

The tools for all your grounds maintenance needs.



Reelmaster® 5010 Series



Groundsmaster® 5900



Sand Pro® 5040



Workman® HD Series



*Groundsmaster® 7210
with Polar Trac™*



Pro Force™

Providing quality turf equipment since 1914.

Toro is committed to creating the most durable and reliable equipment to help turf professionals work more efficiently. With a wide range of innovative, high-quality products to choose from, Toro has the right turf equipment and irrigation solution for your job. **The right choice.**

STC
Storr Tractor Company

Storr Tractor Company, Branchburg, NJ
908-722-9830 www.storrtractor.com
Steve Bradley Fred Castenschild Kevin Hoban

TORO.

Count on it.

Welcome!

New and Renewed SFMANJ Members

Currently we have 231 new & renewed members. In December 2009, SFMANJ mailed invoices for 2010 membership dues to all current members. If you did not receive an invoice, please contact us at 856-514-3179 or download the membership form available at www.sfmanj.org. Mail membership dues direct to SFMANJ, PO Box 205, Pennsville, NJ 08070.

Frank Botti	Monroe Township
Albert Brown	City of Wildwood
Virgil Caputo	Monroe Township
Tom DeFino	Fisher and Son Co., Inc.
Steve Hesser	Lawn and Golf Supply, Inc.
David Kuczynski	Somerset County Oark Commission
Thomas Martin	Pritchard Industries, Inc.
Janet Meisner	Township of Byram
Brad Pastrick	North Brunswick Township
Tony Pavelec	Pavelec Bothers Golf Course Construction Co., Inc.
Marie Pompei	F.M. Brown's Sons, Inc.
Nathan T. Reddell	Student
Michael Ryan	The Landtek Group, Inc.
Ed Santalone	Atlantic Irrigation Specialties, Inc.
Brian Stephenson	Newark Academy
James "JB" Stronsky	Till Paint Co.
Tom Torpy	Monroe Township
Scott Van Demark	Mahwah Board of Education
Lisa Van Houton	Hy-Tech Mushroom Compost
Michael Zellner	Dryject, Inc.

Has your entry been submitted for the SFMANJ Field of the Year Contest 2010

Among other things, the winner will also receive a stay at the Trump Taj Mahal, Atlantic City and free registration to the education courses and trade show at Expo 2010.

See page 14 for details

2010 SFMANJ BOARD OF DIRECTORS

OFFICERS

President..... Don Savard, CSFM, CGM, Salesianum School
 Vice President..... Fred Castenschiold, Storr Tractor Co.
 Secretary..... Scott Bills, CSFM, Northern Nurseries
 Treasurer..... Mike Viersma, The Viersma Companies

DIRECTORS

Sean Connell Georgia Golf Construction
 Ray Cipperly Somerset Patriots Baseball Club
 Jeff Cramer, CPWM Howell Township
 Jim Gates Jim Gates & Co., Inc.
 Jim Gavigan, CSFM Jim Gavigan Consulting
 Matt Olivi Piscataway Board of Education
 Brad Park Rutgers University
 Craig Tolley County College of Morris
 Advisor Dr. James Murphy, Rutgers University
 Executive Secretary Debbie Savard

MISSION STATEMENT:

Committed to enhancing the professionalism of athletic field managers by improving the safety, playability and appearance of athletic fields at all levels through seminars, field days, publications and networking with those in the sports turf industry.

Contact us at:

PO Box 205 • Pennsville, NJ 08070

Web site: www.sfmanj.org

Email: mail@sfmanj.org

Phone/Fax: 856-514-3179

National Organization

Sports Turf Managers Association

www.stma.org

Email: stmainfo@stma.org

Phone: 800-323-3875

INSIDE THIS ISSUE

Convincing Your Employer to Send You to Expo 2010	Cover
Welcome New & Renewed Members	3
2010 Board of Directors	3
Message from the President	5
New Jersey Green Expo 2010 Shedule	5
Question & Answer with Rutgers University	6
2010 Proud Sponsor Directory	8
A Contractor's Perspective on Aerification	9
Photo Recap /Adelphia Field Day	10
Budget Basics	12
Calendar of Events	14
Photo Recap /Summer Field Day	19

This newsletter is the official quarterly publication of the Sports Field Managers Association of New Jersey.

