



TRI-STATE
G **REEN**
I **NDUSTRY**
C **ONFERENCE**

February 1, 2024
Sharonville Convention Center
Cincinnati, OH



GIC Planning Committee

Heather Augustine – Cincinnati State Horticulture Department
J.T. Benitez – OSU Extension Butler County
Scott Beuerlein – Cincinnati Zoo and Botanical Garden
Joe Boggs – OSU Extension Hamilton County
Robby Brockman – UK Extension Boone County
Amy Coors – OSU Extension Hamilton County
Mark Deacon – Cincinnati State Horticulture Department
Kristen Eisenhauer – OSU Extension Mahoning County
Steve Foltz – Cincinnati Zoo and Botanical Garden
Gustavo Garay-Rodriguez – OSU Department of Plant Pathology
Brandon George – UK Extension Kenton County
Jennifer Goldschneider – Hamilton County Master Gardeners
Pat Greeson – Natorp's Nursery
Dave Gressley – Spring Grove Cemetery and Arboretum
Brian Grubb – University of Cincinnati DAAP Horticulture
Maria Gulley – OSU Extension Hamilton County
Brian Heinz – Spring Grove Cemetery and Arboretum
Jeff Hermes – Purdue Extension Decatur County
Sarah Imbus – UK Extension Campbell County
Dee Jepsen – OSU Agriculture Health and Safety Program
Paul Koloszar – Cincinnati Zoo and Botanical Garden
Claire Linepense – OSU Extension Hamilton County
Gigi Neal – OSU Extension Clermont County
Annika Pratt – University of Wisconsin
Beth Scheckelhoff – OSU Extension Putnam County
Shalise Simmons – OSU Extension Learning and Organizational Development
Kris Stone – Boone County Arboretum

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Conference Schedule

7:00-8:00 AM	Check-in and On-Site Registration
8:00-9:15 AM	Keynote Session
9:30-10:30 AM	Speaker Track Sessions
10:30-11:00 AM	Break at the Trade Show
11:00-12:00 PM	Speaker Track Sessions
12:00-1:30 PM	Lunch at the Trade Show
1:30-2:30 PM	Speaker Track Sessions
2:30-3:00 PM	Break at the Trade Show
3:00-4:00 PM	Speaker Track Sessions
4:10-5:10 PM	Speaker Track Sessions

ODA Testing, Room 109 9:30 AM - 5:00 PM
See bottom of page 3 for details

Keynote Session

Ballrooms A & B - Upstairs

Climate Action in the Green Industry
Aaron B. Wilson, Assistant Professor
OSU Ag Weather and Climate Field Specialist; Department of Extension

Evidence clearly demonstrates that our weather patterns, or climate, are changing, but the changes we experience depend greatly on where we live. In this presentation, we will discuss the observed and expected changes in climate, the global to local impacts on the green industry, and the actions we are taking to build resilience to these changes.

Professional Credits: ISA (Certified Arborist, Municipal Specialist, BCMA Management), Indiana (1, 3a, 3b, RT), LACES HSW

Credits at a Glance

Kentucky Pesticide Applicator CEUs: 7 hours for Category 3 (see credits table in lobby)

Earns 6 Ohio Green Industry Association OCNT Credits (Self-reporting - see OGIA website)

Credits Abbreviations Ohio Dept. of Agriculture (ODA) ODA-C: Commercial Pesticide Applicator ODA-P: Private Pesticide Applicator Landscape Architecture LACES-HSW: LACES with Health, Safety, and Welfare LACES: LACES without Health, Safety, and Welfare				
Indiana Pesticide Applicator: IN International Society of Arboriculture (ISA) Certified Arborist: CA Utility Specialist: US Municipal Specialist: MS BCMA Science: BC-S				
BCMA Practice: BC-P BCMA Management: BC-M TW Climber Specialist: TWC TW Aerial Lift Specialist: TWA				
8:15-9:15 Keynote: Aaron Wilson (Ballrooms A&B) ISA-CS, ISA-MS, ISA-BM LACES-HSW IN: 1, 3a, 3b, RT				
Annuals & Perennials Ballroom A (page 4)	Trees & Shrubs Ballroom B (page 5)	Educators Room 101 (page 6)	Emerging Issues Room 102-103 (page 7)	Turfgrass Room 104-105 (page 8)
9:30-10:30 AM Cold-Hardy Cacti LACES-HSW	9:30-10:30 AM Tree Diseases & Disorders ODA-C: 6a ODA-P: 4 ISA: CA, MS, BC-S IN: 2, 3a, RT LACES-HSW	9:30-10:30 AM Growing the Industry ISA: CA, MS, BC-M LACES	9:30-10:30 AM Therapy and Healing Gardens LACES-HSW	9:30-10:30 AM Difficult Lawn Weeds ODA-C: 8 ODA-P: 7 IN: 3b, RT
11:00 AM-12:00 PM Back to the Future with Perennials LACES-HSW	11:00 AM-12:00 PM Urban Forest Mgmt ISA: CA, MS, BC-M IN: 2, 3a, RT LACES-HSW	11:00 AM-12:00 PM Post-Secondary Horticulture Pathways ISA: CA, MS, BC-M LACES	11:00 AM-12:00 PM New Research in Urban Forestry ISA: CA, MS, BC-M IN: 2, 3a, RT LACES-HSW	11:00 AM-12:00 PM Mgmt of Turfgrass Insect in Climate Change ODA-C: 8 ODA-P: 7 IN: 3b, RT
1:30-2:30 PM Design Evolution LACES-HSW	1:30-2:30 PM Invasive Plant Mgmt ODA-C: 4a ODA-P: 4 ISA: CA, MS, BC-M IN: 1, 2, 3a, 6, RT LACES-HSW	1:30-2:30 PM Environmental Sciences Academy (no credits)	1:30-2:30 PM Boxwood Diseases & Physiological Problems ODA-C: 6a ODA-P: 4 ISA: CA, MS, BC-S IN: 2, 3a, RT LACES-HSW	1:30-2:30 PM Lawn Fertilizer Program ODA-C: 8 ODA-P: 7 IN: 3b, RT
3:00-4:00 PM Native Perennials LACES-HSW	3:00-4:00 PM Landscape Diversification ODA-C: 6a ODA-P: 4 ISA: CA, MS, BC-P IN: 3a, RT LACES-HSW	3:00-4:00 PM Innovative Media in Horticulture Education (no credits)	3:00-4:00 PM Box Tree Moth ODA-C: 6a ODA-P: 4 ISA: CA, MS, BC-S IN: 2, 3a, RT LACES-HSW	3:00-4:00 PM Playable & Safe Athletic Fields (no credits)
4:10-5:10 PM Top Performing Annuals LACES-HSW	(no session)	(no session)	4:10-5:10 PM Boxwood Panel ODA-C: 6a ODA-P: 4 ISA: CA, MS, BC-S IN: 2, 3a, RT LACES-HSW	(no session)

