

new jersey turfgrass association

Green
World



clippings

Issue 4: 2012 -Winter | VOL 85

2012 GREEN EXPO SURVIVED SANDY AND SUCCEEDED!



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President's Message

by Matt Sweatlock, NJTA President



2012 was a rough year for New Jersey. There are still many residents suffering from Hurricane Sandy, one of the most intense and devastating storms to hit New Jersey. Keep them in your thoughts and prayers.

This year's *Rutgers Turfgrass Symposium* was a tribute to *Dr. C. Reed Funk*, his life, and his accomplishments. The day was filled with testimonies from his peers and former students. Presenters from Pennsylvania, Maryland, North Carolina, Utah, Arizona, and Oregon joined the Rutgers scientists in honoring Dr. Funk. It was like an anthology. I considered it an honor to attend the tribute.

The NJTA hosted another successful GREEN EXPO in December with our partners, the GCSANJ and Rutgers. The educational sessions were informative and the trade show maintained a buzz that lasted post-convention. I thank Chris, Keith, and their committee for their dedication in making GREEN EXPO the "must attend" turf conference.

In previous issues, I wrote of the importance of membership and the diversity within the membership of the NJTA. Member involvement is crucial to the success of any association and because of member involvement, we continue to sponsor successful events. The balance between board members and members on our committees contributes to the NJTA's ability to offer a continuing value to its membership. This balance helps the association grow by bringing new ideas for our events, new topics for our education programs, new direction for our committees and new members to our board. Last year's membership grew to 776, up from 575 in 2008. As membership grows so does our ability to recruit new talent, adding to the energy of the NJTA.

I thank you for your support and welcome your involvement. A list of the standing committees is printed on the membership page of our web site (<http://www.njturfgrass.org/membership>). If you wish to join a committee please contact Cece at execdirector@njturfgrass.org.

Faithfully submitted,
Matthew M Sweatlock
President, NJTA

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Monday, May 6, 2013

**Fiddler's Elbow
Country Club**



Has Much Changed Since 1955?

by Cece Peabody, MAT, CMP,
NJTA Executive Director



We're all glad that 2012 is over...there were so many unexpected happenings to many in our state and around the country - from Hurricane Sandy to school shootings and more -- it is difficult to try to stay positive when all the news around you is negative, or maddening, or sad. We are bombarded daily with everyone's opinions on both radio and TV news shows on what we should do, what we should spend, how things should get done, and who should pay. You are probably tired of all the rhetoric surrounding us...and the know-it-alls who seem to come from a self-serving place. Has it always been like this?

I would like to think the answer is no, but then I was sent an email called "The Year Was 1955". Sometimes I quickly scan these group emails or I delete them. I happened to read this one and thought...hmmm..have things really changed?

Here are some statements and comments from this email about life in 1955:

- *The post office planned to raise the cost of a stamp from 3 cents to 7 cents -- just to mail a letter!*
- *When they wanted to raise the minimum wage to \$1.00, businesses thought they wouldn't be able to hire outside help.*
- *Gas was 20 cents a gallon (actually it was 5 cents, but the state got 5 cents, the govt got 1 cent, the city got 1 cent, the railroad got 2.75 cents, the gas agent got 1.25 cents, and the gas station owner got 4 cents). When it was raised to 25 cents a gallon, folks thought they'd be better off staying home.*
- *A few married women had to go to work to make ends meet.*
- *A Volkswagen car on the market would open the door to a whole lot of foreign business.*
- *Thank goodness we won't live to see the day when the govt takes half our income in taxes. We wonder sometimes if we are electing the right people to government.*
- *The fast food restaurant is convenient for a quick meal, but we doubt it will ever catch on.*
- *No one can afford to be sick anymore. At \$15.00 a day in the hospital, it's too rich.*

So here we are in a brand new year - 2013 - and the world didn't come to an end. Things change and things stay the same...it's all relative - or is it?