For information regarding this newsletter, contact:
 SFMANJ at (856) 514-3179 or Brad Park at (732) 932-9711, x127
 Editor: Brad Park, Rutgers University, Email: park@aesop.rutgers.edu
 Layout and Design: Debra Savard, Email: mail@sfmanj.org

SFMANJ does not necessarily support the opinions of those reflected in the following articles.



Dr. Henry W. Indyk
Graduate Fellowship
in
Turfgrass Science

As many of you know, the turfgrass industry lost a dear friend and colleague in September 2005. We will all miss Henry very much and would like to insure that his legacy lives on. The Indyk family would like to establish a memorial fellowship to support graduate students interested in applied turfgrass science. This fellowship is being created to help assure that tomorrow's graduate students have the financial resources to get an advanced degree in turfgrass science at Rutgers University. To fund a full graduate assistantship each year in Henry's name, we will need to raise a total of \$400,000. Your generous support at this time will bring us closer to reaching this goal.

To make a tax-deductible contribution today, please send a check payable to the Rutgers University Foundation, 7 College Avenue, New Brunswick, NJ 08901. Be sure to indicate "Indyk Fellowship, Turfgrass" in the memo portion of your check. If you desire, you may provide a donation in the form of a pledge payable over several years.

For information on other ways to support this fellowship, please contact

Dr. Bruce B. Clarke, Director – Rutgers Center for Turfgrass Science
 (732) 932-9400, ext. 331; or clarke@aesop.rutgers.edu or

John Pearson, Director of Leadership Gifts at the Foundation, by calling
 (732) 932-7899 or email: pearson@winants.rutgers.edu



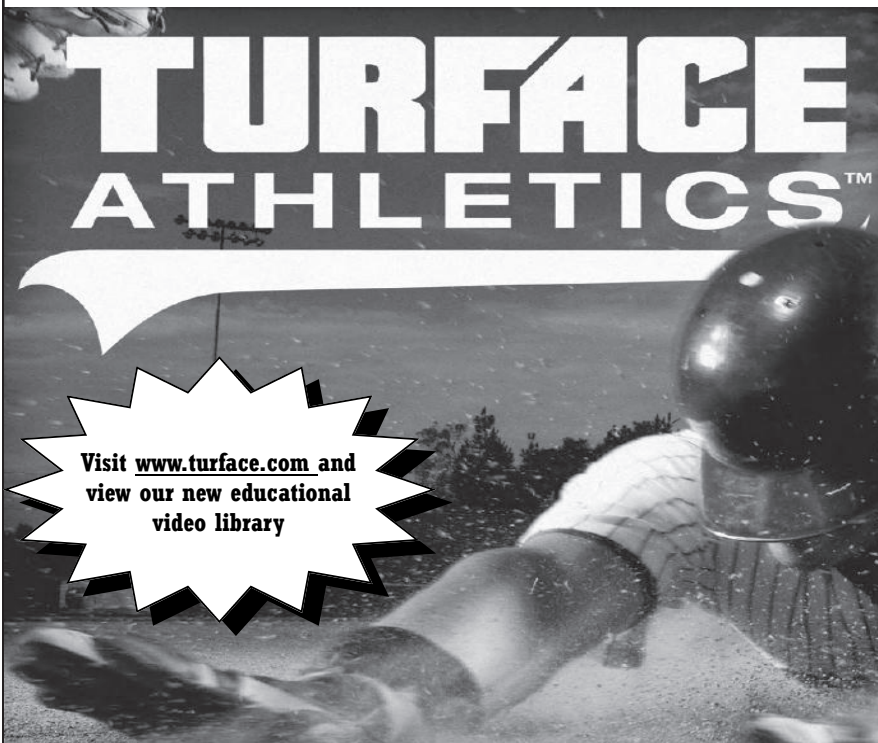
Fertilizers/Seed
Plant-Protectants
Soils/Sands
 We Represent



The Turf Trade
 517 Franklinville Road
 Mullica Hill, NJ 08062
856-478-6704

Alan Phillips 609-226-9303
 Kevin Grundlock 856-472-0097
www.theturftrade.com

#1 Conditioner
On America's Most Playable Fields



Turface MVP[®]

Turface ProLeague[®]

Turface Quick Dry[®]

Turface Field & Fairway[™]

*For Product and
 Distributor Info:
 800-207-6457*

*Or visit
www.turface.com*

President's Message:

Looking Forward to



FALL!



