



**THE CHOICE OF THE PROFESSIONALS**

**Athletic Field Construction  
& Drainage Specialists**

**Site Evaluations**

**Design/Build**

**Laser Grading**

**Renovations**

**Specializing in Sand/Slit Drainage Systems**

235 County Line Road  
Amityville, NY 11701  
631-691-2381  
Fax: 631-691-2392

## Welcome New & Renewed SFMANJ Members

Currently we have 124 new & renewed members. In the beginning of November, SFMANJ mailed invoices for 2006 membership dues to all current members. If you did not receive an invoice, please contact us at (908 730-7770 or download the 2006 membership form available at [www.sfmanj.org](http://www.sfmanj.org). Remember to mail your renewal/payment direct to SFMANJ, PO Box 370, Annandale, NJ 08801.♦

Anderson, Dennis	Delaware Valley Regional HS
Andrus, Daniel	Northern Nurseries
Baker, Libby	MC/STMA
Barker, Bob	Monmouth University
Benenati, Vincent	Tenafly Board of Education
Betts, James	Tuckahoe Turf Farms Inc

**SFMANJ Annual Membership Registration Form**  
\* receive update information by email

Name \_\_\_\_\_

Title \_\_\_\_\_

Employer \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

County \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

\*E-mail \_\_\_\_\_

Signature \_\_\_\_\_

Individual.....	\$45
Associate .....	\$45
Organization/Institution .....	\$45
Additional member from facility .....	\$25
Commercial/Contractor/Vendor/Supplier .....	\$100
Additional member from company.....	\$30
Student .....	\$15

Please pay membership dues directly to SFMANJ. Do not send SFMANJ dues to National STMA

Send with Check or voucher to:

**SFMANJ**  
P.O. Box 370  
Annandale, NJ 08801

### SFMANJ Board of Directors

President ..... Ken Mathis  
 Brick Township Parks  
 Vice President ..... Don Savard, CSFM  
 Salesianum School  
 Secretary ..... Ryan Radcliffe  
 Lakewood Blueclaws  
 Treasurer..... Jim Gates  
 Jim Gates & Co., Inc.

### Directors

Fred Castenschiold – Storr Tractor Co.  
 Sean Connell – Georgia Golf Construction  
 Jeff Cramer – Plainsboro Township DPW  
 Jim Hermann CSFM – Total Control  
 Brad Park – Rutgers University  
 Ryan Radcliffe – Lakewood Blueclaws  
 Jack Shannon – West Deptford Twps. Bd. of Ed.  
 Karl "Chuckie" Singer – City of Bayonne  
 Craig A. Tolley – County College of Morris  
 Advisor: Dr. James Murphy - Rutgers University  
 Past President: Eleanora Murfitt-Hermann, CRS  
 Washington Township Parks & Rec.  
 Executive Secretary: Kathleen Hopfel

### Mission Statement

Committed to enhancing the professionalism of athletic field managers in New Jersey 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:

P.O. Box 370  
 Annandale, NJ 08801  
 Web Site – [www.sfmanj.org](http://www.sfmanj.org)  
 E-mail – [hq@sfmanj.org](mailto:hq@sfmanj.org)  
 Ph/Fax – 908-730-7770

National Organization  
 Sports Turf Managers Association  
[www.sportsturfmanager.org](http://www.sportsturfmanager.org)  
 e-mail: [SportsTMgr@aol.com](mailto:SportsTMgr@aol.com)  
 Phone: 1-800-323-3875

Betulus, Joe	Profile Products LLC
Bigley, III, Barnard F.	Manasquan Board of Ed.
Borajkiewicz, Jeffrey	Fisher and Son Co., Inc.
Borelli, Robert	GreenScapes Lawn Man. LLC
Brandon, Paul	Finch Turf Equipment
Brick, Gary	Mainland Regional High School
Buono, Bob	Tri State Athletic Field Serv. & Sup., Inc.
Burke, Paul	Manalapan Township
Capone, Michael	The LandTek Group

Continued on page 10

## A Note from the Editor

By Brad Park, Rutgers University  
park@aesop.rutgers.edu

At a monthly Board Meeting last year, I accepted the editorial responsibilities for our SFMANJ Update newsletter beginning with the November/December 2005 issue. As a frequent contributor and self-described amateur writer and photographer, I felt then as I do now that I can make a positive contribution to our publication as Editor.