Cece Peabody
Executive Director

GREEN EXPO Continues to Grow!

by Chris Carson, Expo Chairman

Green Expo 2012 was another big success, with an excellent education program, continued vendor support in the trade show, and outstanding general attendance.

Filled with nationally known and respected speakers, this year's show – as always- offered a wide variety of topics and perspectives that helped professionals in all of the various turfgrass disciplines learn not only the basics but also cutting-edge techniques. A wealth of continuing education credits came along with the excellent education opportunities; credits that helped participants maintain their pesticide applicator license.

New this year was an end-of-show Fertilization Certification Training seminar run by *Dr. Jim Murphy* from Rutgers. He reviewed new regulations that are in place for fertilizing in New Jersey, discussed the certification process, and then administered a pen-and-paper version of the state test. Almost 100 attendees took advantage of this opportunity to learn from the person who wrote the test, and to also complete their certification requirements in a (for some) more comfortable setting than on a computer.

Also new was a seminar presented the *NJ Landscape Contractor's Association*. Focusing on business aspects of the landscaping world, the 5-hour seminar was presented by NJLCA's executive director *Jody Shilan*, and was very well received by his audience. This seminar represents the beginning of an important partnership for Expo, as NJLCA has come on board as a new partner in our annual conference. We expect that this relationship will provide our attendees with an even broader set of choices for education in the years to come, and we look forward to working with them as an important partner in our growth and success.

Other partners took advantage of our conference as well. The *NJ Green Industry Council* set a record with their silent auction that supports their cause (complete with Santa and Reindeer), and the *Golf Course Superintendents Association of NJ* added a new and popular social activity on Wednesday night at the neighboring Revel Hotel. The Trade Show was filled with supporting vendors and packed with attendees who took full advantage of the expansive food and drink available to all. In fact, the show committee was forced to shoo away folks at the end of the show on Tuesday night, a sure sign of a hit!

Many sponsors stepped up once again to help us provide our attendees with exceptional value. Our deep thanks to **BASF, Bayer, Dow AgroSciences, Grass Roots, Lebanon Turf, Storr Tractor, and Syngenta** for providing important support and sponsorship. Without them, our show wouldn't be as attractive and our support for the Rutgers

Turf Center would not be as effective.

On the social front, hospitality offerings from **Seeton Turf Warehouse, Fisher & Son, and Grass Roots** made for plenty of opportunities for folks to come together, share some knowledge and camaraderie, and meet new friends and greet old ones. NJTA thanks these companies for hosting these events, and being a big part of our show.

Expo 2012 was filled with top flight education, a lively trade show, a wealth of social opportunities, and many chances to receive the credits needed to maintain applicator certification. It was a success on many levels, and we thank all who attended and supported our show. The Expo Committee is already hard at work preparing for next year, with our usual goal in mind: to make it better than ever!

2012 GREEN EXPO
succeeded on many levels...
thanks to the
excellent education and
great partners
and great sponsors!





Applied Turfgrass Research from Rutgers, the State University, and the New Jersey Turfgrass Association

FUNGICIDE RESISTANCE MANAGEMENT IN ORNAMENTAL CROPS

*by A B Gould
Specialist in Ornamental Plant Pathology*

Infectious fungi sometimes develop resistance to particular fungicides, especially when a product is used repeatedly without alternating with chemically unrelated fungicides. Fungicide resistance becomes evident when fungicides don't work as well, or at all, on populations of fungi that have become less sensitive to them. When this occurs, there is no value in increasing rates, shortening intervals between sprays, or using other fungicides with similar modes of action.

Development of resistance is tied to the fungicide mode of action depending on whether the fungicide acts on a single site or at multiple sites within the fungus. In general, fungi are less prone to develop resistance to contact fungicides, which inhibit several vital functions in the fungal cell, than to many penetrant fungicides, which may inhibit only one vital function in the fungal cell. A single fungus needs to mutate only once to overcome the action of a single-site fungicide but must mutate more often to overcome the action of a multi-site fungicide, and the likelihood of this is rare.

