

UPDATE Sports Field Managers Association of New Jersey

Fall 2018
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SFMANJ FALL FIELD DAY

Thursday, October 25, 2018

Manahasset Creek Park
Long Branch, NJ



Inside Information:

- SFMANJ Fall Field Day
- Trip to Monmouth Park Racetrack
- Winterizing Your Irrigation System
- Expo 2018
- Football Field Maintenance
- Upcoming Events

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Welcome! New and Renewed SFMANJ Members

Currently we have 224 new & renewed members. Sports Field Managers Association of New Jersey mailed invoices for 2018 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.

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Sports Turf Managers Association
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*This newsletter is the official quarterly publication of the
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SFMANJ does not necessarily support the opinions of those reflected in the following articles.

SFMANJ Returns to MONMOUTH PARK RACETRACK for 2018 Fall Field Day

Editor's Note: Sports Field Managers Association of New Jersey (SFMANJ) and Rutgers University have had close ties over the years with Monmouth Park Racetrack - The Shore's Greatest Stretch. Dr. Henry Indyk served as turf consultant for many years at the Oceanport, NJ facility and Dr. Jim Murphy served as lead Rutgers consultant on the reconstruction of the turf course prior to the Breeders Cup held at Monmouth Park in 2007. SFMANJ last held a Field Day at the storied race course in Spring 2006.

SFMANJ will be returning to Monmouth Park as part of its Fall Field Day on October 25, 2018. The following are excerpts of past articles and images concerning Monmouth Park that appeared in SFMANJ Update.

A Look Back at Spring Field Day 2006

First appeared in the May/June 2006 edition of SFMANJ Update

By Brad Park



There is never a lack of practical information offered at a Sports Fields Managers Association of New Jersey (SFMANJ) Field Day. This year's Spring Field day held at Shore Regional High School, West Long Branch and Monmouth Park Racetrack, Oceanport was no exception. A since 'thank you' goes out to ... the New Jersey Sports and Exposition Authority and Monmouth Park Racetrack for hosting the ... Field Day.

Monmouth Park Racetrack [is] a thoroughbred racing facility appropriately nicknamed, "The Shore's Greatest Stretch." Lunch was served on the 3rd floor of Monmouth Park's venerable Clubhouse and was graciously sponsored by Storr Tractor Co. and Northern Nurseries.



Dr. James Murphy, Rutgers Univ., a primary consultant involved in the design and construction oversight of the new turf course, gave a unique tour of the reconstructed thoroughbred turf course. The tour began on the front stretch and moved to a newly constructed racing chute. A second racing chute was incorporated into the reconstruction to create a new starting point for races. Discussion included the rationale for utilizing existing topsoil, the inclusion of a largely sand material used in septic systems to serve as a new sub-base, re-contouring the racing surface to allow more racing lanes and greater banking in the turns, and future turfgrass management strategies.



**Don't forget to register for SFMANJ Fall Field Day
Manahasset Creek Park. Long Branch, NJ**

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The tour concluded with a walk down the track's original racing chute and the opportunity to witness the final stages of the construction process. Field day attendees observed Tuckahoe Turf Farms installing big roll sod consisting of a tall fescue/Kentucky bluegrass mix.



The Monmouth Park turf course is being reconstructed in preparation for the track's hosting of the Breeders Cup in October 2007.



A hallmark of SFMANJ's Spring Field is strong attendance and the networking opportunities that come with many sports field managers gathering in one setting. This year's Spring Field Day lived-up to the SFMANJ tradition.

Monmouth Park Turf Race Named in Honor of Dr. Henry Indyk

By Brad Park

First appeared in the September/October 2006 edition of SFMANJ Update

On Wednesday afternoon, August 23, 2006, Monmouth Park Racetrack, Oceanport, NJ recognized the late Dr. Henry Indyk for the agronomic help he provided the track over the years in the management of the turf course.

The seventh race was a one mile and one sixteenth race over the Monmouth Park turf course and listed in the program as, "IN MEMORY OF DR. HENRY W. INDYK". Mary Indyk (wife) and Ken Indyk (son) were on-hand to watch the race as well as present a trophy to the winning jockey.

Dr. Indyk passed away last September at the age of 84. He taught at Rutgers Cook College for more than 30 years and became



Professor Emeritus of Turfgrass Science in 1990. Among his many achievements was the establishment of the New Jersey Turfgrass Expo as well as creation of the Sports Turf Managers Association's (STMA) Certified Sports Field Managers (CSFM) program.

