STMA 17th Annual Conference & Exhibition
January 18-22, 2006 • Orlando, Florida

"I always bring back new ideas from the STMA Conference that have an immediate benefit to my sports facility."
Joe Kennedy, CSFM, Surprise, AZ

- 38 Hours of education with workshops and roundtable discussions. Plus an optional MLB/NFL hands-on outdoor seminar.
- See new technology at the Trade Show.
- Conference Package includes meals and local transportation.

SportsTurf Managers Association
Experts on the Field, Partners in the Game.

"The educational sessions were phenomenal, all geared toward sports turf. The expanded trade show floor offered great new opportunities."
John Mascaro, Coral Springs, FL

For details call: 401-847-8622
or 1-800-847-8623
To register call: 1-800-323-3875
or www.sportsturfmanager.org

Bring your team to Orlando and network with other industry professionals.
The same technology that produces Meth-Ex 40 methylene urea complex also produces MESA resinated ammonium sulfate and Expo resinated sulfate of potash!

To learn more about products based on these LebanonTurf technologies, please contact your local LebanonTurf distributor or visit our website at www.LebanonTurf.com. For a FREE copy of our Agronomy Manual, click on the promotions tab and enter coupon code ST7115.
cover story

17th Annual STMA Conference & Exhibition, January 18-22, 2006, Orlando, FLA

Exhibitors' Listing
No show in the country brings together all the vendors that matter to turf managers better than this one.

Speakers' Listing
The most relevant, up-to-date information for managing sport turf, from the NFL or MLB to municipal park systems.

features

IRRIGATION/DRAINAGE

Taking on Winter: The Basics of Irrigation System Blowouts
Anybody in the turf industry north of 45 degrees latitude should have a firm grasp of proper irrigation system winterization. Otherwise, both acute and chronic forces can cause considerable system damage at spring recharge and nightmarish summer maintenance.

After the Flood
As the recovery of the Gulf Coast begins, it is timely to discuss restoration of flood damaged athletic fields and sports surfaces. The severity of a flood’s impact on the playing field system will vary based on duration and degree.

FIELD OF THE YEAR

Slugger Field, Nielsen win 2nd Field of Year title
It is not easy to grow bluegrass in the transition zone but Tom Nielsen, turf manager at Louisville’s Slugger Field, seems to have it down.
NEW PRODUCTS. MORE CHOICES. BETTER SOLUTIONS.

SUPERPRO
Residential & Light Commercial Applications
Spacing: 20' to 40' / 6.1 to 12.2 m
Shut-Off Flow Right at the Head

PROPLUS
Residential & Light Commercial Applications
Spacing: 28' to 44' / 8.5 to 13.5 m

MINI PRO
Residential & Light Commercial Applications
Spacing: 17' to 28' / 5 to 9 m

PROSPORT
Sports Turf & Commercial Applications
Spacing: 40' to 75' / 12 to 23 m
Triple Nozzle Configuration

SPRAYS
Residential & Light Commercial Applications
3', 4', 6', 12' and Narrow Profile Models

ELECTRIC VALVES
Residential & Light Commercial Applications

RFS 616 CONTROLLER
6, 9, 12 & 16 Station Models for All of Your Needs

PROCOM
Commercial Applications
Spacing: 28' to 46' / 8.5 to 14 m
Shut-Off Flow Right at the Head

With K-RAIN you have all the tools. Our full line of professional irrigation products gives you a single source of everything you’ll ever need. From start to finish your covered! Concentrate on making the most of your business. Leave the rest to us.

Make the smart choice – K-RAIN.

KRAIN
IRRIGATION SOLUTIONS WORLDWIDE
Golf for SAFE

The Foundation for Safer Athletic Field Environments (SAFE) was created by STMA to provide research, educational programs and scholarships dedicated to advancing the field of sports turf management. For the 6th straight year Jacobsen is sponsoring the SAFE/Jacobsen Golf Tournament to be held in conjunction with the Annual STMA Conference & Exhibition, January 18-22 in Orlando. I’ve participated in and enjoyed this event the past 4 years. The atmosphere is casual and the courses have been spectacular. Say it is *****Highly recommended.

