

new jersey turfgrass association

Green
World



clippings

Issue 1: 2014- Spring | VOL 87

Dr. Henry W. Indyk



August 21, 1921 - September 4, 2005



2014 Patron Directory

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President's Message

Shannon Sked, NJTA President

Teamwork is How Goals are Obtained

Over this first quarter of 2014, I have had great opportunities to meet with leadership from several of our Allied Associations. I plan to meet with several others in the upcoming months. One thing that has stood out to me during many of these conversations was just how many different ways we can support our industry. This diversity in support allows all of our associations to work together in a way where all aspects of the industry are sustained. More so as a member of our industry rather than just as the President of the NJTA, this is incredibly reassuring. To see how so many people can be driven by dedication to the same purpose is, and to be a part of that purpose, nothing short of comforting.

To add to my personal enthusiasm, the specific way that the NJTA supports our industry aligns befittingly with my own professional goals and ideals. As a Rutgers alumni, I am of course, an advocate of the University. But as an industry scientist and practitioner, the utilization of science to answer industry's questions and help it attain all of its potential invigorates my passion for what we do each day in our professional careers. This unique direction of industry support allows the NJTA to ally itself as well as partner with many of the other great industry associations.

This is how all of us, collectively, can continue to ensure the health of our industry in New Jersey. Each of us taking up our specific tool and driving it to the earth in the way it's meant to be used, followed by the next with his or her appropriate tool, is the way we sow our crop and watch it grow. We see this each day in our work; our field teams working together to complete the project at hand, our sales teams bringing in the projects that our operations teams execute, and our leadership setting vision for the companies to grow towards. These are all analogies of how teams work. It is great to be a part of the NJTA, and even more so to be a part of an organization as ours which is further a part of our collective industry – working together as a team, a branch, a course or a business.

Shannon Sked
NJTA President



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He "Paid It Forward"



by Cece Peabody, MAT, CMP,
NJTA Executive Director

Many in the industry didn't know Dr. Henry Indyk but from what is in this issue, this man was a dynamo and a person who made a huge difference to the turfgrass industry. As

you read the articles and view the pictures, these may bring back memories of your own about the man. If you didn't know him, you'll get a real sense of who he was. He seemed to be the pure essence of 'paying it forward'...doing something today that will help many in the future. We are taking the time to honor this man in this issue.

There are many men and women at Rutgers who continue to shape the present and future of the turfgrass industry, and pay it forward to the next class of students, researchers, and more.

If you want to share something about one of these Rutgers folks, please do so. We would be glad to include it in our next issue.



New Jersey
Turfgrass
Association

**Save
the
Date**



Monday, May 5, 2014
Rutgers Turfgrass Research
Golf Classic



Do you have an article that would be great to share with other NJTA members about the turfgrass industry?

We would love to include a bio about you and your company. We would love to hear what's important to you.

Please consider connecting, sharing and sending your ideas, your thoughts, your perspectives and your articles.
Tell Us What You Think.

Email them to: execdirector@njturfgrass.org
Cece Peabody, Executive Director
Thanks in advance!

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A Million Dollar Moment

by Keith Kubik, NJT Foundation President
2012 - 2013

It is not every day that you get the chance to announce a major milestone. It is rarer yet to be able to announce the achievement of two major milestones. I was fortunate enough to have that opportunity on December 10th at the Green Expo in Atlantic City.

One day earlier the Trustees of the NJ Turfgrass Foundation approved the contribution of the **\$60,394** needed to fully fund the **Dr. Henry Indyk Graduate Fellowship at Rutgers University**. This was an occasion to honor the memory of a past legend in the turfgrass industry with a scholarship fund which will hopefully help find future legends. Through this contribution, the NJ Turfgrass Foundation and the NJ Turfgrass Association continued their strong commitment to the Center for Turfgrass Science at Rutgers University. The NJTA and the NJTF combined to fund over \$160,000 of this \$400,000 fellowship.

Dr. Indyk played a huge role in the formation of the NJ Turfgrass Association in 1970 and in the creation of the NJ Turfgrass Expo in 1974. Perhaps it is no coincidence that the pieces came together all these years later at the show he helped to create with the commitment of an association he helped to found.

The second milestone was reached when through this commitment to the Indyk Fellowship, the NJTF surpassed the \$1,000,000 mark in total dollars contributed to Rutgers University. Both the NJTF and the NJTA share in the mission to support Rutgers University and the Center for Turfgrass Science. This million dollar milestone shows that that mission is more than words.

As a member of the NJTA, I hope that you take pride in these accomplishments. It is your support of the NJTA and the NJTF that allows for these moments to happen. As we look forward to our next milestone, I'm pleased that the occasion gave us a great reason to look back.





Impact of Road Salt on Adjacent Vegetation

by

Dr. Ann Brooks Gould, Associate Extension Specialist in Ornamental Pathology, Rutgers University

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

It's the beginning of spring... Consider that roadside vegetation has been exposed to de-icing compounds following several recent late-winter storms. Runoff from treated pavement contains dissolved salts that can injure adjacent vegetation. In plants sensitive to excessive salt, affected foliage may scorch and drop prematurely. In severe cases, the death of twigs, branches, and sometimes the entire plant, may occur.

Why is road salt used?

Salts (usually chloride-based) are applied to roadways, driveways, and sidewalks to melt the ice and snow, enhancing safety for motorists and pedestrians. These compounds are usually applied before (anti-icing) or during (de-icing) storms where precipitation is expected to accumulate. The salt dissolves in water to form a brine that has a freezing point lower than water. The brine melts the ice and helps to prevent the formation of more ice as temperatures drop. To improve traction, de-icing salts are often mixed with abrasives such as sand, cinders, gravel, and sawdust.