A special thanks goes out to Bob Juliano, Director of Facilities, Monmouth Park Racetrack for arranging this tribute to Dr. Indyk.

Brad Park is Sports Turf Research & Education Coordinator, Rutgers University; Editor, SFMANJ Update newsletter; and a member of the SFMANJ Board of Directors.

SFMANJ FALL FIELD DAY Manahasset Creek Park Long Branch, NJ

OCTOBER 25, 2018
Including A Trip To
Monmouth Park Racetrack

- 7:00 – 7:30 am Vendor Registration / Set-Up
- 7:30 – 8:45 am Attendee Registration, Trade Show Open
- 8:45 – 9:00 am Pass the Mic
- 9:00 – 10:00 am Tour of Manahasset Park Synthetic Turf: Synthetic Surface Management
Frank Ravaschiere, City of Long Branch
- 10:00 – 10:30 am Synthetic Turf Equipment Demos
- 10:30 – 11:00 am Baseball/Softball Skin Surface Considerations During Autumn
Scott Bills, CSFM
- 11:00 – 11:30 am Skin Surface & Natural Turf Demos
- 11:30 – 12:00 pm Soil Test Interpretation and ProFACT Fertilizer Rules
Brad Park, Rutgers University
- 12:00 – 1:00 pm Lunch
- 1:00 pm Move to Monmouth Park Racetrack
- 1:30 – 2:30 pm Tour of Monmouth Park Turf Course (Trip is optional)
Bill Anderson, Track Superintendent

SEE REGISTRATION FORM ON PAGE 15

Vendors - contact us at 856-514-3179
or www.sfmanj.org for info

FOOTBALL FIELD MAINTENANCE FOR NATURAL TURF FIELDS ABOVE THE TRANSITION ZONE

By Rich Watson

Editor's Note: This article first appeared as a two-part series in the Summer and Fall 2013 issues of SFMANJ Update. The author was Sports Field Manager, Pine Hill Public Schools, Pine Hill, NJ at the time of authorship.

As I am writing this article, winter is starting to wind down and attention to spring sports is about to begin. Baseball, softball, track and field, tennis and lacrosse will be in full swing shortly just as the weather becomes bearable for outdoor sports. As conference season comes to a close, I can recall many great talks about baseball field maintenance for all different levels of competition. There are many sources of information about the craft of maintaining baseball fields. However, when it comes to the sport of football, I don't recall any talks or articles about maintaining a high school field or any other type of football field.

I recently spent some time talking with Tony Leonard of the Philadelphia Eagles on our way back from the STMA conference in Daytona. Even at the highest level of completion, Tony is often asked "why can't you grow grass on that field"? During our discussion, I found out that there are many reasons why it is difficult. Sharing the stadium with Temple University, dealing with shade issues, hosting many non-football related events and a very narrow set of hash marks are just a few of the hurdles that Tony and his crew face. In addition, the Pro game is played by the largest athletes in all of sport. The fact that they play the bulk of the game in a very small area of the field causes a variety of maintenance problems.

Tony has adjusted by changing his field over to bermudagrass. This allows him to get through most of the season on a very durable surface. As the weather cools the bermudagrass is removed to the depth of 1.5 inches and thick cut Kentucky bluegrass sod is installed to finish out the late season schedule with good turf cover. This process has been very successful for Tony and the Eagles.

While this may be a good answer on the professional level, what about those of us on the high school or park and recreation level. Are there answers to the problems we deal with on our football fields or are we facing a future with plastic football fields as the solution? I don't claim to have all of the answers, but we have had a lot of success with the maintenance of our football fields. Our maintenance program doesn't begin and end with the football season but rather focusses on a yearlong approach. The new season begins as the old one ends.

Enjoy an Early Spring

Spring is a very important time for football fields. The fall season really wears out most fields and springtime is usually the time that significant recovery can take place. This process can be slowed by lacrosse but recovery must be taken into consideration regardless. March 1 in NJ is the first day you can apply fertilizer legally and we do. At least 0.5 lbs of nitrogen (N) per 1000 square feet are applied as ammonium sulfate. This provides food for the new turf planted at the end of last season and promotes growth of established turf also. In addition to an early application of N, there must be

a concentrated effort made to begin mowing to remove dormant turf and promote new growth. It is tempting to allow football fields to lie dormant in early spring. There are a lot of other things going on and football is not one of them. Don't fall in to this trap. The quicker your turf is actively growing, the quicker it has the ability to establish and endure the stress of drought and pest pressures that are coming later in the spring and summer. Fertilizer is provided on an as-needed basis during the spring with the intention of not applying more than 0.5 lbs N per 1000 square feet per month.