The Tournament will take place on Wednesday, January 18, at ChampionsGate Golf Club, about 15 minutes from the host hotel. A Greg Norman design, the International Course has the look and the feel of a British links-style course. Last year this event raised nearly $16,000 for the SAFE Foundation to help support scholarship, education, and research funds. Registration fee includes greens fees, cart, and lunch. For more information visit www.sportsturfmanager.org, contact the STMA Show Office at STMA@newportevents.com, or call Andrea Dillinger at 866-847-8623.

Speaking of the STMA Conference, I asked some turf folks who have attended that event regularly over the years what was the best reason they knew for showing up:

“Attending the STMA Show is confirming your beliefs in your professional arena and a platform for unbelievable networking. There are many benefits to you as an individual as well as your employer.” Chris from the Southwest

“I attend for all the educational opportunities it presents. Where else can you go and hear national experts speak on information that can be taken directly back to your operation and implemented? The networking is also an excellent opportunity to learn. You really find out that you are not the only one dealing with an issue when you attend one of the informal get-togethers in the bar!” Rob from the Midwest

“Networking is the #1 reason I attend. Re-living experiences or learning new technologies while sitting with old friends, or soon to be new friends, is the most rewarding aspect of conference. Each segment of our attendees (professional, academic, commercial) brings their experience and that helps me become a better professional.” Mike from the Midwest

“To catch up with old friends, meet new friends, and get up-to-speed on new R&D in sports turf science.” Pamela from the Midwest

Mandatory-PennSt-mention-dept.: Joseph M. Duich, Ph.D., professor emeritus of turfgrass science at Penn State, has been selected to receive the 2006 Old Tom Morris Award from the Golf Course Superintendents Association of America. GCSAA’s most prestigious honor, the award is for individuals who “through a continuing lifetime commitment to the game of golf has helped to mold the welfare of the game in a manner and style exemplified by Old Tom Morris.” Duich has devoted a lifetime to breeding new turfgrasses and teaching hundreds of future golf course superintendents and turfgrass researchers. Congrats, Doc!

ERIC SCHRODER, EDITOR

Comments always welcome. Call Eric at 717-805-4197, email eschroder@aip.com, or write P.O. Box 280, Dauphin, PA 17018.
Remembering
Dr. Henry Indyk

This past September STMA mourned the loss of Dr. Henry Indyk. Henry was instrumental in shaping many of today's STMA programs and services. You may recall the article by STMA Historian Dr. Kent Kurtz in the STMA's October Electronic Newsletter titled "Remembering Hank" in which he wrote, "It has been due to Henry's personal integrity and willingness to serve STMA for the benefits of others that made this man a legend."

Dr. Indyk was a professor at Rutgers University's Cook College in New Brunswick, NJ, for more than 30 years, retiring in 1990. During his tenure at Rutgers University, Henry was fully devoted to providing leadership in Extension activities relating to all facets of the turfgrass industry.

Dr. Indyk's impact on the Sports Turf Managers Association is immeasurable. In the early 1990s, Dr. Indyk was a true leader with vision and passion for this Association. He served as an STMA board member in many Board capacities. He received the prestigious STMA Henry Gill Award in 1994 and in 2000, STMA awarded him with an honorary lifetime membership. He was the inspiration for the STMA Certification program. Acting as the first chairman of the STMA Certification Committee, he led a team of sports field managers and educators to develop the Certified Sports Field Managers (CSFM) program.

Let me also share some personal experiences with Doc Indyk. He was a speaker at numerous state, national, and international conferences so he definitely was not a stranger to many STMA Conferences. I recall attending Dr. Indyk's presentations on soils and water and soil management and fertility at several of the STMA Conferences. I remember Dr. Indyk beginning his workshop saying, "I have two hours to present a semester of information on soils...so let's get started." And he did just that, the two-hour workshop flew by and you came away with a wealth of information.

Many who attended his presentations would comment, "Spoke with knowledge, enthusiasm, and love for his subjects. Very knowledgeable, with a good mix of technical, practical and humorous information."

Also, as Conference Chairman for two years, I always received in late February or early March a letter from Dr. Indyk first congratulating me on a terrific conference program, followed by two pages of suggestions on educational topics and presenters for the upcoming conference.

