



## RESPONSIBLE PESTICIDE USE IN TURFGRASS SYSTEMS

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This six-week course focuses on turfgrass integrated pest management (IPM) and science-based strategies for reducing the non-target injuries (i.e. pesticide risk) that can occur from repeated pesticide use. Strategies for documenting your IPM progress to groups both within and outside your organization will also be discussed.

### WEEK 1: PESTICIDE TOXICITY

**Define the various types of pesticide toxicity and how they're measured**

### WEEK 2: PESTICIDE USAGE BEST MANAGEMENT PRACTICES

**Identify the most effective practices for reducing non-target injury**

### WEEK 3: MEASURING AND REDUCING PESTICIDE RISK

**Define pesticide risk and identify science-based strategies for reducing risk**

### WEEK 4: DISEASE PREDICTIVE MODELING

**Review current disease predictive models to ensure pesticides are used only when needed**

### WEEK 5: PESTICIDE ALTERNATIVES AND ORGANIC MANAGEMENT

**What does the latest science say about non-pesticide pest management strategies?**

### WEEK 6: IPM GOALS AND DOCUMENTATION PROCESS

**Strategies for documenting your IPM efforts to groups outside your organization**

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 – MAR 11, 2022**