Aeration

Aeration is something that is very important but commonly overlooked. In our case, we have a core-aerator but have no good way to clean up the messy cores. In addition to the mess, coring during the football season may not always provide the results you are looking for. Problems occur during the season if you open up a worn field by coring. Sometimes because of a busy schedule there is not enough time for the field to heal before the next game is played. This can cause a poorly rooted field to suffer damage even though that was not the intention. At Overbrook we have found a nice window of opportunity right after Memorial Day. Early June is after our spring season and usually before the weather gets too hot. The fields seem to really respond well at this time of year. The turf is actively growing and our activities are limited. We try to make up for the few coring opportunities that are available by using our slicing aerator when we are seeing signs of compaction. This aerator provides us the ability to open things up without disturbing the playing surface. It is a very valuable tool that also aides us in our fall over seeding program by providing a nice seedbed. Another added benefit of slice aerating is the ability to find grub damage quickly during August and early September. It is much better for us to find grub damage and treat it, rather than an injury occurring due to field conditions. Ultimately, it is up to the turf manager to find the right time and aerator for your site.

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The Intelligent Use of Water

By Heath Traver

This article offers tips, tricks and other information that will come in handy when winterizing an irrigation system. However, I'd like to begin by talking about water at the molecular level. Typically, when a substance gets colder, the molecules pull in tighter to one another, thereby shrinking and increasing in density, which explains why substances turn into a solid when they reach their freezing point. Water, however, is one of the only substances in the known universe that expands when it freezes, becoming less dense. This rare characteristic explains why ice floats. If ice were to sink, bodies of water would freeze solid. Rather, it floats and insulates the water beneath the ice. This behavior makes life on earth possible.



This fascinating trait is also the reason that we must winterize irrigation systems in cold climates. If water were allowed to freeze within the system, it would expand and probably do damage to the components. When located outside, the backflow device is usually the most susceptible component on the system. It is typically installed above ground, and is mostly made of brass, which is an excellent conductor. Therefore, every year right around Thanksgiving, backflows on systems that haven't been winterized will rupture and water will flood the respective areas. Often times, the backflow is the most expensive component on the system. A 2" RPZ, which is very common on a sports field can cost around \$1,000 to replace. Of course, the backflow doesn't explode the second the temperature drops below 32 degrees. It usually takes about 2 days of the temperature being below freezing. Obviously, this timeline will change depending on the actual temperature and the size of the backflow.

There are 3 methods for winterizing an irrigation system: manual bleeding, automatic drain valves and forced air. Since more than 99% of the systems in our region require the forced air method, this is the one we will talk about here. This method involves running a hose from an air compressor to a blow-out point on the system, and blowing air through the lines until the water has been evacuated.

Before we get into the actual process of winterizing the system, it should be mentioned that if you are not 100% sure that you can effectively and safely winterize the system, an irrigation contractor should be hired to perform the service. If you decide to winterize your system, eye protection should be worn because we are working with compressed air.

When selecting an air compressor, high volume and low pressure is important. The compressor should be able to supply 10-25 cubic feet per minute at 50 PSI. Often times, shop compressors with small holding tanks are utilized by allowing the tank to fill and then rapidly opening the valve to send bursts of air into the system. This creates high pressure within the system which could damage the components. It is also not as effective.



The first thing that must happen when winterizing the irrigation system, is that the main shut off valve for the system must be closed, cutting off the water source. If there is a pump of any kind, the power should be shut off. If a pump tries to run with no water going through it, the pump could sustain catastrophic damage. If there is a pump

relay on the system, it is recommended that the wire should be removed from the Master Valve terminal in the controller. This is an extra precaution in the event that somebody inadvertently turns the power back on to the pump. Next, an air hose must be run from the compressor to the blow-out connection, which is typically located near the main shut off valve.

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Fall is the time to begin planning for EXPO 2018

December 4-6, 2018

By Brad Park



Editor's Note: This article was adapted from materials developed by Chris Carson, Golf Course Superintendent, Echo Lake Country Club, Westfield, NJ and Expo Education Chairman; and Sports Turf Managers Association (STMA)

It's time to begin planning your trip to Expo 2018. The New Jersey Green Expo will be return to The Borgata in Atlantic City, NJ during December 4-6, 2018.

