

"The Leader in Green Industry Education" SINCE 1987



Lawn Care



Pest Control



Irrigation



Sports Turf/Grounds



Landscape

Continuing Credit Hours (CCHs)

Maximum Available

Category 2	Forestry	4 CCHs
Category 3A	Ornamental	4 CCHs
Category 3B	Turf	4 CCHs
Category 5	Aquatic	3 CCHs
Category 6	Right-of-Way	4 CCHs
Category 7A	Pest Control	4 CCHs
Registered Technician		4 CCHs



THE 31ST ANNUAL
Summer
FIELD DAY

THURSDAY
August 24, 2017

Hendricks County Conference
Center & Fairgrounds

317-575-9010 • www.iplla.com



SCHEDULE

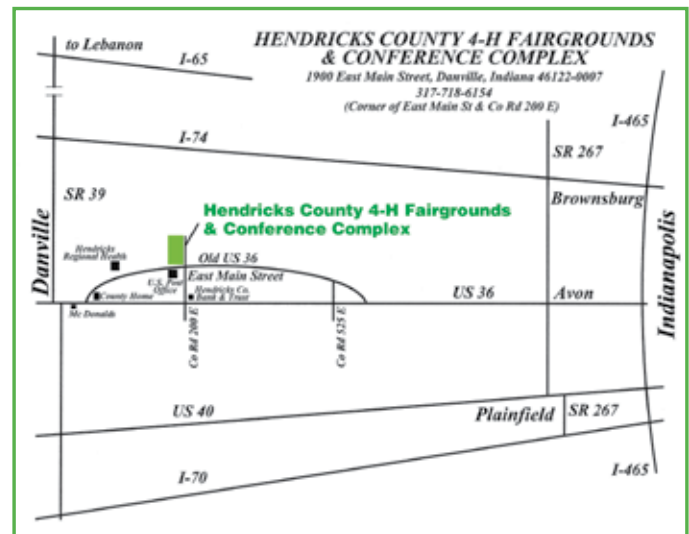
THURSDAY
August 24,
2017

Hendricks County
Conference Center
& Fairgrounds

317-575-9010
www.iplla.com

7:30 am	Registration Desk Opens Hendricks County Conference Center
7:30 – 10:30 am	Exhibitor Set-Up
9:00 – 11:00 am	Educational Programs
11:00 am – 1:15 pm	IPLLA Summer Field Day and World Famous Barbecue and Chicken Lunch
	DOOR PRIZE DRAWING
1:15 – 3:15 pm	Educational Programs
3:30 pm	31st Annual Summer Field Day Closes

All Roads Lead to the 2017 Summer Field Day!



NEW EXHIBITORS WANTED!

Give us the name of one of your favorite suppliers. We will contact them. If they decide to exhibit at the Summer Field Day, you will become eligible to win Free Attendance at the 2018 Summer Field Day.

Supplier Name: _____

Contact Person: _____

Contact Person: _____

Contact Person: _____

We are particularly interested in locating Indiana vendors who may want to expand their customer base in the Green Industry.



Upcoming IPLLA Events

August 24, 2017	31st Annual Summer Field Day HENDRICKS COUNTY FAIRGROUNDS ■ Danville, IN
November 14, 2017	IPLLA Grounds Managers Workshop SWAN LAKE GOLF RESORT ■ Plymouth, IN
November 16, 2017	IPLLA Grounds Managers Workshop SALT CREEK GOLF RETREAT ■ Nashville, IN
December 13, 2017	25th Annual Winter Workshop HAMILTON COUNTY FAIRGROUNDS ■ Noblesville, IN
February 20, 2018	Regional Advanced Training HAMILTON COUNTY FAIRGROUNDS ■ Noblesville, IN
February 20-21, 2018	IICC Certified Irrigation Technician Training/Testing HAMILTON COUNTY FAIRGROUNDS ■ Noblesville, IN
February 21, 2018	Regional Advanced Training SALT CREEK GOLF RETREAT ■ Nashville, IN
February 27, 2018	Regional Advanced Training RAMADA PLAZA (FORMERLY HOTEL FORT WAYNE) ■ Fort Wayne, IN
February 28, 2018	Regional Advanced Training AVALON MANOR ■ Merrillville, IN
August 23, 2018	32nd Annual Summer Field Day HENDRICKS COUNTY FAIRGROUNDS ■ Danville, IN

