



The Mountain State Greenletter

Volume 15, Issue 2
February 2023

West Virginia Golf Course Superintendents Association

Board of Director's Message

This should be the time of year that we are gearing up for Spring and the start of a new season but, at Riverside GC, it seems like we haven't stopped long enough to begin again. The mild temperatures have kept us busy as we've had more play this offseason than any other that I can remember. While winter business is appreciated revenue, it can lead to unexpected logistical issues with staffing and supplies.

I wish you the best as you head into the new season and look forward to sharing stories at our next chapter meeting. Until then, make sure those blades are sharpened and the batteries are charged.

Mitch Roush, President
Riverside Golf Course

Upcoming Important Dates

Spring Meeting @ Marietta CC | Tuesday, May 9th
Lunch and Meeting - 11am | Golf at Noon
Cost - \$40 per person

WVGCSA Scholarship Fundraiser | Monday, June 12th
Berry Hills Country Club, Charleston
More Details Below

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The West Virginia Golf Course Superintendents Association
presents the 38th Annual Scholarship & Research Fundraiser Golf Tournament

Berry Hills Country Club – Charleston, WV

Monday, June 12th, 2023

Registration 10:00 am | Shotgun Start 12:00 pm

Format: 4-person scramble with no minimum Handicap

Special Club rate of \$600 per 4-person team

This must include 4 members from one Club or Resort

(Superintendent, Owners, Managers, Assistants, Golf Pros, Spray Tech or Mechanics, etc.)

Entry Form

\$700 per team (\$600 for club teams) includes: *Closest to the Hole, Longest Putt, Longest Drive & 50/50 Contests, Boxed Lunch & 8 beverage Tickets provided for on the course. Towels will be given for the tee gift this year! Cash bar and cook out following golf.*

Total Enclosed \$ _____

Golf Team Name _____

Player # 1 _____ Email _____

Player # 2 _____ Email _____

Player #3 _____ Email _____

Player #4 _____ Email _____

ENTRIES ARE LIMITED TO THE FIRST 36 TEAMS. PAYMENTS MUST BE INCLUDED WITH THIS REGISTRATION FORM. *PLEASE RETURN BY MAY 28th*

Make checks payable to “**WVGCSA**” and return to:

WVGCSA | PO Box 335 | Charleston, WV 25322

Call Tony Coppa for Questions at (304)280-0034

If paying by credit card, please email Amber Breed at 1971wvgcsa@gmail.com



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a round

APRIL 24 - 30, 2023

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Proceeds raised from the auction
are used to fund turfgrass research,
education programs and advocacy
efforts as deemed a priority for the
organization receiving the funding.

Auction Dates: April 24 – April 30, 2023

FACILITY INFORMATION

Name of Facility:		Address:	
City:	State/Province:	Zip Code:	Country:
Business Phone:	Fax:	Web Site:	

SUPERINTENDENT CONTACT INFORMATION

Name:	Title:
Phone:	Email:

SECOND CONTACT PERSON FOR DONATION QUESTIONS

Name:	Title:
Phone:	Email:

BUILD YOUR DONATION PACKAGE

of holes per round: 9 18 27 36

of golfers per round: Foursome (4 Golfers)* Foursome (3 Golfers & 1 Member) Golf for 2

*If a foursome, will you allow to be split into two groups of two? Yes No

Please indicate additional items included in your package donation: Golf Carts Meals Hotel Range Balls

Please provide details for these additional items: _____

Please indicate any restrictions that apply to your package donation: Golf Appropriate Attire Required

Blackout Dates: _____

Please circle days available: Mon Tues Wed Thurs Fri Sat Sun

Time frame available for tee time: _____

Please list any other details/stipulations/guidelines for your donation: _____

What is the total value of this donation package? (Include total value of fees, etc.) \$: _____

How many of the above donation packages do you wish to donate? _____

If your facility is associated with a management company, please provide their name: _____

Opening bid amounts are automatically set at 1/3 of the estimated value. Please indicate if you would like to set the opening bid at an alternate amount: ¼ of estimated value ½ of estimated value Other: _____

To continue donating to future auctions, please circle the year(s) you would like to duplicate your donation: **2024 2025 2026**

REDEMPTION CERTIFICATE

I would like the GCSAA Foundation to provide the necessary gift certificates. Please provide expiration date. If no expiration date is provided, it will default to one year from purchase date.

I will provide the necessary gift certificates and will mail to the GCSAA Foundation headquarters with this donation form.

(If certificate(s) is not received by May 1, 2023, the GCSAA Foundation will produce an official Rounds 4 Research certificate for the winning bidder.)

Expiration date for certificates: _____

UNABLE TO DONATE A ROUND?

Please consider a monetary donation to support our cause. Include a check with this donation form or call 785-832-4445 to make a donation via credit card.