A few highlights:

Credits, Credits, Credits... New Jersey DEP Pesticide Credits (and other states) are anticipated as well as New Jersey ProFACT Fertilizer Credits.

Education... a comprehensive Educational Program will focus on Sports Fields, Lawn and Landscapes, and Golf disciplines. Local, national, and internationally known industry and university leaders will be presenting important information that you can use to make your operation better.

Trade Show... one of the largest trade show events in the region, Expo proudly presents many of the best vendors and suppliers of services. Discuss your specific management issues with the best companies our industry has to offer.

Fellowship... many opportunities exist to meet old friends and to make new ones. Whether on the trade show floor, or in the hallways between sessions, or in the many formal social opportunities, or in the informal social get-togethers, the three days at Expo offer you a great opportunity to learn what others are doing in our business in a relaxed atmosphere. Many attendees have told us that these informal discussions are highlights of the conference!

One-on-one discussion opportunities with industry leaders... including the many Faculty at Rutgers University and at other top-notch Universities. Rutgers Professors and more will be there to answer your management questions.

The Borgata to host Expo... The Borgata is the premier Hotel/Casino in Atlantic City and Expo will be returning to The Borgata for 2018!

The Expo mission statement: *The NJ Green Expo is a science based conference and trade show that provides education, business, fellowship, and environmental stewardship opportunities in partnership with the Center for Turfgrass Science at Rutgers University.*

Continued on page 14

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PHOTO RE-CAP

Featuring

Rutgers Lawn, Landscape, and Sports Turf Field Day SEMANJ-SPONSORED TRADE SHOW & EQUIPMENT DEMONSTRATIONS

Photos by Debbie Savard

Aug. 1, 2018, Rutgers Adelphia Research Farm, Freehold, NJ



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ADELPHIA TRADE SHOW

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Photos by Debbie Savard



Thank You!

To All Who Attended and The 20 Vendors Who Helped Make Our Trade Show A Success Again This Year!!

FOOTBALL FIELD MAINTENANCE FOR NATURAL TURF FIELDS ABOVE THE TRANSITION ZONE

Continued from page 6

Summer Stress

Summertime is a time of rest for our football turf. We are lucky that there is very little activity during the summer months until football camp opens around August 15th. Our cutting height is raised to 3.0 inches and mowing frequency is set at 3 to 4 times per week. The thinking is that I don't want to put any extra stress on the turf than is necessary. Last year we went away from applying N during July with some success in suppressing dollar spot. Replacing it with an application of 0-0-62 worked well as we had very little dollar spot last summer as compared to past years. This year we may make an additional application in August to see if it reduces our susceptibility to brown patch. Fungicides are not part of our maintenance program so we are constantly making adjustments to see if we can suppress disease without their use. With that in mind, our irrigation routine is based on need not schedule. This sounds like common sense but it gets complicated with tricky summer weather. The fields are checked daily for soil moisture and then irrigated or not based on this information. I have found that it is ok to get a little dry over the summer. Proper water management is crucial for surviving summer heat and humidity. Please don't set your timer box and forget it.

With football season in full swing right now, let's look back at how it got started in August. Football season starts around the middle of the month but it actually begins for us around August 1. This is when the fields are laid out. Before the fields are painted we cut in a football pattern consisting of end zones cut in the same direction and every five yards cut in the opposite direction. This is done to burn the pattern in without having to waste paint before field use begins.

Consistent mowing throughout the season is very important. Mowing the same pattern for three months or longer may not be the best thing for the health of your turf. We try to cut a different pattern at least once a week usually before painting with the hope that this will serve as a clean-up cut by keeping the grass blades from laying over and not standing back up. With the pattern burned in, it's time to paint and get ready for practice.

The weather has been pretty unpredictable over the past couple of years. We have had wet weather that causes a lot of damage due to the repetitive nature of football practice. Our coaches do a great job of moving around but sometimes damage is inevitable.

