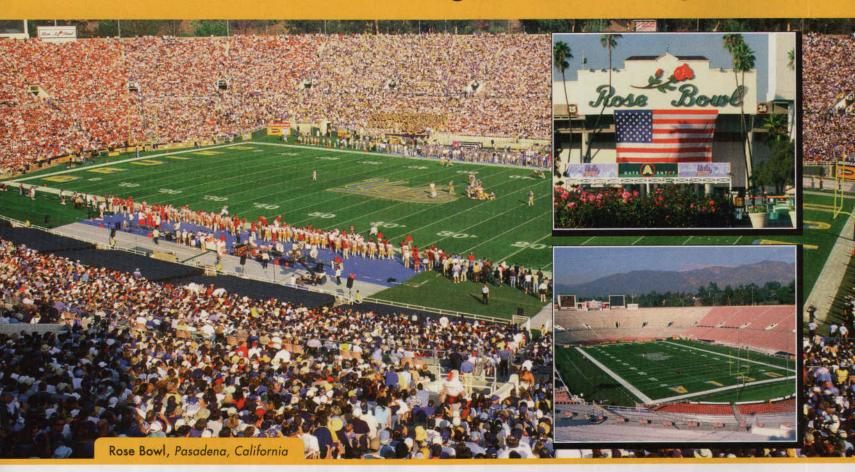
Andresen has always taken great pride in his work and he wants to help educate his peers so they can produce fields to be proud of, and be recognized for doing so.

"We need to get to the bottom of the wear tolerance and traffic issues. It's my number one priority," he says. "We are responsible for educating our members on how to get a field in condition to handle 'X' amount of games. We need to be able to provide our members with the tools for them to answer the question, 'At a certain level of maintenance, what is the wear and traffic tolerance for this field?'

"I want all our committees to address this issue in some fashion. We need to figure out what research is out there and perhaps use some SAFE Foundation money to conduct research at some point, to answer this question. And we need to ask members what documents they need to answer this question," Andresen says. "If we can provide our members with such info, they become that much more valuable to their respective operations. This is basic info we need now. We need to do this and we can do it.

"As we further develop relationships with other organizations like the NRPA and NIAAA, we want them to look to us as the resource for this information," he says. "In doing so we can enhance our members' value to their employers, as well as enhance the association's value to potential members."

### The Barenbrug Advantage





#### Turf Blue<sup>™</sup> Kentucky Bluegrass Blend

A unique blend of top rated Kentucky Bluegrass varieties that provide ultra-fast establishment, high wear tolerance and exceptional recoverability.



#### Panterra Overseeding Ryegrass

High quality overseeding annual ryegrass that is economical and allows for easy transition. Excellent turf quality on golf courses, sports fields and can cut your overseeding costs dramatically.



#### Turf Star® Perennial Ryegrass Blend

A blend of top rated turf-type perennial ryegrass varieties. High density, quick establishing and dark green. Helping our customers be more successful is the foundation of the Barenbrug Advantage. We offer winning combinations of world class turf seed that reflect years of advanced research and dedication to a professional industry.

Being great in grass –

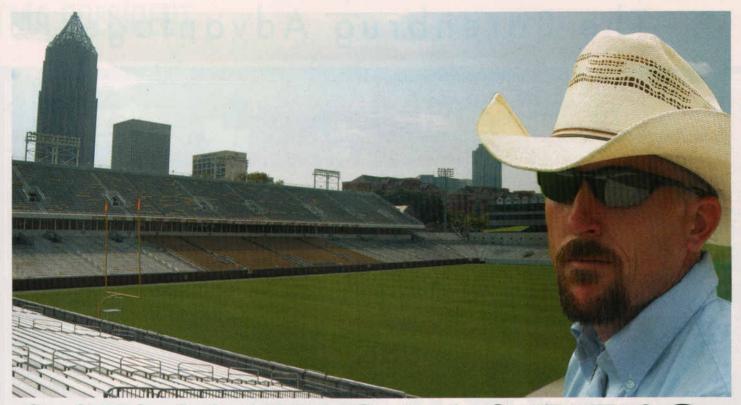
it's the Barenbrug Advantage.

800-547-4101 BARENBRUG USA

www.barusa.com • info@barusa.com



Great in Grass®



## HEY KRIS HARRIS HOW DO YOU LIKE YOUR TIFSPORT?

Georgia Tech Sport Turf Manager Kris Harris isn't bothered too much about what other people think. "All I care about is managing my TifSport fields for those three or four months when it really counts." Kris likes his TifSport short. "For football I go as low as I can go. We start out in May at 1/2"-7/16" and I go down from there. I keep my baseball field a little higher. We mow that at 3/4" most of the year and take it on down to 1/2" after the season." A TifSport pioneer, Kris installed his first field in 2000, shortly after the grass was released. "I went out on a limb when I first decided to

take my football field so low. But I found out that the lower it gets the tighter it gets. And the more it grows laterally the faster my divots fill in. I'm going to try to keep it at 3/8 or even lower this year." With six years of experience with TifSport, Kris dosen't seem to have any serious problems. "I don't have any disease pressures. My water is good. Maybe I'm in the perfect spot for this grass." Don't you deserve the "Home Field Advantage"? Insist on TifSport Certified Bermudagrass for all your athletic fields. For more information call 706 542-5640, or visit us on the web at www.tifsport.com.

