



THE GREENERSIDE

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April 19, 2012

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Courtesy of
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Welcome New GCSANJ Members!

- John Kadafer, Class C, Cherry Valley Country Club
Andre Dumas, Class AF, Andre & Son, Inc.
Michael Hughes, Class C, High Bridge Hills Golf Club
Ryan Dougherty, Class SM, Hawk Pointe Golf Club
Paul Ramina, Class A, Hamilton Farm Golf Club
James B. Jones, Class SM, Hamilton Farm Golf Club
Oscar Bucaro, Class SM, Rivervale Country Club
Courtney Kling, Class Associate, Hominy Hill Golf Course
Brett Scales, Class SM, Navesink Country Club
Scott Stark, Class C, Due Process Stable
Charles McMonagle, Class C, Knickerbocker CC
Nicholas Miloscia, Class ST, Rutgers University
Joshua Reiger, Class A, Spring Lake Golf Club

President's Message

Paul Dotti, Arcola Country Club



As I write this on March 1st, it looks like the worst snow of this winter was the freak snow storm we got last October.

Since then, we have had a few cold stretches, but for the most part the temps have been way above normal. In January and February when we are normally recharging our batteries we have all been quite busy getting things done on the golf course that normally would have had to wait until spring, but it is a blessing that it will be less things we will have to do when we are already busy in April. Unfortunately, many of us need a break from doing all these projects with skeleton crews and golfers out playing. Heading into December, I never thought my greens would be open almost all winter, I would have topdressed greens 3-4 times, sprayed them an additional 3 times with nutrients and would have been moving tee markers, doing divots and changing cups. A year ago, we were all deciding if we should clean the snow off our greens since they were snow covered since Christmas. For many clubs, they were faced with trying to grow out ice damaged greens all spring. We do not have to worry about that this year but I can only imagine what is in store for us in the coming months and hopefully we will all be prepared and well rested. Hopefully many of you were able to attend the GIS in Las Vegas, the last hurrah to get away for an extended period of time before the season gets going.

Let's not forget that we all must become Certified Fertilizer Applicators this coming spring. We are all supposed to be certified before our first applications of the year, so get online and go through the training and then take the exam.

Our first golf meeting of the year will be in April at Ballamoer GC and it is our joint meeting with Philly. I played in it last year at Hidden Creek and had a great time and the GCSANJ actually retained the cup for another year. Hopefully you can get away from the course for a day and come and support the GCSANJ. That will be followed by the Rutgers Turfgrass Classic in May at Fiddlers Elbow and this is such a great event that is always well attended and is for a great cause. Make sure to go to our website and check the events calendar to see what we have in store for the coming year as our committees have been working hard to offer you many educational and social opportunities. Have a great 2012 and hope to see you at our events.

From Your Exec Director

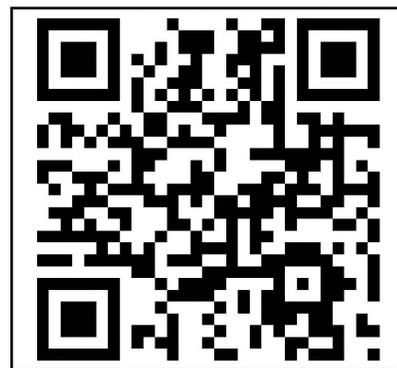
Cece Peabody, MAT, CMP
Executive Director



There's nothing better (well, playing a round of golf may be better), than networking with peers and seeing new perspectives. I was able to do this when I attended the Golf Industry Show in Las Vegas in February. Not only did I walk around the amazing trade show floor and see the latest and greatest products and greet so many, but I spent one day with other chapter executives -- sharing best practices, listening to presentations to grow the chapter, and hearing new ideas from other executives on running their chapters.

One of the takeaways was learning about **QR codes**. A QR code (meaning a Quick Response code) is a two-dimensional bar code -- black modules arranged in a square pattern on a white background. Once you scan the code, it will take you some where, and most of the time to a company's website. I decided this could be fun so I downloaded a barcode scanner app on my smartphone (google **Barcode Scanner by ZXing Team** or another of your choice). Then I created a QR code that links to our website. You can create your own QR code at this website: <http://qrcode.kaywa.com>. Wha-la...

Here are the results:.



Get the barcode scanner app if you don't already have one, then scan the QR code above, and it should take you to the www.gcsanj.org website. Let me know if this works for you! What a great idea for newsletters, blogs, facebook pages. I'm sure there are plenty more ideas too. Enjoy your newly learned information.

"What is success in this world? I would say it consists of four simple things — to live a lot, to love a lot, to laugh a lot, and from it all, to learn a lot."

--Richard J. Needham

GCSANJ Represented in Las Vegas

February 27 - March 2, 2012

by Jim Cadott

The 2012 GIS in Las Vegas this past February/March provided all attendees with everything you would want in a national show. Top notch education, product displays, vendor networking, and entertainment were all readily available for the taking. And those who participated in the GCSAA Golf Championship were rewarded with beautiful weather and outstanding courses in Palm Springs.

Once again, with the national spotlight on, the GCSANJ made its presence known in Las Vegas. In golf, Ryan Oliver took home some very well earned crystal (see related article). John O'Keefe continues to climb the ladder towards the GCSAA executive board as he will serve another term as director. The GCSANJ Foundation presented another donation check to the EIFG, and afterwards was applauded by GCSAA CEO Rhett Evans who "wished that more chapters would do what New Jersey is doing."

Whether you traveled solo, or with your spouse, it seemed that as soon as you got off the plane that Vegas was something different; an adult Disney World I believe it has been called. Maybe it was the slot machines right next to the baggage carousel that tipped you off. Either way, Vegas seems to have something for everyone.

The education seminars began on Monday and drew sold out attendance throughout the week. As creative and informative as you will find anywhere in the world, these seminars are a great way to inform your golf club superiors on the importance of the GIS. Even with the explosion of the internet, listening and networking one on one with colleagues during and after a seminar is something you can not obtain from a twenty inch monitor.

