

## HAPPY HOUR - with the Turf Docs

By Josh LePine, Superintendent Maple Bluff Country Club, WTA Board Member



### Thursday, January 21st, 2021, Virtually 2-4pm

Save The Date! Take the afternoon off, curl up with a beverage of choice and join the Wisconsin Turfgrass Association as we virtually host *Happy Hour with the Turf Docs!*

Although COVID will not allow us to meet in person for Research Day 2021, we can still come together virtually and talk turf with some of the leading turf scientists in the world. Dr. Frank Rossi of Cornell University will lead a discussion with UW's Dr. Doug Soldat and, Dr. Paul Koch, along with Dr. Bill Kreuser from the University of Nebraska and Glen Obear. This no cost, informal discussion will highlight industry trends, challenges, current research, and hot turf topics. More importantly, it is an opportunity for our WTA members to ask questions and spark discussions on issues we face as turf managers.

We will be meeting via Zoom with an email invitation sent the day of the event for those that pre-registered. To receive the invite for this no cost event, you must sign up on the WTA website [www.wisconsinturfgrassassociation.org](http://www.wisconsinturfgrassassociation.org). We ask that you log on, sign up, include a preferred email address for the Zoom invite and submit a question or two. While on the website, please renew your WTA membership for 2021. Bring a friend or colleague, showcase what our great association has to offer and encourage them to join and support the WTA, its mission, and the University of Wisconsin-Madison turf program.

The WTA's mission is to support turfgrass research and education at the University of Wisconsin-Madison. This includes funding of programs in turfgrass management and allied disciplines that enhance the understanding and general knowledge of the art and science of maintaining turfgrass. We need your support, now more than ever, to continue this mission.

Please sign up for the Happy Hour and renew your WTA membership today. If you have questions about this event or becoming a WTA member, please contact Audra Anderson at [audra.anderson@wisc.edu](mailto:audra.anderson@wisc.edu) or 608 845-6536.

**Event:** *Happy Hour with the Turf Docs*  
**Date:** Thursday, January 21st, 2021  
**Time:** 2-4pm  
**Cost:** FREE (GCSAA CEU's applied for)  
**Platform:** Zoom (invite sent via email on January 21st)  
**Sign up:** Wisconsin Turfgrass Association website  
[www.wisconsinturfgrassassociation.org](http://www.wisconsinturfgrassassociation.org)

Enter name, preferred email address for zoom invite and turf related questions.

*Continued on page 3*

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## PRESIDENT'S MESSAGE

# Let's Wrap Up 2020 On A Positive Note

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



In my first letter to the membership I mentioned our biggest initiative in 2020 was to work with the board by increasing the membership count. I am extremely pleased to see that we were able to increase the membership by 28%, breaking the century mark. To all of you, I say THANK YOU, you are the ones that made it possible. This is far from the peak many years ago, so while I'm

happy to see the increase membership, we have bigger goals ahead of us.

It was an interesting year and I am extremely proud to be working with the great board members of the WTA. A great deal of flexibility and creativity was displayed. I have grown nostalgic for our in-person board meetings, however, everybody has taken to the virtual platform quite well.

A few highlights of 2020 beyond the increased membership.

- We were unable to hold a traditional field in person, however, the virtual field day saw more than 600 views.
- For the first time in three years the weather allowed us to have a golf outing, 90 attendees. Thank you to Westmoor Country Club and golf course superintendent Patrick Reuteman for a fantastic venue.

Even though we expect the pandemic to be in our rearview mirror at some point, I would imagine some of the 2020 innovations are here to stay for years to come.

- We remain passionate about increasing our membership count. Please encourage other industries members to join. By joining, you not only benefit through all the traditional avenues, but you make the green industry of Wisconsin stronger as a whole.
- You can expect more virtual content regarding research at the University of Wisconsin on the WTA website [www.wisconsin-turfgrass-association.org](http://www.wisconsin-turfgrass-association.org).
- Getting back to an in-person Field Day!
- Turf Doctor Happy Hour! (keep reading in the newsletter to learn more)

I hope this letter finds all of you well and we can congregate soon as a membership. I am extremely excited for the new ventures of the WTA and what the future holds. Until then, stay healthy and enjoy the potential calmness winter often provides in the green industry.