Anti-icing products are applied before accumulation is expected. Applied most often in liquid form, anti-icers prevent the bonding of ice to the roadway. De-icing products, usually applied as solids, break existing bonds between ice and the pavement and are most often used when plows are needed to clear roadways. In New Jersey, the most commonly applied deicers are rock salt (sodium chloride), liquid calcium, and salt-water brine solutions. To keep the approximately 13,000 lane miles of interstate and state highways clear of precipitation, The New Jersey Department of Transportation stores up to 164,000 tons of rock salt, 720,000 gallons of liquid calcium chloride, and 150,000 gallons of salt brine.

How does road salt affect vegetation?

Plants become injured when roots and foliage are exposed to salt-laden water. The foliage on roadside vegetation is damaged when salted water sprays up from the pavement by passing vehicles. Salt-laden water can also percolate down through the soil profile, coming into contact with soil particles, soil microbes, and plant roots. Salt injures vegetation by:

- Increasing water stress. In the root zone, water molecules are held very tightly by salt ions, making it difficult for roots to absorb sufficient quantities of water. In sensitive species, this "physiological drought" may result in depressed growth and yield.
- Affecting soil quality. The sodium ion component in rock salt becomes attached to soil particles and displaces soil elements such as potassium and phosphorus. As a result, soil density and compaction increases and drainage and aeration are reduced. In addition, chloride and calcium can mobilize heavy metals in affected soils. Plant growth and vigor are poor under these conditions.
- Affecting mineral nutrition. When the concentration of both the sodium and chloride components of salt in the root zone is excessive, plants preferentially absorb these ions instead of nutrients such as potassium and phosphorus. When this occurs, plants may suffer from potassium and phosphorus deficiency.
- Accumulating to toxic levels within plants. The chloride component of salt is absorbed by roots and foliage and becomes concentrated in actively growing tissue. Plants repeatedly exposed to salt over long periods of time may accumulate chloride ions to toxic levels, resulting in leaf burn and twig die-back.

How do plants respond to excessive salt?

Unlike animals, plants do not have mechanisms to excrete excess salt from tissues and can only "shed" salt in dead leaves and needles. Because conifers do not shed leaves on a yearly basis, they tend to suffer damage from accumulated salt more easily than do deciduous trees.

Plant species vary in their tolerance to salt exposure (see plant species listings below). Plants that are tolerant of salt grow as well in saline soils as they do under normal conditions. Many herbaceous plants such as grasses adapt fairly readily to high salt levels. Among woody plants, tolerance varies with the species. Plant species with waxy foliage or scaled, protected buds are generally more tolerant of salt spray.

In salt-sensitive plants, exposure to salt can result in poor growth, stunted leaves, heavy seed loads, twig and branch die-back, leaf scorch, and premature leaf drop. Plants stressed by excessive salt are also more susceptible to biotic diseases and insect pests. The extent of injury a

continued on page 7

Impact of Road Salt...continued from page 6

by Dr. Ann Brooks Gould, Associate Extension Specialist in Ornamental Pathology, Rutgers University

plant sustains in response to salt depends on:

- The kind and amount of salt applied. Sodium chloride (rock salt) can be very damaging to plants. De-icing compounds without chloride, such as urea, are safer for vegetation.
- The volume of fresh water applied. Although salts are easily leached by water in well-drained soils, they tend to accumulate in poorly-drained soils, so the potential for damage to vegetation in these soils is high. High volumes of water, whether from rainfall or melting snow, will decrease the possibility of injury. Rainfall also washes salt from foliage surfaces.
- The distance plants are situated from treated pavements. Plants within the "spray zone" of moving vehicles (about 15 feet, and more if down wind) are more likely to sustain salt injury. Injury is usually most evident on the side of the plant that faces the highway.
- The direction of surface-water flow. The channeling of drainage water away from susceptible plants will prevent salt from coming into contact with plant roots. Plants situated up-slope or away from drainage areas are less likely to be affected.
- The time of year salt is applied. Salt applied in late winter and early spring is more likely to damage vegetation than salt applied earlier in the winter season. This is because there is less time for winter snow and precipitation to leach salt from the root zone before growth resumes in the spring.

How can we minimize salt injury?

The best solution to the de-icing salt problem is to prevent contamination. On sidewalks and driveways, clear the snow first, and then use minimal de-icing product to treat the pavement. If vegetation is located in areas where salt spray occurs, erect barriers or screens to protect plants during the winter months. Anti-desiccants may also help prevent injury when applied to evergreen foliage where de-icing salt will be used. County, state, and municipal officials can help prevent salt injury by carefully training equipment operators and frequently calibrating equipment.

Once soil becomes contaminated with salt, the damage can be reduced by leaching the salt with fresh water as soon as possible after exposure. Under certain circumstances, incorporation of gypsum at the rate of 50 lb/1000 sq ft into the top six inches of soil at the drip-line of trees may also be helpful. Furthermore, foliage exposed to salt spray may be washed with salt-free water to remove deposited salt.

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When landscaping, place trees and shrubs that are salt-sensitive as far as possible from problem areas. Select planting sites that are not subject to salt-contaminated waters, and place shallow diversion ditches between roadways and plantings. When vegetation must be placed near roadways, utilize salt-tolerant plants. Keep in mind that stress due to de-icing compounds may predispose plants to diseases and insects and may enhance their sensitivity to other environmental stresses.

