

**"The Leader in Green Industry Education" SINCE 1987**



**Lawn Care**



**Ornamental**



**Irrigation**



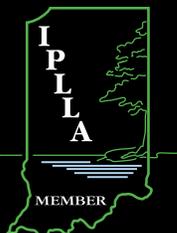
**Sports Turf/Grounds**

**Lunch - Self-Serve**

**World Famous  
Jug's Catered Lunch**

**Included for all attending**

Category	Maximum CCH's Available
1 Agriculture	1 hour
2 Forest Management	3 hours
3A Ornamental	4 hours
3B Turf	4 hours
4 Seed Treatment	1 hour
5 Aquatics	3 hours
6 Right-of-Way	4 hours
7A Pest Management	3 hours
7B Termite Control	2 hours
7D Fumigation	1 hour
8 Mosquito Control	2 hours
11 Aerial Application	1 hour
14 Specialty Pest Mgt	1 hour
RT Registered Technician	4 hours



**THE 36<sup>TH</sup> ANNUAL  
Summer  
FIELD DAY**

**THURSDAY  
August 25, 2022**

Hendricks County Conference  
Center & Fairgrounds

317-989-1208 • [www.iplla.com](http://www.iplla.com)



# SCHEDULE

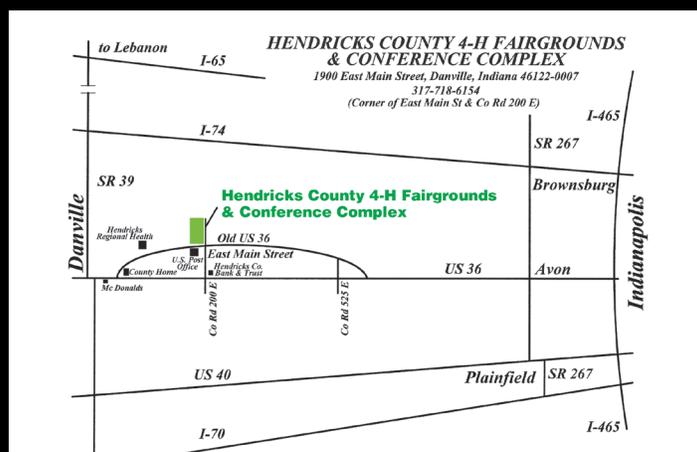
**THURSDAY**  
**August 25,**  
**2022**

Hendricks County  
Conference Center  
& Fairgrounds

**317-989-1208**  
**www.iplla.com**

7:30 am	Registration Desk Opens Hendricks County Conference Center
7:30 – 10:30 am	Exhibitor Set-Up
9:00 – 11:15 am	Educational Programs
11:15 am – 1:30 pm	IPLLA Summer Field Day and World Famous Barbecue and Chicken Lunch DOOR PRIZE DRAWING
1:30 – 3:45 pm	Educational Programs
3:45 pm	36th Annual Summer Field Day Closes: Turn in CCH record sheets

## All Roads Lead to the 2022 Summer Field Day!



## INDIANA PESTICIDE CLEAN SWEEP PROJECT RETURNS

IPLLA joins with the Office of Indiana State Chemist in offering a Pesticide Clean Sweep day at our August 25, 2022 Summer Field Day. The purpose of the event is to permit applicators to dispose of suspended, canceled, banned, unusable, opened, unopened, or just unwanted pesticides.

**This disposal service is free of charge up to 250 pounds per participant.**

There is a \$2.00 per pound charge for over 250 pounds. This provides Field Day attendees with a great opportunity to legally dispose of unwanted products at little or no cost.



**The Clean Sweep Project Form for the 2022 Summer Field Day can be found by clicking "ISCO Clean Sweep" on the "Events" tab at [iplla.com](http://iplla.com).**

NORTH HALL

9:00 to  
10:00 am

**“The Mathematical Argument for the Need of Fertilizers and Pesticides in the 21st Century”**

Dr. Thomas Nikolai ■ Michigan State University

This topic will answer the basic question of why Fertilizers and Pesticides are needed? In agriculture fertilizers and pesticides are considered necessary for crop production and they play a similar role in turf grass and ornamental plants in the urban and suburban landscape. These products control pests, prevent diseases, and enhance the beauty of plants in our environment.

This talk will discuss and justify their use using basic mathematics and at the same time being interesting and thought provoking.

1 CCH in Category 1-2-3A-3B-4-5-6-7A-7B-7D-8-11-14-RT

10:15 to  
11:15 am

**“Nasty Insect Pests of Woody Landscape Plants and How To Deal With Them”**

Dr. Dan Potter ■ University of Kentucky

Dan’s talk this session covers diagnosis and control of major insect pests of woody landscape plants including borer, scale insects, Japanese beetles, mites, caterpillars, sawflies, leaf miners, horned oak gall, and others. It includes tips on managing pests with non-chemical tactics or reduced risk insecticides with straight talk on which approaches are most effective.