I would like to express my sincere praise for the work of Jim Hermann, CSFM and Eleanora Murfitt-Hermann, CRS who served as co-editors of SFMANJ Update since its inception. The growth of our newsletter in circulation and information quality, along with addition of color formatting is a direct result of their efforts.

I would also like to acknowledge our many advertisers who make publication of this newsletter possible.

It is my high priority to maintain SFMANJ Update as a source of practical sports field information as well as a means to report on the activities to which SFMANJ is engaging to fulfill its mission to improve the safety, playability, and appearance of athletic fields.

While the current newsletter format has been tremendously successful, I would like to reach-out to other Sports Turf Managers Association (STMA) Chapters across the country to include articles from their newsletters in SFMANJ Update. In return, I would offer our articles to other STMA Chapters. This strategy will allow our readers to learn from sports field managers outside of our Chapter as well as give our SFMANJ contributors national exposure.

Your comments are always welcome. – Brad

(ph) 732-932-9711x127

(Email) park@aesop.rutgers.edu



**Install Confidence.**

Rain Curtain Technology

The Competition

**Install Rain Curtain Nozzle Technology.**

Only Rain Bird rotors feature Rain Curtain™ Nozzle Technology that delivers uniform water distribution across the entire radius range for green grass results. Gentle, effective close-in watering around the rotor eliminates dry spots without seed washout, and larger water droplets assure consistent coverage, even in the windiest conditions.

**Install Confidence. Install Rain Bird.**

**RAIN BIRD**

# BUILDING A BETTER TOOLBOX

## Tools you can use! PART 2

Don Savard, CSFM\*

The Information Toolset- Gather the Facts!

Grounds management is challenging! It is more than keeping the grass cut; rather, it is an art and science of handling change. We have little control over funding and no control over the weather. Often we work with limited resources. Whether their grounds management operation is big or small, well funded or not, successful grounds managers use good information about their site to make informed management decisions. This information is another tool in the management toolbox.

Every site has its positives and negatives. When you know what you have to work with and you can predict with certainty how it will perform under different conditions, you will have an advantage. To get to that point, you will need to inventory what you have, and then evaluate it. I like to start with a basic tool- a property survey that includes the following items:

1) An accurate property area measurement, expressed in square feet or acres will be helpful for purchasing materials or hiring services such as aeration. It is useful for calibration purposes and for budgeting. It is very important for regulatory compliance and record keeping.

2) An inventory of the desirable turf grasses or ornamental plants growing on your site. With this information, you can predict how much fertilizer is needed to keep it healthy, what problems it might have, and what its cultural needs are. You might find plants growing outside of their normal temperature zone. Note the condition that the plants are in, good or bad, and ask why? Be sure to look around for clues to support your findings.

3) A list of pest problems and populations. Is there any insect, disease or weed activity at the present time, or is there evidence of past damage? Even if there is no evidence of pest problems or damage, that is also significant. Find out why.

4) An evaluation of how the site has been maintained. Is the maintenance good or bad, and why? Notice how the site has

been used or abused? Are there noticeable traffic or use patterns?

I like to survey my site often. It forces me to look critically at the site, discover problems early and evaluate how well my program is working. I like to photograph the site too. Document the date and time on this document as well as the photo image. It provides a good progress report.

