

WTA 2022
Golf Outing
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SUMMER 2022

Celebrating the 30th Anniversary of the O.J. Noer Turfgrass Research & Education Facility at Summer Field Day 2022

By Bruce Schweiger, Superintendent, O.J. Noer Turfgrass Research & Education Facility

On August 2nd the WTA Summer Field Day returned to pre-Covid format with vendor's displaying their wares in full view, return of the lunch buffet and a tent for shade. The two constant and consistent items of the day were the weather and the research presented by the UW-Madison Turf Team.

The day began with a brief celebration of the 30th Anniversary of the O.J. Noer Turfgrass Education Facility. During the opening ceremony Dr. Soldat gave a great history of the early beginnings of the O.J. Noer Turfgrass Research and Education Facility.

The Wisconsin Sod Growers were having an issue with a new disease. In collaboration with Dr. Gayle Worf, Plant Pathology, the

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PRESIDENT'S MESSAGE

Here's To 30 More Years!

By Brad T. DeBels, PhD, Weed Man Lawn Care



Just like that, it has been 30 years! Nine visionaries assembled in 1981 acting on an idea to support research at the University of Wisconsin-Madison to study turfgrass challenges being faced by the Wisconsin green industry. Since that time and the vision set forth by the generosity of hundreds, buildings have been built, professors have been hired, graduate student research has been funded, and knowledge has been spread across the world.

I have only ever known the O.J. Noer Turfgrass Research and Education Facility and the University of Wisconsin-Madison working together and conducting turfgrass research to be a staple of the Wisconsin green industry. I cannot imagine it without it. In early August we had the great pleasure of celebrating these moments with some of the folks that were integral in creating this great legacy at the Wisconsin Turfgrass Association Summer Field Day. I hope you all enjoyed the stories shared, were able to shake a few hands and

enjoy some cake. As a board it is our hope we can continue with that legacy of research and educational support.

We have seen in the last few years some changes in how the organization operates and some of the offerings available to our members. I think most of them have been a great success. With that said, we are not done. Currently we are looking at ways to become more directly involved with the University of Wisconsin-Madison, how to partner with our state green industry groups, and better ways to offer education in the state. What is it that you would like to see? If there is something you would like offered by the WTA or simply have a question about something we currently offer, please let me know via email at braddebels@weedmanfri.com.

We must continue to be innovative if we want the vision of those nine individuals in 1981 grow. What is the stamp we can put on the green industry of the future? Thank you again to all of our members, enjoy the rest of your summer, and see you at the annual golf outing in October! ■

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issue was identified as (Necrotic Ring Spot). During this process they discussed the need for a turfgrass research station at UW-Madison CALS, much like the numerous research stations for other agricultural crops. As they worked towards this goal additional turfgrass associations joined with them. This combined group of industry visionaries worked with Dean Leo Walsh on options to build a facility. This was a very long grueling process. They learned that some of the land donated to build University Ridge Golf Course, had a farm that was not identified for the course or future expansion. After negotiations with the UW Athletic Department that parcel was to become the home of the O.J. Noer Turfgrass Research and Education Facility.

Raising the funds to build the facility would reside with the WTA, in cooperation with the UW Foundation. The fund-raising phase required a relationship with the UW Foundation. This brought Marcy Hiem to the WTA and the O.J. Noer Turfgrass Education Facility. Marcy was a special partner guiding the WTA through fund raising and cementing

the long-term relationship with the UW Foundation.

Here is a brief listing of our honored dignitaries: Monroe Miller (retired), Superintendent of Blackhawk Country Club, was a driving force on the committee. Randy Smith (retired), Superintendent Nakoma Country Club, built the greens and fairways at the facility along with irrigation system. Dave Schlough (retired), Director of the CALS Agricultural Research Stations. Chris Wendorf, Heritage Seed (retired) was instrumental in donating seed for grow-in and for decades later. Tom Schwab (retired), Superintendent O.J. Noer Turfgrass Education Facility. He was responsible for nurturing the O.J. Noer Facility for much of its life. Adding more acreage, major improvements and hosting worldwide events like the Sod Grower National Conference. Dwight Mueller (retired), Director of CALS Agricultural Research Stations. Marcy Heim, retired from UW Foundation to. Dean Leo Walsh (retired) Dean of CALS Agricultural Research Stations.