Earlier this year, I received a personal handwritten note from Henry congratulating me on my Presidency and saying, "May you have much success in your leadership efforts to advance the mission of STMA."

For me Dr. Henry Indyk was a mentor, a colleague, an educator, a supporter, and also a friend. I am honored to have known Henry Indyk. Henry will be missed, but his legacy will forever be engrained in the Sports Turf Managers Association.

MIKE TRIGG, CSFM
mtrigg@waukeganparks.org

http://www.sportsturfmanager.org • STMA
Anderson Technologies, Inc. provides a complete line of seeding equipment and turf combs.

Aquatrols produces products to improve or maintain your rootzone environment.

Buffalo Turbine continues to supply quality turf products such as turf blower, top dressers, sprayers, and greens fans. www.buffaloturbinelcc.com

AerWay’s Advanced Aeration Systems have the solution to your aeration needs with five different tines and two frame styles in ten sizes. www.aerway.com

Aquamaster, Inc. manufactures a leading supplier of baseball/football athletic field covers, mound and plate covers, turf growth blankets, turf protective systems and protective wall padding. www.covermaster.com

A-Turf takes the quality of synthetic grass playing surfaces to the highest level, offering superior playability, durability, and outstanding value to its clients. www.aturf.com

Anderson Turf & Baseball, Inc. has been the industry leader in field equipment. It has had over 200 installations since 1996 and is your one-stop shop. www.chbaseball.com

Andersons Technologies, Inc. provides a complete line of turf fertilizers, control products, growth regulators and spreaders. www.andertonsinc.com

American Civil Constructors, Inc. provides a full range of management services for the sports industry. Also offers numerous turf management services, material sourcing, and lab analysis.

Ameriturf is the oldest owned and operated manufacturer in the world with over 30 years of manufacturing experience. "Excellerator." This custom turf product offers a unique micronutrient package with concentrations of calcium and soluble silicon.

Barenbrug USA is an Oregon-based grass seed research company, selling turf and forage seed through a wholesale distribution network across the nation. www.barusa.com

Barenbrug produces topdressing materials, including Temp-Line Field Paint, which is applied as easily as any conventional field paint, providing bright, durable lines with very fast dry times.

Bergen Equipment provides turf managers perfect tools to make sure fields are lined to perfection. www.fieldmaster.com

Butler Equipment is the most affordable and dependable aerator available. It is a one-pass solution for preparing field for turf. www.butlerent.com

Butler Turf Blankets create a greenhouse type environment promoting quicker green-up and deeper root penetration. www.parksite.com

Buffalo Turbine continues to supply quality turf products such as turf blower, top dressers, sprayers, and greens fans. www.buffaloturbinelcc.com

Buffalo Turbine, LLC specializes in the design and construction of sports fields, tracks, and tennis court complexes nationwide. www.buffaloturbinelcc.com

Buffalo Turbine, LLC specializes in the design and construction of sports fields, tracks, and tennis court complexes nationwide. www.buffaloturbinelcc.com

Buffalo Turbine, LLC specializes in the design and construction of sports fields, tracks, and tennis court complexes nationwide. www.buffaloturbinelcc.com

Buffalo Turbine, LLC specializes in the design and construction of sports fields, tracks, and tennis court complexes nationwide. www.buffaloturbinelcc.com

Bundesliga - Athletic Field Division

C & H Baseball, Inc. Bradenton FL

For over 25 years, C & H Baseball has been the industry leader in field equipment. It has had over 200 installations since 1996 and is your one-stop shop. www.chbaseball.com

Carolinas Green Corp. 1134

Indian Trail NC

Licensed sports field contractor specializing in the design, construction, renovation and maintenance of native or modified soil- and sand-based fields. www.cgffields.com

Charles Williams & Associates 204

Fayetteville TN

Provider of proven varieties of sod including Tifway 419 Bermuda, Vamont Bermuda, Meyer Zoysia, Surf Type Fescue and Quackstand Bermuda. www.cwosod.com

Clough Harbour & Associates, LLP 200

Albany NY

Landscape architect and builder creates practical, functional projects. www.cha-llp.com