After a wet practice we will sometimes use a light roller to push down damaged turf and broadcast perennial rye seed. This process is used in wet or dry conditions in order to keep up with field damage. Seed is the great equalizer in this equation. It allows us to keep some turf cover. Summer camp is different from our regular practices during the school year. Practices are longer and are held six days a week for around three weeks. In addition to seeding, managing moisture is probably the key to surviving this time of the season. During warm weather irrigation is run just after practice to help the turf recover and allow plenty of time to dry before the next practice. A wet field can be ruined in a single practice. Monitoring your field during this period is very important. Your practice field is

going to be used all year long. If no maintenance is done, it will be a very long and bare season.

Game On: Game prep and repair

It always amazes me how much more energy and time we spend on our game fields. The team spends much more time on the practice field but the game field garners all of the attention. We have a very good situation when it comes to our stadium field. One of the reasons the field holds up as well as it does is the fact that it really is just a football field for games. Our coaching staff has even volunteered to move their Friday practices to the practice field in order to preserve conditions on the game field. The marching band has their own practice area at the back of our school that allows them to practice whenever they want. They do however practice on the game field for longer periods of times than I would like during the competition portion of their season. It does force us to aerate more and keep an extra eye on the area of the field that they practice on over and over again. I guess the best advice is to have a good relationship with your coaches and administrators to make your life easier.

Cooperation is great but you need a good plan going in to the week of a football game. Start by looking at the weather forecast to set up a painting and mowing schedule. Typically we will cut Monday, Wednesday and Friday for a Saturday game with painting reserved for Thursday and Friday. Our cutting height is a little higher than most fields (2.5 to 3.0 inches). We counter that by using a light roller on game day to provide a smooth flat surface. In order to keep our sidelines straight, they are cut a quarter inch shorter that morning before rolling. As the season progresses we begin to broadcast perennial ryegrass seed before our games. This allows the athletes to work the seed in with their cleats. This year we have purchased a seeder that we will use to renovate the center of the field throughout the season. The combination of all of these things is what allows us to provide the best surface possible on a tight budget.

Post-game repairs and rest are what really holds the field together from week to week. In the beginning of the season when it is hot, we will irrigate the field as soon as everyone is off after a game. This helps the recuperation process begin. We may also lightly roll the

Continued on page 18



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Fall is the time to begin planning for EXPO 2018

December 4-6 2018

Continued from page 8



How can you convince your employer to send you? Continuing education and industry connections are crucial to your success and the success of your sports fields. Here are some suggestions to help your employer understand how your attendance at Expo 2018 can add value to the overall operation of your facility.

Educate yourself on the Conference and Exhibition

Provide your employer an overview of the size and scope of Expo 2018 and a copy of the education agenda. This edition of SFMANJ Update provides the Sports Field Managers Program for Expo 2018.

Pinpoint specific sessions you plan to attend, and tie their relevance to your sports facility. It is anticipated that tough-to-acquire New Jersey DEP Category 13 credits will be awarded for attendance during Sports Field Managers sessions in 2018.

Highlight the trade show and cite suppliers and equipment manufacturers you plan to meet. Discuss the networking opportunities you will have with peers who share challenges similar to the ones you have.

Explain how innovations in products, new research, and cutting edge management techniques continually change, and why it is important to stay abreast of those changes.

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 2018, 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 Borgata to make staying a night reasonable. Expo 2018 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!

Brad Park is Sports Turf Research & Education Coordinator, Rutgers University; Editor, SFMANJ Update newsletter; and a member of the SFMANJ Board of Directors.

See Expo Schedule on Page 17

GEORGIA GOLF CONSTRUCTION, INC athletic field, golf and sports fields



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SFMANJ Fall Field Day

FREE TO MEMBERS WITH PRE-REGISTRATION!!

THURSDAY, OCT. 25, 2018 • RAIN OR SHINE

Manahasset Creek Park 536 Long Branch Ave., Long Branch NJ

EDUCATIONAL TOPICS

Our presenters are highly respected professionals in their fields. They will be presenting a wide range of topics, important to anyone who maintains sports fields. Earn credits. Topics include synthetic turf management, baseball and softball skins, soil quality and ProFACT fertilizer rules. Breakfast and lunch provided. Take a chance on our 50/50 drawing and door prizes!

Non-Members - Attend this event and receive FREE SFMANJ MEMBERSHIP for the remainder of 2018.