1 CCH in Category 2-3A-RT

11:15 am  
to 1:30 pm

**The 36th Annual Summer Field Day and World Famous Barbecue Lunch**

1:30 to  
2:30 pm

**“Managing Weeds in Landscape Beds”**

Dr. Dave Gardner ■ The Ohio State University

In order to successfully combat weeds in landscape beds, it is important to be able to identify the weeds and know their life cycle. Based on this information, you can then determine if herbicidal control options are practical, including selection of the proper herbicide and the most approximate application timing. Proper cultural practices and their contribution to weed control in landscape beds will also be discussed.

1 CCH in Categories: 3A - 6 - RT

2:45 to  
3:45 pm

**“Invasive Species: What to do and Why, from Emerald Ash Borer to Spotted Lantern Fly”**

Dr. Cliff Sadof ■ Purdue University

Although nursery and border inspectors intercept many pests, some, like Emerald Ash Borer (EAB) and Spotted Lantern Fly still make their way into Indiana. In addition to providing the latest results from his research on long term management of EAB, Cliff will give us an update on spotted lantern fly and other pests lurking at our borders. Finally, he will demonstrate how you can help fight invasive pests as a first detector in the National Forest Pest Outreach and Survey Project.

1 CCH in Category 2-3A-RT

3:45 pm

**Field Day Closes: Turn in CCH record sheets**

SOUTH HALL

9:00 to  
10:00 am

**“Use of HRAC Codes to Develop a Weed Resistant Management Program”**

Dr. David Gardner ■ The Ohio State University

This session will consider the current strategies and herbicides for weed control in turfgrass. But we are increasingly receiving reports of resistance issues with our turf herbicides. After a weed becomes resistant to an herbicide mode of action, then all products that have that mode of action become ineffective for the control of resistant populations of that weed species. This session discusses proper herbicide rotations including the use of HRAC codes to prevent resistant populations from becoming a problem in turf.

1 CCH in Category 3A-3B-RT

10:15 to  
11:15 am

**“Indiana Pesticide Regulatory Update”**

Mr. Dave Scott ■ Pesticide Administrator - Office of Indiana State Chemist

Dave joins us today for a complete update on recent changes to the Indiana Pesticide law and proposed rule revisions. He will also cover the activities of the Indiana Pesticide Review Board and the Office of Indiana State Chemist as well as the EPA workplan to comply with the Endangered Species Act (ESA).

1 CCH in Category 2-3A-3B-5-6-7A-8-RT

11:15 am  
to 1:30 pm

**The 36th Annual Summer Field Day and World Famous Barbecue Lunch**

1:30 to  
2:30 pm

**“What You Have is What You Get! Disease Differences Among Various Lawn Species”**

Dr. Lee Miller ■ Purdue University

The first step in plant disease diagnosis is knowing the host and being familiar with the suite of diseases it is susceptible to. While most lawns are tall fescue, in some cases another species or mixture of species may be planted. In this presentation, we will discuss the differences among disease that can affect Kentucky bluegrass, fine fescues and tall fescue.

1 CCH in Category 3B-RT

2:45 to  
3:45 pm

**“Bees, Pesticides, & Politics: Challenges and Opportunities for Sustainable Urban Landscapes”**

Dr. Dan Potter ■ University of Kentucky

Dr. Potter’s talk today will help attendees better understand why bees and other pollinators are in peril, the role of insecticides and other factors in pollinator decline, and how to safeguard pollinators when managing lawn and landscape pests. It will empower land care professionals and educators to objectively discuss this issue with the public. Pollinator conservation initiatives that can be implemented by land care professionals, garden centers, and homeowners will be discussed as well as the best woody landscape plants for supporting bees and other pollinators

1 CCH in Categories 3A-3B-7A-7B-RT

3:45 pm

**Field Day Closes: Turn in CCH record sheets**

## CLASSROOM A

9:00 to  
10:00 am

### **“The Misadventures in Diagnostics (Diagnosticcatastrophes)”**

Joe Boggs ■ The Ohio State University

Plant problem diagnostics is a high-pressure proposition. An accurate diagnosis fulfills expectations; after all, you are the professional! An incorrect diagnosis can threaten your credibility. Fact is, even the most seasoned plant professional has made diagnostics mistakes; it is part of gaining hard earned knowledge through experience. This “been there and done that” presentation uses real life diagnostic case studies to illustrate diagnostic pinnacles.... and pitfalls. As Einstein said, “The only source of knowledge is experience”.