Soil testing is the next tool in the information tool set and in the area of turf management and horticulture is used to measure the fertility levels, the physical texture and the soluble salts present on your site. Samples are collected, labeled and sent to a soil testing lab, either at a land grant University, or a private laboratory. You provide the information that the lab requests and indicate which tests you require and pay the fee. The lab will test the soil, and send you a test report and give you nutrient recommendations. I like to test my soil annually at the same time each year. Doing this provides me with a good "snapshot" of my soil conditions and helps me evaluate my progress each year. I use the same lab each year because the testing protocols are consistent from year to year. A good testing lab can be helpful for tests other than soil. Plant pathology labs can detect and identify insect and disease problems in samples and can diagnose nutrient deficiencies in plant tissues. Water quality tests quantify levels of contaminants or imbalances in irrigation water.

Obtain or draw an accurate site map showing the property boundaries, and the locations of buildings, utilities, trees and site amenities. If you can, get a topographic survey map of the site. A detailed map is an important tool for communicating your ideas, planning site improvements and for correcting drainage problems.

Good information will help you get the best results. Results will improve your credibility with the people that you work for. And there is nothing like success to make your job easier.

\* Don Savard is a Certified Sports Field Manager, Vice President of SFMANJ, and Director of Athletic Facilities and Grounds at Salesianum School, Wilmington, DE. ♦

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



THE PROFESSIONAL'S CHOICE  
... SINCE 1922

A SUPPLIER TO EVERY MLB TEAM,  
OVER 150 MINOR LEAGUE TEAMS,  
OVER 700 COLLEGES, PLUS THOUSANDS  
OF TOWNS & SCHOOLS WORLDWIDE.  
SPECIAL MIXES FOR INFIELDS,  
PITCHER'S MOUNDS & HOME PLATE AREAS.

**REGIONAL INFIELD MIXES AND  
RED WARNING TRACKS FOR  
EVERY STATE & CLIMATE FROM  
BULK PLANTS NATIONWIDE!**

PLUS INFIELD CONDITIONERS:  
**IF TOO HARD AND POORLY DRAINING!**

**Pro's Choice®**

THE REDDER, LESS DUSTY, MORE UNIFORM  
INFIELD CONDITIONER & DRYING AGENT  
FOR CONSISTENT INFIELD CUSHION  
IN WET OR DRY WEATHER!

**DIAMOND PRO®**  
IMPROVES DRAINAGE & ENHANCES COLOR!  
**IF TOO SOFT & DUSTY!**

**STABILIZER® & HILLTOPPER®**  
FOR FIRM, YET RESILIENT, PLAYING SURFACES  
**TO QUICKLY DRY INFIELDS!**

The Original & Most Absorbent is Now  
**NEW & IMPROVED GRANULAR**

**DIAMOND-DRY.**



**OVER 200 OTHER INFIELD PRODUCTS!**

Premium & Standard in 6 Colors!

**FENCEGUARD®**  
Protective Safety Covers  
for Chain Link Fence

WALL PADDING • WINDSCREEN • RAIL PADDING  
TAMPERS • DRAG MATS • RAKES  
HOLLYWOOD® BASES • FIELD MARKING MACHINES  
BATTING PRACTICE COVERS • RAIN COVERS  
PERMA-MOUND™ PADS • MOUND BRICKS  
SAFE "T" MATT™ BATTER'S BOX PADS  
TYPAR® GEOTEXTILES & TURF BLANKETS  
ON-DECK CIRCLES WITH TEAM LOGOS  
PERMANENT FOUL LINES & MUCH MORE!

FOR INSTRUCTIONS & BROCHURES  
[www.BEAMCLAY.com](http://www.BEAMCLAY.com)

**800-247-BEAM**  
908-637-4191 / FAX 908-637-8421  
PARTAC PEAT CORPORATION  
KELSEY PARK, GREAT MEADOWS, NJ 07838

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

## “Shoulda, Woulda, Coulda” - Three Limiting Factors in a Turf Management Program

Jim Hermann, CSFM

I “shoulda” fertilized in September but the turf didn’t look as yellow as it does now. I “woulda” applied preemergent crabgrass control if I had known it was going to be like this. I “coulda” budgeted for grub control but I forgot how badly they damaged the turf last year. Been there, done that.