FALL FIELD DAY Registration Form

FREE to Members with Pre-Registration

☆☆ \$10.00 Admission at Door ☆☆

Non-Members - \$25.00

Includes Membership for the Remainder of 2018

PAYMENT INFORMATION

Please return with your payment
to the address or fax number below

Name _____

Title _____

Employer _____

Address _____

City _____

County _____

State _____ ZIP Code _____

Daytime Phone _____

Fax _____

E-mail Address (**Please include either work or home e-mail address**) _____

Signature _____

(see back for payment info)

Affiliation (check one):

- | | |
|--|--|
| <input type="checkbox"/> Public/Private School | <input type="checkbox"/> Contractors |
| <input type="checkbox"/> College/University | <input type="checkbox"/> Education/Extension |
| <input type="checkbox"/> Parks and Recreation | <input type="checkbox"/> Student |
| <input type="checkbox"/> Professional Facility | <input type="checkbox"/> Commercial |
| <input type="checkbox"/> Youth/Recreational League | <input type="checkbox"/> Associate |
| <input type="checkbox"/> Other _____ | |

VENDORS:

If you would like to participate, please call

856-514-3179

for more information or go to the
events tab on our web site

www.sfmanj.org

Return form with check

Pay by Credit Card

Pay by Purchase Order

Visa MasterCard Discover American Express

Card Number _____

Expiration Date _____

Cardholder Name _____

Security Code _____

Cardholder Billing Address _____

Zip Code _____

Please Sign: _____

Date _____

Total Amount _____

SFMANJ
P.O. Box 205,
Pennsville, NJ 08070

Please call with any questions

Phone: 856-514-3179

Fax: 856-514-2542

www.sfmanj.org

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A Registration Form to Share with Your Co-Workers

OUR ORGANIZATION:

The Sports Field Managers Association of New Jersey (SFMANJ) is a group of individuals committed to enhancing the professionalism of athletic field managers. The organization's main goals include improving the safety, playability, and appearance of athletic fields at all levels and the education of our sports field managers through seminars, field days, publications and networking with those in the sports turf industry.

We welcome anyone having a sincere interest in athletic field safety and playability. Our members come from K-12 schools, higher education, professional facilities, parks and recreation, academia, youth leagues, commercial contractors, and vendors from several states.

AS AN SFMANJ MEMBER, YOU WILL RECEIVE:

- Education, information and training, including field days, publications, seminars and networking with other professionals
- Field Days, Clinics and "How-To" sessions with **CREDITS** - most are offered **FREE** TO OUR MEMBERS!
- Access to a network of sports turf managers who face similar agronomic and management challenges
- Timely and relevant technical information through SFMANJ's monthly newsletter, *Update*.
- Support in improving the safety, playability and appearance of athletic fields at all levels
- Membership Resource Directory - Hard copy and on line.
- Website with contacts and resources available at your fingertips
- Subscription to *SportsTurf* Magazine, - Our parent organization, STMA's monthly publication.

New Member

Returning Member,

Please fill out and mail back with payment to:

P.O. Box 205 • Pennsville, NJ 08070 • Phone: 856-514-3179 • FAX: 856-514-2542 • Web: www.sfmanj.org • E-mail: mail@sfmanj.org

Please PRINT. This is the information that will be in the Membership Resource Directory

Name _____ Title _____

Employer/Facility _____

Address _____

City _____ County _____ State _____ Zip _____

Work Phone _____ Home Phone _____

Fax _____ Referred By _____

E-mail (**PLEASE** give us either work or home e-mail) _____

Return form with CHECK OR Pay by CREDIT CARD Visa MasterCard Discover American Express

Card Number _____ Exp. Date _____

Cardholder Name _____ Security Code _____

Cardholder Billing Address _____ Zip Code _____

Please Sign: _____ Date _____

Affiliation (check one):

- | | |
|--|--|
| <input type="checkbox"/> Public/Private School | <input type="checkbox"/> Contractors |
| <input type="checkbox"/> College/University | <input type="checkbox"/> Education/Extension |
| <input type="checkbox"/> Parks and Recreation | <input type="checkbox"/> Student |
| <input type="checkbox"/> Professional Facility | <input type="checkbox"/> Commercial |
| <input type="checkbox"/> Youth/Recreational League | <input type="checkbox"/> Associate |
| <input type="checkbox"/> Other _____ | |

Membership Type:

- (Please select one)
- | | |
|--|-------|
| <input type="checkbox"/> Organization | \$ 60 |
| <input type="checkbox"/> Additional Organization | \$ 40 |
| <input type="checkbox"/> Commercial/Vendor | \$125 |
| <input type="checkbox"/> Additional Commercial | \$ 50 |
| <input type="checkbox"/> Student | \$ 15 |

