



CHIPS & PUTTS

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POCONO TURFGRASS ASSOCIATION
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**September Meeting
Elkview Country Club**
Host: Russell Hauenstein, GCS

Nestled between Crystal and Newton Lakes, Elkview Country Club was founded in 1919. James Johnson of the Johnson and Johnson family donated the land and the Hemelright and Niles families financed the clubhouse and course. Legendary Scottish architect Donald Ross designed the course, and the first nine holes opened in 1923. The course has three acres of poa greens, twenty five acres of bent grass and poa mix fairways, four acres of fescue grass and over an acre of colorful flowerbeds highlighting the layout of the course. Most notable are the lakefront views from nearly every hole and a private beach on Crystal Lake.

Superintendent Russell Hauenstein and Assistant Superintendent Jerry Decker manage a grounds crew of thirteen people who work diligently to ensure the course is in pristine condition. Russell earned a Bachelor's degree in Plant Science and Turf Grass Management from The State University of New York Cobleskill and has worked at Elkview for thirteen years, taking over as Superintendent in 2012.

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President's Message.....

It's that time of year. Leaves are starting to fall. Nighttime temperatures are dipping down into the 40's. The Aerifers are in high gear. And most important, there is plenty of football to watch on the weekends.

It's the time of year where turf has a chance to recover from the stress of summer. It's also time for superintendents to begin to recover from the stress of summer. Next week our meeting schedule will be taking us to Elkview Country Club. This will be a great opportunity to enjoy a day with your peers and relax for a day.

The Clambake this year was a huge success. Thanks to tee sponsors and attendees, we were able to replenish our Scholarship Account and also raise \$2,100 for the Louis Koch Memorial Scholarship at Holy Cross High School. I want to thank everyone who contributed to these two important causes.

Hope to see all of you at Elkview

Greg Boring

Editor's Notes.....

Only two more golf meetings left to get out and enjoy the great courses in the Poconos and create camaraderie with friends.

A big "Thank You" for this month's photo from Jeff Lipics at Fernwood....I'm always looking for photos!!

It was a great day at C.C. of Scranton, as usual, for the annual clambake. We were able to not only raise money for the PTGA scholarship fund, but also raise money for the Louis Koch Memorial Scholarship.

Hope to see you at Elkview to enjoy the beautiful fall weather.

Brian Bachman



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CHIPS & PUTTS STAFF

EDITOR

Brian Bachman, Genesis Turfgrass, Inc.
484-661-6105
bbachman@genesisturfgrassinc.com

Managing Editor

Melinda Wisnosky
570-388-2167
mmel500@aol.com

PAST PRESIDENT

Ray Waddell
570-903-9571



PTGA Office

309 Terrace Avenue
Harding, PA 18643
Phone/Fax: 570-388-2167

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THANK YOU!!

At the annual clambake recently held at C.C. of Scranton, the PTGA raised \$2,100 towards the Louis Koch Memorial Scholarship.

Below is a letter from Louis' father, Jeff Koch,
Superintendent at Glenmaura National.

Dear Industry Professionals & Friends,

I wish to extend a sincere thank you from our family, for the fund raising event which was held during the Annual Pocono Clam Bake held at the Country Club of Scranton following the passing of our son, Louis Koch.

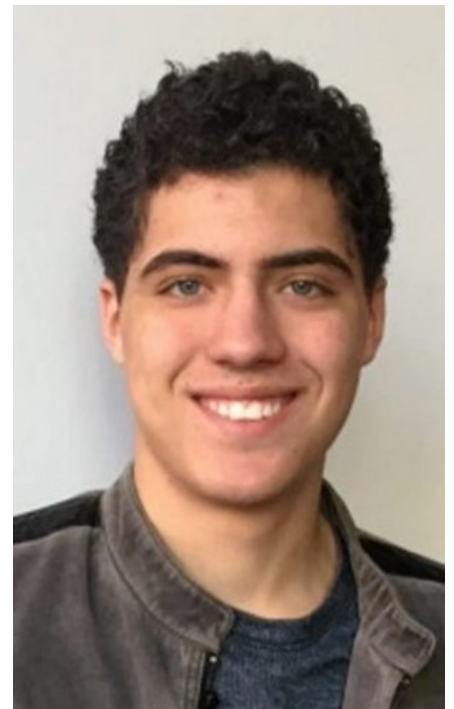
The Pocono Board of Directors had arranged for funds to be collected and awarded to the Holy Cross High School in support of The Louis Koch Memorial Scholarship, an annual scholarship created, which will be awarded to students meeting high academic standards and certain community service criteria.