The floor show seemed to achieve what it needed to achieve. Strong attendance and vendor/customer interaction could be seen from one end to the other. The GCSAA is fully aware that large floor shows are struggling and that these economic times will reduce both vendor and attendee participation. A realistic view must be taken by not fudging any attendance numbers and just making the floor show portion of the GIS the best it can be, no matter the size.

The GCSANJ hosted a hospitality party at the Riviera Poolside Café on Wednesday evening, and about 100 people attended. Although the night turned a little cool, good camaraderie, libations, and good food made it all a very successful night. Hopefully all that attended had a good time as the GCSANJ hosted this event exclusively for our members to say "thank you" for representing New Jersey so well at the GIS.

In between classes, meetings, and the floor show, a great way to relax was to simply take a stroll down the strip and check out the heart of Las Vegas. With the mega casinos, came everything from incredible restaurants, elegant shopping, entertainment venues, and even wildlife (animals in theme parks). And this was during the day!! At night, Vegas turns into Times Square on steroids. Just watching the fountains at the Bellagio was amazing. There was definitely something for everybody, and you begin to realize why the famous Vegas slogan is "what happens in Vegas, stays in Vegas".



...continued on page 6

GCSANJ in Vegas...

The one event that really made the GIS worthwhile was the Thursday morning session that featured David Feherty as keynote speaker. Lance Rogers and Bill Murray were fortunate enough to attend the private party before the event, and then escorted to reserved seating a few rows from the stage. They knew that this was going to be a special performance, but they did not realize that Feherty would entertain the standing room only crowd for one and half hours. I was fortunate to be seated with Bill and Lance, and I do not think that I will ever forget the range of emotions brought out by the stories that framed Feherty's life. He did not gush over the GCSAA or our profession, but instead told you about things that made you really think about your career and how it affects your entire life, especially your family. After listening to Feherty, you came away with a feeling that this guy knows how to have fun, make people laugh, and how to love your country. Feherty was an excellent choice by the GCSAA to speak this year and was definitely the highlight of the GIS.

If you were able to tour outside the city, hopefully you traveled to the Hoover Dam, which was only 40 minutes away. The Hoover Dam is even more mind blowing when you see it in person. Taking the tour and going down into the dam is well worth the price to see how the dam was really built and why. The top of the dam sits 728 feet above the Colorado River, and there is now a new bridge that connects Nevada and Arizona that spans the river approximately a quarter mile away. This bridge is approximately 300 feet higher the dam. And yes, you could walk over the bridge! And no, I did not do that!!

Back in Vegas, the biggest headline act of the week was definitely Garth Brooks, who plays at The Wynn Encore once or twice a month. Never seeing Garth live, I was talked into buying a ticket by none other than the "cowboy" himself, Lance. So, on Friday night it was Lance, Bill, Shaun Barry, and my wife and I heading over to Wynn not knowing what kind of show it would be. Not surprisingly, we were treated to a solo acoustic act that was definitely Garth Books at his best. And as per Steve Wynn, the theatre was small and intimate, insuring a great seat and great sound for everybody. It was definitely worth the price of admission watching Shaun sing "friends in low places" with Bill on one side and Lance on the other!

The 2012 GIS was an educational, informative, entertaining, networking success, and if you took advantage of everything Vegas had to offer you definitely went home with a smile on your face. See you in San Diego next year!

Ryan Oliver Leads the GCSANJ in the Desert

by Shaun Barry

Through the years our association has seen many of its members compete on the national scene against some of the best golfers in the country. I don't say that lightly because several of the GCSAA members have handicaps that are in the category of a scratch player. When you look at all of the handicaps of American golfers very few are actually that low. These are seriously good players.

This year at the GCSAA National Championship & Golf Classic we only had 11 members entered. We unfortunately did not have anyone who actually did play in the Championship competition but our former member, Tom Ashfield, was there and he finished in a very



respectable tie for 30th. The courses were hard, the rough was thick, the greens were firm and the pins were tucked.... just the conditions you would expect at the Championship. These conditions were the same for all of the courses and it made things a little tough for anyone whose handicap was north of a 4.

As you read in the title of this article, **Ryan Oliver** was the star of our group. He competed in *Classic II Gross and Net* and he did something that doesn't happen very often. He won both events. Bob Prickett won a few years ago with a gross score that was even better than the Championship winner but even he did not win both net and gross. Ryan won the Net by a point and it appears that he won the Gross on a match of cards. That is an amazing achievement and according to my "fuzzy" math I believe that gives the GCSANJ 2 national titles. I doubt that any other association can claim that honor. OK we didn't actually do anything. It was all Ryan but I know he is happy to share his accomplishment even though this quiet young man had

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Ryan Oliver Leads in the Desert...continued

“forgotten” to share his victory at the club. The first anybody at Metedeconk heard about his win was when I showed-up at the course to take a photo of him with his plaque. He had to go home to get that plaque..... It was a great win but to him his family and the course were the things he is most proud of and that may explain why good things do occasionally happen to good people.

In addition to Ryan`s wins we had some other great stories. **Dan Kilpatrick** tied for 4th in his division and **Dave Dudones** partnered with **Jim Swiatlowski** for a tie for 4th in 4 Ball II Net. Great play gentlemen. I know conditions were tough but you competed hard and the results show.

Below are all of the scores from our members who made the first page on the scoreboard:

Four Ball I Net:
Minemier/Prickett- T9

Four Ball I Gross.
Minemier/Prickett- T17

Four Ball II Net:
Dudones/Swiatlowski- T4

Four Ball II Gross:
Dudones/Swiatlowski- T6

Classic II Net:
Ryan Oliver-1
Bob Prickett- T7
Jim Swiatlowski- 29

Classic II Gross:
Ryan Oliver- 1
Bob Prickett-T12
Todd Raisch- T14
Jim Swiatlowski- T19

Classic III Net:
Jeff Wetterling-11
James Devaney-T18
Dave Dudones- T20
William Devers- T26

Classic III Gross:
Jeff Wetterling- T7
James Devaney- T15
Dave Dudones- T15

Classic IV Net:
Dan Kilpatrick- T4
Mark Kuhns- T12
John O`Keefe- T29

Classic IV Gross:
Dan Kilpatrick- T10
Mark Kuhns- T14

Classic SR II Gross:
Steve Cadenelli- T23

*Congratulations
to everyone who won
and who competed!*

*Maybe next year we will have
a few more people
representing GCSANJ
and maybe they will enjoy
the thrill of victory
on a national level!*



GCSANJ Hospitality in Vegas!