DONATION PROCEEDS

Proceeds from your donation will benefit:

_____ or GCSAA Foundation

Name of GCSAA Chapter or Turfgrass Foundation

The Foundation and GCSAA do not assume any responsibility whatsoever for the donation within the Foundation. Donor hereby expressly agrees to release, indemnify and hold harmless GCSAA and The Foundation, and their officers and directors, from any and all claims including, but not limited to, injury, death and loss of property, including said donation, that may be sustained.

Authorized Signature:

Print Name and Title:

Date:

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Winter Injury Prevention Strategies in Midwinter

By Adam Moeller, director, Green Section Education

February is a tricky month for golf course superintendents in northern areas. Many putting greens in the Northeast have gone in and out of dormancy several times, which means the turf is more vulnerable to damage at arguably the most lethal time of winter.

There are some important things to remember with winter injury. First and foremost, *Poa annua* is much more susceptible to damage compared to creeping bentgrass. Research has shown that *Poa annua* has a lower level of freezing tolerance and it will deharden – i.e., lose freezing tolerance – more readily than creeping bentgrass. A study at Olds College in Canada found that certain biotypes of *Poa annua* can lose freezing tolerance when subjected to temperatures of 45 degrees Fahrenheit for 48 hours (Tompkins et al., 1996). With many parts of the region experiencing temperatures near or above 45 degrees Fahrenheit recently, it's safe to assume the turf isn't as prepared for single-digit temperatures compared to earlier in winter.

Direct Low-Temperature Kill

Knowing that concerns exist for direct low-temperature kill, there is little that can be done at this point in winter to prevent damage. However, closely monitor temperatures on greens that occupy colder growing environments to document site-specific conditions. Also, bring turf samples inside a few times during the remainder of winter so you have a sense for what, if any, level of damage has occurred.

Crown Hydration Injury

Preventing crown hydration injury primarily comes down to reducing the potential for the turf to take up water and refreeze. *Poa annua* is more likely to take up water during a warm stretch of weather compared to creeping bentgrass, which is why it's so susceptible to crown hydration. Removing snow or cutting drainage channels within the snow can be effective at minimizing water uptake and refreezing events, but there are plenty of examples where these actions have caused more damage than they prevented. Removing snow also requires ample labor, so it's a hard decision to make and hard to execute. If a refreezing event seems imminent, superintendents have greatly reduced the potential for crown hydration by cutting sod channels or using dry wells to ensure water drains off putting greens. Give these temporary drainage solutions a try and you won't regret it the next time you have melting snow or a rainfall event in late winter.

If you have questions or concerns about winter injury and prevention strategies, contact your regional USGA agronomist.

References

Tompkins, D.K., C.J. Bubar. J.B. Ross. 1996. Physiology of low-temperature injury with an emphasis on crown hydration in *Poa annua* L. and *Agrostis palustris*. 1996 PTRC Annual Report. pp. 40-49.

Northeast Region Agronomists:

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Elliott L. Dowling, senior consulting agronomist – edowling@usga.org



Cutting sod channels can be an extremely effective strategy to reduce the potential for crown hydration injury.



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Berry Hills Country Club – Charleston, WV

Monday, June 12, 2023

The Annual Fundraiser has been a huge success thanks to your support.

Gold Sponsor-\$1000

4 Person team entry, Name on Major Sponsor Sign, Tee Sponsor Sign, & Ad in Newsletter

Silver Sponsor-\$850

4 Person Team Entry, Name on lunch Sponsor Sign, & Tee Sponsor Sign

Bronze Sponsor-\$750

4 Person Team Entry & Tee Sponsor Sign

Gold Sponsor wishing to add more than one team will receive a discounted price of \$600 for each additional team!

Sponsorship will help to provide Lunch, Beverage Cart, and Cook Out at the final reception. Your continued support is crucial to the success of the fundraiser.

All Corporate Sponsors must be received by June 1, 2023. We would like to thank you in advance for your continued support. Feel free to contact me at (304)280-0034.

Thank You, Tony Coppa
Fundraiser Chairman



TEE SPONSOR FORM

The West Virginia Golf Course Superintendents Association will be holding their 38th Annual William C. Campbell Scholarship and Research Fundraiser Golf Tournament on Monday, June 12th, 2023 at Berry Hills Country Club.

The Annual Fundraiser has been a huge success thanks to your support. We will once again be offering hole sponsorships for you to consider. Each hole sponsor will have their sign clearly displayed on a tee, as well as displayed on the Sponsor Board during the event. With your continued support, we can make this year's event our most productive ever as well as great fun for all involved.

If you would like to change the verbiage on last year's tee sign or if you are a new sponsor, please include your verbiage below. Please, no more than 4 words allowed per line.

Line #1 _____
Line #2 _____
Line #3 _____
Line #4 _____

Contact Person _____
Phone Number _____
Address _____

Company _____

(If different from above)

Number of Holes sponsored _____ @ \$100.00 for 1st sign & \$50.00 for additional tee signs \$ _____ Total Sponsor

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