Louis was an excellent student, a gifted reader, an avid outdoorsman, and an outstanding son. Louis' time passed all too quickly, but we will forever have his memories. Louis was an integral part of my staff and for those who knew him, you would always be greeted with the biggest smile.

Each day has its challenges following our loss but the prayers and support continue to lift us up. I was overwhelmed with emotion when I heard the Association arranged this fund raising opportunity and the gesture further instilled in me that we are not alone through this tragedy.

Once again, I can't begin to thank you enough for your prayers and thoughtfulness during this difficult time in our lives. We are forever grateful.

Sincerely,
Nardimar, Julian, & Jeffrey Koch





Current Turfgrass Research Being Conducted At PSU

Written by Chase Rogan, Mid Atlantic GCSAA Field Rep

We all know how important university research is to the vitality and future success of our industry. This post will serve as the first feature of a blog mini-series highlighting the research being conducted around the Mid-Atlantic region. Next time, I will take you inside the research programs at the University of Maryland and Virginia Tech. To get us started, here is a little bit of what's going on in Happy Valley.

Dr. Max Schlossberg's research trials on Kentucky bluegrass are evaluating efficiency and recovery of controlled-release granular nitrogen fertilizers. These studies involve weekly measures of canopy color/density, growth, and fertilizer-N recovery. Field trials investigating organic N fertilizers and liming agents are also underway. Lastly, the Turfgrass Nutrition team is repeating several flux-chamber studies measuring ammonia volatilization (loss) following foliar and granular applications of urea and stabilized-urea fertilizers. The outcomes of this N-fertilizer research include guidance on fertilizer selection, rate(s), and cultural practice that support resilient golf course roughs, sports fields, and lawns; while limiting non-point N loading of water resources.

Dr. Ben McGraw and his team are working on interesting research involving turfgrass ants. Some believe that turfgrass ants are major predators of Annual Bluegrass Weevil (ABW) eggs, and Dr. McGraw wants to learn more. By monitoring these ant colonies using pit-fall traps and ABW egg stations, the entomology team hopes to gain insight into the impact that ants have on ABW populations. In answering this question, Dr. McGraw would gain insight on whether conserving these ants on fairways may actually help reduce ABW populations in the future.

Speaking of ABW, Dr. McGraw's graduate student, Ben Czyzewski, is researching how different greens cultural practices (mowing height and N fertility) affect ABW survival rates, egg laying, and larval development. Since ABW damage is rarely reported on greens, this research helps gain insight into whether or not ABW can lay eggs on greens-height grass. Furthermore, Ben is learning more about ABW foraging activities using a time lapse camera – pretty cool. He actually marks the adult ABWs with a UV pen, and then can easily pick up their activity on the camera.

Dr. Kaminski and his research technician, Tim Lulis, are embarking on a long-term study looking at how to maximize playability without compromising plant health. In short, what is the point of diminishing returns when it comes to high intensity management and the expected gains? The idea is to come up with a sort of mathematical equation that can be used to attain maximum playability with the fewest necessary inputs. Think: Is that extra roll or cut necessary to attain speeds of "X"? Or, given "X" weather conditions, your greens can only attain "Y" speeds, with "Z" inputs. Complex, yes. But they hope this information is useful for tournament preparation in the future.

Some of the influencing factors include mowing frequencies, mowing heights, etc. As far as data collection, there is a ton, including thermal photography, ball roll, and plant color and quality. They are currently working on a bentgrass green, with plans to replicate the study on a fine fescue green as well. Pretty interesting.

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Dr. Landschoot is working on some research that aims to control *poa annua* within a Kentucky bluegrass stand. While controlling *poa* is hard enough, controlling *poa* in a stand of Kentucky bluegrass is even harder, since both grasses are in the same genus. His research is showing a positive response to an Exonerate and Tenacity mixture. In this case, the exonerate kills the *poa*, and the Tenacity serves as a pre-emergent. While there is some phytotoxicity associated with this treatment, the results are pretty promising.

Lastly, Dr. Andy McNitt and Tom Serensits, manager of Sports Turf Research, are working on a project looking at the playability of warm season grasses on athletic fields in northern climates. The trial is evaluating three bermudagrasses up against new Kentucky bluegrasses. Some of the evaluation parameters include traction and divot resistance. In other work, the McNitt group is experimenting with fraze mowing and various sodding techniques for NFL fields.

