GOLF SERIES: Tuesday, February 9, 2021 • 1:00 – 2:00 PM

How to Develop a Fungicide Program that's Effective and Environmentally Sound.

Put your pesticide program on a SOLID foundation…a MUST for all Superintendents and Assistants.

Dr. Bruce Clarke, Rutgers University: Director of the Rutgers Center for Turfgrass Science

Developing a fungicide program for golf courses that effectively controls turfgrass diseases and protects the environment can be a challenging endeavor. Attendees will learn about a systematic approach for constructing a fungicide plan that can be tailored to any golf course in the world. Emphasis will be placed on how to identify the most efficacious products, rotational strategies to optimize control and reduce the potential for resistance, and techniques to decrease the environmental and potential health impacts of their fungicide plan.

Biography:

Dr. Clarke's research has focused on the identification and control of biotic and abiotic diseases of cool-season turfgrasses. This has involved the use of field studies to assess pathogen dynamics, as well as controlled environment and greenhouse studies to ascertain the relationship between environmental stress, cultural management, and disease development. Research has also been conducted on disease forecasting and detection systems, and the identification of disease resistance in turfgrass germplasm. The principal goal of his outreach program has been the development of best management practices for the control of turfgrass diseases such as anthracnose, dollar spot, gray leaf spot, and patch diseases caused by root- and crown-infecting fungi. Bruce's research findings have been utilized by turf managers in North America, Europe and Austral-Asia to improve disease control and turfgrass quality, while reducing chemical inputs through the use of improved disease management strategies.

As Director of the Rutgers Center for Turfgrass Science, Bruce is also responsible for providing leadership to foster internationally recognized research, undergraduate, graduate and continuing professional education, and outreach programs in support of the turfgrass industry.