By Don Savard, CSFM, CGM

After this past summer's heat, I'm sure that many of us are looking forward to a more comfortable autumn. My sports fields at the school where I work made it through the summer in fair shape (but not as good as last year). Every summer it is survival of the fittest, and the turfgrass varieties that endure the heat and disease pressures are thriving now. That which has died out has made room for the newest improved turfgrass varieties that I will be overseeding with.

Fall is a great time to make adjustments for the next year. Not only is it a great time to rebuild turf, for many of us who operate within a July first to end of June budget year, it is the time to make the budget for the next fiscal year. For those who are fortunate to participate in your budgeting process, this is an opportunity to have a voice in the direction that your program is going to take.

SFMANJ is planning a Seminar on Wheels this fall for our members. We will visit the Baker Athletics Complex, the primary athletics facility for Columbia's University's outdoor sports programs. A guided tour led by Columbia's sports field manager and SFMANJ member Kevin Malone, CSFM will feature the variety of different synthetic sports field systems used for collegiate sports including football, soccer, baseball, softball, field hockey, lacrosse, track & field and tennis. You will see and hear firsthand how an all synthetic sports complex is professionally managed on a daily basis. Motorcoach transportation and lunch will be included. Other interesting stops are also planned. Stay tuned for more information about this.

And while you are planning, we hope that you will be able to join us December 7-9 2010 in Atlantic City, NJ for the 35th Annual EXPO at the Taj Mahal. Be sure to read the article in this issue "Convincing your Employer to Send You to Expo 2010"

Don Savard

Don Savard is a Certified Sports Field Manager (CSFM) and Certified Grounds Manager (CGM); Director, Athletic Facilities and Grounds, Salesianum School; and President, SFMANJ.

New Jersey Green Expo Turf & Landscape Conference

Trump Taj Mahal Casino-Resort, Atlantic City, NJ
December 7-9, 2010

2010 Sports Field Managers Program

Tuesday, December 7, 2010

- 1:00 pm **Weed control strategies for school grounds**
Steve Hart, Rutgers University
- 1:30 pm **White grub control strategies for school grounds**
Rich Buckley, Rutgers University
- 2:00 pm **Integrated Pest Management strategies for school grounds**
Mary Owen, University of Massachusetts
- 3:00 pm **Environmental turfcraft for school grounds**
Kevin Trotta, North Rockland, NY Board of Education
- 4:00 pm **Trade Show**

Wednesday December 8, 2010

- 7:30 am **Early bird sports field managers**
Networking roundtable
- 8:30 am **SFMANJ Annual Business Meeting**
- 9:15 am **The year in review: 2010**
Brad Park, Rutgers University
- 9:45 am **Turfgrass establishment procedures for athletic fields**
Dr. James Murphy, Rutgers University
- 10:30 am **Building an organic fertility program**
Mary Owen, University of Massachusetts
- 11:30 am **Trade Show**
- 2:30 pm **Managing natural and synthetic fields in Long Branch, NJ**
Frank Ravaschiere, City of Long Branch
- 3:15 pm **Panel: Working with fewer resources & managing expectations**
Moderator: Don Savard, CSFM, CGM
Ray Cipperly, Athletic Director, Middlesex County Vo-Tech
Frank LoSasso, Varsity Baseball Coach, Hammonton High School
Brian DeLucia, Piscataway Business Administrator
Scott Bills, CSFM, Former Division I Baseball Player,
Northern Nurseries
- 5:00 pm **Conclusion**

Question & Answer

with Rutgers University

By Dr. Jim Murphy and Brad Park

Q: Currently our soccer fields are all perennial ryegrass, I believe the variety that we are using is suboptimal and the beating it takes every year concerns me. I've done some research and I'm of the belief that we should migrate from ryegrass to tall fescue. More specifically, from the NTEP tests, Falcon V, Shenandoah III and Shenandoah Elite all look like excellent varieties for sports fields since they do very well on the wear tests and have an excellent appearance.