1 CCH in Categories 3A-3B-6—RT

10:15 to  
11:15 am

### **“Controlling Woody Invasive Plants”**

Lenny Farlee ■ Purdue University - Extension Forester

This presentation will cover the methods and materials used to control woody invasive plants in our landscapes. We will discuss tools, techniques and herbicides. The talk will also focus attention on how to combine methods to improve efficiency and effectiveness.

1 CCH in Category 2-3A-3B-6-RT

11:15 am  
to 1:30 pm

### **The 36th Annual Summer Field Day and World Famous Barbecue Lunch**

1:30 to  
2:30 pm

### **“The Basics of Pond Management”**

Mark Sybouts ■ Advanced Turf Solutions

This presentation will cover some of the basic elements of pond management such as algae and weed control, colorants, algaecides, herbicides, and other available pond additives. Mark also will offer us an introduction to identifying weeds and algae in ponds.

1 CCH in Category 5 and RT

2:45 to  
3:45 pm

### **“Understanding Plant Growth Regulators for Turf and Landscape Ornamentals”**

Troy Coker ■ SePRO, Corp.

This presentation is designed to provide a general background on plant growth regulators (PGRs) and discuss how they can be used to effectively manage plant species commonly found in the landscape. Background information pertaining to PGR classes and modes of action will lead into an in-depth discussion of specific product attributes and application methods. The product specific portion will be broken into two parts covering PGR’s for landscape ornamentals and PGR’s for turfgrass in the landscape. An emphasis will be placed on using PGR’s in the landscape to reduce labor, including a discussion around PGR economic savings calculators available online

1 CCH in Category 3A-3B-6-RT

3:45 pm

### **Field Day Closes: Turn in CCH record sheets**

CONFERENCE ROOM

9:00 to  
10:00 am

**“Tips of Keeping Herbicides on Target?”**

Dr. Stephen Meyers ■ Purdue University

This is a great topic especially as we deal with finer droplet size and properties that are close together and thus increase the potential for off target application when you are spraying. Steve Meyers is a first time speaker at the IPLLA Field Day and we welcome him to the event. His presentation will cover the different ways that herbicides can move off target and injure sensitive plants including drift, volatilization, run-off, and carryover in soil amendments. It will also include suggestions on how to minimize the risk of off target herbicide movement.

One CCH in Category 3A-3B-6-RT

10:15 to  
11:15 am

**“An Introduction to Residential/Commercial Mosquito Control”**

Lee Green ■ Indiana Department of Health & Fred Whitford ■ Purdue Pesticide Programs

Our presentation this morning will start in the classroom and then move outdoors. We will give a brief overview of the Biology of Mosquitos and what we are trying to control. We'll take a look at application timing and techniques, appropriate personal protective equipment, site assessment, mitigating drift, equipment used, and customer communications. We will then move outdoors to demonstrate some proper techniques as well as do's and don'ts of residential/commercial mosquito control.

One CCH in Category 7A-8-RT

11:15 am  
to 1:30 pm

**The 36th Annual Summer Field Day and World Famous Barbecue Lunch**

1:30 to  
2:30 pm

**“Perception vs Reality: How Can Science Help Dispel Common Lawncare and Turfgrass Management Misconceptions?”**

Dr. Paul Giordano ■ Harrell's

The fear of chemicals, toxins, and anything deemed “unnatural” is making a big impact at federal, state, and local levels. Public opinion about conventional agricultural practices and the use of pesticides continues to be shaped by viral pop-culture messaging. Often times, the information is not based on science, but rather scare tactics and emotional reasoning which threatens the future of pest control, the advancement of biotechnology and agricultural productivity in the future. This includes healthy lawns and landscapes. Our talk today will dig into some of these common misconceptions about pesticides, biotechnology, and the turfgrass industry.

One CCH in Category 3B-RT

2:45 to  
3:45 pm

**“Ten Best Management Practices That Will Improve Tree Health That Are Not Fertilizer”**

Carrie Tauscher ■ Arboretum Director - Crown Hill Cemetery

This presentation will bring attention to the 10 best management practices that impact tree health in a positive manner that will change your program approach and practices around individual tree care and landscapes with trees. The program will approach the process of best practices from the ground up and from young trees to mature. Whether you plant, prune, treat, or remove trees; this session will give you an edge on the competition by providing you with a better understanding of simple changes that work with trees to keep them healthy and in the landscape providing value for your customers.