In closing, I'd like to thank all of the Penn State Turfgrass Faculty and Staff for presenting their research, and the hard work they continue to put forth to serve our industry.

GOOD NEWS!!



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Yellow Spot

Dr. Peter Dernoden via turf diseases.org

Yellow spot recently was observed in the mid-Atlantic. Yellow spot is an undescribed malady, which mainly is seen in creeping bentgrass grown in sand-based root-zones on greens and tees. Symptoms appear in the summer and yellow spots generally range from one to three inches in diameter. Turf within spots does not die, and in most cases, does not even thin-out. Hence, yellow spot is a visual problem. The malady usually appears overnight in large numbers in the summer during periods of high humidity, rain and high night time temperatures ($>70^{\circ}\text{F}$). They develop in full sun and shaded environments. Maryland researches demonstrated that yellow spot can develop during dryer periods when there is a need for frequent syringing and irrigation. In that study, almost no yellow spot developed when turf was allowed to wilt prior to irrigation. Yellow spot usually disappears with the advent of cooler night temperatures; however, they can remain evident into early autumn.

The proposed causal agents of yellow spot are cyanobacteria (aka blue-green algae). The mechanism responsible for the chlorotic appearance induced by cyanobacteria is not by infection. According to researches, cyanobacteria filaments migrate at night from thatch to the base of plants, and glide up leaf sheaths and onto leaf blades. It has been suggested that cyanobacteria induce or elicit a chlorotic response either through the production of a toxin or by iron chelating compounds. Other researchers, however, failed to find cyanobacteria in association with yellow spot in some cases. The yellow spot symptoms do mimic the description given for yellow dwarf, a mollicute (i.e., a bacteria-like organism bound only by a membrane) disease of bentgrass golf greens in Japan.

Yellow spot is effectively controlled by Daconil (i.e., chlorothalonil) and Fore (i.e., mancozeb) when preventively and fortuitously applied. These same fungicides control blue-green algae on greens and lend evidence that these organisms (i.e., cyanobacteria or mollicute) may be the cause of yellow spot. Curatively, two or three applications of the aforementioned fungicides on a seven day interval effectively reduce yellow spot.





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Over the past three years Elkview has been in the process of greens drainage and bunker renovation. Also in the fall of 2014 Elkview's two signature holes had the greens reshaped to make the holes more playable for the membership. Many tees have been leveled and new tees built by the staff, with many more to be done in the next few years.



August Meeting Results

C.C. of Scranton



Championship Flight

- 1st Place** - Chris Moran, Eric Williams, Irv Williams, Jeff Tamblyn
2nd Place - Ron Garrison, John Polak, John Chassard, Ryan Fogel
3rd Place - Tom Weinert, Ryan Oliver, Mike Brunelle, Barry Kronman
17th Place - Steve Chirip, Tom Moore, Tom Grimac, Paul Brandon

Closest to the Hole #11 - Shawn Sullivan

Closest to the Hole #3 - Brent Wood

Longest Drive #9 - Russell Hauenstein

Longest Drive #18 - Pat Knelly




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MORE BIG NEWS!!

PTGA is now on twitter: @PoconoTurfgrass

Photo of the Month

We all see interesting things every day....wildlife (like bald eagles and bears), strange turf problems (like a lightning strike), an employee who stayed out too late the night before, etc. So if you have a great photo, send it to me (bbachman@genesisturfgrassinc.com) and share it for everyone to enjoy (or laugh at).



September Photo of the Month

No one ever likes to see vandalism on their golf course....but at least this is a little comical. I'm assured that this is the only photo from these "artists" that was suitable for public consumption. Thankfully this display didn't do any long term damage.

Thanks to Jeff Lipics from Fernwood for sharing!!

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POCONO ROUNDUP

Congratulations!

Congratulations to GCSAA Mid-Atlantic field staff representative Chase Rogan and his wife on the birth of their first child. Fitzgerald (Fitz) McNeal Rogan was born on August 7.



PTGA SCHEDULE

Sept 22	PTGA Golf Meeting Elkview GC
Oct 6	PTGA Golf Meeting Fox Hill CC
Nov 10-12	Penn State Turf Conference
Dec 8-10	NJ Turf Expo
Jan 5-6	Eastern PA Turf Conference
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