Cheers! ■



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Year behind board member name, is the expiration of their current term. January is the month the term is up.



## About the Turf Docs



Frank Rossi, Ph.D., is an associate professor and extension turfgrass specialist in the Horticulture Department at Cornell University. Dr. Rossi administers a broad-based research and education program focused on ecological aspects of turfgrass science. The goal of his research and education efforts for undergraduates, graduate students and industry professionals is to improve the environmental compatibility and economic feasibility of turfgrass management systems.



Doug Soldat, Ph.D., is a professor in the Soil Science department at the University of Wisconsin-Madison. He earned both his bachelors and master's degrees in soil science at the University of Wisconsin and Ph.D. in horticulture at Cornell University. He focuses on turfgrass, urban soils, nutrient management, water resources, soil testing and landscape irrigation.



Paul Koch, Ph.D., is an assistant professor in the Department of Plant Pathology at the University of Wisconsin-Madison. He earned his bachelors, masters, and Ph.D. in Plant Pathology at the University of Wisconsin-Madison. His research is focused on three areas: precision disease management using predictive models, pesticide fate and impact on turfgrass landscapes, and the turfgrass microbiome. Research in each area includes both fundamental and applied objectives to gain a broad biological understanding of the system with the intent of developing pest management recommendations for the turfgrass industry that are both effective and reduce non-target impacts.



Bill Kreuser, Ph.D., is an extension specialist and assistant professor at the University of Nebraska-Lincoln. He earned his bachelor's and master's degrees at the University of Wisconsin-Madison and his Ph.D. at Cornell University. Dr. Kreuser's research focuses on turfgrass soil, water, and nutrient management. Current interests include the relationship between turf crown moisture and temperature stress tolerance, sustainable lawn management, use of nitrogen sensing technology to increase fertilizer application precision, and the cause and management of impermeable iron-oxide layers in sand-based putting greens.



Glen Obear is the Director of Innovation with Tria Global Solutions. Glen's work focuses on developing innovative technologies aimed at improving soil health, plant health, and water quality. Glen has spent over a decade as a researcher in the plant and soil sciences fields and is an expert in turfgrass soil and water chemistry. Glen earned M.S. degrees in Entomology and Soil Science at the University of Wisconsin-Madison and is currently completing his Ph.D. in Agronomy and Horticulture from the University of Nebraska-Lincoln.

# What Is Next!

By Bruce Schweiger, Superintendent O.J. Noer Turfgrass Facility

Every year since 2018, the WTA has been unable to host one of the yearly events we all have been enjoying for decades. The 2018 Kenosha Country Club and 2019 Tuckaway Country Club golf outings were cancelled due to weather and Covid-19 cancelled the in-person 2020 Summer Field Day. What is next?

Next is the 2021 Winter Turf Research Day. As we all understand it is still too early to assemble in a room with close to 100 people to learn of the newest and greatest from the turf research team from University of Wisconsin-Madison. Officially, the Winter Turf Research Day 2021 is cancelled.

One of the missions of the WTA is to disseminate research being done by the turf team. This year the WTA has not been able to accomplish this mission very successfully. In an effort to get that research to you, the WTA Board has authorized the email distribution of four supplemental newsletters that are focused specifically on the research that is

being conducted at the O.J. Noer Turfgrass Facility. They will be emailed to WTA members every month, December through March. These supplemental research newsletters will be dedicated to research only. In each newsletter there will be two 2020 research reports from each member of the turf team, Dr.'s Soldat and Koch. By publishing these four newsletters they will each be able to share eight of this year's projects. Because they are being published in the off season the hope is that you will have time to read them and contact them with any questions you may have before the 2021 season begins.

There has been one shining light of the above cancelations, our annual Vendor Sponsors. The past few years, vendors have proven to be a great support the WTA receives. In the past three years they have not altered their patronage for the WTA even with the reduced advertising opportunities. This proves how much our

vendors in the green industry support the turf community. Of course, they are in business to make money, but this kind of un-wavering support shows their true commitment of the research being conducted in Wisconsin and the entire industry. You make choices everyday where to purchase your products, we hope you will take notice of these vendors that you see supporting the WTA and return that loyalty.