TOTAL _____

I Would be Interested in Serving on a Committee:

Please indicate your interest _____

Continued from page 7

The Intelligent Use of Water

This next point is very important. Before blowing air into the system, it must be verified that there is somewhere for the air to go. If compressed air into is blown into the main line, and none of the zone valves are open, the air pressure in the main line will build up and will most likely rupture the pipe at its weakest point. Typically, a zone is turned on at the controller which will hold the zone valve open. The air valve on the running compressor should be opened slowly. It is important to observe anytime air is being pumped into the system. This gives us the opportunity to react if anything goes wrong in order to minimize any potential damage. Once the water has finished coming out of all of the heads, we can continue to the next zone. It's important to note that most gear-driven heads are lubricated by water. Therefore, air shouldn't continue to be forced through them after the water has been evacuated from the pipes. This could potentially heat up and damage the heads. Continue blowing out all of the zones. Once complete, the zones should be blown out one more time (about 15 seconds each) to evacuate any water which has settled after the initial blow out.

As the final zone is blowing out, turn off the compressor. Once again, the zone valve should still be open until the compressor is shut down, because air pressure will build up in the system if it has nowhere to go. Unhook the hose, and winterize the backflow. The manufacturer's instructions on how to winterize the unit should be followed. Typically, all of the test ports should be left open, allowing the system to "breathe", and the ball valves should be left at 45 degrees to keep water out of the seals.

The controller should be left in the "off" position. Leaving it plugged in will keep a little heat within the unit, evaporating any moisture away from the electronics.

If there is a pump on the system, the manufacturer's instructions for winterizing the unit should be followed. Typically, there are drain plugs at the base of the unit, which will allow gravity to drain the water out of the pump. If you aren't 100% sure about winterizing a pump, a contractor should be hired to perform this service, as pumps tend to be very expensive.

Each system is different, and will require different methods for an effective winterization, but one thing tends to be universal: All of the potential issues that go hand-in-hand with managing an irrigation system disappear once it has been put to bed for the winter.

Heath Traver, CIC, CLIA is a Specification Manager for Rain Bird in the Northeast US, and is licensed to practice irrigation in the state of New Jersey. Heath can be reached at htraver@rainbird.com.



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New Jersey Green Expo Turf & Landscape Conference

December 4-6, 2018

The Borgata, Atlantic City, NJ

2018 Sports Field Managers Expo Program

TUESDAY, DECEMBER 4, 2018

Afternoon session

- 1:00 - 2:00 PM Cultural & Chemical Control of Weeds On School Sports Fields and Grounds
Dr. Shawn Askew, Virginia Tech
- 2:00 - 3:00 PM Management of Turf and Skin Surfaces at Piscataway Little League
Matt Olivi, Piscataway Little League
- 3:00 - 4:00 PM Technology for Evaluating Sports Turf and Using Your Phone to Help Manage Your Facility
Dr. Mike Richardson, University of Arkansas
- 4:00 - 8:00 PM Trade Show

WEDNESDAY, DECEMBER 5, 2018

Morning session

- 7:30 - 8:30 AM Early Bird Sports Field Managers Networking Roundtable
- 8:30 - 9:00 AM Annual Business Meeting & Awards Presentation
- 9:00 - 9:45 AM The Year in Review
Brad Park, Rutgers University
- 9:45 - 1 0:30 AM Managing Sports Fields and Grounds at Cantine Veterans Sports Complex
Greg Chorvas, Village of Saugerties, NY
- 10:30 - 11:30 AM Management of Natural and Synthetic Surfaces at the NY Red Bulls Training Facility
Zach Holm, NY Red Bulls
- 11:30 - 2:30 PM Trade Show

Afternoon session

- 2:30 - 3:00 PM Overview of the National Turfgrass Evaluation Program (NTEP)
Kevin Morris, NTEP
- 3:00 - 3:30 PM Maximizing the Efficacy of Fertilizer and Pesticide Applications
Steve McDonald, Turfgrass Disease Solutions
- 3:30 - 5:00 PM PANEL: Managing Sports Fields and Communicating Expectations with End Users
Moderator: Don Savard, CSFM, CGM, Salesianum School
Zach Holm, CSFM, NY Red Bulls
Greg Chorvas, Village of Saugerties, NY
Matt Olivi, Piscataway Little League