In general, several strategies are recommended to minimize the risk of fungicide resistance. First, don't rely on fungicides alone for disease control. Follow good management practices and use resistant host plant material as it becomes available. Second, avoid repeated use of the same fungicide or materials with closely related modes of action. Third, alternate or tank mix fungicides with different modes of action (see FRAC coding*). Refer to product labels before tank-mixing products to ensure compatibility and to avoid phytotoxicity. In some cases, several premix fungicides that contain products with differing modes of action are available. Finally, use recommended rates and proper management techniques. Although these general principles can help to reduce risk of fungicide resistance, they do not eliminate it. Pathogen populations resistant to a particular fungicide can still

develop, even when good management practices are employed, but the chances of this happening are generally greatly reduced. The risk of fungicide resistance for many compounds labeled for turf and ornamental diseases is found in Table 1.

Note for combination products:

Some combination products contain one or more materials that, if applied on their own, would be at high risk for fungicide resistance. In addition, one material in a combination product may control a given pathogen more effectively than the other. Resistance management, therefore, depends not only on the individual resistance risk of each material but also on the pathogen for which control is desired. If a pathogen controlled by one high-risk material in the combination product is not controlled by the other material, then the product essentially acts as a "single mode of action" compound and the risk of fungicide resistance is high. If a pathogen is controlled equally well by both materials then the risk of resistance is lower. For combination products, therefore, it is best to use them with a sound resistance management strategy in mind.

*FRAC stands for Fungicide Resistance Action Committee (FRAC). The purpose of this group is to "provide fungicide resistance management guidelines to prolong the effectiveness of these "at risk" fungicides and to limit crop losses should resistance occur." Chemistries with different modes of action have different FRAC coding. Do not tank mix or alternate fungicides with the same FRAC number in a pesticide application program. Compounds labeled "M" act upon multiple sites and resistance risk is low.

For more information on FRAC, visit the following web site: <http://www.frac.info/frac/index.htm>.

See table on page 16.

Dave Oatis Enters NJTA Hall of Fame

Dave Oatis, the Director of the USGA Green Section's Northeast Region, was presented the Hall of Fame Award at this year's Green Expo in Atlantic City. An agronomist who has made close to 4,000 golf course visits and worked 12 USGA national championships, Dave has also been an integral part of the Expo planning committee for over 20 years.



NJTA Past President Chris Carson made the presentation before an appreciative audience of golf course superintendents and assistants, and mentioned Dave's long standing commitment to help make the job of turf manager on New Jersey golf courses easier and better. Carson, the superintendent at Echo Lake Country Club in Westfield NJ, detailed a few personal instances where Oatis had helped on his golf course, including one occasion where Oatis's innovative thinking helped overcome a very difficult problem on one of his greens.

"Dave is a friend of the turfgrass professional in our state, golf course superintendents in New Jersey and elsewhere," Carson stated, "and has had a long-time commitment to help develop the education program at Expo. He is a most worthy addition to the NJTA Hall of Fame."

Oatis received the honor with typical humility, giving credit to his mentors and colleagues and those who assisted him in his 25 years of work with the USGA. He paid tribute to the 34 turfgrass professionals whom he will join in the Hall, and also made a heartfelt thank you to the late Stan Zontek, who mentored him, and to his long-time administrative assistant Diane O'Rourke who has ably backed him up over the years.

Dave's remarks were met with loud applause and a standing ovation from the audience, affirmation that his selection as this year's Hall of Fame winner was a popular one.





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2012 Environmental Steward Award

Rutgers Gardens dates back to 1927. The first separate display gardens were completed in 1929. Currently, There are over eleven individual gardens or collections at the facility including an American holly collection, a shrub collection, and a shade collection. Recently, a Rain Garden was added, demonstrating the use of water retention basins in a garden setting.

In 1990 the gardens changed direction focusing on education. Gardening classes, children programs, Credits in Public Garden Management, and internships are now offered at the Gardens.

The Educational Programs at Rutgers Gardens all have a common focus -- Ecoliteracy -- Educating the next generation to be environmental stewards.