We also had a brand new face as a guest at Field Day. Taylor Schaefer, the newest Alice in Dairyland. This was her first official event since becoming the 75th Alice in



Dairyland on July 5th, 2022. Ms. Schaefer is a recent graduate of University of Wisconsin – Madison with a Bachelors degree in Animal Sciences & Life Sciences Communications as well as a certificate in digital studies.

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(l to r) Dwight Mueller (ARS Director), Monroe Miller (Superintendent Blackhawk CC), Dale Schlough (ARS Director), Dean Leo Walsh (Dean of CALS), Randy Smith (Superintendent Nakoma CC), Audra Anderson (the voice and face of the WTA), Marcy Heim (UW Foundation), Chris Wendorf (Heritage Seed), Tom Schwab (OJ Noer past Superintendent), Bruce Schweiger (present Superintendent OJ Noer)

After the celebration it was time for the education. The morning session had five tours:

What's New in Weed Control?

What Happens to Lawns Over the Long Term?

Species Germination Comparison and Disease Review

Efficacy of Organic and Conventional Controls for Crabgrass

Summer Seeding Strategies

After a full morning of education, it was time to visit our amazing vendors and visit with colleagues. Attendees also enjoyed the return of the lunch buffet sponsored by Beth Duschack and Corteva.

After lunch the golf session began. This was an information packed afternoon. Topics discussed were:

New Bentgrass Varieties for Fairways and Greens

Topdressing Sands and Application Methods to Influences Soil Organic Matter and Surface Firmness

Golf Course Resources Use Study

Do Auxin Applications Affect Bentgrass Putting Green Growth?

Phosphorous and Potassium Soil Test Calibration Evaluations

Testing Your Putting Greens for Organic Matter

Nitrogen Rate Effect on Microbiome

Controlling Dollar Spot with Cultural Practices




Dollar Spot Suppression on Golf Course Fairways

Use of Poacic Acid for Dollar Spot Control


Manipulating the Leaf Surface pH for Dollar Spot Control


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A huge thank you to our vendors who assist in making the SFD a huge success. Please be sure to support them throughout the year so they can continue to participate in WTA sponsored events.

As the afternoon tours finished the heat began to increase. It was time to adjourn for another year. Thank you to all the attendees and vendors that continue to support the efforts to the WTA and the University of

Wisconsin-Madison. We know that many of you had conflicts and promise that next year the Summer Field Day will be just as jam packed with education and camaraderie. ■

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WSTMA Summer Field Day Series Wrap up

By Michael Krupke, WSTMA Chapter Manager

Wisconsin Sports Turf Managers Association board member Lee Black brought a frustrating issue to the board prior to the February winter conference at the Kalahari. The issue, turf managers across the state don't tend to travel like they used to for educational opportunities such as conferences and Field Days. Being in southwest Wisconsin, Lee and the rest of the Board noticed that turf managers from that area weren't attending these events due to time, travel, and budget constraints. This pertains to many areas of the state. While attendance numbers were good at WSTMA events, turf managers who really could benefit from the education provided were not in attendance. The solution? Take the education to them. The WSTMA board went to work to resolve it and produced the Summer Field Day Series.

Three events, in two months, spread across the state, with hosts Lee Black at Darlington High School, Ryan Rusch at Plymouth High School, Rex Zemke and Dan Wendorf at Merrill Area Rec Center. Each series session was essentially the same. They were free of charge, a one-half day of hands-on presentations, mound and batter's box maintenance, infield maintenance and overseeding.

Presenters included Brad Essary of Profile/Turface. Brad traveled from the deep South for the Darlington and Merrill events. Brad presentations are memorable and entertaining. For the Plymouth event, Kyle Slaton of SiteOne stepped up and showed his vast experience in mound and batter's box maintenance gained from his years in the business and his latest as the field manager for the Wisconsin Timber Rattlers. At all events, Josh Viet of Midwest Athletic Fields, joined with each host to put on a clinic focused on infield maintenance. This was a very popular subject and attendees walked away with many infield maintenance tools to use at their facilities.

