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



**Continuing Credit Hours (CCHs)**

*Maximum Available*

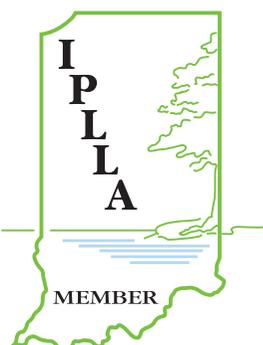
Category 2	Forestry	4 CCHs
Category 3A	Ornamental	4 CCHs
Category 3B	Turf	4 CCHs
Category 5	Aquatic	4 CCHs
Category 6	Right-of-Way	3 CCHs
Category 7A	Pest Control	2 CCHs
Registered Technician		4 CCHs

**THURSDAY  
 August 23,  
 2012**

Hendricks County  
 Conference Center  
 & Fairgrounds

**317-575-9010  
 www.iplla.com**

**THE 26TH ANNUAL  
 Summer  
 FIELD DAY**





## SUMMER FIELD DAY SCHEDULE

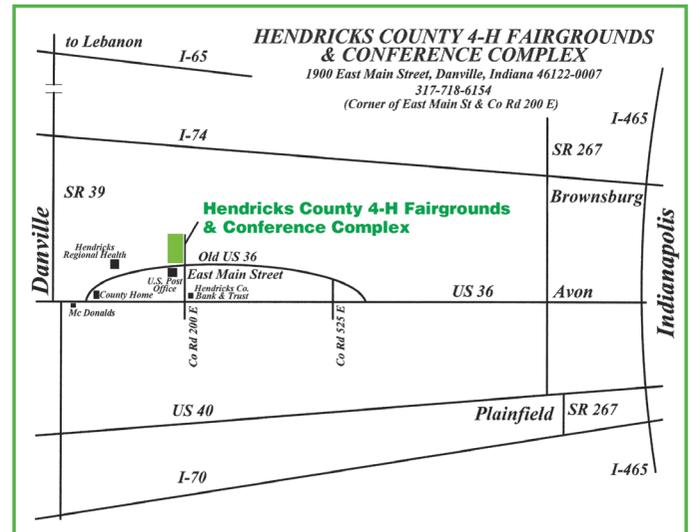
**THURSDAY**  
**August 23,**  
**2012**

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 – 1:30 pm	IPLLA Summer Field Day and World Famous Barbecue Ribs and Chicken Lunch DOOR PRIZE DRAWING
1:30 – 3:30 pm	Educational Programs
4:00 pm	26th Annual Summer Field Day Closes

## All Roads Lead to the 2012 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 2013 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.

## HALL A

9:00 to  
10:00 am

### **Why Are Turf Diseases So Difficult to Control?**

DR. JOE RIMELSPACH ■ Ohio State University

This presentation will discuss difficulties in controlling lawn disease and answer such basic questions as: How long do fungicide applications last? If the fungicide is applied before disease occurs, will I get longer residual control? Are granular fungicides really effective or do sprays provide better coverage, and thus better control? Once turf is damaged by disease, is it worth it to apply fungicides?

1 CCH in Category 3B – RT

10:00 to  
11:00 am

### **An Overview of Application Technology**

RANDY ZONDAG ■ Ohio State University Extension

This presentation will look at the mathematics of application using simple equations to help you find out how much water is needed and how to set any unit to achieve the desired application goals. We will examine different parts of any sprayer including nozzles, gauges, agitation, and pumps. Randy's talk will also cover how you can determine if you have the right coverage for the problem you are spraying for.

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

11:00 to  
1:30 pm

### **The 26th Annual Summer Field Day and World Famous Barbecue Luncheon**

1:30 to  
2:30 pm

### **Herbicide Mode of Action — What You Should Know, and Why**

DR. HANNAH MATHERS ■ Ohio State University

Mode of action is really the sequence of events from the absorption of herbicide into a plant, through its movement in the plant to the target site, and ending with the eventual death of the plant. Understanding MOA therefore can help you better understand how the herbicide should be applied, the selectivity of the herbicide, the type of injury symptoms they will cause, and how to avoid resistance.

1 CCH in Category 2 – 3A – 3B – 5 – 6 – RT

2:30 to  
3:30 pm

### **Soil Basics**

JOE BOGGS ■ Ohio State University Extension

Soil is the foundation upon which we build plants, so soil problems lead directly to plant problems. This is particularly true in urban soils which are often severely damaged during construction or by well-intended changes made by the property owner. This presentation will use basic soil concepts to teach you how to recognize and repair urban soil problems.

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



## HALL B

9:00 to  
10:00 am

### **New Guide to Turfgrass Management**

DR. AARON PATTON ■ Purdue University

Dr. Patton is completing work on this publication which contains recommendations for controlling specific turf weeds in the Midwest and provides pointers on the use of specific herbicides. This presentation will cover the new guide including indicator weeds, herbicide use sites and guidelines, herbicide interactions, herbicide math, and trade names of common turf herbicides registered in Indiana.