Bruce Crawford, the director of Rutgers Garden, accepted the award for the Gardens at the 2012 Green Expo. You can follow Rutgers Gardens at <http://rutgersgardens.rutgers.edu/>.



Bruce Crawford, center, accepting the 2012 Environmental Steward Award from NJTA President, Matt Sweatlock, left, and NJTA Past President, Keith Kubik, right.

2012 Member of the Year Award

This year's award was given to **Paul Dotti**, Superintendent of Arcola Country Club in Paramus, and Past President of the Golf Course Superintendents Association of New Jersey.

Paul has been a member of the GREEN EXPO Education Committee for two years.

Paul's dedication to the success of the golf sessions program proved to be a tremendous asset to the NJTA, helping to shape the conference. His experiences proved valuable in shaping the order and topics presented in the educational portion of this conference. Congratulations!



Paul Dotti, left accepting the 2012 Member of the Year Award from NJTA President, Matt Sweatlock.

Dr. C. Reed Funk

September 20, 1928 - October 4, 2012

by Chris Carson

The turfgrass world lost a legend with the passing of **Dr. Reed Funk** on October 4, 2012. In many ways he was the patriarch of turfgrass breeding, and certainly the finest such breeder in the world. But he was much more than that, and on January 11, 2013, a large group of friends and family gathered at the *22nd Annual Rutgers Turfgrass Symposium* to celebrate his life, talk about his legacy, and remember a friend and mentor.

The day was filled with presentations that illustrated his brilliant mind and sharp wit, and included family, colleagues from Rutgers and from many other universities, and the seed industry. There were some common themes brought out throughout the day, including Dr. Funk's generosity. He gave more than just money to many institutions and individuals; treasured memories of his readiness to share his insight and brilliance were shared throughout the day as well.

Many of the presenters mentioned that Funk made whomever he was meeting feel like he was the most important person on earth, that Funk's warmth and humility were renowned, and that it was important to pay attention to this quiet man at all times because frequently "eureka" thoughts spilled from his brain at the most unexpected moments.

Numerous stories and remembrances were told that illustrated his greatness as a Scientist, Teacher, Humanitarian, Friend, Husband and Father, and it would take far too long to count all of the ways this kind and generous man influenced so many. The event certainly provided some closure to his many friends, most of whom were unable to attend his funeral service in Utah, but closure really is not an accurate term to describe his far reaching influence. If anything, the day served to illustrate the man's immeasurable legacy, through which he will live on.

For example, it is clear that the success of the Rutgers Turfgrass Center began with Funk's breeding and the ensuing royalties that have made the Center essentially self-funding. Toward the end of his career, Funk courted Dr. Bill Meyer for five years to become his successor at Rutgers, ultimately prevailing in this pursuit which ensured the continued success and growth of the breeding program.



Photo Courtesy of Paula Quintin

Meyer related an anecdote that encapsulated the spirit of his mentor: The two of them were reviewing an NTEP report that showed that the top ten performers nationwide in ryegrass and bluegrass were Rutgers varieties, and 9 of the top 10 tall fescue varieties were Rutgers releases as well. With his typical dry wit, Funk took off his glasses, looked at Meyer, and quietly said "Now Bill, how do you suppose this other variety slipped in?"

Once Meyer was in place and thriving, Dr. Funk "retired", spending the last 15 years of his life improving a variety of nut trees with the idea of improving their yield. He felt that by doing so, people throughout the planet can plant a useful crop on marginal land, providing an important food source for the world's people. This effort is a perfect illustration of the man's vision: despite his advancing age and the length of time that will be needed to fulfill this dream, he wasn't afraid to start the work, which continues productively in several parts of the country thanks to the establishment of a non-profit organization, "Improving Perennial Plants for Food and Bio-energy, Inc."

There is a Greek Proverb that in many ways serves as a perfect metaphor for Funk's life and career: "A society grows great when old men plant trees under whose shade they will never sit." This requires the ability to dream. Dr. C. Reed Funk was a brilliant dreamer, and a great man.