Chris Zugel of Destination Kohler Golf Courses discussed overseeding strategies at Plymouth. In Merrill, Dr. Doug Soldat put on an overseeding class coupled with turfgrass variety identification. He literally had all attendees on their hands and knees identifying turfgrass plants.



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This Summer Series was truly about field managers helping field managers. Input from attendees was encouraged. Many got into the dirty work of infield and mound management. Our commercial partners were encouraged to mingle with attendees (there were no booths) and answer questions. The Series has been deemed a huge success by attendees, presenters and the WSTMA board. Sports turf managers who wouldn't normally experience this education were reached and new memberships rose significantly. We plan to continue the Field Day Series next season. More information will be coming out over the winter months.

Most importantly, the WSTMA Commercial Partners deserve a HUGE thanks from everyone involved. Without their support, we wouldn't be able to travel the state and provide sports field education to turf managers. Please reach out to them for the products and services they provide. *Reinders, Midwest Athletic Fields, SiteOne, Traqology, KEI, Revels, Insight FS, Cover Master, Horst Distributing, Burris, Kafka Granite, Ball Diamond Fine Sports Turf, Waupaca Sand & Solutions, Van Diest Supply, Hunter Industries, Milwaukee Lawn & Sprinklers, Jasperson Sod, Helena & MSC.*

Save the Date of October 4th, 2022. The WSTMA Fall Conference will be held at the O.J. Noer Turfgrass Facility. There will be tours of Camp Randall Stadium and the McClain Practice Facility and more in the afternoon. ■

Save the Date

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Enrollment In The New UW-Madison Turfgrass Apprenticeship Program Ends October 15th

By Paul Koch, Ph.D. and Doug Soldat, Ph.D., University of Wisconsin Madison

In the Spring of 2022, we announced a new UW-Madison turfgrass educational option for interested students. The UW-Madison Turfgrass Apprenticeship Program (TAP). TAP is a 2-step program that consists of a 12-week, in-person educational bootcamp and a field-based apprenticeship at a golf course, athletic complex, or other turf facility of the student's choice. The program provides participants with the hands-on, real-world experience needed to succeed in the turfgrass industry. Successful completion of both the bootcamp and the apprenticeship is required to earn the Turfgrass Apprenticeship Program Certificate.

We have been extremely heartened by the interest in the program since TAP was launched. At the time of this writing in late July we have already had 11 students enroll and an additional 5-6 students contact us with strong interest. We anticipate that this inaugural class will have 15 or more students enrolled! If you or one of your crewmembers are interested in furthering their career in turfgrass management, please see the details about the program below. Enrollment in the program ends on October 15th!

Step 1: Educational Bootcamp

The educational bootcamp is a 12-week, in-person program run by UW-Madison professors Doug Soldat and Paul Koch that offers an applied turfgrass education in a compressed period without compromising the quality of the course content. The majority of classes will take place on the UW-Madison campus, though regular 'shop talk' visits will be made to local turfgrass facilities to gain hands-on education on a range of topics from practicing turfgrass professionals.

The bootcamp will take place over two 6-week terms during the late fall and winter that allows for working students to complete seasonal tasks in the field prior to starting class in the fall, and to complete classes in the winter prior to the start of the following growing season. The fall term starts the first week of November and ends in mid-December, and the winter term starts the second full week of January and ends in mid-February. Each week will have class on Tuesday, Wednesday, and Thursday from 10 AM until 3 PM CST with a 1-hour break for lunch. This compressed schedule allows those that don't want to commute

daily to book housing for only 2 nights per week. Regular attendance and completion of quizzes, projects, and exams will be expected of each student. There will be no class during the week of Thanksgiving in the fall term and during the GCSAA Conference in the winter term.

Tuition for the 2022-2023 bootcamp will be \$3500 for the entire 12-week program. This cost is the same for in-state and out-of-state students. Payment of tuition will be due by the end of the second week of classes in the fall term, and full refunds will be offered to any student that withdraws by the end of the second week of class. Contact Dr. Paul Koch or Dr. Doug Soldat for questions about program costs and payments.