My concern is the existing ryegrass. I understand it's very competitive so I'm worried about over seeding with tall fescue just to have the ryegrass choke it out in a year. Would it be necessary to apply Roundup to the perennial ryegrass before planting tall fescue?

If you feel it's impractical to switch to tall fescue do you have any current test data on ryegrass and/or Kentucky bluegrass NTEP wear tests? I believe that even if we stick with the ryegrass but just switch to a better variety conditions will improve.

If you do think switching to a tall fescue is a good idea would you recommend any specific varieties of Kentucky bluegrass to mix with it? I heard at the field day this week that seeding with a fescue/rye mix is a bad idea since the 10% rye will overtake the 90% fescue in a couple of years.

Basically, any seed recommendations you may have would be appreciated.

A: You've asked some very pertinent questions. You could attempt to slit seed or use an Aera-Vator to begin introducing tall fescue to the existing soccer fields once or twice a year. There is no guarantee of immediate success; however, overtime you may see some tall fescue become established. Perennial ryegrass is still the best choice for routine overseeding of high traffic areas like goal creases. I would not use a Kentucky bluegrass/perennial ryegrass mixture for the purpose of overseeding high traffic locations. Use a blend of 100% perennial ryegrass. There are varieties with improved wear tolerance, turf quality, and gray leaf spot resistance available (see discussion below).

In an ideal situation, to completely transition from perennial ryegrass to tall fescue, applying Roundup makes sense. However, field closure, access to irrigation, and renovation timing all enter into the equation. If you can't close the field, don't have access to irrigation, or can't seed between August 15 and September 30, I would not apply Roundup.

The tall fescue varieties you mentioned are all good varieties. Selecting a variety based on turf quality, brown patch susceptibility, and wear/traffic tolerance will provide you with a good choice for a sports field.

Regarding mixtures, if your goal is to have a tall fescue field, I would not mix perennial ryegrass with the tall fescue. If your goal is to have a Kentucky bluegrass field, I would not mix perennial ryegrass with the Kentucky bluegrass.

The question of tall fescue/Kentucky bluegrass mixtures is a good one and Dr. Jim Murphy and I are discussing performing some research in this area. Based on what I'm observing in our Hort Farm II tall fescue study, I am not convinced Kentucky bluegrass needs to be added to tall fescue - assuming tall fescue varieties are established with superior turf quality, brown patch resistance, and wear/traffic tolerance. It has been observed that tall fescue/Kentucky bluegrass mixtures gradually transition to predominantly Kentucky bluegrass, so there is a strong argument to limit the initial seeding to 100% tall fescue, assuming your long term goal is to have a tall fescue field.

Attached are three pdf documents detailing the research results from Hort Farm II in 2009 for Kentucky bluegrass, perennial ryegrass, and tall fescue. We applied wear to our perennial ryegrass test in September 2009 and the results are in the document. For the purposes of overseeding, I suggest selecting perennial ryegrass varieties based on turfgrass quality, gray leaf spot resistance (usually delineated by 'GLR' or 'GLSR'), and wear/traffic tolerance. - BP

Editor's note: The Kentucky bluegrass, perennial ryegrass, and tall fescue research results referenced above are available by contacting Brad Park (park@aesop.rutgers.edu).

Q: I read the fact sheet that Rutgers put out regarding infield mixes. [See: Skin Surface Selection and Management for Baseball and Softball Fields <http://njaes.rutgers.edu/pubs/publication.asp?pid=FS1096>]. I am building a new baseball and softball field for the college facility that I manage in New England - where rain is always a factor in the spring. Drainage and playability in wet weather is a major concern. I know that clay is used as a binder and that too much sand produces an infield mix that breaks down too easily. If you use an angular sand instead of a round sand can you increase the sand percentage without breakdown being an issue? One of the local sand mines has a material which is made from crushed rocks; it is like a coarse sand and packs very well. I have used it previously for cart paths on golf course. I am wondering

Continued on page 15

Convincing your employer to send you to **EXPO 2010**

Continued from page 1

Reinforce how the success of your sports fields ultimately depends upon the continued professional development of you and your staff.

Know the Cost

Make a case for efficient and effective use of your facility's training dollars. By attending Expo 2010, you will be exposed to the most relevant education and technology in one place, making it the most effective use of training dollars.