**GREEN
EXPO
2012..**



Photos Courtesy of: Matt Sweatlock. Thanks!



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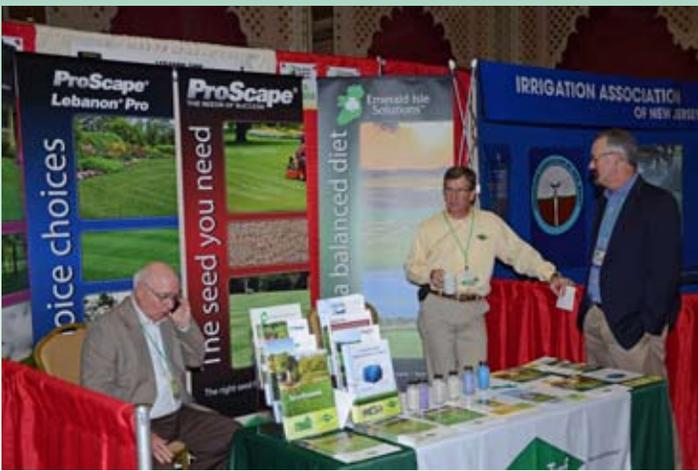


Many thanks to Matt Sweatlock for taking the pictures.



Traffic in the Trade Show and for the Silent Auction...Priceless





We thank our Vendors and Sponsors for the Investment Made in Expo!





Thanks for attending - Save these 2013 Dates - December 10-12, 2013



CONTINUED FROM PAGE 6

Table 1. Resistance risk for many compounds labeled for diseases of ornamentals.

Chemical class	Motility	Role in protection	Mode of action	Activity	FRAC	Risk of fungicide resistance
AH-fungicides (aromatic hydrocarbons) (dicloran, PCNB), heteroaromatics (etridiazole)	contact	preventive	interferes with lipids and membrane synthesis	multi-site	14	low to moderate ¹
Amines, piperidines (piperalin) (SBI Class II)	contact	eradicator	inhibits sterol biosynthesis in membranes	single	5	low to moderate ^{1,2,4}
benzamides, pyridinylmethyl-benzamides (fluopicolide)	acropetal penetrant	preventive/curative	interferes with mitosis and cell division	single	43	resistance not known ²
CAA-fungicides (carboxylic acid amides), cinnamic acid amides (dimethomorph), mandelic acid amides (mandipropamid)	localized penetrant, trans laminar	preventive	inhibition of phospholipid biosynthesis and cell wall (cellulose) synthesis	multi-site	40	low to moderate ^{1,2,4}
carbamates (propamocarb-HCl)	contact	preventive	inhibits enzyme activity, membrane function, or fatty acid metabolism	multi-site	28	low to moderate ²
chloronitriles (phthalonitriles) (chlorothalonil)	contact	preventive	stops energy production in fungus and is toxic to cell membranes	multi-site	M5	low ³
DMI fungicides (demethylation inhibitors), imidazoles (imazalil, triflumizole), piperazines (triforine), pyrimidines (fenarimol), triazoles (myclobutanil, propiconazole, tebuconazole, triadimefon) SBI Class I	acropetal penetrant	preventive/curative	interferes with cell membrane by inhibiting ergosterol	single	3	moderate ^{1,2,4,5}
dicarboximides (iprodione)	localized penetrant	preventive	interferes with lipids and membrane synthesis	multi-site	2	moderate to high ^{1,2,4}



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2012 Recognition Award

This year's award was presented to two individuals:

Richard Buckley and William Dickson

Rich Buckley was hired by Rutgers University in 1991 and assumed the roll of Director of the “Plant Diagnostic Laboratory” in 1994. [The laboratory examines over 2,300 samples a year, 96% related to the turf & ornamental industry. 90% of the customers receive responses within 3 days.] He spends 10 weeks a year as an instructor for the Rutgers Professional Golf Turf Management School, acts as the coordinator for the Pest Management in Landscape Turf Short Course, and is a guest lecturer adding about 60 more presentations. Rich is a truly a “go to” guy for the NJTA.