IPLLA AND STATE CHEMIST TO OFFER
Core, Category 3A, 3B or 7A Testing
AT 2017 SUMMER FIELD DAY

IPLLA and the Office of Indiana State Chemist will offer a testing opportunity at the 2017 Summer Field Day for those interested in passing their Core Exam, or becoming certified in Category 3A (Ornamental), Category 3B (Turf) or Category 7A (Pest Control). Seating will be limited and the individuals wishing to take an exam must be registered for the 2017 Summer Field Day. You may take one exam only. Please complete the reservation below and return it with your 2017 Field Day registration, or do so online at iplla.com. There are no additional charges for taking advantage of this testing only opportunity.

Full Name: _____

Employer: _____

Employer Address: _____

Employer City / State / ZIP: _____

Phone Number with Area Code: _____ Last Four Digits of Social Security Number: _____

PLEASE NOTE:

1. Testing will be limited to the first 25 reservations received.
2. This is a testing opportunity only – no training is offered.
3. Governmental units, school districts, and parks may reserve a spot using a purchase order mailed with your 2017 Field Day registration.
4. Questions? Call IPLLA directly at (317) 575-9010.

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 24, 2017 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 2017 Summer Field Day can be found by clicking "ISCO Clean Sweep" on the "Events" tab at iplla.com.

NORTH HALL

9:00 to
10:00 am

Diagnosing and Managing Plantastrophes!

DR. JANNA BECKERMAN ■ Purdue University

This talk focuses on several diseases that we saw in 2017. Janna will present a short overview of how to distinguish and diagnose the more common disease problems in landscape plants, followed by key strategies to manage such problems. These strategies will integrate different tactics such as sanitation, cultural and chemical controls, and resistant varieties, to help manage these issues in the future.

1 CCH in Category 2 - 3A - RT

10:00 to
11:00 am

Enhanced Weed Control Translates to More Profit

DR. AARON PATTON ■ Purdue University

Purdue University has recently released the "Purdue Turf Doctor App" on both Android and Apple platforms to help you diagnose turf problems and help communicate them to your clients. Further, our "Turfgrass Weed Control for Professionals" is now packed full of weed identification and control solutions. Changes in water chemistry and product selection will also enhance customer satisfaction.

1 CCH in Category 3B - RT

11:00 am to
1:15 pm

The 31st Annual Summer Field Day and World Famous Barbecue Luncheon

1:15 to
2:15 pm

Lawn Establishment

DR. GREGG MUNSHAW ■ University of Kentucky

From proper soil testing site preparation, and timing; to species selection, planting methods, and post seeding care, Dr. Munshaw's talk will explore all the bases to ensure that planting is done right the very first time. Successful seeding is one of the more difficult services that lawn care professionals offer to our customers. Everyone has high expectations for success! Here is how to get them.

1 CCH in Category 3B - RT

2:15 to
3:15 pm

Identifying Vehicles that Are and Are Not Subject to USDAOT/FMCSA Regulations

TYLER UTTERBACK ■ First Sergeant, Indiana State Police

Indeed back by popular demand, Sgt. Utterback returns to the Field Day to discuss whether our vehicles comply, or even need to comply, with many of these regulations. This presentation will summarize what those regulations are, the difference between state and federal regulations, licenses including CDL types, and HazMat regulations. Bring your questions!

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



SOUTH HALL

9:00 to
10:00 am

Pesticide Labels—Just How Clear are They, Really?

JAY KELLEY & ANDREW MARTIN ■ OISC

EPA registered pesticides are sold in the U.S. based on the assumption that users will read, understand, and follow label instructions. On the surface, label interpretation is a straightforward proposition, but all too often the intended meaning of the label statements is less than obvious. This interactive presentation will review label construction and how labels do, and don't, communicate proper information.