As this is being written the Covid-19 cases are soaring and without each of our cooperation and patronage, the WTA and the research it supports would suffer. 2021 is fast approaching and hopefully with time we can return to Summer Field Day, Winter Turf Research Day and continue with Fall Golf Classic! Until then stay healthy, socially distanced and wear a face covering until we turn the corner. ■



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# Snow Mold Research Season Is Here!

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

The next few days might hit 70 here in Madison in November, so it's a perfect time to write an article about snow mold, right? Despite the balmy weather we are gearing up for lots of snow mold applications in the next few weeks.

Our large snow mold study this year is 78 treatments, which is a little bit smaller than we've had in years past. This is fine by me as it just makes things a little bit easier when there are less treatments to apply. This study is replicated in both Marquette, MI (Figure 1) and Wausau, WI. The final treatments in Marquette will be going down tomorrow (early Nov) and the Wausau treatments will go down sometime next week, depending on how nice the weather is to us. Permanent snow cover at both locations should not be far behind the final applications. Then we will hope for good snow mold weather and good data next spring after snowmelt.

Our snow mold timing study, which is replicated in Minocqua, Wausau, and Madison, is aiming to come up with a temperature-based timing threshold to help folks properly time their snow mold applications. This study has been going on for several years now and hopefully we get some good data again this year and get this study that much closer to publication. Our central WI locations in the past have struggled to get meaningful data for various reasons and that is why it has taken us so long to publish the results from this study.

The pink snow mold study conducted here at the Noer will be returning for another year. (Figure 2) Currently our technique involves applying various fungicides in 3 ft by 4 ft plots and letting that sit for 24 hours. Then we come in with rye grain that has the *Microdochium* fungus growing on the grains and spread that over said plots. We have built some wood frames with some pink insulation board on top. These frames are placed over the plots (Figure 2), and a Greenjacket impermeable cover goes on top of the frames. The frames and the

Greenjacket help insulate the soil and keep it from getting too cold. This creates the perfect environment for *Microdochium* to grow and infect the turf under the covers. Pink snow mold pressure in Madison is very inconsistent and so we need to use these techniques to ensure pink snow mold development. For all of these snow mold studies, keep an eye out for our reports next spring on the TDL website ([tdl.wisc.edu](http://tdl.wisc.edu)).

As we approach December, I will be sending out TDL Contract Renewals. So please be on the lookout for those renewals and please renew your contract if you can. I know this year was a weird one for most, but if you are not already a contract member, please consider becoming one and help be the foundation that holds up the TDL. Without our contract members, the TDL would simply not exist. In addition to submitting samples at a reduced price, getting the bi-weekly TDL Updates during the summer, and getting timely diagnoses, I also have copies of Dr. Aaron Patton's 'Weed Control for Professionals' and a TDL winter hat. Dr. Patton's book supplies up-to-date herbicide and plant growth regulator information that turfgrass managers can use to develop effective herbicide programs for golf courses, athletic fields, lawns, etc. The winter hat keeps your head warm in style. If you would like me to send you a book and/or a hat, please let me know after you have renewed your contract for 2021. I sent these books and hats to most of our contract members last year, so please let me know if you want some more of either. More information on becoming a TDL contract member can be found on the following webpage, by visiting the TDL's website (<https://tdl.wisc.edu/contract-membership/>). Please contact either myself ([hockemeyer@wisc.edu](mailto:hockemeyer@wisc.edu)) or Dr. Koch ([plkoch@wisc.edu](mailto:plkoch@wisc.edu)) if you have any interest in becoming a contract member. Or you can phone the lab at 608-845-2535. Thank you for your time and consideration. ■



Figure 1. The Marquette snow mold trial. Next spring these 3x10 ft rectangles will be a hodgepodge quilt of various levels of snow mold control.