2018-19 Calendar of Events

SFMANJ FALL FIELD DAY

Manahasset Creek Park &
Monmouth Park Racetrack
October 25, 2018
Long Branch and Oceanport, NJ
856.514.3179
www.sfmanj.org

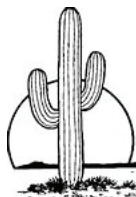


NJ STATE LEAGUE OF MUNICIPALITIES Annual Conference

November 13-15, 2018
Atlantic City Convention Center
Atlantic City, NJ
www.njslom.org

NEW JERSEY GREEN EXPO

December 4-6, 2018
The Borgata
Atlantic City, NJ
973.812.6467
www.njturfgrass.org



2019 STMA Conference and Exhibition

January 22-25, 2019
Phoenix, AZ
800.323.3875
www.stma.org

2019 RUTGERS NJAES OCPE COURSES

Two-Day Athletic Field Maintenance
February 12-13, 2019
Natural & IPM Strategies for Sports Turf
February 19, 2019
**Baseball & Softball Skin Surface Selection &
Management**
February 22, 2019
Rutgers Cook Campus
New Brunswick, NJ
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www.cpe.rutgers.edu



SFMANJ has a new FAX NUMBER!
856-514-2542

FOOTBALL FIELD MAINTENANCE FOR NATURAL TURF FIELDS ABOVE THE TRANSITION ZONE

Continued from page 13

field to push down any loose turf. This allows that turf to re-root if given enough moisture. In addition, we also remove all loose divots that are not still attached. The divots then are filled with a pre-made divot mix consisting of mushroom compost soil and seed. Sometimes this doesn't happen until Monday depending on manpower and time of the game. However, it is better to get as much repair work done as soon as possible to give the field as much time as possible to recover.

Putting Your Field to Bed

As one season ends another begins. After our last home game of the year, we get ready for the following year. Seeding throughout the season definitely helps this process. Our goal at the end of the year is to fully repair the entire field and have as little bare soil as possible exposed. We start by topdressing all divots and low spots and then seed the entire field with tall fescue seed. Over the past few seasons we have been trying to incorporate more tall fescue into all of our fields because they seem to do a better job resisting disease damage in the summer than perennial ryegrass. The perennial ryegrass serves its purpose during the season by being durable and germinating under difficult circumstances but the addition of the tall fescue gives us more cover going into the season. After the field is topdressed and seeded, we roll one more time and put the final application of ammonium sulfate out. I recommend that you do whatever it takes to keep any type of play off of your field at this time because it is almost at the point of dormancy and any wear will be difficult to repair. A couple of pick-up games can cause a lot of unnecessary damage that will need to be repaired in the spring.

Football in New Jersey is a long season. It starts with heat and humidity and finishes with a mix of cold unpredictable weather. The best way to survive is to have a plan that you can communicate to coaches and administrators in order to provide the best possible playing surface for the athletes to use and enjoy.

Rich Watson is Sales Representative, Laurel Equipment, Blackwood, NJ; and SFMANJ Vice-President

**See you on
October 25 in
Long Branch
for the
SFMANJ
Fall Field Day**

Get ahead of the game in the cold months with **FieldSaver®** Winter Turf Blankets/Growth Covers.

Custom sizes available.
We are the manufacturer!
Standard sizes ship fast,
from Philadelphia!



Actual sequence in same location



November: Season ended with less than 10% of turf cover.

December: After seeding and fertilizing, active turf growth even with temperatures below freezing.

Spring: Covers have been removed. (Uncovered turf still dormant)

- Protect turf from harsh winter conditions!
- Promote faster spring growth and green-up!
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Or Current Occupant

SportsTurf

MANAGERS ASSOCIATION

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An advertisement for Turf Equipment and Supply Company. The background is a photograph of a person in a red shirt and hard hat operating a grey and red Toro riding mower on a well-maintained lawn. The scene includes a paved path, a street lamp, and trees. The text "One Team, Many Solutions" is written in a blue, italicized font in the upper right. The text "Your full line vendor for Commercial Mowing Equipment and Irrigation." is written in a blue, bold font on the left. The Turf Equipment logo is in the top left. Social media icons for Facebook, Twitter, YouTube, and Instagram are in the bottom left. The website "www.turf-equipment.com" and phone number "800.827.3711" are in the bottom center. The Toro logo and slogan "Count on it." are in the bottom right.

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Mowing Equipment
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TORO Count on it.