While a student at Rutgers, **Bill Dickson** worked with Dr. Ralph Engle. After graduating in 1968, he was hired by Dr. C. Reed Funk to work in the breeding department, assisting in the development of numerous turfgrass varieties including ‘Sabre’ poa trivalis. His is a staff lecturer for the Office of Continuing Education’s turfgrass short course. Bill was involved in the original re-development of the Hort Farm II from a fruit tree research farm to a turfgrass research farm. In 1986 he was appointed research farm supervisor. Bill has been the farms point person for the Rutgers Turfgrass Field Days. Bill will retire this January. Thank you for your years of service to the turf industry and enjoy your retirement -- it is well deserved.



Rich Buckley, right, accepting the Recognition Award from NJTA President, Matt Sweatlock.



Bill Dickson, center, accepting the Recognition Award from NJTA President, Matt Sweatlock, left, and NJTA Past President, Keith Kubik, right.

Meet Matt Paulina, NJTA Board Member



I have been married for ten years to my wonderful wife Kim, and we have 2 beautiful daughters -- Brynn, 8, and Tessa, 3.

I was born and raised outside of Pittsburgh, PA, and graduated from Penn State University with a bachelors degree in Turfgrass Science. Upon completion of my degree, I went to work as an assistant supt at Dupont CC and remained there for four years before starting a career with Lesco in Long Island, NY. In 2003, I relocated to Philadelphia with Lesco and took over the southern NJ territory. My employment with Lesco continued until their purchase by John Deere Landscapes in the spring of 2007 and I worked for JDL until leaving last Sept to work for Pocono Turf.

My hope for being on the board of the NJTA is to be able to give back to the industry that has given so much to me, to be able to help further the development of other professionals in our field and to help strengthen our industry within our state.



The NJTA Membership Application has been updated and categories of membership are redefined.

Please -- Use the application enclosed with this issue. Why not ask one or two of your business friends and associates to join NJTA.

- **Business Partner** for Manufacturers or Suppliers or Sod Producers
- **Turfgrass Partner** for Golf Course, Lawn Care, Landscapers and others
- **Individual Member** (can be Business or Turfgrass Partners)
- **Student Member** for those enrolled in turf-related educational programs
- University, industry professionals, Rutgers Extension offices, and NJTA Award winners receive **Honorary** memberships.

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new jersey turfgrass association



clippings

Green World



2013 CLIPPINGS - Promote Your Business to Members

Clippings & Green World is NJTA's quarterly newsletter publication. It is mailed each Winter, Spring, Summer and Fall. This full-color publication has received rave reviews from our members because of its relevant and rich content and layout. Our present circulation is 900 per issue and reaches every integer of the turfgrass industry. Your ad is included in all 4 issues for the year. Contact us if you wish to change your ad for a new issue. Check which size ad below:

- 1/8 Page (Business Card) \$ 700.00 (\$175 ea issue) Size: 3.6" W x 2.1875" H
- 1/4 Page \$ 1100.00 (\$275 ea issue) Size: 3.6" W x 4.625" H
Complimentary Ad for 4 issues included as Premier Sponsor of Rutgers Turfgrass Research Golf Classic.
- 1/2 Page \$ 1900.00 (\$475 ea issue) Size: 7.5" W x 4.625" H
- Full Page \$ 3300.00 (\$825 ea issue) Size: 7.5" W x 9.875" H
- PATRON Listing \$ 125.00 *Complimentary Patron Listing included with Full Page Ad.*

TOTAL DUE: \$ _____

2013 AD SCHEDULE: Winter - February Spring - April Summer - June Fall - December

Artwork copy and articles are due in our office by: **February 10** (Winter); **April 10** (Spring); **June 10** (Summer); and **December 10** (Fall). This schedule promotes and highlights NJTA's annual events.

