



## DISEASES OF COOL-SEASON TURFGRASSES

Paul Koch, PhD

This nine-week course will provide a fundamental understanding of diseases of cool-season turfgrasses. Each week will focus on the identification, biology, and management of a different disease or group of diseases. By the end of the course the students will have a comprehensive understanding of how to manage the most important cool-season turfgrass diseases.

### WEEK 1: INTRODUCTION TO TURFGRASS DISEASES AND TURFGRASS FUNGICIDES

**The basics about turfgrass pathogens and the products commonly used to manage them**

### WEEK 2: DOLLAR SPOT

**Chemical and cultural strategies for managing the most-sprayed for disease of turf**

### WEEK 3: TAKE-ALL PATCH AND SUMMER PATCH

**Proactive practices to reduce these damaging root diseases before they occur**

### WEEK 4: ANTHRACNOSE, BROWN PATCH, AND PYTHIUM

**Focus on the holistic IPM approach required for effective mid-summer disease control**

### WEEK 5: SNOW MOLDS

**Identification, cultural, and chemical management of the major snow mold diseases**

### WEEK 6: PUTTING TOGETHER AN EFFECTIVE FUNGICIDE PROGRAM

**Strategies for building a program that works, manages for resistance, and fits your budget**

GreenKeeper University courses generally consist of two hours of lecture content each week for students to view at their convenience and one weekly ZOOM discussion.

**THIS COURSE IS OFFERED FROM JAN 11 – FEB 19, 2021**