Salinity tolerance of selected trees and shrubs.

Note: These listings were compiled from several sources (below). Sensitivity to salt depends on plant species, stage of growth, and environmental conditions. Note that in many cases, tolerance or sensitivity of host plants to salts is based on anecdotal information or studies where responses to soil salinity or salt spray were assessed. Note also that different sources may report different tolerances for the same species.

Moderately tolerant to tolerant trees and shrubs

- *Acer platanoides* (Norway maple)
- *Aesculus hippocastanum* (Horse-chestnut)
- *Ailanthus altissima* (Tree of heaven)
- *Baccharis halimifolia* (Eastern baccharis)
- *Betula* sp. (Gray birch, Paper birch, Yellow birch, Sweet birch)
- *Cryptomeria japonica* (Japanese cryptomeria)
- *Cupressocyparis leylandii* (Leyland cypress)
- *Elaeagnus angustifolia* (Russian olive)
- *Euonymus japonicus* (Japanese spindle)

Sensitive trees and shrubs

- *Abies* sp. (Balsam fir, Concolor fir)
- *Acer negundo* (Boxelder)*
- *Acer* sp. (Black maple, Red maple, Silver maple)
- *Aesculus glabra* (Ohio buckeye)
- *Albizia julibrissin* (Silk tree)
- *Alnus* sp. (European alder, Gray alder, Hazel alder)
- *Amelanchier* sp. (Serviceberry)
- *Asimina triloba* (Pawpaw)
- *Berberis thunbergii* (Japanese barberry)
- *Betula* sp. (Bog Birch, European white birch, River birch)
- *Buxus sempervirens* (Common boxwood)

Sources:

- Sinclair, W., and Lyon, H. 2005. *Diseases of Trees and Shrubs*, 2nd. Comstock/Cornell University Press.
- Urban Horticulture Institute. 2009. *Recommended Urban Trees: Site Assessment and Tree Selection for Stress Tolerance*. Department of Horticulture, Cornell University.
- Woody plants database, Cornell University: <http://woodyplants.cals.cornell.edu/>

The Indyk Family Supports Perpetual Graduate Fellowship...and more..

by Ken Indyk

The Indyk family strongly supports *Dr. Bruce Clarke's* vision of establishing a perpetual graduate fellowship and also honoring **Dr. Henry W. Indyk's** contributions to the Turfgrass Industry.

It is hard to believe Henry (Dad) passed away almost 9 years ago when so many of the associations, events and initiatives he had an influence in continue to grow and expand. He was a firm believer in networking before it was a buzzword and championed group efforts to achieve greater goals. He was able to engage many people across the disciplines of our industry whether it was research, academia, commercial business or golf and grounds managers as ultimate end user of Turfgrass products. I could always count on him for a debate, challenge and congratulations on effort and success.

While still not fully funded, the Dr. Henry W. Indyk Fellowship did grant quite a number of scholarships to graduate students. I was fortunate to meet them all and try to pass on a small portion of Dad's work ethic, values and vision of our roles in the turf industry. None of the Fellowship recipients were able to experience Dad in his lectures, seminars or the "Breakfast is the most important meal of the day" speech. He started at Rutgers in 1959 and was well into his stride by the 1970's, I don't think they were born yet.

I am very impressed with the caliber of all the Fellowship recipients. They all have different interests within the Turfgrass Industry but their focus and successes are a tribute to the Turfgrass Program at Rutgers. I am heartened that they remain in the Turfgrass Industry post Rutgers.

We are very happy the Dr. Henry W. Indyk Fellowship is fully funded and hope that it may continue to grow and aid even more Graduate Students at Rutgers University.



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Birthday Celebration For New Jersey Turf

EXPO '80 MARKS 10 YEARS FOR NEW JERSEY TURFGRASS ASSOCIATION, ROOTS EXTENDING ALMOST 60 YEARS AGO IN THE STATE



By Ann Reilly, Special Correspondent

Expo '80, sponsored by the New Jersey Turfgrass Association, had a very special significance this year. Not only was the Cherry Hill Hyatt House filled to near capacity from December 8 - 11, 1980, as it is

turf man on staff, and the first course in turfgrass management was set up in 1929 following widespread turf failure on golf courses the previous year. Those were the days of the depression

Accepting the N.J. Turfgrass Recognition Award for outstanding campus grounds, Frank Hanley, (center), President of Mercer County College. Charles Craig (left), Grounds Superintendent at Mercer County College, was recognized for his efforts in beautification of the campus. Dr. Henry W. Indyk (right), General Chairman of Expo '80, presented the awards.

Picture above captured from
Landscape and Turf magazine,
February 1981



Dr. Henry Indyk, General Chairman of Expo (left) presents 1977 Achievement Award to John Mullen, V.P. Corporate Relations of J & J (right).

Captured from NJTA 's 10th Anniversary Journal, 1980.




ABOVE:

Dr. Indyk receives the Hall of Fame Award from President Dave McGhee.


BELOW:

Dr. Henry Indyk lectures at Field Day, circa 1981.




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Dr. Henry Indyk lectures at Field Day circa 1981.

Picture above
captured from the
GCSANJ magazine,
Greenerside,
May 1979,
Volume 1, Number 1



Dr. Henry W. Indyk (l) of Rutgers University, New Jersey, was named recipient of the Irrigation Association's "Man of the Year Award." Presenting the Award were IA President Paul Bohley (c) and Past President Kenneth White (r).