GCSANJ Gives Back to its Members



GCSANJ Hospitality in Vegas!



 *GCSANJ Gives Back to its Members*

2012 CALENDAR

Check calendar for updates and signup info.

www.gcsanj.org

April 19 - Thursday

Joint Meeting with Philadelphia GCSA
Ballamor Country Club , Egg Harbor Twnship, NJ

April 27 - Friday

Rally for Ali Golf Tournament
Pebble Creek Golf Club , Colts Neck, NJ

May 7 - Monday

Rutgers Turfgrass Research Golf Classic
Fiddlers Elbow Country Club , Bedminster, NJ

May 24 - Thursday

Chapter Golf Event
Forest Hill Field Club, Bloomfield, NJ

July 31 - Tuesday

Rutgers Turfgrass Research Field Day -
Golf & Fine Turf
Hort Farm II , New Brunswick NJ

August 1 - Wednesday

Rutgers Turfgrass Research Field Day -
Lawn, Landscape, and Sports Turf
Adelphia Farm , Freehold NJ

August 16 - Thursday

District III Golf Event
Toms River Country Club , Toms River, NJ

December 4-6, 2012

37th Annual Green Expo**
Taj Mahal Casino Resort Hotel,
Atlantic City, NJ

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Brian Gjelsvik (973) 670.7139
Brian Bontemps (845) 239.7959

Egg Harbor, NJ

1617 Mays Landing Road
Egg Harbor Township, NJ 08234
Phone: (609) 653.6900
Fax: (609) 926.4531

Lance Seeton (609) 471.6797
Golf Course Representative:
Bill Cimochowksi (609) 923.4045

Warminster, PA

620 Louis Drive
Warminster, PA 18974
Phone: (215) 355.5655
Fax: (215) 420.7387

Golf Course Representatives:
Michael Linkewich (267) 688.8900
Steve Rudich (610) 349.9519

So Much for Four Seasons

by Adam Moeller, USGA

“Ah, tee it up!” The infamous line from the movie *Tin Cup* seems fitting at this point in the 2012 golf season. If you remember the movie, Roy McAvoy (played by Kevin Costner) was rushing to the 1st after a unique US Open preparation strategy the night before when he asks the official championship starter “Time for a quick bucket?”, only to receive the quick-witted denial. This rushed feeling is what many superintendents are feeling in response to the early spring weather as golf course preparations for the season spring into action.

Above average winter temperatures with minimal snowfall (aside from the unusual late October storm) was quite a change from the past two winters. Golf activity always parallels the weather and the mild conditions allowed many facilities to remain somewhat active. Even more surprising are the very warm early spring conditions, with many areas being roughly three weeks ahead of last year with forsythia bloom and soil temperatures. The weather has finally been in our favor! Golf rounds are up at most facilities which is good for their bottom line, especially considering many ending 2011 with abysmal margins given lack of play last fall due to excessive rainfall and hurricane damage. For some facilities, this warm weather has dramatically improved their financial stability and prevented them from closing their doors permanently. The increase in revenue at many courses is certainly a great thing but the jump start to the golf season has some hidden downsides that need to be addressed.

Many superintendents reaped the benefits of the mild winter by undertaking infrastructure improvements (e.g. drainage installations) and/or course improvements (e.g. adding teeing grounds). Virtually every superintendent was busy with tree debris cleanup following the heavy snowfall at the end of October. The tree damage, forcing removals and significant pruning in many instances, will benefit the golf course turf. Unfortunately, it likely caused many to exceed the tree management budget significantly last year. It is worth mentioning, though, that many courses that were keeping up with annual pruning had less damage and thus required less cleanup. A classic pay me now or pay me later scenario. Nonetheless, we start the 2012 season with less shade than 2011 which is a good thing.

Active winter golfers were out in full force this year which had some financial benefits as mentioned above. However, winter play on putting green turf is never good agronomically. The damage potential is very hard to quantify and explain but traffic on turf that is not growing will thin density at some point. The classic comment “how much damage could a few groups really do” is tough to address, especially if winter play has been historically acceptable at your facility. If we think about a grass football field and why it declines as the NFL season progresses it becomes clear. The grass declines because it cannot outgrow the amount of traffic it experiences. The same is true for putting greens that are trafficked in winter. Although the damage may not be as visible, traffic on putting greens in the winter has no benefit and can easily

lead to turf thinning and bumpy surfaces. Winter play is a course decision, but the argument is valid for all golf facilities. Hopefully a little extra nitrogen fertility and topdressing to smooth out bumpy surfaces that were trafficked are the only immediate adjustments needed if the putting greens were in play all winter.

Another challenge to the early start to the season is preparing the golf course with limited staff. The golf season is so far ahead of schedule and many superintendents are still a few weeks away from their normal seasonal

staffing levels. Labor is the largest line item in the budget and in tight economic times, bringing seasonal employees back early could make it very challenging to stay within the approved operating budget as the season progresses. Thankfully it has been relatively dry and excessive turf growth requiring frequent mowing of fairways and rough has not been a problem.

The early spring could equate to a longer period to build a root system before summer, a great benefit. However, root production is directly related to mowing height and the pressure to produce mid-season conditions is already developing at some facilities, causing superintendents to lower the mowing height. If you mow at ultra-low heights, the gains in rooting could be lost! Focus on putting green smoothness and firmness with grooming, light verticutting, rolling and topdressing instead.

The weather has finally been in our favor... or has it?

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So Much for Four Seasons...continued

Pest management programs will also require adjustments and cost more than years past. Pre-emergent herbicides used to suppress summer annual grassy weeds (e.g. crabgrass and goosegrass) will need to be applied earlier than normal because warm soil temperatures and plant indicators (e.g. forsythia bloom), proven times for optimal control, are well ahead of schedule. This could lead to weed breakthrough later in the season if the herbicide residuals are depleted. Split pre-emergent applications or additional post-emergent control may be necessary.