Housing is not provided by UW-Madison during the bootcamp, but we will work to provide a number of affordable hotel options in the Madison area and coordinate hotel stays among the students so that most or all students who wish to stay in Madison can stay in the same hotel. We anticipate that hotel costs for two nights per week during the 12-week program will be less than \$2000, and those costs will decrease considerably

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The 2022-2023 UW-Madison Turfgrass Apprenticeship Program is as follows:

Term	Class	Time (CST)	Primary Instructor	Start Date	End Date
Fall	Introduction to Turfgrass Management	10:00 AM – 12:00 PM	Paul Koch	November 1 st , 2022	December 15 th , 2022
Fall	Introduction to Turfgrass Soils	1:00 PM – 2:00 PM	Doug Soldat	November 1 st , 2022	December 15 th , 2022
Fall	Turfgrass Irrigation and Drainage	2:00 PM – 3:00 PM	Doug Soldat	November 1 st , 2022	December 15 th , 2022
Spring	Nutrient Management	10:00 AM – 12:00 PM	Doug Soldat	January 10 th , 2023	February 16 th , 2023
Spring	Integrated Pest Management	1:00 PM – 3:00 PM	Paul Koch	January 10 th , 2023	February 16 th , 2023

for those students interested in a roommate.

There will be significant scholarship money available to support student tuition and housing costs from a variety of turfgrass associations, including the Wisconsin Turfgrass Association, Wisconsin Golf Course Superintendents Association, Wisconsin Sports Turf Managers Association, Wisconsin Sod Producers Association, among other sources. More information on scholarships and how to apply for them will be provided in the first week of class during the fall term, and all scholarships will be awarded at the Wisconsin Golf Turf Symposium in Kohler, WI in January. Please contact Dr. Paul Koch or Dr. Doug Soldat for more information on TAP scholarships.

Step 2: Field-based Apprenticeship

Students in the TAP will also be required to complete a field-based apprenticeship at a golf course, athletic complex, or other turf management facility of their choosing. A list of tasks to complete during the apprenticeship will be developed in cooperation with associations in the turfgrass industry and will be ready in time for the 2023 field season. The student's field supervisor (superintendent, grounds manager, etc.) will sign off on each assigned task once they have deemed the apprentice proficient at the task. Students who complete the assigned tasks will be ready to assume a position as an assistant superintendent in the golf course industry or an equivalent position in the sports turf, lawn care, or sod industry. More details will be available on the apprenticeship in the fall and winter of 2022-2023.

How to enroll in the TAP

To enroll in the UW – Madison TAP please email Dr. Paul Koch or Dr. Doug Soldat and indicate that you would like to enroll in the program. You will be added to the class list and receive regular email updates as the fall term approaches, including information on how to pay tuition for the program and guidance on housing and parking. Deadline for enrollment in the fall term is October 15th ■



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WTA Annual Golf Outing, October 10th, 2022 at Oneida Golf & Country Club in Green Bay

By Bruce Schweiger, Superintendent, O.J. Noer Turfgrass Research & Education Facility

Another turfgrass growing season is coming to an end. It has been a year of extremes. This summer we have had the extreme heat, short periods of drought and various bouts with excess water. No matter what part the turfgrass industry you work, the year has dealt you many challenges. Before the snow comes and our thoughts of perfectly mowed stripes turn to plowing snow, why not give you and your crew a break. Come join the WTA at Oneida Golf and Country Club in Green Bay for the Fall Golf Classic on Monday, October 10th.

Every year we gather for a fun day of enjoying our friends and playing some golf. The focus is fun but the funds raised is very important to the mission of the WTA. The Fall Golf Classic is one of the biggest income streams for the WTA. This event is more than a skills event. With the continued support of our whole turfgrass industry we have an after golf raffle. The goal of the raffle is to make sure everyone leaves with a prize. We do have on course events. The golf prizes are first place, last place and a team placing somewhere in between (this place is picked before golf) and flag events.

This year's WTA Fall Golf Classic takes us to the northern part of Wisconsin to make attending easier for our friends and members from

the north and the UP of Michigan. We are very excited to be at Oneida Golf and Country Club this year. The WTA Fall Golf Classic has never been held there. For those that have never played Oneida Golf Club it is a real treat. Oneida Golf and Country Club offers beautiful fall vistas and a great golf course. Mark Storby will have the course in tournament condition.

