

2025 Commercial Pesticide Applicator Training Workshop

Wednesday, November 19, 2025 – 8:00am-5:00pm

Sedgwick County Extension Education Center, 4-H Hall (7001 W. 21st Street North, Wichita, KS 67205)

Hosted By K-State Extension, Sedgwick County – Matthew McKernan, Horticulture Agent

AGENDA

8:00-8:55am

(1 hour core credit,

1 ISA CEU)

KDA Core Hour

Presented by: Kent Spor, Environmental Compliance & Regulatory Specialist, Kansas Department of Agriculture

Presentation Description: This presentation will update the audience on laws and regulations for commercial pesticide applicators in Kansas.

8:55-9:50am

(1 hour 3A & 3B,

1 ISA CEU)

Herbicide Resistance

Presented by: Dr. Sarah Lancaster, Assistant Professor and Weed Management Extension Specialist, KSU - Manhattan

Presentation Description: This presentation will discuss how herbicide resistance develops, what types of resistance are known, and how to mitigate the development of resistance. An emphasis will be placed on integrated approaches to sustain herbicide efficacy and protect crop health.

9:50-10:10am

BREAK

10:10-11:05am

(1 hour 3A & 3B,

1 ISA CEU)

Landscape & Turf Disease Update

Presented by: Dr. Megan Kennelly, Professor & Department Head, Plant Pathology, KSU - Manhattan

Presentation Description: Each year Kansas presents its own plant health problems. Environmental conditions are ever changing, providing various diseases and plant problems that are favored by each year's mix of conditions. This talk will cover the hot topic diseases from 2025 of turfgrass, trees, and shrubs statewide.

11:05am-12:00pm

(1 hour 3A & 3B,

1 ISA CEU)

Diagnosing Turf & Landscape Weeds with Extension Resources

Presented by: Matthew McKernan, Horticulture Agent, K-State Extension - Sedgwick County

Presentation Description: Discover how to leverage Extension resources effectively to identify and manage common lawn and landscape weeds. This presentation will explore practical tools and resources available through Extension that can help identify and address problems with weed identification, management, and weed control. Plan to practice with resources hands-on, using real-world scenarios to improve upon your skills. Gain insights into how to access and interpret resources in order to enhance the health and aesthetics of your green spaces.

12:00-1:00pm

LUNCH

**1:00-1:55pm
(1 hour 3A & 3B,
1 ISA CEU)**

Landscape & Turfgrass Management Techniques for Maintaining Healthy Aquatic Ecosystems and Watersheds

Presented by: Dr. Joe Gerken, Assistant Professor & Aquatic Extension Specialist, KSU - Manhattan

Presentation Description: HOA and community ponds are common in the Wichita area. We will discuss how to properly manage landscapes, turfgrass systems and watersheds to minimize surface runoff and protect local water quality. Discussions will include best practices for: fertilizer and herbicide applications, watershed management, and healthy ecosystem development around ponds.

**1:55-2:50pm
(1 hour 3A, 1 ISA
CEU)**

Systemic Insecticides

Presented by: Dr. Raymond Cloyd, Professor and Extension Specialist in Horticultural Entomology and Plant Protection, KSU - Manhattan

Presentation Description: This presentation will cover background information on systemic insecticides and how to effectively use them to manage insect pest populations on ornamental plants.

2:50-3:10pm

BREAK

**3:10-4:05pm
(1 hour 3A & 3B,
1 ISA CEU)**

Know Your Foes: Identifying and Managing Lawn & Landscape Weeds

Presented by: Dr. Jason Griffin, Professor, Extension Specialist, & Director of the John C. Pair Horticulture Center, KSU - Haysville

Presentation Description: This is an overview of common weeds in the lawn and landscape, with practical strategies for control. Learn characteristics of weed identification, in order to diagnose and treat the tough to control weeds in the lawn and landscape. This presentation is designed for landscape professionals seeking efficient, sustainable solutions for weed management.

**4:05-5:00pm
(1 hour 3B, 1 ISA
CEU)**

Warm-Season Turf Care: As Easy (or Hard) and Cheap (or Expensive) as You Make it

Presented by: Mike Day, Key Account Manager – Agronomic Golf and Athletic Field Sales – SiteOne Landscape Supply

Presentation Description: This presentation will cover the gamut of C4 Turfgrass Care. Learn what warm season lawns require for insect control, weed management, and soil nutrition. Learn about common under-utilized products that can be used to boost warm season turf health and hear about new products that are in development that may help make the job even easier in the future.

MONITORING ATTENDANCE:

- **In Person** – Attendees will check-in and receive a name tag and attendance form. If someone must step out of a presentation, they will have to sign out and back in with a monitor, noting time. If they miss more than 10 minutes of a presentation, they will not receive credit for that hour. At the end of each presentation, attendees will have their attendance form initialed by an authorized monitor. We will have approximately 10 monitors for this. Staff will review and sign all participant attendance forms at the end of the day before the participants leave.