Please complete and mail or fax to the NJTA office. Fax (973) 812-6529 Email: execdirector@njturfgrass.org

SELECT AD SIZES: (See Rates Above):

- 1/8 Page 1/4 Page 1/2 Page Full Page PATRON Listing

Which Issues? Winter Spring Summer Fall

Company: _____

Contact Name: _____

E-mail: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Products/Services (for Patron Listing) _____

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- Check VISA MasterCard AMEX Send Invoice

Credit Card #: _____

3 Digit Security Code: _____ Exp. Date: _____

Cardholder's Signature: _____

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TIF, EPS, or PDF files By Email or on CD

Multi or Full Color - Resolution 300 DPI

Make Check Payable To:

New Jersey Turfgrass Association

Mail Check & Ad To:

NJTA Clippings
25 US Highway 46 West
Wayne, NJ 07470-6801

For Information Call:

Ph: (973) 812-6467

Fx: (973) 812-6529

Email: execdirector@njturfgrass.org



New Jersey Turfgrass Association • 25 US Highway 46 West, Wayne, NJ 07470-6801 • www.njturfgrass.org

Tear this page out, complete and mail to the NJTA Office with your ad copy.



REACH OUT TO MEMBERS

2013 NJTA Member Directory

The **2013 NJTA Membership Directory** is the only published member list given to current members, and any new members who join in 2013. Expect to receive the 5.5 x 8.5 book in your mailboxes in early April. About 900 Directories will be printed.

REACH OUT and take advantage of this targeted exposure. Each section is separated by Tabs: **(1) A-Z Listing of all Members, (2) Affiliation Cross Reference, and (3) By Laws.** The NJTA Board of Directors, NJTF Board of Trustees, Past Presidents, Award Winners for Hall of Fame, Recognition, Member of the Year, and Environmental Steward, and What NJTA Does for You are also included.

DISPLAY ADS will be placed on a first come, first reserve basis as there are only 9 pages available. Contact Cece Peabody, Executive Director, if you have any questions (973) 812-0710. Fax this form to (973) 812-6529.

Select your location below or your tab. Send your ad copy in a high resolution TIF, EPS, PDF, or GIF file. execdirector@njturfgrass.org.

DEADLINE TO BE INCLUDED IS MARCH 12, 2013.

SELECT	SIZE	COST	DIMENSIONS
<input type="checkbox"/>	OUTSIDE BACK Cover	\$800	5 x 7
<input type="checkbox"/>	INSIDE BACK Cover	\$700	5 X 7
<input type="checkbox"/>	INSIDE FRONT Cover	\$700	5 X 7
<input type="checkbox"/>	FULL Page Tab	\$500	5 x 7
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TAB CHOICES	<input type="checkbox"/> Members A-Z <input type="checkbox"/> Affiliation Cross Reference <input type="checkbox"/> By-Laws		

Thank you for your continued support of the New Jersey Turfgrass Association.

PAYMENT BY: Check <input type="checkbox"/> # _____ CREDIT CARD: <input type="checkbox"/> Visa <input type="checkbox"/> Mastercard <input type="checkbox"/> Amex <input type="checkbox"/> Mail Make Checks Payable to: NJTA Mail to: NJTA, 25 US Highway 46 West, Wayne, NJ 07470-6801 CARD #: _____ EXPIRATION DATE (MM/YY): ____ / ____ SECURITY CODE #: _____ Bill Address: _____ SIGNATURE _____
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NJTA, 25 US Highway 46 West, Wayne NJ 07470 • Ph:(973) 812-6467 • Fax: (973) 812-6529