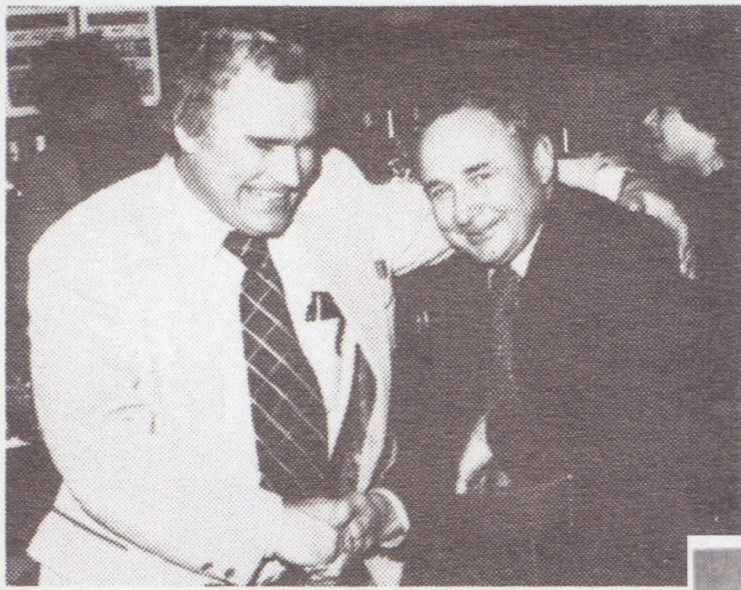


Picture captured from the GCSANJ
magazine, *Greenerside*, Volume 3,
Number 5, 1979



Turf improvement team at Rutgers includes Dr. C. Reed Funk, right front; Albert Neuberger, left front, technician; Dr. Ralph E. Engel, standing left; and Dr. Henry W. Indyk, extension specialist.

Captured from Rutgers, Vol XXI,
number 3, June 1969



LEFT: Captured from the GCSANJ Magazine, *Greenerside*, Volume 5, Number 4, September 1982

Skip Cameron is pictured with Henry.

RIGHT: Captured from the GCSANJ Magazine, *Greenerside*, Volume 5, Number 6, December 1982.

Bob (Red) Dickison is pictured with Henry.



GCSANJ President Steve Finamore (r) presents to Dr. Henry Indyk the Golf Course Superintendent's Association of New Jersey's Distinguished Service Award at the New Jersey Turfgrass Expo '89, held in December.

LEFT: Captured from the GCSANJ magazine, *Greenerside*, Volume 13, Number 2, March-April 1990

Steve Finamore is pictured with Henry.

Legislative Corner

by Brian Feldman, Legislative Chairman

Yogi Berra once coined “it’s like Déjà vu all over again”. This quote always reminds me of Spring and how life has a funny way of coming full circle, allowing for fresh starts and new beginnings, much like Berra’s beloved game of baseball. It is so true, and as I reflect now, I realize that the World Series was just played a few months ago on beautifully manicured turf-grass fields managed by professionals in our cherished industry. Now look, spring training is here, and we are starting all over again.

In regards to legislative affairs, Déjà vu could not be a better way to describe the year that is upon us. Although certainly a fresh start, many old bills have resurfaced in this new legislative session. Bills that did not make law last session often are easy targets to be reintroduced. I was once told that legislators want to legislate and certainly this statement defines the rationale. NJTA ally, the **New Jersey Green Industry Council**, describes herein which bills are back, many of which have received past investments of industry time and resources. These bills look similar, but do offer change, change in legislative sponsors, and change in committees to which bills are referred and lastly changes in leadership directing bills for vote. What does this mean for us?

In short, it means we must start the process of educating who we are and what our professional message is regarding these bills. “It’s like Déjà vu all over again”! With all fresh starts, we as individuals have the opportunity to build upon the past. For me, this means to get more involved. Involvement does not have to be over the top, but it does require understanding of the issues and the industry allies we have to help us. Spring is here, so stay tuned!

2014 Fresh Spring Approach in NJ Legislature:

Many pesticide ban bills that have been communicated in the past two years have returned. The new start to this legislative session includes some important changes in leadership roles in both the Senate and Assembly. Also, many bills have been referred to new committees. The NJGIC along with industry alliances are preparing for new rounds of outreach and education, focusing on the new committee members and the leadership in place. Primarily our education efforts will center on developing trust through credible professionals who offer fact based information regarding our businesses and how this relates to the legislation.



We are all stakeholders in the process that affects us, and our perception must be one of high integrity. Some concerning bills revolve around pesticide bans, and our education must include valuable statements regarding safety, risk, effectiveness and the feasibility of judicious utilization of pesticides by licensed and trained professionals. The NJGIC has developed key talking points, and excellent opportunities to educate our legislators. What else is needed? You, the grassroots network! Our board is effective, but local flavor is exponential in delivering the message. What is needed is more industry participation in specific voting districts and the NJGIC is looking for volunteers from the industry at large to do just that, be the spokesperson for the industry and the professionalism we uphold. We call this our **Legislative District Leadership initiative**.

continued on page 14

Key issues that have re-sprouted again in the 2014 NJ Legislative session are:

- **Safe Playing Fields Act (SPFA)- (S.541/A.2143) – ‘Restricts use of lawn care pesticides at child care centers and certain schools.’**
 - o Senate Environment and Energy committee
 - o Assembly Agriculture and Natural Resources Committee
- **Neonicotinoid Ban Bill (Neonic Bill) – (A.1373) – ‘Prohibits the use or sale of Neonicotinoid pesticides’**
 - o Assembly Agriculture and Natural Resources Committee
- **Responsible Pesticide Use and Reduction Act – (A.210) – ‘Encourages voluntary reduction in the use of pesticide throughout the state.’**
 - o Assembly Agriculture and Natural Resources Committee
- **Barnegat Bay Protection Act – (A.1212)- ‘Establishes Barnegat Bay Protection Fund, dedicate portion of sales tax on lawn fertilizer, authorizes special license plates, and provides for donations’.**
 - o Assembly Environment and Solid Waste Committee

NJGIC Initiatives:



- **Alternative IPM based bill for playing fields:** Industry must continue to promote Integrated Pest Management as an effective way to maintain places children play. An alternative bill entitled **“Protecting Children at Play Act”** is being developed by the NJGIC and other industry stakeholders. This proactive approach promotes just this, and is based on science and industry experience. This bill is aimed at being a substitute to the more restrictive Safe Playing Fields Act (SPFA). In the last legislative Session the SPFA had huge sponsorship in both the Senate and the Assembly with no alternative bill for consideration. So, as it returns again in 2014, NJGIC recognizes that an alternative bill must be introduced that has industry support. Offering legislators alternatives is important, and shows our willingness to engage.
- **Neonicotinoid & Pollinator Summit:** Bee health is an international issue! Anti-pesticide activist groups have used this platform for recent pesticide reduction campaigns. Often these campaigns failed to educate the public on the array of known causes, but rather isolated pesticides as the primary cause. Because of these campaigns, NJ is currently one of five states with a neonicotinoid restriction bill. NJGIC is teaming up with allies to offer a well-rounded seminar to educate industry professionals on the issues and the science regarding pollinator health and neonicotinoid pesticides. Look for an announcement soon for this “do not miss” fall educational event that will include world class experts presenting the facts!
- **Legislative District Leadership Initiative:** NJ has 40 legislative districts. NJGIC is seeking volunteers to be a voice in your legislative district. No meetings are required and no cost to you. All that is needed is an interest to stay informed and willingness to engage when needed. Please visit <http://www.njgic.org/> to see who has volunteered and to learn about all of the important 2014 initiatives devoted to promoting our industry.

The Henry Indyk Endowed Graduate Fellowship Meets Its Fundraising Goal!

by Dr. Bruce B. Clarke, Director
Rutgers Center for Turfgrass Science

After seven years, the capital campaign for the Henry Indyk Endowed Graduate Fellowship reached its \$400,000 goal with a donation of \$61,000 from the New Jersey Turfgrass Association (NJTA) and the New Jersey Turfgrass Foundation (NJTF). This fundraising effort was initiated in 2007 to provide a continual source of funding for graduate students in turfgrass science at Rutgers University. I would like to thank the NJTA and NJTF for their tremendous support of the Henry Indyk Endowed Graduate Fellowship (over \$150,000 since 2007). For over 50 years, Dr. Indyk worked to promote excellence in turfgrass science in New Jersey and throughout the nation.

With the establishment of the Indyk Graduate Fellowship, Henry's legacy and his support of graduate education will live on forever! What a fitting tribute to one of the great turfgrass extension educators.

Dr. Indyk was instrumental in the formation of the NJTA and the Cultivated Sod Association of New Jersey, and was known nationally and internationally for his expertise in turfgrass management.

I would also like to thank the Indyk family for their financial assistance in establishing the Henry Indyk Endowed Graduate Fellowship, as well as all of the other turfgrass associations and turf managers throughout the state, region and nation who contributed to this major fundraising effort.

The faculty, students and staff of the Rutgers Turfgrass Program are indebted to your generosity and continued support of graduate education at Rutgers University.

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Indyk Memorium

A Collaborative Effort by Dr. Richard Caton, Dr. Bruce Clarke, and Dr. Jim Murphy

Reprinted from Clippings, Fall 2005

The Turfgrass Industry in our state, our nation, and internationally suffered a great loss with the death of Dr. Henry W. Indyk. His contributions towards the cause of better turf during the more than 30 years as an Extension Specialist (Professor) in Turfgrass Management at Cook College of Rutgers, The State University of New Jersey, and the 15 years after his retirement from Rutgers in 1990 are legendary.

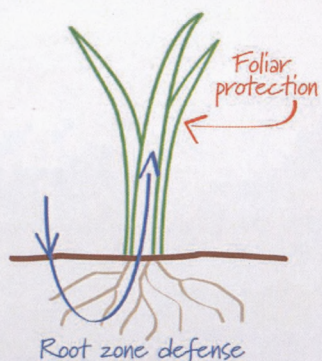
He was instrumental in the formation of the New Jersey Turfgrass Association and was the driving force behind the development of the annual New Jersey Turfgrass Expo (educational and trade show exposition) in 1974. His vision of the Expo promoting a partnership between turfgrass science and the turfgrass industry so that both entities would thrive and develop a heightened level of communication continues to this day. The education program was designed to also provide State of New Jersey DEP certified education credits for pesticide applicators,

license holders, and other practitioners.

In the "early days," he made significant contributions to the Cultivated Sod Association of New Jersey which he helped form in 1962 and served as its secretary for more than 30 years. He also worked with Wiley Miner in the development of sod-harvesting apparatus and served as Executive Secretary of the American Sod Producers Association (now Turfgrass Producers International) for 5 years.