The annual bluegrass weevil, a tiny, yet devastating turf insect, also is more active as spring weather warms. This insect has become active already in many areas which will add to the challenge of preventing this pest from damaging golf course turf. More applications are likely necessary and we could see more generations than usual. Thankfully, the warm weather has been consistently warm (i.e. absent of hard frosts and cold stretches) so adult activity has probably been consistent as well, perhaps improving insecticide application timing accuracy.

Many disease prevention programs also will require adjustments, especially for pathogen control that is implemented based on soil temperature (e.g. summer patch, fairy ring, Waitea patch). This means many will need to make applications earlier, which has significant financial implications. For instance, summer patch disease prevention in most situations requires control from mid-May through August, usually 3-4 applications in New Jersey if you apply on 28 day intervals. This year, disease control may be necessary for an additional month. Other turf diseases may become active earlier as well, extending the need for fungicide applications, which will add significant costs for the operation.

Earlier than normal maintenance may also mean earlier than normal impacts on the turf and budget. Regular mowing and other maintenance programs cost money. Enjoy the additional early season revenue, but remember the potential impacts that this may have on your maintenance budget!

Golf courses are busy and that is a great thing! Just remember that with all the benefits of the early spring warm weather, there are some golf course maintenance practices that need to be examined and may require adjustments. Of these, a lack of early season maintenance staff is the most important and if labor is low, golfer patience is even more important.

Many superintendents are working hard with limited staff to prepare the golf course for the large amount of golfers that are taking advantage of the early spring weather.



Combined with monitoring soil temperatures, forsythia bloom is a common plant indicator for turf manager's to apply pre-emergent herbicides for crabgrass prevention. Forsythia has been blooming in many areas two to three weeks earlier than usual.



Annual bluegrass weevil activity has been earlier than normal and could be a sign of a challenging season for preventing turf damage from this pest.



Golf courses throughout the area have started mowing fairways two to three weeks earlier than scheduled. This will have a big impact on the operating budget due to unexpected fuel usage and man hours.



Spring Education Seminar in 2012

Tuesday, March 6, 2012

by Gary Arlio

On Tuesday March 6th, 2012, GCSANJ held their annual Spring Education Seminar at Royce Brook Country Club in Hillsborough, New Jersey. **John Alexander** and his staff served as wonderful hosts for the over 140 attendees.

The day's festivities were started with **Dr. Bingru Huang**, from Rutgers University, giving an informative lecture on the benefits of developing a good root system. The dry, warm weather of the early season has made her recommendations and tips on cultural practices even more important.

Pat Jones, of Golf Course Industry Magazine, was the next speaker to take to the podium and he did not disappoint. He began his presentation discussing the "state" of the game, in today's environment, and where it might be headed in the future. His talk was both informative and insightful as he covered a wide array of issues, while interjecting some entertaining personal stories. The second part of his lecture dealt with the new technology available to superintendents in the form of social media. It provided a nice segue into the panel discussion that followed.

The panel discussion for the day was hosted by two of our own, **Frank Tichenor**, of Forest Hill Field Club, and **Tyler Otero**, of Trump National Golf Club Colts Neck. Both of these gentleman provided the day's attendees with knowledgeable tips on how they interact with their members with the use of blogging and tweeting.

After everyone enjoyed a fantastic lunch, **Dr. James Murphy** provided all in attendance an informative presentation concerning the State of New Jersey's requirement that we all become certified Fertilizer Applicators. Dr. Murphy was able to highlight all of the important issues regarding this process, while answering any concerns those in attendance might have had.

The GCSANJ would like to thank all who attended the meeting for their support, and we would also like to give a special thanks to the entire staff of Royce Brook Country Club, who made our day a wonderful success. I would also like to personally thank the members of the education committee: **Les Carpenter, Paul Dotti, Keith Kubik, Mike Brunelle** and our Executive Director Cece, whose hard work would not have made this day as successful as it was.

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

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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.

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Spring Seminar



Spring Seminar



A Protein Boost for Disease-Resistant Turf

In many respects, turf is no different than the human body. If you exercise, eat right and get enough sleep, chances are that your immune system will be in a better position to fend off disease and handle the everyday stresses of life.

For turf, ever-changing weather conditions, the seasonal onslaught of various pathogens, and daily compaction from machinery and foot traffic can reduce overall quality and the ability to fight disease.

Now, because of a new approach by Syngenta, Daconil Action™ fungicide, superintendents have a new tool to help keep stresses away from your turf.

Though many factors obviously contribute to overall turf health, it's a well-accepted fact that maintaining healthy protein levels is one of the key building blocks of disease resistance.

In August 2011, Syngenta unveiled Daconil Action, a new approach to boosting protein levels in turf and, as a result, helping it to resist fungus and other diseases. This product combines the proven disease control of Daconil® fungicide with a protein boost from acibenzolar-S-methyl (also known as acibenzolar).

“The acibenzolar in Daconil Action bridges the gap between genetic resistance and conventional disease control. It has systemic properties that help it to uniformly distribute through the plant to trigger natural disease defense mechanisms,” said According to Mike Agnew, PhD, technical manager for Syngenta.

“The end result is turf that not only stands up to diseases and stress better, it also provides a more durable playing surface. This is great news for superintendents and golfers alike,” he added.

The unique properties of acibenzolar enhances disease control and improves turf quality. Acibenzolar provides a boost of pathogenesis-related proteins that activate turf's natural defense mechanisms and helps it combat stress resulting from environmental, mechanical and disease pressures.

Acibenzolar is not a fungicide. It belongs to a product category called Host Plant Defense Induction. Once absorbed by turf, acibenzolar stimulates a natural defense response or the Systemic Acquired Resistance (SAR) by activating the production of PR proteins.

SAR inducers mimic chemical signals in plants that activate their defense mechanisms, such as the production of thicker cell walls and anti-fungal proteins. The SAR effect can reduce disease infection, but it's often not enough to prevent a fungus from getting the upper hand. That's where the protein boost comes into the picture.