Country Stone - Athletic Field Division 536

Milan IL

Provider of Redfield, infield topdressing and warning track mix. Our natural red lava provides for aesthetics, compaction control and drainage. www.countrystone.com

Covermaster, Inc. 507

Rexdale ON

A leading supplier of baseball/football athletic field covers, mound and plate covers, turf growth blankets, turf protective systems and protective wall padding. www.covermaster.com

Dakota Peak & Equipment 413

Grand Forks ND

We provide a wide range of material handling and spreading equipment. We also supply paint, blending services, material sourcing, and lab analysis. www.dakotapeat.com

Delta Bluegrass Company 726

Stockton CA

Specializing in USGA sand and peat grown turf blends for the sports industry. Also offers numerous turf management services. www.deltabluegrass.com

Desso DLW Sports Systems 313

The Netherlands

Offering a complete range of solutions specifically for soccer, hockey, rugby, football, tennis and basketball. Products include reinforced natural grass. www.dessodlw.com

Diamond Pro (TXI) 713

Dallas TX

Provides greenskeepers nationwide a complete line of professional greenskeeping products and equipment. www.diamondpro.com

D(division of Surface America, Inc.)

Brock USA is 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 more than 20 years. www.burnside-services.com

Amusement park equipment is provided by A-Turf. www.aturf.com

AquaTurf specializes in the design and construction of sports fields, tracks, tennis courts and tennis court complexes nationwide. www.aturf.com

Bermuda, Vamont Bermuda, Meyer Zoysia, Turf Type Fescue and Quackstand Bermuda. www.covermaster.com

Dakota Peak & Equipment provides turf managers perfect tools to make sure fields are lined to perfection. Supplies, Alumanumber and Line-Up hash mark painting system to assist in this perfection are also available. www.dssworks.com

DuPont Turf Blankets create a greenhouse type environment promoting quicker green-up and deeper root penetration. www.parksite.com

Dura Plastic Products, Inc. provides PVC piping component needs nationally and internationally with a strong commitment to service and "Quality by Design." www.duraplastics.com

EaglePicher produces and sells Axis soil amendment and Playfield conditioner. Axis is a complete overall soil amendment providing water savings and enhancing absorption of plant nutrients. www.eaglepicher.com

Earth & Turf Products, LLC produces simple well-built topdressers for the sports turf industry. www.earthandturf.com

ECO CHEMICAL, INC. 1029

Wyoming MI

EMCH Bros., Inc. 941

Wyoming MI

EMCH Bros., Inc. design and build services for quality athletic fields.

Environmental Turf, Inc. 1234

Vero Beach FL

Environmental Turf is a firm dedicated to the research, development, marketing and distribution of environmentally friendly warm-season turf grasses. www.environmentalturf.com

Evergreen Synthetic Turf, LLC 1118

Dalton GA

Evergreen Synthetic Turf, LLC is the oldest owned and operated manufacturer in the world with over 30 years of manufacturing experience. www.turfmill.com

Ewing Irrigation Products 1013

Glendale CA

Ewing Irrigation Products is a turf irrigation and horticultural product wholesaler serving 19 states. www.ewing1.com

Excell Minerals introduces a new specialty fertilizer named "Excellerator." This custom turf product offers a unique micronutrient package with concentrations of calcium and soluble silicon. www.excellminerals.com

Fairmount Minerals 1031

Chardon OH

Some of the country's most successful and experienced silica sand related technology. www.fairmountminerals.com

Fieldmaster Infield Groomer 1109

Lenexa KS

Fieldmaster has 5 grooming tools: combination scarifier, leveling bar, roller, weight tray and sweep for a textured finish. www.fieldmaster.com

http://www.greenmediaonline.com
Synthetic Turf Groomer
with GreensSlicer®
Spring Tine Rake.

Fast, Efficient Grooming
of all filled synthetic
sports fields!

FEATURES and BENEFITS

• Synthetic Sports Turf Groomer works with all fill material currently used, in both wet and dry conditions.
• Patented brush design lifts turf fibers leaving them in a plush, upright position. Brushes move fill to low spots or depressions left after play.
• Synthetic Super Duty Blue Brushes retain their original shape, resist wear, and will not rot.
• GreensSlicer Spring Tine Rake consists of 3 rows of 28 tines spaced 7/8 inch apart for thorough coverage.
• Each row of tines may be adjusted to the desired level of aggressiveness.
• The GreensSlicer combs through the fill material, relieving compaction and assuring a soft, level playing surface.

