



DISEASES OF WARM-SEASON TURFGRASS

Jim Kerns, PhD

This six-week course will provide a fundamental understanding of diseases of warm-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 warm-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: Take-all root rot, and spring dead spot

Chemical and cultural strategies for managing important root diseases of warm-season turfgrasses

WEEK 3: Large patch and leaf and sheath spot (mini-ring)

Proactive practices to reduce these damaging diseases before they occur

WEEK 4: Pythium diseases of warm-season grasses (Pythium blight and root rot)

Pythium diseases are problematic on warm-season grasses

WEEK 5: Fairy ring, leaf spots, and other diseases

Many diseases can affect warm-season grasses and identification and management will be covered

WEEK 6: Nematodes

Understanding worms that feed on turfgrasses is important and may aid in control of other diseases.

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 31 – March 11, 2022