1 CCH in Category 3B – RT

10:00 to  
11:00 am

### **Disease in the Landscape — Hot Topics at the PPPL**

GAIL RUHL ■ Purdue Plant and Pest Laboratory

Identifying any disease problem in the landscape can be daunting especially when so many look exactly alike. This presentation will provide some helpful approaches to problem solving by sharing images, hands-on samples, and timely information on diagnosing diseases in the landscape. Learn how key symptoms and signs will help improve your diagnostic accuracy.

1 CCH in Category 2 – 3A – 3B

11:00 to  
1:30 pm

### **The 26th Annual Summer Field Day and World Famous Barbecue Luncheon**

1:30 to  
2:30 pm

### **Best Management Practices for Using Phosphorus on Turf**

DR. CHUCK DARRAH ■ CLC Labs

Bans on the use of Phosphorus in lawn fertilizers are increasing. However, phosphorus is an essential plant nutrient and using phosphorus wisely in turf care can reduce the potential of sediment and phosphorus run-off to surface waters. This presentation will explore how phosphorus fertilizer behaves in soil and the environmental impact of phosphorus in the urban landscape.

1 CCH in Category 3B – 5 – RT

2:30 to  
3:30 pm

### **Understanding Your Personal Protective Equipment (PPE)**

RANDY ZONDAG ■ Ohio State University Extension

This presentation will cover what equipment you need to meet both legal and common sense requirements when mixing pesticides, loading them, and ultimately applying them. How do you care for such equipment so that it remains effective? How do we make a safe and efficient pesticide application while keeping the product away from the applicator?

1 CCH in Category 2 – 3A – 3B – 5 – 6 – RT



CLASSROOMS B and C

9:00 to  
10:00 am

**Simple Ways to Avoid Damaging Trees**

NATE FARIS ■ Certified Arborist, Faris Tree Consulting

Are you damaging trees in the landscape, perhaps without even knowing it? Often, the everyday work of landscape and turf professionals comes into conflict with trees on the properties you maintain. This presentation shows how trees are often damaged unintentionally and how you can make simple yet effective operational changes to prevent damage to these plants.

1 CCH in Category 2 – 3A – RT

10:00 to  
11:00 am

**Landscape Bed Weed Control**

DR. HANNAH MATHERS ■ Ohio State University

This presentation is an update on new chemicals available to landscape professionals. We will also look at new trends such as using liquid formulations versus granules to cut your costs and yet maintain effectiveness. Use of mulch and herbicides will also be discussed and we will top off the hour by reviewing some of the most common and difficult weeds found in our landscapes..

1 CCH in Category 3A – 3B – RT

11:00 to  
1:30 pm

**The 26th Annual Summer Field Day  
and World Famous Barbecue Luncheon**

1:30 to  
2:30 pm

**Basic Management for Sports Fields and Grounds**

ROB HARPER ■ DePauw University

This presentation will focus on creating a comprehensive plan to maintain Athletic Fields and Building Grounds. We will touch on how such a plan should be different than residential care and discuss such issues as programming, scheduling, timing, and working around field and grounds usage. We'll also look at how to work with key constituents and stakeholders to get expected results.

1 CCH in Category 3A – 3B – RT

2:30 to  
3:30 pm

**Cultural Practices for Sports Turf**

GREG MUNSHAW ■ University of Kentucky

Sporting events and maintenance practices on athletic fields often lead to thin turf and compacted soils. Thin stands of grass appear unsafe to players / parents and such hard surfaces have been shown to increase the incidence of injury. This presentation will discuss the issue of unsafe athletic fields and detail cultural practices to assist the athletic field manager in relieving some of these safety issues.

1 CCH in Category 3B – RT



## CONFERENCE ROOM A/B

9:00 to  
11:00 am

### Take Your Business to the Cloud

TINO MARQUEZ ■ Partner/Systems Engineer, Modern Information Solutions, LLC

What is cloud computing and how can you utilize the technology to take your Small Business to the next level? Learn the reasons Cloud Computing is more effective for a small business. What are the advantages to the top cloud computing services (i.e. Google Apps, and Office 365)? No matter the size of your business, there are many affordable technologies you can take advantage of to make your office more efficient.

11:00 to  
1:30 pm

### The 26th Annual Summer Field Day and World Famous Barbecue Luncheon

1:30 to  
2:30 pm

### Insuring the Future of Your Business

SCOTT MCGINNESS, CIC, CRM, CSRM ■ Gregory & Appel Insurance

An overview of the types of insurance coverage that LCOs should carry would be helpful. There are the standard coverages that most companies are aware of, but there are also several overlooked coverages. And there are endorsements to the standard coverages that are often overlooked. We can give a brief description of the types of insurance and what they do, and which ones they need. There may also be some need for a discussion of the best way to get competitive insurance quotes. There is a process to it, and it can save an LCO a lot of time, and help them get the best coverage and pricing.

2:30 to  
3:30 pm

### 2012 Turf Insect Management Update

DR. ROB GOLEMBIEWSKI ■ Bayer Crop Science

Has the mild winter of 2011-2012 really impacted insect activity this year? What is new in the industry to deal with increased activity? This presentation will help you devise the steps to implement a successful integrated pest management program for your turf situation. Problematic insects will be reviewed including the identification, biology, and management strategies of each.