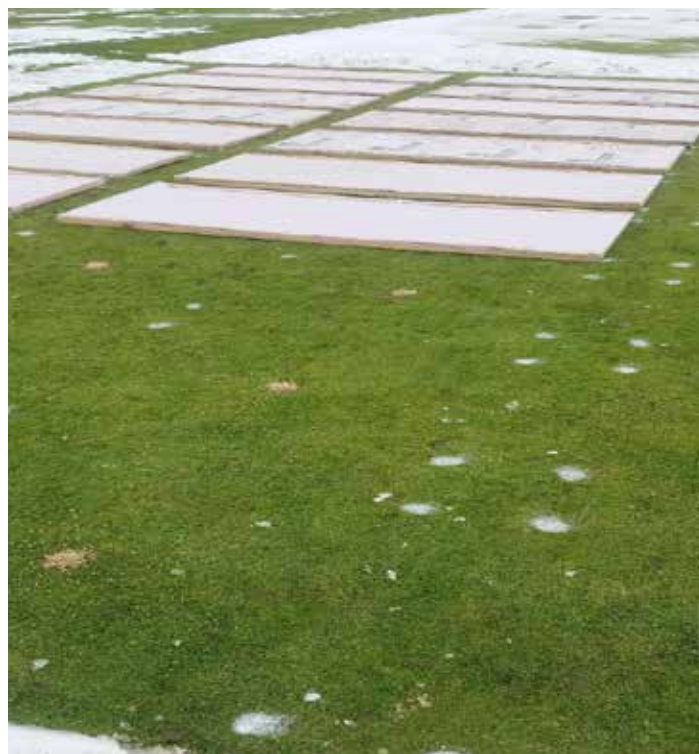


Figure 2. The pink snow mold trial at the OJ Noer. The insulation frames help create the perfect environment for *Microdochium* to grow and infect even without adequate snow cover and insulation.



# Online Winter Education Options Galore

By Doug Soldat, PhD, Soils Department, University of Wisconsin-Madison

With the pandemic still on-going, the WTA board has made the decision to cancel Research Day, which has been held in January as an in-person and webinar conference. Research is an extremely important part of managing your turf. To provide that research and information to help you keep your records up to date, I will be offering an online course on NR-151 this winter. NR-151 is the Department of Natural Resources administrative rule that deals with limiting pollution from runoff. It states that all fertilized turfgrass areas greater than 5 acres must have a nutrient management plan in place. This online course will be free of charge and made specifically for those folks looking to update their nutrient management plans or create one if they are new to the state or industry. This will be a learn-at-your-own-pace course, you can start from the beginning where we introduce and explain the rule, or if you are familiar enough with all that, you can jump to a section that better piques your interest. There will be a forum on the course web page that I will monitor where attendees can ask specific questions. More details will be coming in January 2021 at [www.wisconsin-turfgrass-association.org](http://www.wisconsin-turfgrass-association.org)