1 CCH in Category 2- 3A- RT

3:45 pm

**Field Day Closes: Turn In CCH record sheets**

# 2022 INDIANA IRRIGATION TECHNICIAN TRAINING

**REGISTRATION: \$275.00 per student**

You may register for Indiana Irrigation training by completing this registration form and sending it with payment to IPLLA/IICC PO Box 481 in Carmel, IN 46082

You may also register online at [iplla.com](http://iplla.com) and then clicking: Irrigation Technician Training

NOTE: Schools, parks departments, and other governmental units may register by sending a Purchase Order number to:

IPLLA/IICC  
PO Box 481  
Carmel, IN 46082

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone Number w/Area Code: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

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## INDIANA IRRIGATION TECHNICIAN TRAINING PROGRAM

**Thursday, August 25, 2022**

**8 a.m. – 5 p.m.**

**Cost: \$275.00**

### Registration Fee Includes:

- Full Day of Hands On Training
- Personal Copy Of Irrigation System Installation & Maintenance Manual (\$65.00 Value)
- Catered Luncheon

### Instructor:

Mr. Keith Schweiger, CIC, CLIA, CID, CIT, CLWM ■ Denver, Colorado

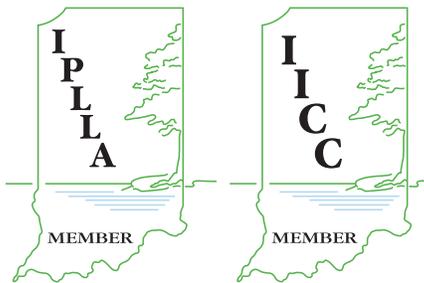
### Topics will include:

- Irrigation system overview
- Site inspection
- Installing of a point connection
- Installing/repairing field wiring
- Irrigation concepts
- Winterization
- Drip irrigation
- Proper tools
- Reading blueprints
- Installing main line
- Pipes and friction loss
- Basic hydraulics
- Troubleshooting

**Please note: Class size is limited and registration will be on a first-come, first-serve basis.**

**Questions? Call 317.989.1208**

No test is offered or required for completion. Each participant will receive a formal Certificate of Completion following The Indiana Irrigation Technician Training Program.



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Indianapolis, Indiana  
Permit #9555

## REGISTER FOR THE 2022 SUMMER FIELD DAY

**IPLLA MEMBER FIRM:** 1st person: **\$110/each**; 2nd or more: **\$100/each**

**NON-MEMBER FIRM:** \$140.00/each

Luncheon is included in price. Please make checks payable to: *IPLLA*

FIRST NAME \_\_\_\_\_ LAST NAME \_\_\_\_\_

JOB TITLE \_\_\_\_\_

COMPANY NAME \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TELEPHONE NUMBER W/AREA CODE \_\_\_\_\_

PRIMARY EMAIL ADDRESS (please print clearly) \_\_\_\_\_

### PLEASE LIST ALL ATTENDING *(please print clearly)*

FIRST NAME \_\_\_\_\_ LAST NAME \_\_\_\_\_

FIRST NAME \_\_\_\_\_ LAST NAME \_\_\_\_\_

FIRST NAME \_\_\_\_\_ LAST NAME \_\_\_\_\_

**NEW!** Governmental Units and School Corporations may register by sending a purchase order to: **IPLLA, P.O. Box 481, Carmel, IN 46082**

To ensure timely and proper registration, we encourage you to register online at [www.iplla.com](http://www.iplla.com). Click on the EVENTS tab and then "2022 Summer Field Day Registration." **Register online to be entered into a drawing to win free attendance to all events in 2023 (1 winner).**

## JOIN IPLLA or IICC

Join IPLLA or IICC for just **\$199/year** and attend all events at member rates!

FIRST NAME \_\_\_\_\_ LAST NAME \_\_\_\_\_

JOB TITLE \_\_\_\_\_

COMPANY NAME \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TELEPHONE NUMBER W/AREA CODE \_\_\_\_\_

PRIMARY EMAIL ADDRESS (please print clearly) \_\_\_\_\_

**Thank you for Registering for the Field Day!**  
**What is your primary interest in attending?**  
*(Feel free to check more than one.)*

- Turf and/or Ornamental education
- Specialty Pesticides such as Aquatics, Pest Control, and Right-Of-Way
- Irrigation Technician Training Program
- Business Education and Marketing Classes
- Introduction to Hardscapes Program
- Field Day Equipment & Product Displays

We encourage you to visit our website. You can join at [www.iplla.com](http://www.iplla.com). Click on the MEMBERSHIP tab and then "Join IPLLA Now." We accept Visa, MC and Discover.

**Mail Completed Reservation/Application and Payments to: IPLLA P.O. Box 481, Carmel, Indiana 46082**  
**Or, pay online at [www.iplla.com](http://www.iplla.com) and pay with Visa, MC or Discover**