Call for additional information on our line of
Synthetic Turf, Natural Turf,
and Clay surface Groomers

888-298-8852 Fax 317-298-8852
www.greensgroomer.com
GreensGroomer WorldWide, Inc., Indianapolis, IN
Copyright © 2005 GreensGroomer WorldWide, Inc. All rights reserved.
U.S. Patents 5833013, 6655469. Other Patents Pending.

Experts on the Field, Partners in the Game.
FieldTurf replicates a natural grass surface with a sand and rubber infill system, the biggest technological development in 26 years. www.fieldturf.com

FIRST PRODUCTS, INC. 518
Tifton GA
Manufacturer of the only patented vibrating tine aerators. Equipment use includes aerating, primary seeding, overseeding, verticutting and incorporated top-dressing. www.tstproducts.com

FLORIDA SOD GROWERS COOPERATIVE/ SOD SOLUTIONS, INC. 1212
LaBelle FL
Sod Solutions, Inc. is an international developer of improved warm season turfgrasses, including Empire Zoysia, Celebration BermudaGrass and Palmetto St. Augustine. The Florida Sod Growers Cooperative represents sod producers throughout the state by monitoring issues that affect the industry and promoting the benefits of turfgrass. www.sodsolutions.com

GENERAL SPORTS TURF SYSTEMS LLC 729
Rochester, MI
General Sports Turf Systems designs, develops and constructs state-of-the-art game day grass synthetic athletic fields. www.generalsports turf.com

GEOTECHNIQUES, INC. 209
Wixom MI
Geotechniques, Inc. manufacturers thermal protection blankets and pre-fabricated drainage systems. www.geotechniques.com

GRACO, INC. 1038
Minneapolis MN
Graco, Inc. is the global leader in airless line striping equipment and accessories. www.graco.com

GRADEN INDUSTRIES PTY. LTD. 434
Somerton Victoria AU
Gradan is an innovative company with a widening product range including our walk behind and tractor mounted dethatchers, verticutters and riding greens roller. www.gradan.com.au

GREENSGROOMER WORLDWIDE, INC. 813
Indianapolis IN
Since 1996, GreensGroomer has provided turf-conditioning equipment to more than 4,000 synthetics and natural turf venues worldwide including NFL & MLB facilities, colleges, high schools, golf courses and parks and recreation departments. www.greensgroomer.com

GREENTECH, INC. 826
Roswell GA
Provides innovative natural turf products and professional services for use in designing and constructing premier athletic fields. www.greentechnl.com

GRIBB BROTHERS 335
Albia IA
Grigg Brothers has the most advanced technology in specialty fertilizers available for sports turf today. www.griggbrothers.com

GRO-POWER, INC. 422
Chico CA
Manufacturer of humus base fertilizer/soil conditioner products designed to enhance specialty formulas for sports fields and golf courses. www.gropower.com

GROUNDS MAINTENANCE MAGAZINE 227
Overland Park KS
Leading magazine that covers topics ranging from chemicals, equipment, irrigation, construction/design to trees, shrubs, flowers and turf. www.grounds-mag.com

HARPER INDUSTRIES, INC. 213
Harper KS
Harper/Goosen products specialize in debris management such as debris blowers, vacuums and verticutters. www.goosen.com

HUNTER INDUSTRIES 813
Tierra Verde FL
Leading manufacturer of water-efficient irrigation products. Hunter's valves, controllers and rotors help provide safe surfaces in sports fields worldwide. www.hunterindustries.com

JACKLIN SEED 1126
Washington OH
Jacklin Seed has developed leading turfgrass varieties for more than seventy years. www.simplot.com/turf/jacklin

JACOBSEN, A TEXTRON COMPANY 427
Charlotte NC
Serves the golf, sports field and commercial grounds care market with a full range of precision mowers, aerators, utility vehicles, and sprayers. www.jacobsen corp.com