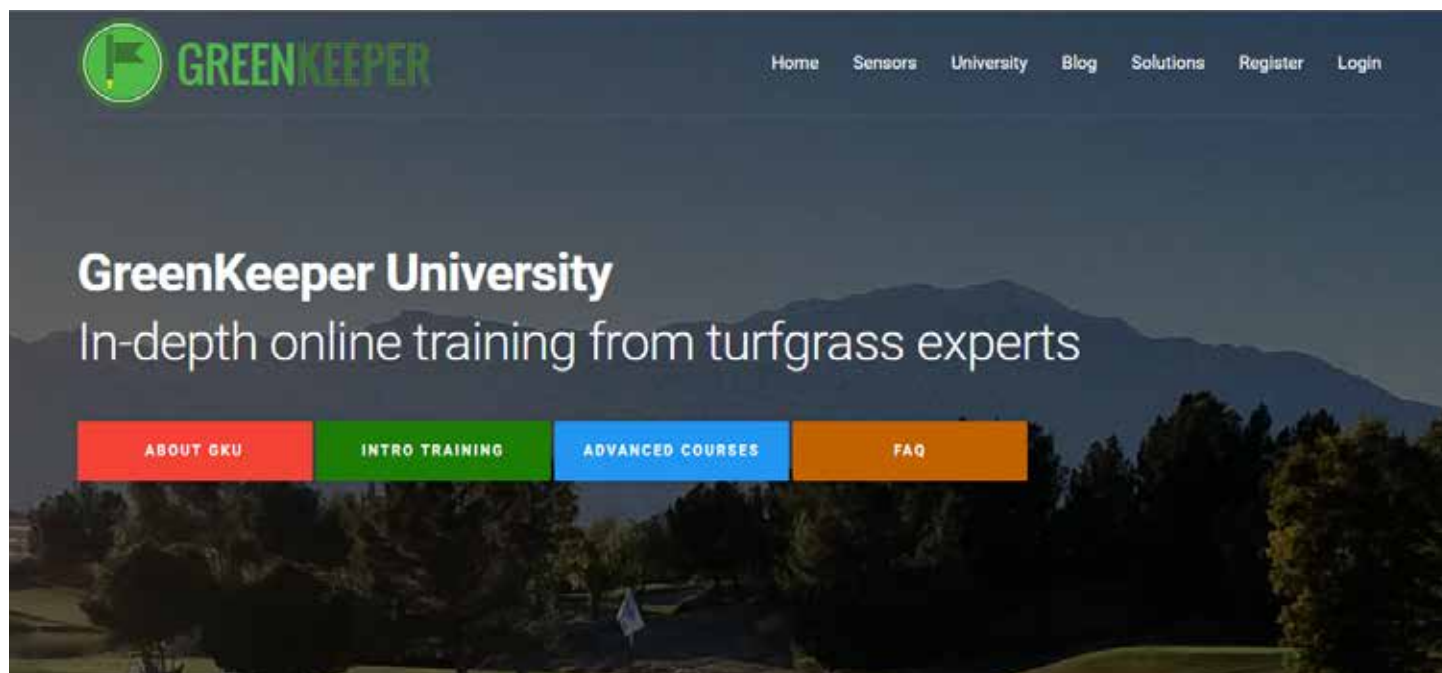
The Covid-19 situation is forcing many educators rapidly to learn the ropes of online education. However, for the educators associated with the Great Lakes School of Turfgrass Science, it is just another year. In fact, it will be the 8th year for this online

introductory short course. The 2021 Great Lakes School of Turfgrass Science is a 12-week program that provides participants with thorough and practical education in turfgrass management. The program is taught by 12 turfgrass scientists and educators from five land-grant universities and other organizations. This program covers all aspects of turfgrass management, including turfgrass identification, soil science, turfgrass establishment, fertilizer planning, mowing, abiotic stresses, irrigation, insects, diseases, weeds, specialty products, and mathematics and calibration. It is a perfect course for those that work in the green industry but lack a formal education, or those new to the industry, or those with experience and a formal education but are looking for a refresh and review of the latest and greatest in turfgrass science. The online format allows students to access the course materials at their convenience. Students may also participate in live discussion sections each week. The fee for the course is \$550, which includes supplemental materials and a certificate after the successful completion of the program. To register, visit [www.greenkeeperapp.com](http://www.greenkeeperapp.com), then click on "university", then click on "intro training". The registration deadline is December 20th, 2020. The first week will be January 11th, 2021. Note that there are two options, one for those interested in golf turf, and another version for those primarily interested in lawns, grounds, or sports turf.

After completing the introductory course,

many of our students have asked about advanced training opportunities. This year, GreenKeeper University is offering more than a dozen courses in specific or advanced topics that build upon the material introduced in the Great Lakes School of Turfgrass Science. These courses range from three to nine weeks in length. Course topics include PGRs (with Dr. Bill Kreuser), Soil Testing (with me), Putting Green Management (with Dr. Thom Nikolai), Insect Identification and Control (with Dr. Ben McGraw), Integrated Pest Management (with Dr. Jim Kerns), Diseases of Cool-Season Turfgrasses (with Dr. Paul Koch), and many more. These courses follow the same format as the Great Lakes School of Turfgrass Science, which we strongly encourage students to take prior to registering for advanced courses. If the student does well and enjoys the introductory class, then the advanced courses at GreenKeeper University are likely to be a good fit. To register, visit [www.greenkeeperapp.com](http://www.greenkeeperapp.com), then click on "university", then click on "advanced courses". After successfully competing 20 credits of advanced course work, students earn a diploma.