There are two basic means of dealing with turf management. The first and typically most effective management method is a proactive method. This consists of developing a program that anticipates reoccurring problems and deals with those problems preventatively, before they reach damaging levels in the turf environment. The probability of occurrence and the decision to treat preventatively should be based on effective record keeping and knowledge of prior incidence. If left unchecked, history will repeat

itself.

Prime examples of a proactive program would be the spring application of a preemergent crabgrass control product to prevent unacceptable populations of crabgrass or the scheduled application of fertilizer at a rate determined to maintain or boost turf quality.

With any program, be it proactive or reactive, the overall affect of an application or procedure should be understood prior to its implementation. As with preemergent crabgrass control, a spring application can have adverse effects on desirable seed germination for up to four months or more after the application.

Typically, a proactive maintenance program will provide a higher level of quality than a reactive program given the same level of understanding on the part of the technician.

I have observed that spring, fall and

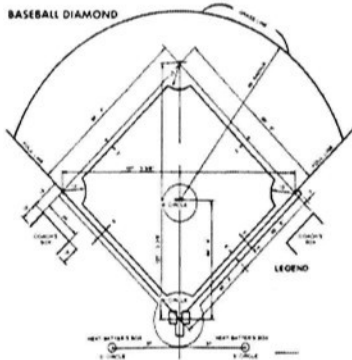
late fall applications of fertilizer, spring and fall aeration and overseeding (allowing consideration for crabgrass control), along with an application of broadleaf weed control every two or three years would significantly increase the quality of most athletic fields not receiving these procedures.

The second strategy (or lack of) and unfortunately a very common strategy in dealing with turf management issues is a reactive strategy. If you get grubs, treat for them. If the turf turns yellow or dies, test the soil and address deficiencies. I think we can all see the lack of wisdom in this type of program.

In general, a basic proactive turf management program will require less expertise than will an effective reactive program. However, a basic understanding of turf nutrition and common pest problems and their control is extremely beneficial and highly recommended. This is the primary reason for continuing education

In truth, the most effective turf management program is a program that is both reactive and proactive in nature. This program utilizes and

*Continued on page 7*



## Terre has a full line of Sports Turf Products

- Infield Clay Mixes
- Turface Soil Conditioners
- Grass Seed
- Fertilizers
- Pesticides
- Top Dressing
- Rubber Mulch
- Turf Blankets
- Marking Paints



**Call for a Catalog  
or Inquiries.**

**TELEPHONE: (973) 473-3393**

**FAX: (973) 473-4402**

The Terre Co. of N.J., Inc.  
206 Delawanna Avenue  
Clifton, NJ 07014

**Keep your  
Ballfields safe  
and looking great!!!**

# Delaware Valley Regional High School Wins 2005 Field of the Year

By Ken Mathis\*

Congratulations to Delaware Valley Regional High School for winning the 2005 SFMANJ Field of the Year. The winning SFMANJ members were Dennis Anderson and James Stryker. The Supervisor of Building and Grounds and Athletic Director are William Hunt and Susan M. Hammerstone, respectively. Dennis and James did an outstanding job of renovating their school softball field that originated back to the early 1980's. The pride these men had in their work shows as "Terrier Field" looked magnificent when Del-Val hosted the Group IV State Semi-Finals. Most schools would be very proud to have a field as good as theirs.

I would like to thank all the contestants this year and we look forward to having more of you participate for next year's award. Remember, the winner receives 2 free nights stay at NJTA Expo 2006 in Atlantic City, NJ and paid access to the entire 3 days of educational sessions and trade show.

\* Ken Mathis is President, SFMANJ; 2005 SFMANJ Field of the Year Contest Committee Chair; and Superintendent, Brick Township Dept. of Parks

reacts to historical data on a given turf area while continually monitoring and scouting for new problems based on the probability of their occurrences. The information gathered is utilized to formulate and initiate a proactive management program based on the establishment of pest population treatment thresholds, the probability of reoccurring pest infestations and the desire for a predetermined level of safety, playability and turf quality. In addition, every turf management program should always utilize the most effective products with the least potential for negative impact on the environment.