CALENDAR

2013 EVENT DATES

Monday, May 6, 2013

Rutgers Turfgrass Research

GOLF CLASSIC

*Fiddler's Elbow Country Club
Far Hills, NJ*

Tuesday, July 30, 2013

Rutgers Turfgrass Research

Field Days

GOLF & FINE TURF

Hort Farm II, North Brunswick NJ

Wednesday, July 31, 2013

Rutgers Turfgrass Research

Field Days

LAWN, LANDSCAPE, &

SPORTS FIELDS

Adelphia Farm, Freehold NJ

Tuesday - Thursday

December 10-12, 2013

GREEN EXPO

Turf & Landscape Conference

*Trump Taj Mahal Resort Casino,
Atlantic City NJ*

RUTGERS EXTENSION OFFICES & NUMBERS

RCE of Atlantic County	(609) 625-0056
RCE of Bergen County	(201) 336-6780
RCE of Burlington County	(609) 265-2900
RCE of Camden County	(856) 566-5757
RCE of Cape May County	(609) 465-5115
RCE of Cumberland County	(856) 451-2800
RCE of Essex County	(973) 353-5525
RCE of Gloucester County	(856) 307-6450
RCE of Hudson County	(201) 915-1393
RCE of Hunterdon County	(908) 788-1339
RCE of Mercer County	(609) 989-6830
RCE of Middlesex County	(732) 398-5262
RCE of Monmouth County	(732) 431-7278
RCE of Morris County	(973) 285-8307
RCE of Ocean County	(732) 349-1246
RCE of Passaic County	(973) 305-5740
RCE of Salem County	(856) 769-0090
RCE of Somerset County	(908) 526-6293
RCE of Sussex County	(973) 948-3040
RCE of Union County	(908) 654-9854
RCE of Warren County	(908) 475-6505

Please notify the NJTA office if any of the above numbers have changed. Thank you.

973-812-6467

New Jersey Turfgrass Association

25 US Highway 46 W • Wayne, NJ 07470-6801
 Phone (973) 812-6467 • Fax (973) 812-6536
 Email: execdirector@njturfgrass.org • Website: www.njturfgrass.org

2013 Board of Directors

- Matt Sweatlock, President
- Shannon Sked, Vice President
- Darrell Marcinek, Secretary
- Dennis DeSanctis Jr, Treasurer
- Cece Peabody, MAT, CMP, Executive Director
- Keith Kubik, Past President
- Shaun Barry, Director
- Brian Feldman, Director
- Matt Paulina, Director
- Nick Polanin, Director
- Pedro Perdomo, Director
- Thom Ritchie, Director
- Craig Tolley, Director
- Tracy Wadhams, Director
- Chris Carson, Expo Chairman
- Dr. Bruce Clarke, Advisor
- Dr. Jim Murphy, Advisor

The Rutgers Plant Diagnostic Lab

The Plant Diagnostic Laboratory provides accurate and timely diagnoses of plant problems.

Below is a sample of services performed:

- ▶ Disease and Insect Pest Diagnosis
- ▶ Plant and Weed Identification
- ▶ Insect Identification
- ▶ Fungus and Mold Identification
- ▶ Nematode Assays
- ▶ Screening for Neotyphodium Endophytes
- ▶ Fungicide Resistance Screening
- ▶ Other Services Available by Contract

For more information please call us at 732/932-9140 or visit the web for sample submission instructions and forms at:
www.rcrc.rutgers.edu/plantdiagnosticlab.



The Rutgers Soil Testing Lab

The Rutgers Soil Testing Laboratory performs chemical and mechanical analyses of soils.

The following services are routinely performed:

Landscape

- Level 1** Fertility Test: Nutrients, pH, recommendations
- Level 2** Problem Solver (soil/plant suitability test)
- Level 3** Topsoil Evaluation

Greenhouse

Saturated (Organic) Media Extract Analysis: Nutrients, pH, electrical conductivity, inorganic nitrogen

Sport Turf

- Level 1** Fertility Test: Nutrients, pH, recommendations
- Level 2** Complete Test: Nutrients, pH, estimated CEC & cation saturation, soluble salt level, organic matter* content, soil textural class
- Level 3** Sand Root Zone Test

*Organic matter content would be determined by loss-on-ignition for golf course greens, as described by USGA guidelines.

For more information please call us at 732/932-9295, or visit us on the web at:
www.rcrc.rutgers.edu/soiltestinglab.