The PR protein boost awakens turf's resistance to biotic and abiotic stresses like drought. This internal response within the plant increases photosynthetic capacity and enhances its own defense system against certain fungal and bacterial disease attacks like dollar spot, anthracnose, brown patch, gray leaf spot, stem rust, yellow patch, Pythium blight* and bacterial wilt*.

According to Agnew, “The bottom line is this: Countless superintendents have long trusted and relied on the effectiveness of Daconil to prevent and fight turf diseases. Adding a protein boost to the mix it helps give them peace of mind that the turf under their care will be healthier, more durable, and resistant to everyday stresses.” ¶

The above is an “advertorial” from Syngenta. This is one of the benefits of the GreenerSide Media Package -- submitting an article for taking a full page ad in all 4 issues of the GreenerSide. GreenerSide Editor approved this advertorial.



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Tier IV and You

by Lou Bosco, Turf Equipment & Supply Company

In 1999, the Environmental Protection Agency began implementing new emission requirements for off-road diesel engines between 25 and 74 hp. The changes since then have occurred in stepped “Tiers” and, while perhaps not noticeable to end consumers, have become progressively more stringent. The final stage of the regulation – Tier IV – will become effective January 1, 2013, will represent the most drastic change to date, and will certainly be noticeable to all of us in the industry.

The new Tier 4 regulations will target a 90% reduction of PM (particulate matter) and NOx (Nitrogen Oxides) in diesel engines 25 – 74hp. To meet the standard, both engine and equipment manufacturers will need to invest significant resources in redesigning the affected products. The actual emission standards will be achieved through the use of exhaust after-treatment technologies similar to those already in place for diesel highway engines. Beyond this, however, the new systems will likely require additional mechanical and electrical changes including more electronic controllers and changes to the cooling system.

Why do you need to know this? The implementation of Tier IV will affect everyone involved in the Golf industry no matter what side of the fence you are on. Primarily, after January 1, 2013, turf equipment with compliant diesel engines in the 25 – 74 hp range can expect a price increase between 10 and 20% - no matter what brand make or model you work with. In this already trying economy, this is an issue that will require your immediate attention.

Additionally, the change in technology will likely be accompanied by more sophisticated service and maintenance procedures.

The good news, in addition to cleaner air for our environment, is that you have options – provided you act now! Putting a proactive acquisition plan together now could save your organization significant dollars in the coming years.

Below are a few strategies to consider:

- If you are planning to purchase any products in the 25-74 hp range in 2013 (this may include mowers, utility vehicles, cultivation equipment, sprayers, blowers, etc.), you may want to consider moving that purchase up to 2012 and avoid the price increase.
- Similarly, you may want to flip-flop your existing schedule - move affected products into 2012 and delayed unaffected products to 2013. For example, if you're

planning to buy a 35 hp large area rotary mower in 2013 and some smaller zero turn riders under 25 hp in 2012, it may make sense to flip-flop the order of these purchases.

- With budgets being limited these days, another source of equipment could be the pre-owned equipment arena.

- Finally, explore the possibilities of alternative energy solutions other than diesel (gas, hybrid, other). While the feasibility and economics of these solutions at higher horsepower remains to be seen, the new standard on diesel equipment could invigorate development of these technologies.

The other good news in this story is your existing fleet of equipment is grandfathered in to the new regulations. You will NOT be required to retro-fit any equipment purchased prior to the implementation date of January 1, 2013.

The time to act on this information is NOW – before your 2012 budgets are set in stone. Making Tier 4 and its ramifications known at all levels of your organization will not only help you make the best equipment decisions to meet your needs, it will also help you be the best economic steward for your budgeted money in 2012 and 2013!

We hope you have found this information educational and actionable. If you would like additional information, a simple Google search of “EPA Tier 4 Emission Standards” will give you plenty more to consider!





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impulse™ 4-0-0, 74% Amino Acid & SA	6 oz	2.0 Gal
FloThru™ Plus	3 oz	1.0 Gal
Phosphite 30, 0-0-27	3 oz	1.0 Gal
AdamsEarth® Biostimulant	3 oz	1.0 Gal
Manganese 5% Glucoheptonate Chelate	3 oz	1.0 Gal
pHusion Organic Acid	6 oz	2.0 Gal

Nutrients per Application	Nitrogen	Phosphate	Potassium	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Manganese	Zinc	Humic Acid	Carbohydrate	Amino Acids
Lbs per 1,000	0.096	0.010	0.112	0.005	0.024	0.022	0.0003	0.0002	0.0005	0.0129	0.0002	0.026	0.102	0.438

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GCSAA Names Kevin Doyle Northeast Staff

The Golf Course Superintendents Association of America (GCSAA) has selected **Kevin Doyle** as the association's field staff representative for the Northeast region (New Jersey, New York, Connecticut, Rhode Island, Massachusetts, Maine, New Hampshire, Vermont, and Ontario) effective March 13. He will be based out of Milford, N.H.



Doyle, a GCSAA Class A member, comes to GCSAA after having served as golf course superintendent at Londonderry (N.H.) Country Club since 2003. During his time, he instituted several facility changes including drainage, design and grow-in of new golf holes and tees, irrigation improvements, and

development of best management practices for minimizing inputs. He also served as superintendent at Amherst (N.H.) Country Club and was an assistant at Green Meadow Golf Club in Hudson, N.Y.

A graduate of the University of Massachusetts, Amherst in 1995 with a B.S. in biochemistry, Doyle also earned a master's in business administration from Southern New Hampshire University in 2010. He has authored articles in various trade magazines, including GCSAA's GCM (Doing More with Less: a Statistical Analysis of fertilizer costs, December 2011). Doyle has also volunteered as the facilities director and facilities expansion chair for the Milford Community Athletic Association, the Lowell Professional Hockey Booster Club president and a coach for Kids in Disability Sports (golf).