For additional information on any of these online learning opportunities, please contact me at [djsoldat@wisc.edu](mailto:djsoldat@wisc.edu) or by phone at 608-469-0378. I look forward to seeing you in class this winter! ■



# Disease Profile: Snow Mold

By Paul Koch, PhD, Plant Pathology, University of Wisconsin-Madison

Snow molds are very familiar to those who manage turf in Wisconsin, and past turfgrass professors at Wisconsin have made the University of Wisconsin one of the foremost centers of snow mold knowledge in the entire world! As winter bears down, let's review this important disease.

## The Disease(s)

Snow molds are actually a collection of several different diseases that have one thing in common...they cause disease in cool or cold conditions. Pink snow mold (aka *Microdochium* patch) is caused by the fungus *Microdochium nivale* and causes roughly circular patches of tan or brown turf 1 to 3 feet diameter that sometimes have a pinkish hue around the outer edge of the patch (Figure 1). It is most prevalent during periods of prolonged snow cover on unfrozen ground BUT does not require snow cover to cause disease. In fact, the same fungus can cause smaller, irregular patches up to a foot in diameter during prolonged periods of cool (temperatures in the 40s and 50s) and wet weather.

Gray snow mold is caused by the fungus *Typhula incarnata* and requires approximately 60 days of snow cover to cause disease. The snow cover acts as an insulating blanket to warm the surface temperature and trap moisture. Symptoms appear as circular patches of tan or brown turf 1 to 3 feet in diameter and the fungus produces characteristic 'sclerotia' (long term survival structures) in infected foliage that are red in color (Figure 2). These sclerotia are produced in the spring following snow melt, and during summer they fall off infected tissue and can start new infections the following fall.

Speckled snow mold (also sometimes referred to as gray snow mold) is caused by the fungus *Typhula ishikariensis* and requires approximately 90 days of snow cover to cause disease. The patch symptoms are similar to gray snow mold but the sclerotia produced by *T. ishikariensis* are smaller and black, almost looking like someone sprinkled pepper on the turf (Figure 3).

There are other snow mold diseases that can occur such as snow scald and cold-weather *Pythium* diseases but pink snow mold, gray snow mold, and speckled snow mold are the big three in Wisconsin.

## Managing the Disease

Snow mold can be an extremely damaging disease, particularly on golf course turf. Snow mold that occurs on lawn height turf typically doesn't result in turf death, and for that reason we rarely recommend preventative fungicides for lawn height turf. Golf courses routinely require fungicide applications to provide acceptable conditions in the spring. Specific comments about snow mold management are below:

- Limit nitrogen fertilizer in the late fall. Turf that is still growing and green is highly susceptible to snow mold over the winter. Stimulating late fall turf growth through nitrogen applications is an excellent way to increase snow mold damage. Try and avoid heavy nitrogen fertilizations past mid-September to limit that late season growth.
- On creeping bentgrass, avoid potassium fertilization unless a test indicates potassium deficiency. Research from Dr. Soldat's program on creeping bentgrass clearly showed that higher rates of potassium fertilization increased the severity of pink snow mold. While it's unclear how this research relates to other turfs, potassium is a very commonly applied 'winterizer' fertilizer and in some cases may do more harm than good.



Figure 1. Pink snow mold shortly after snow cover at the O.J. Noer Turfgrass Research Facility.



Figure 2. Sclerotia produced by *Typhula incarnata* (gray snow mold) that are larger and red in color.



Figure 3. Sclerotia produced by *Typhula ishikariensis* (speckled snow mold) that are smaller and black in color.