In essence, this is the principle behind an IPM pest management strategy. Not only is IPM environmentally responsible, if you are a part of a school system in New Jersey it's the law.

\* Jim Hermann is a Certified Sports Field Manager, a member of the SFMANJ Board of Directors, and has over 20 years experience in sports field management as President, Total Control, Inc. ♦

## EVERGREEN™ Turf Blankets... ...trusted around the world!

### "Results Outstanding..., Could Not Believe..."

wrote **Dann Daly**, Park Maintenance Supervisor,  
**Parks & Recr. Dept.**, North Smithfield, RI

- Earlier spring green-up
- Faster seed germination
- Deeper root development
- Delays dormancy in fall
- Ideal winter blanket
- 3 & 7 yr. warranty covers
- Best for quick turf repairs
- Available in any size

Want to know more?  
**CALL TOLL FREE**  
**1-800-387-5808**



Covers for football and soccer fields are also readily available.



Covered... Uncovered...



It works on the greenhouse principle, every time!

# COVERMASTER

MASTERS IN THE ART OF SPORTS SURFACE COVERS

[covermaster.com](http://covermaster.com)

E-MAIL: [info@covermaster.com](mailto:info@covermaster.com)

COVERMASTER INC., 100 WESTMORE DR. 11-D, REXDALE, ON, M9V 5C3 TEL 416-745-1811 FAX 416-742-6837





The "Green Industry" Supplier  
SUPERIOR PRODUCTS FOR THE  
TURF & HORTICULTURAL PROFESSIONAL

RANDY RIDER  
302-242-6848  
rrider@fisherandson.com



**EarthWorks**  
Natural Organic Products



The infield at Del-Val Regional High School in 1983.

**Crop  
Production  
Services**



**Profit From  
Our  
Experience**

**Agronomic Products / Services**

Crop Production Services, Inc.  
127 Perryville Road  
Pittstown, NJ 08867

766 Rt. 524  
Allentown, NJ 08501  
(609) 259-7204

Toll Free: 1-888-828-5545  
Bus: (908) 735-5545  
Fax: (908) 735-6231

- \* Seed \* Fertilizer
- \* Lime \* Soil Testing
- \* Pest Control Products
- \* Custom Applications



What a difference! - 2005. Sports field now clearly understand

**"JUST ADD WATER..."**

Like part of any good recipe, the proper amount of water at the right time will enhance and protect your turf.

Don't let an automatic underground sprinkler system be your facility's missing ingredient.



DESIGN                  INSTALLATION                  MAINTENANCE

SPRING IRRIGATION CO., INC  
P.O. BOX 523  
DAYTON, NJ 08810  
NJ IRRIGATION LICENSE # 15040  
IA CERTIFIED DESIGNER # 180186

(732) 821-5767  
FAX (732) 821-0130  
springirr@netzero.com



Delaware Valley Regional High School won the 2005 SFMAA of the Year contest. Here, Del-Val pays respect to the victims barbaric 9-11 attacks on our Nation.

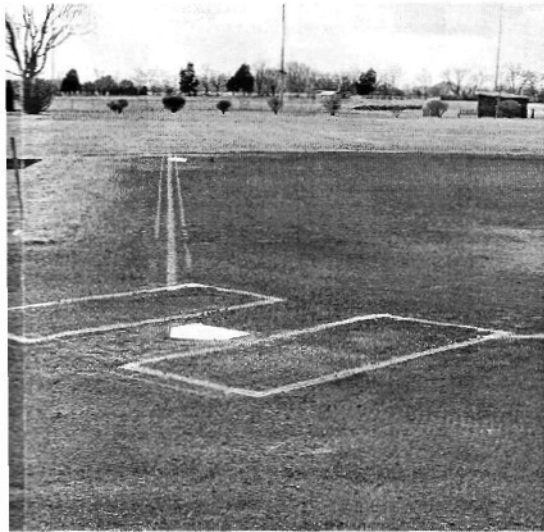
Continued from page 1

applicators in attendance following the Wednesday afternoon Sports Field Managers session. Jeff Fowler, Penn State University Cooperative Extension, described research linking increased pesticide exposure to those applicators who do not use gloves when handling pesticides. Dr. George Hamilton, Rutgers University, provided an update on the controversial New Jersey School IPM law and a spirited discussion among those in attendance ensued.