"We are pleased to have Kevin join the GCSAA team and continue the implementation of the very popular field staff program," said GCSAA President Sandy Queen, CGCS. "Kevin has an impressive background with a great knowledge and understanding of facility management, volunteerism and professional development. He will be a great asset to GCSAA, and our members and chapters in the Northeast."

To assist in the effort of serving members through chapters, GCSAA has continually added resources to facilitate an enhanced relationship between the association and its chapters, including the expansion of the GCSAA field staff program. Initially a pilot program designed to help chapters utilize GCSAA programs and services to a fuller extent, it has received overwhelmingly positive feedback from chapters that are staffed with representatives. These chapters report a greater connection with GCSAA, an enhanced ability to utilize GCSAA programs and services, and access to additional resources to advance chapters in a strategic manner.

In expanding the field staff program, GCSAA divided its chapters into nine regions with plans to place a field staff representative in each. Having resident field staff resources on the ground will help chapters implement programs developed by GCSAA, and will serve as a direct communication link back to GCSAA to share the successful practices chapters have implemented. The program is designed to be mutually beneficial for the association and its chapters.

GCSAA's resident field staff representatives include John Miller, CGCS, in the Great Lakes Region (Kentucky, Wisconsin, Michigan, Illinois, Indiana, Ohio), Brian Cloud in the South Central Region (Texas, Oklahoma, Arkansas, New Mexico and Louisiana), Jeff Jensen in the Southwest region of the country (California, Hawaii, Nevada and Arizona), and Ralph Dain in Florida. GCSAA plans to fill the Northwest (Alaska, Washington, Oregon, Idaho, Utah, Wyoming, Montana, Colorado), the Southeast (Tennessee, North Carolina, South Carolina, Georgia, Alabama, Mississippi) and Mid-Atlantic (Pennsylvania, West Virginia, Delaware, New Jersey, Virginia) regions later in 2012; and the Central Plains region (Kansas, Nebraska, Iowa, South Dakota, North Dakota, Minnesota, Missouri) in 2013.

GCSAA is a leading golf organization and has as its focus golf course management. Since 1926, GCSAA has been the top professional association for the men and women who manage golf courses in the United States and worldwide. From its headquarters in Lawrence, Kan., the association provides education, information and representation to 19,000 members in more than 72 countries. GCSAA's mission is to serve its members, advance their profession and enhance the enjoyment, growth and vitality of the game of golf. Find GCSAA on Facebook, follow GCSAA on Twitter, and visit GCSAA at www.gcsaa.org. The EIFG is the philanthropic organization of the Golf Course Superintendents Association of America, and has as its mission to foster sustainability through research, awareness, education, programs and scholarships for the benefit of golf course management professionals, golf facilities and the game. Visit www.eifg.org.

Scholarship Application on Website

The GCSANJ Scholarship application form is on our Scholarship page.

www.gcsanj.org/scholarship-application.php

Eligibility Requirements:

- (1) Any child of a GCSANJ member OR
- (2) Any member of GCSANJ in a turfgrass program, either 2 year or 4 year or graduate class.

These scholarships are for GCSANJ members or their children only.

Each application will be evaluated based on the following criteria:

- Academics, • Extra-Curricular Activities, • Essay and
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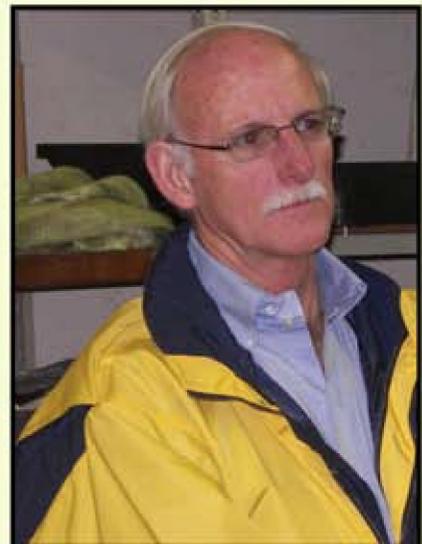
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Trump National Golf Club Philadelphia

The GCSANJ Foundation Stays Active

by Shaun Barry

The most visible example of your foundation at work was seen in Las Vegas during the GCSAA National Convention. It was here that a “big” check was presented to Rhett Evans in the amount of \$3,500. It was a photo-op and the actual small check in the same amount was given to Mischia Wright from the EIFG, to help fund their research projects that will help all of us in the long run. If the EIFG stopped funding research, we would have to find someone else who needed research funding. That would be a tough decision because this money reflects half of the profits from the foundation-run RTJ Tournament and the RTJ has always been supportive of the GCSAA Foundation/EIFG. This relationship has been going on for 23 years and because of Metedeconk’s generosity through the early years, over \$600,000 has been donated. Times have changed and it is not possible to raise the same massive amounts of money seen in the first 10 years. We however are still committed to trying to make this as successful as possible. We need more sponsors and more clubs bringing their own teams. Once the date is firmed-up (Oct 11, 2012 is tentative), please mark that date on your calendar and come help us raise funds while you are having a memorable day on a great course that is now set-up to be fun to play.

With foundation support behind him, Dave Pease has reached out for help supporting his Rally For Ali Tournament. His 34 year old daughter has needed surgery for cancer. Having lost her job and her insurance, life got very dark very quickly. Dave has never been shy and he went into action. He met with Jim Cadott and Pebble Creek GC found a date for a tournament. He spoke to Lance Rogers and a beautiful brochure magically appeared. With these as a start, he reached out to his circle of family and friends and everyone responded. 5 weeks before the April 27th date the event was filled. The course couldn’t take any more golfers and teams had to be turned away. Sponsors have been amazing and they are still coming in and probably will do so even after the event is over. Fran Owsik was so moved that he is hosting a satellite Rally For Ali on May 3rd. He and Lakewood CC just wanted to do something to help. If you get the chance, give him a call because there are still some spots left for additional teams.

The foundation’s Super 50/50 winners will be picked on April 20th at Bar Anticipation in Belmar at 5:00 pm. The actual drawing will be filmed in an attempt to document the winners. There will be one winner who will take away 40% of the money raised and the second winner gets 10%. There are many tickets available so take a chance and if you are in the area please stop in and be part of the fun.