Research travel times and hotel costs. While Atlantic City is feasible day trip from almost anywhere in New Jersey, the New Jersey Turfgrass Association does its part to negotiate reasonable room rates at the Trump Taj Mahal to make staying a night reasonable. Expo 2010 will feature online registration at www.njturfgrass.org

Have an Action Plan

Develop a plan for how operations will continue in your absence. Make sure you are accessible by phone (please turn off or set on vibrate during sessions!!!!) to address any concerns that might arise in your absence.

Consider preparing and presenting a report on the information you learned and how you plan to put it into practice at your facility.

Demonstrate how you will share the technical information learned with your staff for their continuing educational development.

See you in Atlantic City in December!

*Brad Park is Sports Turf Res. and Ed. Coord., Rutgers University.
SFMANJ Board Member, and Editor, SFMANJ Update*

NATIONAL SEED PROFESSIONAL TURF PRODUCTS

**Specializing in Quality
Grass Seed to Meet All Your
Turf Performance Standards**

Call For a Catalog

800-828-5856

Carry a full line of quality mixtures
especially formulated for:
SPORTS & ATHLETIC FIELDS

LOW MAINTENANCE AREAS
GENERAL GROUNDS
GOLF, LAWN & RECLAMATION

**Technical Agronomic Support and
Custom Blending Available**

TUCKERTON TURF FARMS INC.



*Life's Short
Sod It*

- **Labor Saving Big Rolls**
- **Athletic Field Renovations**
- **Kentucky Bluegrass**
- **Tall Fescue**
- **Turf Installation**

Toll Free:

866-698-0615

Website: www.tuckertonturf.com



Visit our web site:

sfmanj.org

Dual Slope Laser Grading



- Automated dual slope
- Accurate to .125" (1/8")
- 1 day service available
- Complete athletic field construction
- Bonded and insured
- Local references

Georgia Golf Construction, Inc.
1441 Route 50
Woodbine, NJ 08270
Tel (609)-628-2597 or (404)216-4445
Fax (609)-628-3087

www.georgiagolfconstruction.com

**Increase your field's drainage and
playability.**

2010 Proud Sponsor Directory

STORR TRACTOR COMPANY

Turf, Irrigation and Ballfield Equipment
Sales - Fred Castenschiold,
Kevin Hoban, Steve Bradley
3191 Highway 22 Somerville, NJ 08876
908-722-9830 Fax: 908-722-9847



PARTAC/BEAM CLAY

Your "One-Stop Source" For
Baseball and Sports Turf Surfaces & Supplies!
(800) 247-BEAM, (908) 637-4191
Fax (908) 637-8421, sales@partac.com
Website: www.beamclay.com



WILFRED MAC DONALD, INC.

Turf Equipment/Rentals
Sales-Bernie White, Mike Clifford, Steve Kopacn
19 Central Blvd., S. Hackensack, NJ 07606
888-831-0891 ex 114 Fax: 201-931-1730
sales@wilfredmacdonald.com



BEN SHAFFER & ASSOCIATES, INC.

Quality and Value Since 1921
Sport Goals, Netting, Bleachers
Fence Topping and Much More
www.benshaffer.com
1-800-953-2021



PUT YOUR AD HERE:
To become a Proud Sponsor Call: 856-514-3179
\$150 for one year

Beam Clay®

Baseball Diamond Mix
Pitcher's Mound Mix
Home Plate Mix
Infield Conditioner
Mound Bricks
Mound Top-Dressings
Permanent Pitcher's Mound
& Batter's Box Pads
Warning Track

Pro's Choice®

Diamond Pro®

Stabilizer®

Hilltopper®

Diamond Dry®

Nail Drags & Scarifiers

Drag Mats & Cocoa Mats

Infield Grooming Equip.