JOHN DEERE CO. 801
Cary NC
Products include: hand-helds, walk behinds, front mowers, zero turn mowers, tractors, skid steers, utility vehicles and special machines for athletic turf maintenance. www.johndeere.com

JOHNSON SEED CO. 1101
Endik MN
Johnston Seed Company offers a wide choice of wildflower and native plant mixes. You may choose from in-stock regional mixes or we can custom blend. Our staff will help select the specific elements of color, adaptability, and cost to insure the best possible results for your individual planting needs. We offer many varieties of wild flowers and grasses including Bowie, Bison and Cody buffalograss, Riviera, Rata, Wrangler and Guyomon BermudaGrass. www.johnstenseed.com

K-RAIN MANUFACTURING 718
Riviera Beach FL
Manufacturer of gear driven rotors, sprinklers, sprays, controllers, and valves for commercial and residential markets. www.krain.com

KELLY-CRESWELL COMPANY 1130
Xenia OH
Kelly-Creswell has been producing high quality field stripers for decades. We are proud to introduce our new hydrotast. It has large paint capacity and awesome power. www.kellycreswell.com

KIFCO IRRIGATION 1028
Havana IL
Kifco carries a complete line of portable Slurry and Irrigation Water-Reels, portable PTO Pumps for both slurry and clear water and other accessory. www.kifco.com

KLAWOG-KLACONBYWESSCO, INC. 423
Copley OH
Provides mound and batters box clay and field conditioners. www.klawog-klacon.com

KORO SYSTEMS NORTH AMERICA, A DIVISION OF GREENONE INDUSTRIES 519
Sedalia CO
Koro Systems is revolutionizing the sports turf industry with cost effective renovation, drainage and aerating equipment. www.korosystems.com

KROMER CO., LLC 734
Plymouth MN
Specializes in equipment for athletic fields. The Kromer Athletic Field Machine (AFM) is the only machine that applies dry lines, wet lines, rooms, conditions, mows, aerates, spreads, sprays and will cut and paint a line at the same time. www.kromerco.com

KUBOTA TRACTOR CORPORATION 931
Torrance CA
Kubota markets a line of equipment 10-105 PTO hp, commercial movers, lawn and garden equipment and attachments. www.kubota.com

LANDSCAPE SUPERINTENDENT MAGAZINE 208
Tustin CA
Free portal to landscape development industry. www.landscapeline online.com

LANDSCAPES UNLIMITED, LLC 1135
Lincoln NE
Landscapes Unlimited's Recreational Development Group's expertise in landscaping, irrigation, drainage and laser-grading have been instrumental in our capabilities to create high class sports fields (natural or synthetic). trails, practice fields and parks. Each and every project for Landscapes Unlimited is a unique opportunity to create outdoor aesthetics a community or owner will enjoy and appreciate for years. www.landscapesunlimited.com

LASER LEVELING, INC. 1214
Lutz FL
For over 20 years, we have been making contractors work easier and more profitable through the use of automatic grading system technology. Our customers and their professions are the reasons we exist, and we strive each and every day to help make their lives just a little bit easier. www.laserleveling.com

LASERTURF SOUTHEAST, INC. 330
Jensen Beach FL
Laserturf Southeast, Inc. is a service company providing precision laser controlled leveling for all sports turf applications. Laserturf@caron@aol.com

LEBANON TURF 627
Butler PA
-produces innovative fertilizers and combination products and also offers seed varieties with consistently high NTEP ratings. www.lebanonturf.com

LR NELSON CORPORATION 818
Pocaria IL
Since 1911, Nelson has been listening to you and developing products to solve your irrigation problems. We take tomorrow's technologies and apply them to today's applications. Your applications! www.lrnelson.com

MAGIC GREEN CORP. 922
Silex MO
Develops efficient plant nutrition technology by combining industrial by-products with nutritionally valuable ingredients. www.magicgreen.com

MAR-CO CLAY PRODUCTS, INC. 334
Bright ON
Mar-Co Clay processes infield clays for baseball diamonds as well as warning tracks and running tracks. www.mar coclay.com

METEOROLOGY 1027
Burnsville MN
Provides customers with the most current, most relevant content, and most convenient access to weather information required to actively manage weather related business risks. wwwmeteorology.com