Please put the WTA Fall Golf Classic on your schedule. Bring your staff, find a few friends and come join us for a fun filled day. If you cannot or can attend, please consider donating a prize to the raffle. This could be apparel, gift cards, six-pack of beer, a foursome of golf with cart for 2023 or many other prize options, some years there is even a bike.

Go to the WTA website, wisconsinturfgrassassociation.org and register your foursome, singles are welcome. If you plan to bring a raffle prize please let me know. Just drop me a short email, bschweiger@wisc.edu, to help me keep a tally of how many prizes there will be for the raffle.

See you in October!!!! ■



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Wisconsin Turfgrass Association 2022 Golf Outing Fundraiser



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Oneida Golf & Country Club – Monday, October 10th, 2022

Where: Oneida Golf and CC
207 Country Club Road
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When: Monday, October 10th, 2022
10:00 to 11:30 Registration
10:30 -11:30 Lunch in Clubhouse
11:30 4-Person Scramble Shotgun Start
After Golf, Hors d' Oeuvres, Event Prizes, Cash Bar

THERE IS NO ATM ON SITE

Cost: \$150 per person

What: Golf, Cart, Lunch, Door Prizes and Golf Awards

DIRECTIONS: Oneida Golf and Country Club is located at 207 Country Club. The main entrance is located just off Country Club Road, on Indian Hill Drive.

History: Founded by A. B. Turnbull & former stockholders of Fox River Country Club, later known as Town & Country Golf Course. 400 acres of land known as Sullivan's Flats were purchased by T. A. Pamperin. June 25, 1928 Work began on the construction of Oneida Golf and Riding. The course was designed and constructed by U. S. Golf Architects, Inc., of Chicago. Dorr Packard supervised construction. A conflicting report says that the course was designed by Stanley Pelcher and built by Dorr Packard Construction Company. The course was built for \$41,866. June 15, 1929 - Golf course opened. There were 70 players for the ceremony and the first foresome was Andrew Turnbull (left), Frank Kerwin, Lee Joannes and Jules Parmentier. 1939 or 1940 - 11 time major winner Walter Hagen and famous trick shot artist John Montague played an exhibition with host pro Harold Fossum and Frank Kerwin. July 30, 1940 - In an exhibition match, Sam Snead and Ralph Guldahl beat Johnny Revolta and Ben Hogan 3 & 2. 800 watched Snead set a new course record with a 66.

Questions: (608) 845-6536 or audra.anderson@wisc.edu

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- Refer questions about the outing to Audra at 608-845-6536, or audra.anderson@wisc.edu
- Registration deadline is Monday, October 4, 2022
- You may register by yourself or as a foursome

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What I Learned At The 2022 International Turfgrass Research Conference

By Paul Koch, Ph.D., Department of Plant Pathology, University of Wisconsin-Madison

The International Turfgrass Research Conference (ITRC) is held every 4 years at locations around the world and allows the global turfgrass research community the chance to interact and share their latest research. In July of 2022 the ITRC was held in Copenhagen, Denmark after being delayed a year due to COVID-19 (Figure 1). Previous iterations of the conference that I have attended were held in Santiago, Chile (2009), Beijing, China (2013), and New Jersey (2017). The ITRC is one of my favorite turfgrass conferences because of its global nature, and I'm already looking forward to the 2025 ITRC in Japan. Below are some of my main takeaways from the weeklong conference.



Figure 1. International Turfgrass Society President Maria Strandberg kicked off the opening session of the conference. Photo taken from the ITRC website (<https://itrc2022.org/pictures-from-conference>).



Figure 2. The top 3 finishers in the ITRC Graduate Student Presentation Competition. From left to right are Amy Wilber (Mississippi State University), Audrey Simard (Penn State University and UW alum), and Claudia Ann Rutland (Auburn University). Photo from the International Turfgrass Society Twitter Feed (@TurfSociety).