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

10:00 to
11:00 am

2017 Year-to-Date OISC Review

JOE BECOVITZ ■ OISC

Joe Becovitz presents a current update from the Office of Indiana State Chemist to include common issues, complaints and trends, along with a look ahead in pesticide regulations. How can the State Chemist help you be successful in your operation and what unavoidable violations does he see all too often? A substantial part of his presentation will be devoted to Q&A from the audience.

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

11:00 am to
1:15 pm

The 31st Annual Summer Field Day and World Famous Barbecue Luncheon

1:15 to
2:15 pm

Turf Disease, Cause, Control, Prevention

RICK LATIN, NIKKI HENDRICKSON, DAN DUNHAM & REGGIE CORNETT

Back by popular demand, we will take a look at the turf diseases of 2017 including identification, cause, and specific methods for treating each. Preventative measures will also be addressed, but this year we have tweaked it all a bit to create a panel discussion including Dr. Rick Latin of Purdue, Nikki Hendrickson of Advanced Turf Solutions, Reggie Cornell of Site One, and Dan Dunham of Green Solutions, Inc.

1 CCH in Category 3B - RT

2:15 to
3:15 pm

What Can the Green Industry Do to Protect Pollinators?

DR. FRED WHITFORD ■ Purdue Pesticide Programs

Though small in size, the honey bee has become the center of an intense national and international debate. This presentation will focus on the biology of the honey bee, and how pesticides come in contact with honey bees and other pollinators. It is important for lawn care and landscape professionals to better understand the debate and the role you play in protecting the honey bee.

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



CLASSROOMS B AND C

9:00 to
10:00 am

Oil and Soap for Scale Insects

DR. CLIFF SADOFF ■ Purdue University

Is this a pathway to success or a slippery slope? Cliff will start by reviewing the most important scales that are causing problems in Indiana. He will then review the work that he and his students have been conducting to improve our understanding of how insecticidal soap and horticultural oil kill armored scales and when and how they and other insecticides can be used to control scales.

1 CCH in Category 2 - 3A - RT

10:00 to
11:00 am

London's Chelsea Show—Flowers, Yes...But Much Much More

DR. MICHAEL DANA ■ Purdue University

The Royal Horticultural Society annually presents the Chelsea Flower Show to sold-out crowds from across the world. Chelsea regularly sets trends for design styles and introduces interesting and exciting new plants. This presentation will amaze you with horticultural excellence and inspire you with new ideas for landscape and floral design. Come see this diverse and artistic potential for plants.

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

11:00 am to
1:15 pm

The 31st Annual Summer Field Day and World Famous Barbecue Luncheon

1:15 to
2:15 pm

Understanding Moles

DR. TIM GIBB ■ Purdue University

Learning about the behavior of the cryptic and elusive mole will improve our ability to predict its occurrence and improve our control techniques. Tim's presentation will be a practical, hands-on demonstration, so we encourage you to bring questions, photos, and real life experiences with this persistent and damaging landscape pest!

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

2:15 to
3:15 pm

Yellow Nutsedge—Why Is It Such a Problem and What Do We Need to Learn About It?

MR. BOB AVENIUS ■ TruGreen

This presentation will cover basic life cycle, interesting facts about how it grows, why it has become such a prolific weed, and what can be done to control it. Control options discussed will include timing, application techniques, basic recommendations to the customer, and a review of the current products available for nutsedge control.

1 CCH in Category 3A - 3B - RT



CLASSROOM A

9:00 to
10:00 am

Dig and Drop: Is it That Easy?

DR. KYLE DANIEL ■ Purdue University

Planting trees and shrubs is often an overlooked aspect of a landscape project. The future success of the planting is dependent on the proper installation of these trees and shrubs. Dr. Daniel's presentation will discuss proper methods of planting including post planting care aimed at reducing transplant shock immediately after the relocation.

1 CCH in Category 2 - 3A - RT

10:00 to
11:00 am

Solutions to Common Plant Problems in an Urban Environment

MS. CARRIE TAUSCHER ■ State Urban Forestry, IDNR

What are the most desirable urban trees to plant and why can monocultures lead to problems? What are the most common issues and problems establishing plant material in an urban landscape? Many factors contribute to the difficulty of growing almost any plant in poor soil, construction areas, and around concrete. How do we deal with these as we work to improve this environment?