Dr. Indyk served on committees and board of organizations representing turfgrass interests including the New Jersey Turfgrass Association, Cultivated Sod Association, American Sod Producers Association, Sports Field Managers Association of New Jersey, Sports Turf Management Association (national), Golf Course Superintendents Association of New Jersey (served as Executive Director for 13 years), Irrigation Association (both New Jersey and national,

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Indyk Memorium *continued from previous page*

Bergen County Landscape Contractors Association, Plant Food Educational Society of New Jersey, New Jersey Parks and Recreation Association, Associated Landscape Contractors, and Cemetery Association of New Jersey.

His philanthropy within these organizations led to his being honored with several prestigious awards such as the Irrigation Association (national) Man of the Year Award in 1978, the New Jersey Turfgrass Hall of Fame Award in 1985, the Golf Course Superintendents Association of New Jersey Distinguished Award in 1989, the Sports Turf Manager's Harry Gill Award, and most recently, Sports Turf Man of the Year in 1999.

Dr. Indyk published in many journals and books and lectured internationally on the topic of turfgrass management. He provided leadership in Rutgers Cooperative Extension activities related to all facets of the turfgrass industry including: in-service training of county agents; writing of Extension publications;

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dissemination of turfgrass information through lectures, newspapers, radio, TV, and live demonstrations; organizing and conducting conferences and field days; and advisory assistance on turfgrass problems. He was an outstanding lecturer, and presented programs from coast to coast, most of which dealt with athletic field construction, establishment, maintenance, and renovation. His knowledge of soils and drainage components were key elements involved in these programs. He championed natural turfgrass over any other kind of playing surface. He believed that too many turfgrass maintenance staffs were practicing what he called, "an apprenticeship of folklore," instead of applying known scientific principles.

Dr. Indyk was a strong advocate for the certification of seeded turfgrass varieties, and initiated a sod certification program in New Jersey, the first of its kind in the United States. He was integral in developing the concept of modular and movable turfgrass playing surfaces. Notably, he served as a consultant in the re-construction of the Los Angeles Coliseum playing



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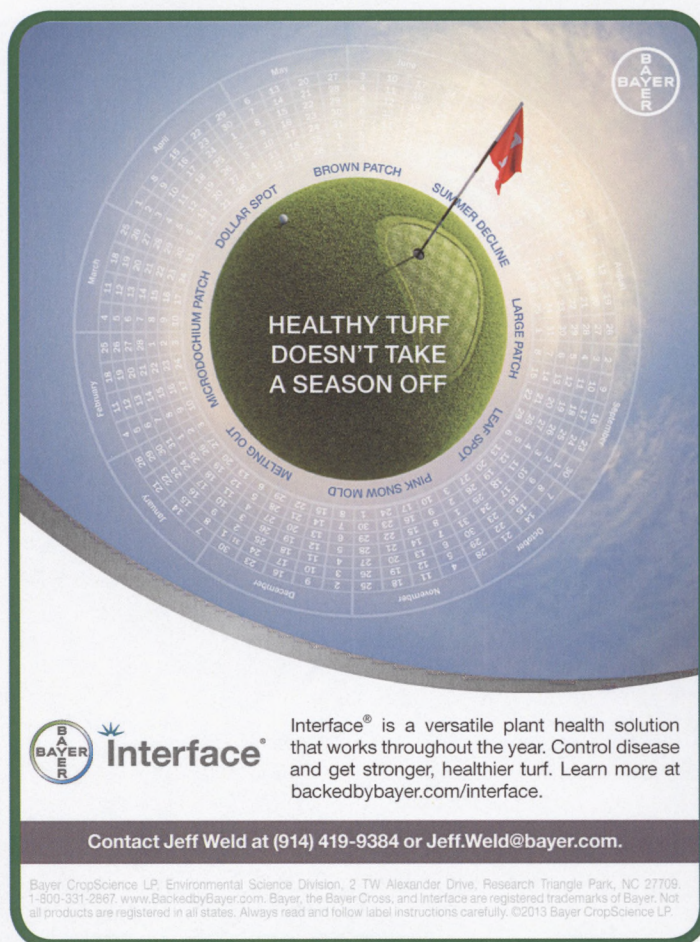
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Indyk Memorium,

continued from previous page

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field for the 1984 Olympics and home field of the Los Angeles Raiders. The turfgrass industry benefited from his expertise in many other ways.

Absolutely no one worked harder to promote excellence in all of his endeavors, and his work resulted in an elevated image of the turfgrass industry, in its various applications, and brought him great personal recognition.

It is difficult to describe what this one man's work has meant to the "world of natural grass." He had the love, the admiration, and the respect of all who had the honor and privilege of working with him. Five decades of professional experience in turfgrass management earned Dr. Indyk world-wide recognition.

He will be missed.



Dr. Henry Indyk (on the right in both pictures) assisting in athletic field inspections and renovations at the Adamsville School in Bridgewater in 2001. John Grande, Jim Murphy and Pedro Perdomo are also in the pictures.

Pictures courtesy of Nick Polanin, NJTA Board Director.



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The Rutgers Turfgrass Golf Classic

Turns Nineteen

by Shaun Barry, Chair

Since everyone who is reading this has turned nineteen already that title might not mean much. It is expected that this will happen to all of us on our journey through life. For a fundraiser however that number is pretty impressive. It is even more impressive when you are told that this event has gotten bigger and better each year. That is unusual.