The UW Turf Team was heavily featured

Michael Bekken, a recent PhD graduate from Dr. Soldat's program, gave one of the keynote addresses to the conference based on his golf course resource use research. Dr. Soldat gave multiple talks throughout the week on soil testing and improved modeling of fertilizer needs. Nick Bero from the Soldat lab also talked about use of compost topdressing and compost teas on soil health in lawns. TDL Manager Kurt Hockemeyer gave a presentation on SDHI fungicide efficacy for snow mold control, while I gave 3 talks on topics ranging from dollar spot biocontrol to snow mold modeling.

Scandinavian and Wisconsin turfgrass managers are similar

For the first time at the 2022 ITRC there was a 'Practitioner's Seminar' that focused on providing applied research to turfgrass managers from around Scandinavia. Michael Bekken, Doug Soldat, and myself all spoke at this seminar that was packed with local turfgrass managers. While it probably shouldn't be surprising given the strong Scandinavian roots for many Wisconsinites, I couldn't help but see the similarities between Wisconsin and Scandinavian turf managers as I talked with them. Down-to-Earth, practical, problem solvers...interacting with them was a highlight of the conference for me.

The future of turfgrass research is very bright

In addition to my speaking duties, I also had the pleasure of organizing the Graduate Student Presentation Competition. There were

seven students enrolled in the competition from the U.S. and Canada and 8 judges from the U.S, Europe, and Japan. The presentations given by all 7 students were exceptional. They were poised during their speaking, had an excellent grasp of the science behind their projects, and ably answered all questions that were asked. The student who received the top score was Audrey Simard, who many of you might recognize from her days as an M.S. student in turfgrass entomology here at UW (Figure 2). Audrey is currently pursuing her PhD at Penn State University. Congrats to Audrey and all of the participants!

Copenhagen is an incredible city, and it was great to see so many friends

I had never been to Copenhagen so it felt incredible to travel internationally for the first time since pre-Covid. I was pretty excited to go to Copenhagen, and it didn't disappoint. Spectacular scenery, wonderful food, and great weather made for an incredible week. In addition, it was great to see so many friends that I haven't had the chance to see much in a few years (Figure 3). Just like my interactions with so many of you, I much prefer in-person to constant web meetings. Thank you to everyone for allowing myself and Kurt to close the TDL for a week while we attended this important conference! ■



Figure 3. It was great to see so many friends at the conference. Photo from the Twitter feed of James Hempfling with Bayer Environmental Science (@JamesHempfling).

2022 Summer Turf Pathology Trials

By Kurt Hockemeyer, TDL Manager, Plant Pathology, University of Wisconsin-Madison

This summer's weather has been pretty, dare I say, normal? Table 1 shows some weather data from NOAA for the Madison area. Slightly warmer and drier than normal May and June. Slightly warmer and wetter than normal July. Thinking about how these weather patterns have affected sample submissions to the TDL makes sense. Spring and early summer samples were much lower than normal. With reasonable temperatures and slightly dry conditions, there was not much disease activity. Once heat and humidity arrived consistently in July, sample submissions started to pick up with many of the "normal" summer diagnoses: take-all patch, summer patch, brown patch, leaf spot, etc. Of course, even if you are a few hours away from Madison your summer could have been very different than what I've described here.

The dollar spot trials this year have been going very well. We had a large flush of dollar spot disease in early July and were able to see treatment separation in our rating data. Then of course, the week before Field Day was cool and dry, and much of the dollar spot started to heal up. There was still some damage visible at Field Day but not eye-popping by any means. And now right after Field Day we are currently getting another flush of dollar spot damage. Of course!!! In all seriousness though that is a good problem to have so you won't hear any complaining from me.

This year we have a couple of very interesting dollar spot trials. First, we have been able to show that we can control dollar spot to a very high level by increasing the alkalinity of the turf canopy. Alkalinity is a measure of a solution's ability to neutralize acids. We theorize that by increasing the alkalinity of the turf canopy, the dollar spot fungus must produce much more oxalic acid, a molecule believed to be important for infection. This extra oxalic acid production has a metabolic cost that we theorize will result in less disease expression. And so far, the results look promising (Figure 1). The second interesting study that we are working on is trying to develop the molecule poacic acid as a dollar spot control. So far, results have been mixed, but we are still in the very



Figure 1. Early research looks promising on increasing leaf canopy alkalinity to control dollar spot. Plots in background are untreated, plots in foreground have been treated with potassium bicarbonate. Be on the lookout for more research from new grad student Zoltan Banyai in the next couple of years.