Wednesday afternoon also featured Mike Andresen, CSFM. Mr. Andresen is the Athletic Turf Manager at Iowa State University and is also President-Elect of the national Sports Turf Managers Association (STMA). He addressed the issue of synthetic infill turf management as well as described techniques for maximizing limited finding for athletic field maintenance.

As always, Expo proved to be a great source of information and networking. We'll see you next year in A.C. for Expo 2006!

\* Brad Park is Editor, SFMANJ Update newsletter; a member of the SFMANJ Board of Directors; and Sports Turf Res. and Ed. Coord. at Rutgers University ♦



! - The infield at Del-Val Regional High School in managers Dennis Anderson and James Stryker and that detail is important.



ANJ Field  
ns of the

### E & M GOLF SUPPLY

*Nurturing Safer, Healthier Fields for over 10 years.*

**Deep Tine Aeration** relieves compaction and promotes root growth naturally.  
Improves drainage and eliminates ponding.

**Slit Seeding** is the fastest method of improving the density of your turf.

**Renovation** with a RotaDairon produces a deep, fine soil seed bed which reduces the time a field is out of play.

Call for Information, Sales & Contract Services

800-554-4863

[eandmgolf@aol.com](mailto:eandmgolf@aol.com)

## 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**



Continued from page 6

Carbone Jr., John Morris & Bergen County Irrigation  
Carey, Gregg Farm-Rite Inc.  
Caruso, Pete Levitt's LLC  
Castenschild, Fred Storr Tractor Co.  
Chimento, James JC Landscape Construction/Man. Co.  
Cipperly, Ray Somerset Patriots Baseball Club  
Clarke, Dr. Bruce Rutgers Uni., Dept. of Plant Bio/Pathology  
Clifford, Mike Wilfred MacDonald  
Colacarro, Frank Middlesex Co. Voc. Tech. H.S.  
Connell, Sean Georgia Golf Construction, Inc.  
Cooper, Jeff Lawn Connection  
Crossen, John Hillsborough Twp. Parks Dept.  
Curry, Robert Covermaster Inc.  
DeBuck, Leonard M. DeBuck's Sod Farm of NY, Inc.  
DeSanctis Sr., Dennis Aer-Core, Inc.  
DeVries Jr., John Hillside Gardens Inc.  
Diaforli, Anthony Princeton Regional Schools  
Drayer, Thomas Philadelphia Turf Co.  
Druzba, Robert Woodbridge Township, Parks Dept.  
Dykstra, Pieter Individual Member  
Earl, Walter Wagner College  
Ertle, David Ocean Cty. Utilities Authority  
Finnegan, Dan K-Rain Manufacturing Corp.  
Fitzgerald Sr., Dave Till Paint Co. Inc.  
Fletcher, Mark St. Rose High School  
Foelsch, Bill New Jersey Recreation & Park Assoc.  
Galosi, Peter Cinnaminson Board of Ed.  
Ganger Jr., Carl F. Florham Park Borough  
Gardner, Brian Tuckerton Turf Farms Inc.  
Gates, James E & M Golf Supply Co.  
Gourniak, Joe Crop Production Services  
Graser, Mark Custom Groundskeeping  
Griepentrog, Ken National Seed  
Hauck III, Lester Monmouth University  
Heck, Kim STMA  
Henshaw, Ken Atlantic County Vocational School  
Herberger, George Ben Shaffer & Associates, Inc.  
Hermann, CSFM, Jim Total Control Inc.  
Hoban, Kevin Storr Tractor Co.  
Hoffman, Bruce Martin Stone Quarries, Inc.  
Juliano, Jr., Anthony A. Juliano & Sons, Inc.,  
Kaiser, Richard Kaiser Landscaping  
Kapp, John M. West Windsor-Plainsboro Reg. SD  
Krohe, Kenneth Keyport Board of Education  
Lance, Anthony Woodbridge Township, Parks Dept.  
Lawlor, Jim Atlantic City Special Improv. Dist.  
Lucks, Gary R. Lucks Sales Associates  
Lyons, Marty The LandTek Group  
Malone, CSFM, Kevin The LandTek Group  
Martin, Loren Terra-Gro, Inc.  
Marzocca, Dean Dean's Lawn & Landscape  
Marzocca, Gerard Dean's Lawn and Landscape  
Matakitis, Ron Delbarton School  
McCormack, Darren Saint Peter's College  
McKnight, John U.S. Athletic Fields, Inc.  
Meissner, Robert West Windsor-Plainsboro Reg. SD  
Miller, Thomas Environmental Resolutions, Inc.  
Mugavin, Walter J. Aqua Mist Irrigation  
Mulholland, Steven New Jersey City University  
Murphy, Dr. James Rutgers Uni., Dept. of Plant Bio/Pathology