In addition to these functions, we will still be funding the GCSANJ Scholarships. They are open to any child of a GCSANJ member. They are not easy to win, but they are worth the effort. They require each student’s best effort. Last year we had 4 very strong applications that would have qualified on any other year, but limited funds have caused there to be limited winners and these students did not win. The foundation, with the generosity of the GCSANJ, is also supporting 3 different projects at Rutgers. We recognize the importance in supporting research that will help us.

We lost one of our board members when Bruce Peebles moved north for a great job opportunity. His position was filled by Dave Mishkin and at our last meeting, Tyler Otero was elected. That gives us a full board. These two young men are pleased to be given the opportunity to help and we are thrilled to have them on the foundation.



New Foundation Board Members:
Dave Mishkin (l) and Tyler Otero (r)



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Support Yourself by Supporting the Rutgers Turfgrass Research Golf Classic

by Shaun Barry

There is an old expression about “preaching to the choir” and it is still used to this day and everyone understands what it means. That is what I am doing today. This brief reminder is about the Rutgers Turfgrass Classic on May 7, 2012. Many of you will have this date on your calendar and are probably scheduled to attend. You may be bringing a team from your club or your company. You may be attending as a guest with another team or you may be attending by yourself knowing that you will be paired with an old friend or a soon-to-be new friend. It is a day that once you attend you will want to return to enjoy the day and all that it offers and also because you know how successful this tournament has been in supporting turfgrass research.

In the last 16 years over \$1,100,000 has been raised and it has been raised solely for the purpose of funding turfgrass research at Rutgers. The results that have come out of Rutgers have been used throughout the world. If you get to attend, you know that your support is going to help you and others do their jobs better when the time comes that help is needed.

In addition to the good feeling of helping that is shared by everyone, there are many other benefits --

- Each year Rutgers offers an hour of educational talks that not only enlighten, they also allow participants the chance to earn credits from NJ, NY, PA and GCSAA.
- If you get the chance to join the field of more than 330 golfers you will enjoy one of Fiddlers Elbow’s three Championship courses.
- You will also enjoy a wonderful breakfast and dinner in the clubhouse with a hot burger or dog out on the course.

- The highlight of the day for some is when they get to “Meet the Profs” during their round of golf. On each course your group gets to meet one of the professors from the Center For Turfgrass Research. Last year it was Dr Clarke, Dr Meyer and Dr Murphy and most likely they will be back for a return engagement. Their goal is to meet everyone personally and to help you hit a shot that could benefit your team. That might be a tee-shot or a chip or a putt depending upon the professor’s individual skills.

When the golf is finished, your fun continues with a grand cocktail hour with lots of wonderful Hors d’oeuvres that are to become your dinner. If you wish something different, be sure to try the pizzas fresh out of their outdoor pizza oven. Last year we consumed over 125 pizzas. It was quite a hit.

While this is all going on you will have a chance to participate in the Silent Auction. Darrell Marcinek and Rick Krok have gone to great lengths to find items that are of interest and useful for work or pleasure. Get a number and start bidding. You will have lots of company who just might try and steal the items you want.

There is a brief introduction by Dr Clarke. He has lots of people to acknowledge . He has to thank all of the sponsors especially the Premier Sponsors and he never misses the superintendents and the wonderful staff at the club. This is done while everyone is still enjoying their dinner. Soon the silent auction is completed, the winners are identified by the pro-shop, and prizes are given out and everyone heads home or they continue the day either by sitting out on the patio or inside, but in every case they are laughing and smiling with friends. It is the final touch to a great day.

Call Cece with any questions and I hope you can join us.



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MOVE

Patrick Husby is now at Eagle Oaks Golf Club

Matt Weaver is with Petro Canada/Suncor

Dennis Parker is now at Leisure Village West

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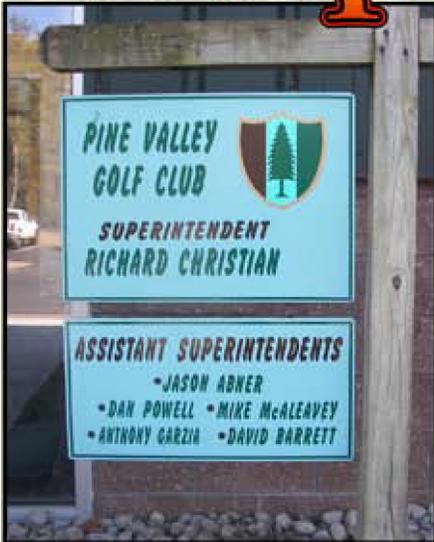
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New Jersey Fertilizer Law
Regulating the Application, Sale,
and Use of Fertilizer for Turf by Professionals

New Jersey Act, P.L. 2010, c. 112 (http://www.nileg.state.nj.us/2010/Bills/PL10/112_.PDF), enacted 5 January 2011, addresses the application, sale, and use of fertilizer for both professional and retail applications to turf; it does not apply to the application of fertilizer to commercial farms. This fact sheet addresses aspects of the law concerning professional applications of fertilizer to turf. Information on the impact of the law for retail fertilizers can be found elsewhere.

A **“professional fertilizer applicator”** is any individual who applies fertilizer for hire, including any employee of a government entity who applies fertilizer within the scope of employment. No professional fertilizer applicator may apply fertilizer to turf without first obtaining a fertilizer application certification, or training if applying fertilizer under the direct supervision of a certified professional fertilizer applicator.

The New Jersey Agricultural Experiment Station at Rutgers University, in consultation with the Department of Environmental Protection, has established the training and certification program required by law. The Professional Fertilizer Applicator Certification and Training (ProFACT) program is an internet based certification program (<http://profact.rutgers.edu>) that provides professional fertilizer applicators with training and education in five subject areas as outlined by the law: i) proper use and calibration of fertilizer equipment; ii) correct interpretation of fertilizer labeling; iii) best management practices for nutrient management in turf; iv) hazards of excess nutrients to the State’s water bodies; and v) applicable laws, rules, and regulations.