Table 1. Weather data for summer 2022 in Madison, WI.

	May 2022	June 2022	July 2022
Average Temp	62.1	69.0	72.7
Normal Avg Temp	58.1	68.0	71.9
Departure from Normal	4° warmer	1° warmer	0.8° warmer
Cumulative Precipitation	2.54"	4.02	5.42
Normal Precipitation	4.10"	5.28	4.51
Departure from Normal	1.56" drier	1.26" drier	0.91" wetter

Continued on page 15

early stages of research and development. Keep an eye out for our dollar spot reports sometime in September.

In addition to dollar spot research, we also have brown patch and *Pythium* foliar blight research trials. The *Pythium* trial this year so far has been pretty good. For us to get *Pythium* to show up at significant levels we have to use juvenile perennial ryegrass, water the heck out of it, fertilize the heck out of it, and then double cover it with Evergreen tarps for a couple weeks. The results can be spectacular (Figure 2). Brown patch has been much more difficult to encourage this year. We also have to double cover with tarps for brown patch but so far nothing has developed on the plots. It's supposed to be very hot and humid this weekend so hopefully we'll start to see something early next week.

We have several off-site studies this year. One looking at anthracnose on annual bluegrass fairways, another one on different annual bluegrass fairways looking at summer patch, and one for *Bipolaris* leaf spot on old bentgrasses. The anthracnose and summer

patch studies have been less than spectacular, but there is still plenty of time for hot weather to kick these diseases into gear. The *Bipolaris* study has been moderate. The studies should give us some interesting data. Be on the lookout for these reports on our website, tdl.wisc.edu, in September.

There will probably be some more stretches of stressful growing conditions before the end of August, but I think the worst is behind us. Soon I will end all our summer trials and publish the data on our website (tdl.wisc.edu), and then I will turn my attention to snow mold trials. This is one of my favorite times of the year because I really enjoy doing our snow mold trials. I always look forward to advancing research knowledge on these psychrophilic fungi. As always, if you have any questions on the studies that we do, feel free to reach out to myself (hockemeyer@wisc.edu) or Dr. Koch (plkoch@wisc.edu). Good luck out there! ■



Figure 2. *Pythium* foliar blight pressure can be spectacular on our study every summer.

CALENDAR OF EVENTS

September 19th	WeeOne golf outing	Pine Hills C C, Sheboygan
October 4th	WSTMA Fall meeting	O.J. Noer Facility, Verona
October 10th	WTA Fall golf outing	Oneida Golf & C C, Green Bay

To make sure a Winter/Spring turf event is still scheduled, please contact them directly.
 Phone numbers for some of the common organizations are listed below.

WTA Members -- If you have an important date that you would like to share with other members,
 Call 608-845-6536 or email audra.anderson@wisc.edu to include it in the next calendar.

Contact Telephone Numbers

GCSAA	Golf Course Superintendents Association	800-472-7878
iLandscape	the Illinois + Wisconsin Landscape Show	630-472-2851
NGLGCSA	Northern Great Lakes Golf Course Superintendents Assoc.....	906-424-4176
Northern	Northern Green	651-633-4987
PAT	Pesticide Applicator Training (Turf and Landscape 3.0).....	608-262-7588
STMA	Sports Turf Managers Association	800-323-3875
TDL	Turf Diagnostic Lab	608-845-2535
TPI	Turf Producers International	800-405-8873
WDATCP	Pesticide Certification & Licensing.....	608-224-4548
Wee One	Wee One Foundation Golf Outing	630-457-7276
WGCSA	Wisconsin Golf Course Superintendents Association	920-643-4888
WPT	WPT Garden Expo	608-262-5256
WSPA	Wisconsin Sod Producers Association	262-895-6820
WSTMA	Wisconsin Sports Turf Managers Association	920-723-0936
WTA	Wisconsin Turfgrass Association	608-845-6536

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