Myers, Dennis  
Neff, Art  
Nilsson, Kurt  
Nuovo, Nat  
Park, Bradley  
Passomato, Rocco  
Perilli, David  
Perrine, Wes  
Peta, Benny  
Phiefer, Brian  
Polakowski, Steve  
Policastro, Judy  
Pompei, Marie  
Ramos, Charles  
Reed, Ron  
Renzulli, John  
Revello, Bob  
Rickard, Michelle  
Rohland, Edmund  
Romano, Charles  
Ryan, Mike  
Ryan, Edward  
Saft, Mark  
Savard, CSFM, Don  
Shanko, Michael  
Shine, Steve  
Shipman, Kevin W.  
Shortell, Robert  
Sibicky, Timothy  
Siegel, Bill  
Singer, Jr., Karl  
Sodano, Vince  
Sponzilli, Daniel  
Stryker, James  
Tarantino, Mike  
Taylor, Joel  
Tindall, Mark  
Tobias, Andrew  
Tolley, Craig  
Toth, Larry  
Tucker, Walter  
Van Demark, Scot  
Vansant, Barry  
Walker, Robert  
Wendel, CGCS, Jeff  
White, Bernie  
Wild, Bruce  
Wise, Bill  
Witt, Thomas

Ranney School  
Croton, Village Of  
Turf & Dirt  
Field Pro Enterprises, LLC  
Rutgers Uni., Dept. of Plant Bio/Pathology  
Chatham School District  
Perilli Landscaping Inc.  
Geo. Schofield Co. Inc.  
Professional Aerification Services Inc.  
New Jersey Landscape Contr. Assoc., Inc.  
Seton Hall University  
Irrigation Association of New Jersey  
F.M. Brown's Sons, Inc.  
Ranney School  
Individual Member  
Newark Academy  
Morristown-Beard School  
New Jersey Turfgrass Association  
Millville Babe Ruth Sports Complex  
Cliffside Park Recreation  
The LandTek Group  
The LandTek Group  
Mainland Regional High School  
Salesianum School  
The Peddie School  
TruGreen/ChemLawn  
Pine Hill Public School  
Student Member  
Student Member  
U.S. Athletic Fields, Inc.  
Bayonne, City  
Mainland Regional High School  
The Hydroseeding Pro Co., Inc.  
Delaware Valley Reg. High School  
SoCal STMA  
Haddon Twp. Board of Education  
Cinnaminson Board of Ed.  
South River Board of Education  
County College of Morris  
Rider University  
Ocean City  
Mahwah Board of Education  
National Seed  
South River Borough  
Iowa Sports Turf Managers Assoc.  
Wilfred MacDonald  
Storr Tractor Co.  
Rain Bird Corp.  
Cranbury Township ♦

## Did you know?

Infiltration and percolation are two terms often used interchangeably in reference to water movement into and through soil. However, infiltration refers to the downward entry of water in the soil; whereas percolation is defined as the downward movement of water through the soil profile. ♦