Mound Bricks

Mound Building Tools

Batter's Box Templates

Cleat Cleaners

Batting Practice Screens

Batting Practice Mats

Backstops

Batting Cages

Batting Tunnels

Rain Covers

**YOUR "ONE-STOP SOURCE"
FOR AMERICA'S
BASEBALL & SPORTS TURF
SURFACES & SUPPLIES!**



**WE'VE SUPPLIED PRODUCTS TO EVERY MLB TEAM,
OVER 150 MINOR LEAGUE TEAMS,
OVER 700 COLLEGES AND THOUSANDS OF
TOWNS & SCHOOLS WORLDWIDE!**

(800) 247-BEAM • (908) 637-4191

www.BEAMCLAY.com

4 INFIELD MIXES FOR NJ:

ORIGINAL PREMIUM, PRO PREMIUM, MEDIUM & LITE

PARTAC PEAT CORPORATION • KELSEY PARK, GREAT MEADOWS, NJ 07838

**"The best infield mix I've ever used!"
— GEORGE TOMA**

FenceGuards™

DuraPad™
On-Deck Circles

Hollywood® & Schutt® Bases

Rogers® Break-Away Bases

Soft-Touch™ Bases

Mautz® Athletic Field Paints

Athletic Field Stencils

Field Marking
Equipment & Material

Permanent Foul Lines

Rakes & Squeegees

Safety Fencing

Windscreen

Wall Padding

Ball & Barrier Netting

Benches / Bleachers

Watering Equipment

Water Removal Equipment

Geotextile Fabrics

Turf Top-Dressings

Running Track Surfaces

Tennis Court Surfaces

Bocce Court Surfaces

Playground Surfaces

A Contractor's Perspective on

AERIFICATION

By Sean Connell

Aerification is a critical piece of the turf management puzzle. It is the one mechanical practice that is the staple in most turf programs. It alleviates compaction, removes thatch, and delivers air, nutrients and water to the roots very efficiently. Of course with anything in the turf business, the term 'aerification' can encompass a wide spectrum. It can mean using shoes with spikes on the bottom or a deep tine aerifier that could cost \$40,000. The choices are endless and options are maybe even greater. There are two basic forms of aerification: solid tines and coring tines

Solid tines are used mostly for deep tine applications with tine sizes ranging from 6.0 to 14.0-inches long and can be over 1.0-inch diameter. Deep tine aerification penetrates the thatch, topsoil and potentially subsoil all in one motion. This is very effective and is considered one of the most economical forms of aerification because it does so much and penetrates so deep in one pass. The surface damage is minimal as well. There is usually only a tab of thatch and a hole visible from the operation of the machine. Considering how many options there are in equipment, I recommend using weight of the attachment as a determining factor for choosing equipment. Heavy usually means well built. Regular wear of an aerifier is incredibly harsh. Effective life spans

of equipment that perform aerification are usually short even when scheduled maintenance is performed. Make equipment decisions wisely.

Core aerification removes a core of thatch and soil ejecting the plug every time it strikes the ground. The main reason to use coring tines is to remove and reduce thatch build up from the organic layer. The cores sizes can range from 0.25 to 1.25-inch. The larger the tines, the more economical. Larger tines remove the most thatch and alleviate the most compaction. After aerifying, the cores can be unsightly and affect play of the particular sport. So planning the clean-up in advance is always a consideration. Core aerification followed by plug removal is also excellent way to make room for topdressing material. Sand and/or organic materials are very popular choices (together or separately) that can be topdressed to fill-in coring holes. This is excellent way to modify soil by adding organics for a better cation exchange capacity or sand for better drainage. Either way, if your goal is to amend the soil, a physical soil test on your native soil and the material you intend to use will help you in deciding on

Continued on page 18

Did you know . . .

The turfgrass disease 'triangle' pictorially illustrates that a turfgrass will only succumb to a fungal disease if

1. the turf is susceptible to the fungal pathogen;
2. a virulent fungal pathogen is present; and
3. environmental conditions are suitable for infection to occur.



**AERIFICATION
FERTILIZATION
SPRAYING
TOPDRESSING
SEEDING**

**INFIELD WORK
LASER GRADING
DRAINAGE
ROOT PRUNING
CONSULTING**

NJ PESTICIDE LICENSE W/ CATEGORY 13 IPM

CLARK WELD

PHONE: 609-839-6129 FAX: 856-273-0998

EMAIL: CLARK@CLARKTON.NET

PHOTO RECAP.....



Jacobsen mower brought by Wilfred MacDonald



Smithco Sweeper brought by Wilfred MacDonald



BLEC Combinator brought by STEC Equipment



Aerifier brought by TurfTime Equipment



WaterWick brought by The Viersma Companies



Mike Viersma, The Viersma Companies