1 CCH in Category 3B – RT

## CLASSROOM F

9:00 to  
11:00 am

### Aquatic Management of Plants and Water Quality

HARRY KNIGHT ■ Applied Biochemists

This two-hour workshop will present and discuss the most researched and approved techniques for plant management, including but not exclusive to chemical, biological, and environmental control methods. Other topics to be covered include chemical treatment product selection, calculations, equipment requirements, and labels. Water quality management and aeration will also be addressed.

2 CCHs in Category 5 – RT



## CLASSROOM A

9:00 to  
10:00 am

### **Understanding Sprinkler Spacing**

CHRIS FOSTER ■ Hunter Industries

Do you understand why, if a sprinkler throws water 35' you need to space them 35' apart?? We explain what a sprinkler profile is and why it is so important. Then we will follow up with nozzle selection and performance, understanding matched precipitation nozzling and how it affects applying water to the lawn. This is key information for anyone that operates a lawn sprinkler system.

10:00 to  
11:00 am

### **State Legislative Update**

CHAD FORCEY ■ The Irrigation Association

Chad Forcey serves as the State Affairs Director for the Irrigation Association, where he executes the IA's state and local legislative and regulatory strategy. Prior to joining the IA, Chad worked in a variety of government affairs, environmental policy, and legislative positions since 1998. He has served with the Virginia House of Delegates, with the Pennsylvania Office of the Lt. Governor, and with the PA Department of Environmental Protection. Chad worked for six years as the Director of Government Relations for the Pennsylvania Landscape & Nursery Association.

11:00 to  
1:30 pm

### **The 26th Annual Summer Field Day and World Famous Barbecue Luncheon**

1:30 to  
2:30 pm

### **Effectively Using Fungicides in the Landscape**

DR. JANA BECKERMAN ■ Purdue University

Many lawn and landscape professionals have difficulty controlling disease and insects on ornamentals because they select the wrong product, or don't properly time the application to provide adequate control. This presentation will focus on management of common diseases such as apple scab, other leaf spots, powdery mildew, Phytophthora blight, and root and collar rot.

1 CCH in Category 2 – 3A – RT

2:30 to  
3:30 pm

### **Effectively Using Insecticides in the Landscape**

DR. CLIFF SADOFF ■ Purdue University

Our early spring in 2012 has caused many problems for lawn and landscape professionals. This presentation will review the tools you can use to monitor weather and insect development to improve the timing of foliar and soil applications of insecticides. Dr. Sadoff will also explain how these tools can be used to plan for managing Emerald Ash Borer, scale, bagworms, and Japanese Beetles.

1 CCH in Category 2 – 3A – RT



**Join the IPLLA for \$150.00 per Year and Attend All Events at Member Rates!**

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.



**MEMBERSHIP APPLICATION**

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Job Title: \_\_\_\_\_ Company Name: \_\_\_\_\_

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

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

Telephone w/Area Code: \_\_\_\_\_

Primary Email Address (please print clearly): \_\_\_\_\_

Emergency Contact Name: \_\_\_\_\_ Telephone: \_\_\_\_\_

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 Government
- School District

- Industry Supplier
- Mowing/Maintenance
- Sports Field Management

- Institutional Grounds
- Parks Department
- Tree & Shrub Contractor

Other \_\_\_\_\_

**Join online, or make your \$150.00 Annual Dues Check Payable to IPLLA**

Mail Completed Applications and Payment to: IPLLA P.O. Box 481, Carmel, Indiana 46082. Or, log onto [www.iplla.com](http://www.iplla.com) and pay with Visa, MC or Discover

**REGISTER FOR THE 2012 SUMMER FIELD DAY**

To ensure timely and proper registration, we encourage you to register online at our website. You can register at [www.iplla.com](http://www.iplla.com). Click on the EVENTS tab and then "2012 Summer Field Day Registration." We accept Visa, MC and Discover. **Register online to be eligible for a drawing where one person will be chosen to receive free attendance to all events in 2013.**

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

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

Job Title: \_\_\_\_\_

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

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

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

Telephone w/Area Code: \_\_\_\_\_

Primary Email Address (please print clearly): \_\_\_\_\_

In which pesticide categories is your company licensed? \_\_\_\_\_

What is your home county? \_\_\_\_\_

**PLEASE LIST ALL ATTENDING** *(please print clearly)* Mail Completed Reservation and Payments to: IPLLA P.O. Box 481, Carmel, Indiana 46082

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

**2012 Field Day Registration Fees**

<b>IPLLA Member</b>	— 1st Person .....	\$65.00 each
<b>Firm</b>	— 2nd through 5th Person .....	\$60.00 each
	— Groups of 6 or more:	Call IPLLA for special rates
<b>Non-Member</b>	— 1st Person .....	\$95.00 each
<b>Firm</b>	— Each Additional Person .....	\$90.00 each

*Luncheon is included in price*

**Please make checks payable to:**

IPLLA • P.O. Box 481 • Carmel, Indiana 46082 • (317) 575-9010