Worthy events spring up every year and they often do great. Unfortunately in about 5 or 10 years down the road people's enthusiasm wanes and support is lost. I think what happens is another event surfaces supporting a great cause and we all know that everyone of us can only support a limited number of events.

Sometimes however an event like the *Rutgers Turfgrass Golf Classic* comes along and it becomes a "can't miss" event. What makes "The Classic" one of those events? That question has many answers and they all are needed for this to work.

1. Rutgers has the best cool-season turfgrass program in the world.
2. Rutgers has the best group of scientists in the world.
3. The top two turfgrass breeders in the world are at Rutgers.
4. Dr. Bruce Clarke and Dr. Bill Meyer are active supporters of The Classic. Without them this event would not have survived.
5. The support from the industry is unparalleled both as sponsors and participants.
6. The Executive Director for the NJTA and the GCSANJ, in conjunction with her staff and volunteers, work tirelessly to prepare for this event and make registration go so smoothly.
7. The planning committee is composed of people from every part of the industry and they work throughout the year on ways to improve the event. Nothing is left to chance.

8. Everyone in the industry recognizes the important work being done at Rutgers and they know that this work is critical to the success of their businesses. Helping Rutgers only helps yourself. That is a pretty simple concept and it explains the universal support exhibited by the industry.

Of course there are many other reasons for the success but these are the main drivers.

"The Classic" will be held on **May 5, 2014**, and once again it will be at Fiddler's Elbow. Please read over the brochure for all of the ways that you can help. There are several opportunities to sponsor teams. The Premier Level gives you 12 players, the Eagle Level gives you 8 players and the Birdie Level gives you 4 players. In all of these cases you also get your name prominently displayed on the course.

We also have Par Sponsors, foursomes and singles if you want to play and compete for prizes. If playing is not possible, consider a Hole sign. That helps immensely. You can also help by donating an item to the Silent Auction or by bidding on the items you find appealing and useful. There are several other ways to help and I hope it is something that you can do.

Remember that every single dollar that is raised at this fundraiser will go to The Center For Turfgrass Science.



Rutgers Turfgrass Research Golf Classic Registration

Complete form, mail or fax to (973)812-6529 to NJTF Office. Online: www.njturfgrass.org

Name: _____
 Company: _____
 Address: _____
 City, State, Zip: _____
 Phone: _____ Fax: _____
 E-mail for Confirmation: _____

Requested Foursome (Please Print Names):

1. _____ HdcP Index/Avg Score _____
 2. _____ HdcP Index/Avg Score _____
 3. _____ HdcP Index/Avg Score _____
 4. _____ HdcP Index/Avg Score _____

Select Sponsorships, Golf, Reception & Payment

- ☐ Premier @ \$7,500 * ☐ Eagle @ \$5,000* ☐ Birdie @ \$3,500*
☐ Golf Carts @ \$3,500 ☐ Par @ \$2,000* ☐ Hole @ \$500
☐ Golf Course Research @ \$200 ☐ Cocktail Reception Only @ \$100
☐ Individual (1) Golfer @ \$325*

* Full Registration or Sponsors with * Includes: Green Fees & Golf Cart, Breakfast, Research Update, Lunch on Course, Silent Auction, Cocktail Reception, Gift

Make Checks Payable to: NJTF (New Jersey Turfgrass Foundation)

NJTF Tax ID: 22-3270805

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Come Celebrate With Us!
Monday, May 5, 2014
19th Annual Rutgers Turfgrass Research Golf Classic
 Hosted by the **NEW JERSEY TURFGRASS FOUNDATION**
 Event at: Fiddler's Elbow Country Club
 811 Rattlesnake Bridge Road, Bedminster, NJ 07921
 Register online: www.njturfgrass.org

MANY THANKS to the 2013 PREMIER SPONSORS!





The Golf Classic Event - Monday, May 5, 2014

Rutgers University and the New Jersey Turfgrass Foundation represent a formidable alliance in support of the Turfgrass Industry in the State of New Jersey and across the country. The Foundation is a non-profit organization which accepts and manages tax-deductible monetary donations and the proceeds from events such as this Golf Classic.

Proceeds from the **Rutgers Turfgrass Research Golf Classic** will be used to provide Research Grants, Scholarships, Funds for Special Projects (e.g., a new Sand-Based Root Zone), Equipment, Supplies, and Facilities to support Turfgrass Research and Education at the School of Environmental and Biological Sciences/Rutgers, The State University of New Jersey.

Schedule of the Day

8:00 a.m. - 10:30 A.M.	Registration
8:30 a.m. - 9:30 a.m.	Breakfast for Premier Sponsors
	Breakfast for All
	Driving Range Open
8:30 a.m. - 5:00 P.M.	Silent Auction Hours
9:30 a.m. - 10:30 a.m.	Education Updates on Rutgers Research
11:00 a.m. to 4:00 p.m.	Golf Shotgun - Scramble format (Be on Carts by 10:45 AM)
	Lunch on the Course
4:00 p.m. to 5:00 p.m.	Cocktail Reception on Patio
5:00 P.M.	Silent Auction Closes & Golf Awards

Thanks to our 2013 Premier Sponsors

We are proud to thank these 2013 Premier Sponsors of the Eighteenth Annual Rutgers Turfgrass Research Golf Classic: **BASF, BAYER, Grass Roots, Landmark Turf & Native Seed, John Deere Golf/Finch Services/John Deere Landscapes, Lebanon Turf, Mountain View Seeds, ProSeeds Marketing/Alliance Seed, Storr Tractor Company, and Syngenta.**

The commitment of these Premier Sponsors to Rutgers University and the turfgrass industry is very much appreciated.