Certified Fertilizer Applicators (CFAs) are those professionals responsible for decision-making regarding fertilizer application and use. Professionals must have received training and pass an exam to become certified, which can currently be done through an online program (<http://profact.rutgers.edu>). Training for CFAs is more extensive than for trained fertilizer applicators.

Trained Fertilizer Applicators (TFAs) are professionals that may apply fertilizer under the direct supervision of a CFA. Direct supervision means that the CFA provides the TFA with written instructions regarding the fertilize application and maintains immediate voice communication (radio or mobile phone). Trained fertilizer applicators must be trained but do not need to take an exam.

More details on the certification and training program are available on the "instructions" page at <http://ProFACT.rutgers.edu/Pages/instructions.aspx>.

The law requires Rutgers NJAES to publish a list of professional fertilizer applicators on its internet website. The listings will be enhanced for sorting in the future and currently provide names in alphabetical (last name) order. Links to the lists are provided below.

Certified Fertilizer Applicators: <http://ProFACT.rutgers.edu/Pages/Certified-Applicators.aspx>

Trained Fertilizer Applicators: <http://profact.rutgers.edu/Pages/Trained-Applicators-List.aspx>

Enforcement of the Law

This law may be enforced by any municipality, county, local soil conservation district or local health agency. A local soil conservation district may institute a civil action for injunctive relief in Superior Court to enforce this law and to prohibit and prevent a violation of this law and the court may proceed in the action in a summary manner.

Thus, enforcement will occur at the local government level using the prohibitions, restrictions and penalties established by the law. You should direct your inquiries or requests for enforcement to local officials in municipal and county government or local soil conservation districts (<http://www.state.nj.us/agriculture/divisions/anr/nrc/conservdistricts.html>).

Violations and Penalties

Any professional fertilizer applicator who violates the New Jersey Fertilizer Law is subject to a civil penalty of \$500 for the first offense and up to \$1,000 for the second and each subsequent offense, to be collected in a civil action by a summary proceeding under the "Penalty Enforcement Law of 1999," P.L.1999, c.274 (C.2A:58-10 et seq.).

If the violation is of a continuing nature, each day during which it continues shall constitute an additional, separate and distinct offense. The Superior Court and the municipal court shall have jurisdiction to enforce the provisions of the "Penalty Enforcement Law of 1999".

Preemption

The provisions of the law preempt any ordinance or resolution of a municipality, county or local health agency concerning the application of fertilizer to turf, except that municipalities are allowed to establish penalties for persons other than a professional fertilizer applicator or person who sells retail fertilizer.

Any person, other than a professional fertilizer applicator or person who sells fertilizer at retail, who violates this act, or any rule or regulation adopted pursuant thereto, may be subject to a penalty, as established by municipal ordinance, to be collected in a civil action by a summary proceeding under the "Penalty Enforcement Law of 1999," P.L.1999, c.274 (C.2A:58-10 et seq.). The municipal court shall have jurisdiction to enforce the provisions of the "Penalty Enforcement Law of 1999".

For general inquiries about the certification and training program, contact the ProFACT administration team at:

Email: profact@aesop.rutgers.edu

Mailing Address:

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Rutgers Students Compete at Turf Bowl

by Shaun Barry



*Pictured above are the Rutgers students who participated in the **Turf Bowl** at the GCSAA National Conference in Las Vegas.*

This picture was taken at the GCSANJ Hospitality Party that was open to all GCSANJ members and was held at the Rivera Hotel. These students were able to attend this conference through various fundraising activities including their "Citrus Sale" which they hold every November/December. If you enjoy oranges and grapefruit, it will be worth your while to buy a box or two.

The teams went into the competition against 78 other teams. The number one team was prepared for victory but their leader was hospitalized by what was thought to be food-poisoning. It turned out to be the flu. He missed the entire event. Another member had to leave midway through and that handicapped the team and they finished well back. The second Rutgers team actually finished in 20th spot which doesn't sound like a great showing, but this team was made-up of freshman and sophomores who had taken your basic science classes required for a degree at Rutgers but they had no turf classes at all. Since we are talking about the "Turf Bowl" you know that having studied turf would be very important.

This team is certainly very talented and they are expecting to win next year after getting the chance to take some turfgrass classes. To reach that goal they may have to beat any of the first team members who are returning. It bodes well for all of these students when they get to San Diego.

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GCSAA Professional Conduct Guidelines

The following professional conduct guidelines are provided to encourage the highest standards of conduct among the membership of GCSAA. These guidelines are a companion document to the [GCSAA Code of Ethics](#). While the professional conduct guidelines may not be enforced with membership sanctions, these guidelines should nonetheless be promoted, practiced and encouraged by GCSAA members. Non-compliance of these guidelines should be noted, publicized and self-policed by fellow GCSAA members, officials and affiliated chapters to discourage future instances of such noncompliance.

In assessing one's actions, all superintendents should ask the question, "Would my actions meet with the approval of other superintendents?"

1. A member should always contact a fellow superintendent prior to visiting his/her course, regardless of the reason for the visit.
2. Applications for employment should only be sent to an employer if the applicant has contacted the current superintendent to determine whether the position is available, or if the applicant is responding to an Employment Referral Service announcement.
3. A member should only accept an interview for a job currently held by a fellow superintendent if the applicant has contacted the current superintendent to verify the position is open, or if the applicant has learned about the opening in an Employment Referral Service announcement.
4. Members should always adhere to the complimentary golf policies of other golf courses and always give as much advance notice as possible when seeking playing privileges at a fellow superintendent's golf facility.
5. Members should only accept a consulting assignment at a golf facility if the current superintendent at that facility is aware of such impending consulting activity.
6. Consulting recommendations for a facility should be made in the presence of the current superintendent or written recommendations should be carbon copied to the current superintendent.
7. Members should always conduct themselves in the highest professional manner at all golf-related events and other public events where the member is representing the golf course superintendent profession.
8. A member should not render negative opinions or comments about fellow members.

Members are encouraged to remind fellow superintendents about these courtesies through phone calls, electronic messages and letters. Peer reinforcement of these standards is encouraged.

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