# Earn CECs Online for No Cost in Joint OGSA & GCSAA Offering

In partnership with the Ontario Golf Superintendents' Association (OGSA), the Golf Course Superintendents Association of America (GCSAA) is now making select On Demand webinars available for no charge until June 1, 2020.

Reviewed and approved by The IPM Council of Canada for Continuing Education Credits (CECs) in their program, each On Demand includes the recording and a short quiz required to earn CECs.

Visit GCSAA's web site and log in. Move to the Education tab and Enter the **Learning Hub** and then go to the *Canadian Credit* category in the Catalog to find the *Version for CEC* that has no fee and register.

No username? You can create a username and password, then email Lisa Wick, GCSAA, Sr. Manager, e-Learning Programs at lwick@gcsaa.org for Learning Hub access. Call GCSAA at 1-800-472-7878 with questions.

**Enhancing Your Weed Control Program: Cool-season Turf**

Why didn't the herbicide kill the weed? In this 90-minute webinar, Aaron Patton, Ph.D., will help you know how to answer that question for yourself and improve your weed control program in your cool-season turf by better understanding herbicide activity and weed biology. **CEC value:** 1.5

**Factors that Affect Pesticide Fate and Behavior on the Golf Course**

Travis Gannon, Ph.D., will help you learn more about the biological and chemical attributes of pesticides and how they behave after application on your course.
**CEC value:** 1.5

**GDDs for Timing PGR Applications and Re-Applications**

Details in this webinar taught by Bill Kreuser, Ph.D., can help you maximize the benefits of plant growth regulators (PGR). **CEC value:** 1.5

**How to Read Your Soils Report**

Learn more about how to correctly read your soils report during this 90-minute webinar with Beth Guertal, Ph.D., who shows examples of various documents and provides key details on how to use that information on your golf course.
**CEC value:** 1.13

**Increase the Precision of Your Nitrogen Application**

Utilization of soil moisture probes for irrigation, environmental models for seed head and pest control, and GDD models to schedule PGR applications have increased the precision of turfgrass management over the past decade. Nitrogen fertilization scheduling, however, is still largely based on historical management practices and qualitative observations. In this 90-minute webinar, Bill Kreuser, Ph.D., highlights current research in the area of nitrogen management and investigates the potential for technology to improve application precision on creeping bentgrass golf turf.
**CEC value:** 1.0

**Optimizing Your Annual Bluegrass Weevil Management Program**

The annual bluegrass weevil (ABW) is a severely destructive insect pest of golf course turfgrass throughout the eastern US and Canada. In this 2-hour webinar, Ben McGraw, Ph.D., discusses the keys to successful ABW management, including proper timing and selection of chemical controls, effects of cultural practices, and alternatives to chemical insecticides. **CEC value:** 2.0

**Reclaimed Waste Water for Turf Irrigation**

Water challenges are impacting more turfgrass managers than ever and all indications are the trend will only increase. David Kopec, Ph.D. and extension specialist at the University of Arizona in Tucson, has been dealing with and teaching about water quality issues for decades. In this 90-minute webinar, he addresses, in practical terms, the classifications of Reclaimed Municipal waste water (RMWW) and the quality parameters about which you should be aware. **CEC value:** 0.75

**Review Your Bentgrass Greens Management Plan**

Turfgrass breeders have done a phenomenal job of developing new creeping bentgrass cultivars with fine texture, high density, and improved environmental stress tolerance. These advancements, combined with improved machinery, alter the way you manage creeping bentgrass putting greens. Mowing heights are lower, lightweight rolling is regularly applied, and greens still receive a lot of foot traffic from golfers. In this 90-minute webinar, Joey Young, Ph.D., reviews how all three factors can affect the quality and physiological health of creeping bentgrass. **CEC value:** 1.5

**Sand Topdressing Programs – Benefits and Challenges**

Sand topdressing putting greens has proven to be a valuable management practice that yields several benefits, both agronomic and from a playability perspective. As putting green grasses have become denser and finer-textured, it is often a challenge to incorporate topdressing sand into the putting green canopy. In this 90-minute webinar, Douglas Karcher, Ph.D., focuses on the major objectives for your putting green sand topdressing program. **CEC value:** 1.13