1 CCH in Category 2 - 3A - RT

11:00 am to
1:15 pm

The 31st Annual Summer Field Day and World Famous Barbecue Luncheon

1:15 to
3:15 pm

Office of Indiana State Chemist Testing Opportunity

CATEGORY 3A (Ornamental)

CATEGORY 3B (Turf)

CATEGORY 7A (Pest Control)

CORE



CONFERENCE ROOM

9:00 to
10:00 am

Managing Sport Fields in Indiana

JOEY STEPHENSON ■ Indianapolis Indians Baseball

In this presentation, Joey Stephenson, Head Groundskeeper of Victory Field, will discuss managing sports fields in Indiana. From baseball/softball to soccer to football, we will cover it. He will evaluate how management practices from professional sports stadiums translate to high school and little league fields. We will go over some tips and tricks from Joey's 18 years in sports turf and also examine sample budgets.

1 CCH in Category 3B - RT

10:00 to
11:00 am

Improving Native Soils in Sports Fields

DR. GREGG MUNSHAW ■ University of Kentucky

When expectations are high but budgets are low, we must be on top of our agronomic game to provide a safe and attractive field. This presentation will deal with a number of management practices to improve the soil, the health of the grass, and the playability of the field. Gregg's long experience as Turf Extension Specialist for UK will help us look at new ways of maintaining our sports fields.

1 CCH in Category 3B - RT

11:00 am to
1:15 pm

The 31st Annual Summer Field Day and World Famous Barbecue Luncheon

1:15 to
2:15 pm

Diagnosis of Disease and Disorders in Landscape Plantings

MS. GAIL RUHL ■ Purdue University

Accurate diagnosis of plant problems is key to successful management decisions. This was never more true than last season when many plant problems looked exactly alike but may have required radically different care. Gail will address recognition of key symptoms and signs to help you identify specific plant disease and disorders in a landscape setting.

1 CCH in Category 2 - 3A - RT

2:15 to
3:15 pm

Emerald Ash Borer: Using the Cycle of Decline to Plot Your Way Forward

DR. CLIFF SADOFF ■ Purdue University

Cliff will discuss his recent work on modeling the cycle of ash decline in the urban forest and how you can use this information, along with Purdue Tree Doctor App and Purdue Cost Calculator, to advise your clients on the need for continued treatments to protect ash trees. He will review study results that demonstrate that there is no limit to the size of an ash tree that can be saved.

1 CCH in Category 2 - 3A - RT

CLASSROOM D

9:00 to
10:00 am

Aquatic Weeds and Issue

MR. CHIP HOUMES ■ Precision Labs

This presentation will focus on aquatic weed identification and control methods. Options for biological and non-pesticide methods will be discussed. We will begin with identification of common weeds in Indiana. We will then examine control methods and available products. We will discuss regulating photosynthesis using lake and pond dyes as well as reducing nutrients and organic matter on the bottoms of ponds.

1 CCH in Category 5 - RT

CLASSROOM F

Ask the Experts

During the educational hours of the 2017 Field Day, we will offer a series of "Ask the Expert" roundtables to give you an opportunity to make more in-depth inquiries about various aspects of your operation. Look over the list below and pick those you might want to attend. Bring photos, examples, or just your questions and "Ask the Expert"! All roundtables will be held in Classroom F.

10:00 to
11:00 am

MR. LARRY FISHER, a longtime expert in **sprayer and pump repair**, is available to answer questions you may have regarding such application equipment and their care.

10:00 to
11:00 am

GAIL RUHL, senior **plant disease diagnostician** for Purdue's Plant and Pest Diagnostic Lab, will be on hand to ID samples or photos you may need some advice on.

11:00 am to
1:15 pm

The 31st Annual Summer Field Day and World Famous Barbecue Luncheon

1:15 to
2:15 pm

DR. JANNA BECKERMAN from Purdue's Department of Plant Pathology leads a roundtable discussion on **prevention of and treatment for ornamental diseases**.

1:15 to
2:15 pm

MR. ANDY WALTERS, of L.T. Rich Products, Inc., answers questions about **setting and maintaining proper calibration of ride-on application sprayers and spreaders**.