Continued on page 8



- Mulch or remove leaves or other things that may trap heat and moisture over the winter. I already mentioned above that snow cover causes snow mold by acting like a blanket on the turf, which traps moisture and moderates surface temperatures to create a great growing environment for the fungus. If leaves or a winter tarp cover smother the leaves, it will also likely trap heat and moisture and increase the potential for snow mold. Leaves in the fall should either be removed from the site or mulched into the site. If mulching, make sure that at least half the turfgrass leaf blade is visible protruding from the leaf debris.
- Manage thatch. Thick thatch layers can hold excess moisture and provide safe harbor to the snow mold fungi. If the thatch layer on a site is excessive (>0.25 to 0.5 inches), then reduce the thatch layer through aerification or other means.
- Fungicides. If the site is a high value site such as a golf course, sports turf, or high value lawn, preventative fungicide applications may be warranted. Fungicides should be applied preventatively in the late fall prior to permanent snow cover, but not so early that they degrade significantly prior to snow cover. In Wisconsin this ranges anywhere from the last week of October to early December depending on the year and the location. Mixtures of fungicides are often required to provide acceptable control, especially on more susceptible golf course turfgrasses. Note that gray and speckled snow mold fungi are no longer active once the snow melts so a fungicide application targeting these two diseases in the spring following snow melt is useless. Pink snow mold can still be active in the spring following snow melt, though the activity is usually pretty minor and fungicide applications are rarely required. For more information on recommend snow mold fungicides, please visit Turf Pest Management Mobile (<https://turfpests.wisc.edu/>) and click on 'Gray/Speckled Snow Mold' and/or Pink Snow Mold/Microdochium Patch.

### Recovering From Snow Mold

Encourage recovery by lightly raking up affected areas and providing sufficient nitrogen fertilizer to drive turf growth. Most snow molds don't completely kill the turf, but

in certain severe cases turf plants may be killed and interseeding of desired turfgrass species may be recommended. However, recovery from snow mold, like any sort of winter injury, is often dependent on the spring

growing conditions. No matter how much seed or nitrogen you put down, the turf won't recover until conducive growing conditions persist. ■

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# WTA Fall Golf Outing – Westmoor Country Club

By Bruce Schweiger, Superintendent O.J. Noer Turfgrass Facility

The day started out with a nice email from David Brandenburg reminding me of the last time the WTA played the Fall golf outing at Westmoor Country Club; it snowed and only a handful of players actually completed the round of golf. In those days, all meetings were coat and tie required. My memory is at that meeting the shower after golf was to get feeling back in your toes! This year the weather cooperated. We had a sunny sky with bit of a breeze and the temperature just making 60. The day turned out perfect, especially when you compare it to the last two years of rainouts.

All the people I worked with at Westmoor Country Club, Vince P. the Golf Professional, Kate Wilson at Events, and of course Patrick Reuteman, Superintendent made this a very easy event to arrange and conduct. The entire staff at Westmoor Country Club was amazing. THANK YOU to all the Westmoor Country Club staff for all you did for the WTA.

Being 2020, the year of COVID, I was concerned about the turn-out. In my early discussions with the club, I hoped for 60 players and to my surprise, 90 people played golf. There were many familiar faces and some new ones. It is the players that make the day successful. As I drove around the course, it sure looked like fun was being had by everyone. The course was in excellent shape and the addition of the wind was a supreme challenge for all the players.

This year we had some nice surprises. Some people were not able to play or had COVID concerns but they still wanted to support the WTA. They stepped up and sponsored tee signs. Here are the companies that sponsored tee signs: Aquatrols, Weed Man, SiteOne, DHD Turf & Tree, Advanced Turf Solutions, WSTMA, Insight FS, Syngenta, Waupaca Sand and Solutions, GrassRoots Magazine (WGCSA), JW Turf, National Golf Graphics, South Hills Golf & CC, Maple Bluff CC, Corteva, Helena, The Anderson's, Pendelton Turf Supply, Wausau CC, TDL, Soldat Family, Reinders, The Club at Strawberry Creek and Midwest Turf. Additionally, Superintendent Patrick Reuteman paid for the coolers of beer on the course. I am not sure, but those coolers of beer might have added to the challenge on the course.