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The Golf Classic Event - May 5, 2014 How Sponsorship Will Help in 2014

Partial proceeds of this year's Golf Classic will be used to construct a new sand-based root zone in 2014 -- a total of 40,000 square feet at Hort Farm II for golf and sports field research. For more information on how to contribute to this fund, please contact Dr. Bruce Clarke at (848) 932-6295 or Dr. William Meyer at (908) 930-3562.

Sponsorship Opportunities

PREMIER SPONSOR - \$7,500

- Three Foursomes • Complimentary Golf on Sunday, May 4, 2014
- Recognition on NJTA website and in media releases • New Business Membership in NJTA
- Breakfast with Rutgers Center for Turfgrass Science Professors
- Display Product literature and Samples • Four (4) Complimentary 1/4 Pg Ads in 2014 Clippings
- Company name on Sponsor Banner & Signage • One Room Upgrade to Suite at Green Expo
- Listing on Sponsor Sign at Cocktail Reception • Tee or Green Sign - each course.

EAGLE SPONSOR - \$5,000

- Two Foursomes • Opportunity to Display Product Literature or Samples
- Company name on Sponsor Banner & Signage Recognition • Tee or Green Sign - each course.
- Listing on Sponsor Sign at Entrance to Cocktail Reception • Three (3) Additional Reception Tickets:

• Name 1 _____ • Name 2 _____
• Name 3 _____ • Name 4 _____

COCKTAIL RECEPTION SPONSOR - RESERVED - Mountain View Seeds

- One Foursome • Company Name on Sponsor Banner & Signage Recognition
- Listing on Sponsor Sign at Entrance to Cocktail Reception • Tee or Green Sign - each course.
- Four (4) Additional Cocktail Reception Tickets:

• Name 1 _____ • Name 2 _____
• Name 3 _____ • Name 4 _____

BIRDIE SPONSOR - \$3,500

- One Foursome • Company Name on Sponsor Banner & Signage Recognition
- Listing on Sponsor Sign at Entrance to Cocktail Reception • Tee or Green Sign - each course.
- Two (2) Addl Cocktail Reception Tickets • Name 1 _____

• Name 2 _____

NEW! GOLF CARTS SPONSOR - \$3,500

- One Foursome • Company Name on Sponsor Banner & Signage Recognition
- Listing on Sponsor Sign at Entrance to Cocktail Reception • Tee or Green Sign - each course.
- Two (2) Addl Cocktail Reception Tickets • Name 1 _____

• Name 2 _____

PAR SPONSOR - \$2,000

- One Foursome • Signage Recognition • Tee or Green Sign
- Listing on Sponsor Sign at Entrance to Cocktail Reception
- One (1) Additional Cocktail Reception Ticket • Name _____

HOLE SPONSOR - \$500

- Signage Recognition • One Ticket to Cocktail Reception • Name _____

GOLF COURSE RESEARCH SPONSOR - \$200

- Signage Recognition

Passing of DR. STEPHEN HART

On February 18th Stephen E. Hart passed away suddenly at his home in East Brunswick, NJ. Born April 9, 1964 to Laurence and Clare (Dukehart) Hart in Baltimore, MD, Stephen graduated from Salesianum High School in Wilmington, DE. He went on to earn a Bachelors degree and a Masters degree in Agronomy from the University of Maryland and a Doctoral degree in Weed Science from Michigan State University, specializing in field crops. After graduation, Stephen worked as a Research Biologist in the Herbicide Discovery Group at FMC for several years before joining the faculty at the University of Illinois where he conducted research, taught graduate and undergraduate courses, and assisted farmers in the area of chemical and cultural weed management of agronomic crops. **Stephen joined the faculty in the Dept. of Plant Biology and Pathology at Rutgers University in 1999 as an Extension Specialist in Turfgrass and Ornamental Weed Science.** He was a mentor to many graduate students, all of whom are now in respected positions in academia and private industry, taught an undergraduate class in Principles of Weed Science for many years, and had extension responsibilities in turf and ornamentals in New Jersey as well as field crops in Delaware.



Stephen was an avid follower of college football and loved to root for the Michigan State Spartans. He is survived by two brothers, David of New Freedom, PA. and Richard of Fredericksburg, VA, two nieces Laura Hart and Kaitlyn Hart, and two nephews Alex Hart and Michael Hart. A brother Laurence Jr. passed away in 2012. Donations in his memory can be sent to the Rutgers Foundation ("IMO Stephen Hart – Turf Weed Sci. Program" in the memo section of the check) c/o Dr. Bruce Clarke, Dept. of Plant Biology and Pathology, Rutgers University, 59 Dudley Rd, Foran Hall, New Brunswick, NJ 08901.



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Thanks
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continued
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New Jersey
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appreciated.

CALENDAR

2014 Event Dates

Monday

May 5, 2014

**Rutgers Turfgrass Research
Golf Classic**

*Fiddler's Elbow Country Club
Bedminster NJ*

Tuesday & Wednesday

July 29 & 30, 2014

**Rutgers Turfgrass Research
Field Days**

Tuesday: Hort Farm II
North Brunswick NJ

Wednesday: Hort Farm II
North Brunswick NJ

**NOTE: Due to construction at
Adelphia Farm,
Wednesday will be held at Hort Farm II.**

Tuesday - Thursday

December 9-11, 2014

GREEN EXPO

Turf & Landscape Conference

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RCE of Warren County	(908) 475-6505

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- 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.

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