2:15 to
3:15 pm

DR. TIM GIBB, insect diagnostician from Purdue University, helps answer all questions big and small regarding **insects in the landscape**.

2:15 to
3:15 pm

DR. GREGG MUNSHAW, University of Kentucky turfgrass specialist, joins us as both a speaker and roundtable leader to address your concerns about **sports field turf**.



BOARD OF DIRECTORS ROOM

9:00 to
10:00 am

Why Install Wi-Fi Controllers?

MR. KURT CLORE ■ Automatic Supply, Inc.

Wi-fi irrigation controllers are the wave of the future and many homeowners are already asking for them. Learn how you can provide benefits to your customers and add more money to your bottom line by installing and managing these products.

10:00 to
11:00 am

Recent Legislative Efforts Impacting Irrigation Contractors

JASON JOHNSON ■ The Corydon Group Governmental Affairs

The Indiana State Legislature met in regular session during the first half of the year and worked on numerous measures which will affect both irrigation contractors and virtually every small business owner. The House Ways and Means Committee will eventually make a strong push for a sales tax on services. Right now, we are required to charge sales tax on parts and materials but not on the labor to install them. Instituting a sales tax on services would clearly impact the cost of an irrigation system, and the charges to a customer. We also will discuss road funding, the new gasoline tax, and vehicle registration fees as they relate to the cost of doing business vs. the benefit to all Hoosiers.

11:00 am to
1:15 pm

The 31st Annual Summer Field Day and World Famous Barbecue Luncheon

1:15 to
2:15 pm

Communicating Efficient and Sustainable Irrigation Practices

MS. SUE MAKI ■ Manager of Environmental Education, City of Carmel Utilities

Peak season and peak hourly water demand can be a troublesome issue for water utilities. How does a utility reach their customers to instill a behavior change when it comes to outdoor irrigation practices? Learn how one community makes the effort in a variety of ways, with a limited budget, to achieve a major goal: reducing peak hourly and seasonal water demand.

2:15 to
3:15 pm

Too Much Pressure, Man!

MR. JIM DAVIS ■ LandTech

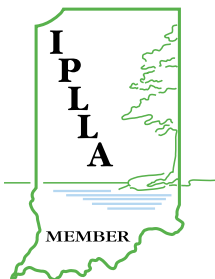
Mr. Davis will explore the relationship between water pressure, flow volume and application efficiency (and consistency) as an essential tool for water conservation. Here's a preview of the major topics:

- The basic pressure-to-volume relationship
- Conserving energy by minimizing friction losses and line breaks at change in direction, to operate within an acceptable range of water pressure
- Managing pressure and flow volume to reduce water use by adding pressure regulation
- Strategy for sizing irrigation mains - loop layout to conserve energy and create a more consistent pressure throughout the system.
- The effect of "higher-than-optimal" water pressure on irrigation efficiency and the consistency of discharges within zones.
- How to compensate for differences of operating pressure within a system.
- Understanding the ideal "target pressure" for various sprinklers and nozzles.



Three (3) Level 1 Continuing
Education Credits (CEUs) for Licensed
Irrigation Association Members





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REGISTER FOR THE 2017 SUMMER FIELD DAY

IPLLA MEMBER FIRM: 1st person: **\$95/each**; 2nd or more: **\$85/each**
NON-MEMBER FIRM: \$120.00/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**. Click on the EVENTS tab and then "2017 Summer Field Day Registration." **Register online to be entered into a drawing to win free attendance to all events in 2018 (1 winner).**

JOIN IPLLA or IICC

Join IPLLA or IICC for just **\$150/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)* _____

WHICH BEST DESCRIBES YOUR COMPANY? *(check all that apply)*

- Aquatic Weed Control
- Irrigation Contractor
- Pest Control
- Chemical Lawn Care
- Landscape Contractor
- Right-of-way Control
- College or University
- Local or State Gov't.
- School District
- Industry Supplier
- Mowing/Maintenance
- Sports Field Mgmt.
- Institutional Grounds
- Parks Department
- Tree & Shrub Contractor
- Other: _____

We encourage you to visit our website. You can join at **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 and pay with Visa, MC or Discover