Throughout the day everyone was on their best COVID behavior with social distancing and the wearing of face coverings. Westmoor Country Club had its policies on



Kyle Lyne, Andy Kurth, Shane Griffith



Mike Kerig, Mike Krupke, Josh Veit, Joe Jehnsen



Carlie Shaw, Joel Peterson, Nathan Miller, Steve Houlihan



Patrick Reuteman, Mark Mejchar, Dave Mihlsimmer, Phil Spitz

Continued on page 11



• THE PROS OF BEING A PRO •

# EXPERT ADVICE

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face coverings and the staff made them very easy to comply with and not hamper any of the good times.

After golf, we convened on the patio and had some hot hors d'oeuvres. There was plenty of space for social distancing and the food was terrific. After some brief socializing it was on to the prizes. In the past, there has always been a big raffle drawing. With the cancellation of the past two golf outings, the WTA had enough prizes for this year's event. Due to COVID, the raffle prize drawing was done the week before by Audra and me. Before golf, all the raffle prizes as well as WTA ball markers donated by SAS Management were distributed onto everyone's golf cart. Each year we have a few kind players bring a raffle prize to the event. This year was no different, but since the WTA placed the prizes on the cart before golf, these were supplemental. Each of these prizes were handed out at an "old normal" raffle prize drawing after golf. The prizes this year were:

Golf Bag donated by DHD Turf and Tree, Dan Quast and Joe Jehnsen; One dozen Titleist Pro VI donated by Peter Meyer, National Graphics (Peter also sponsored the four flag event); Portable InstaPot donated by Dave Radaj, Midwest Turf; Golf Hat by the WTA; Amazon Gift Card donated by Waupaca Sand & Solutions. We then announced the golf prize winners and thanked everyone for their support and attendance. The day ended early and most everyone should have been able to be on the road home ahead of the Milwaukee rush hour traffic.

The golf prizes were awarded as follows: Closest to the pin Hole #3 Dave Radaj; Longest putt made Hole #7 Trygve Ekherm; Longest putt made Hole #12 Mike Bremmer; Closest to the pin Hole #14 Tim Grainger.

The events prizes are as follows: 1st place at 12 under par, **Durrell Naquin, Nick Adel, Eric Leonard, Trygve Ekherm**; 12 place at -3 (card playoff) **James Liebham, Brian Opheim, Brandon Schegetz, Bill Schwantes**; Last place at +8 **Tom Schwab, Ken Schwark, Joe VanGemert, Dan Fenney** (Retired Mr. Schwab needs to go back to golf and get off the mountain bike!)

Thank you to everyone who helped put on this event. A special thank you goes out to the Board of Directors at Westmoor Country Club and the entire staff for allowing us to enjoy Westmoor Country Club. I did remember that I was remiss in not introducing the WTA Board Members that were in attendance, to them I apologize. They are as follows: Brad Debels, President, Weed Man; Grayson Harms, Secretary, Reliable Property Services; Josh LePine, Board of Directors, Maple Bluff Country Club; Dan Harrier, Board of Directors, SiteOne Landscape Supply; Mike Bremmer, Board of Directors, J.W. Turf.

Stay safe and healthy. I am already working on a venue for next year, so if you would like to be a host please get in touch with me. ■

**BETH DUSCHACK**  
T&O TERRITORY MANAGER  
608-216-5066  
beth.duschack@corteva.com

**John "JT" Turner**  
Territory Manager,  
Aquatrols

☎ 1-630-215-6110  
☎ 1-630-443-7807  
✉ jturner@aquatrols.com

📍 40W665 Campton Woods Drive  
Elburn, IL 60119

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dave\_louttit@andersonsinc.com  
www.andersonspro.com

# CALENDAR OF EVENTS

January 21st, 2021    Happy Hour with the Turf Docs..... Virtually

To see if a Fall/Winter turf event is still scheduled, please contact them directly.  
Phone numbers for some of the common organizations are listed below. Stay safe and healthy!

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](mailto: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
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
WGIF	Wisconsin Green Industry Federation .....	414-529-4705
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	<b>Wisconsin Turfgrass Association .....</b>	<b>608-845-6536</b>