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8:15-9:15 Keynote: Aaron Wilson (Ballrooms A&B) ISA-CS, ISA-MS, ISA-BM LACES-HSW IN: 1, 3a, 3b, RT				
Greenhouse & Urban Ag Room 107-108 (page 9)	Landscape Ecosystems Room 201 (page 10)	General Pest & Disease Room 202 (page 11)	Worker Safety Room 203 (page 12)	Spanish Room 204 (page 13)
9:30-10:30 AM Downy Mildew ODA-C: 6d ODA-P: 5	9:30-10:30 AM Monarch Conservation Garden LACES-HSW	9:30-10:30 AM Bowood Menaces ODA-C: 6a ODA-P: 4 ISA: CA, MS, BC-S IN: 2, 3a, RT LACES-HSW	9:30-10:30 AM Update on Ticks ODA-C: 10d ISA: CA, US, MS, BC-M, TWC, TWA IN: 7a, RT	9:30-10:30 AM El Manejo de Plagas de Invernadero ODA-C: 6d ODA-P: 5
11:00 AM-12:00 PM Diseases of Annual Crops ODA-C: 6a ODA-P: 4 IN: 1, RT LACES-HSW	11:00 AM-12:00 PM Wicked Weeds ODA-C: 5 ODA-P: 7 ISA: CA, US, MS, BC-S, TWC, TWA IN: 1, 2, 3a, 3b, 6, RT	11:00 AM-12:00 PM ODA Regulatory Update ODA-C & ODA-P: CORE ISA: CA, US, MS, BC-M, TWC, TWA IN: 1, 2, 3a, 3b, 4, 5, 6, 7a, 7d, 8, 11, RT	11:00 AM-12:00 PM Heat Stress ISA: CA, US, MS, BC-S, TWC, TWA	11:00 AM-12:00 PM Insectos Plaga en Parques y Jardines ODA-C: 6a ODA-P: 4 ISA: CA, MS, BC-P IN: 2, 3a, RT
1:30-2:30 PM Plant Growth Regulators ODA-C: 6d ODA-P: 5 IN: 1, 3a, RT	1:30-2:30 PM Pollinator Research LACES-HSW	1:30-2:30 PM Invasive Species Affecting Ponds ODA-C: 3a ODA-P: 7 IN: 5, RT	1:30-2:30 PM Job Site Risk Panel (no credits)	1:30-2:30 PM Identificación y Manejo de Malezas ODA-C: 6c ISA: CA, MS, BC-P IN: 1, 3a, RT
3:00-4:00 PM Nutrient Deficiencies in Greenhouse Production IN: 1, 3a, RT	3:00-4:00 PM Pollinator Plants ISA: CA, MS, BC-M LACES-HSW	3:00-4:00 PM Spotted Lanternfly ODA-C: 6a ODA-P: 4 ISA: CA, US, MS, BC-S, TWC, TWA IN: 2, 3a, RT	3:00-4:00 PM Chainsaw Safety Part 1 ISA: CA, US, MS, BC-M, TWC, TWA	3:00-5:10 PM Uso Seguro y Eficaz de Insecticidas en Áreas Verdes ODA-C & ODA-P: CORE ISA: CA, MS, BC-P IN: 1, 2, 3a, 3b, 7a, 8, 11, RT
(no session)	4:10-5:10 PM Non-Native Earthworms (no credits)	4:10-5:10 PM Plant Diagnostic Update ODA-C: 6a ODA-P: 4 ISA: CA, MS, BC-P IN: 3a, RT LACES-HSW	4:10-5:10 PM Chainsaw Safety Part 2 ISA: CA, US, MS, BC-M, TWC, TWA	

ODA Pesticide Applicator Testing (Room 109)

Testing for Ohio Department of Agriculture pesticide applicator licensing will be available all day for CORE and all categories. Testing begins at 9:30 AM on a first-come, first-serve basis for people who reserved spots in advance. New seats will open on a rolling basis throughout the day. You must arrive by 3:00 PM to be able to sit for a test.

Annuals and Perennials

Ballroom A

Sessions in the annuals and perennials track will focus on topics related to working with herbaceous plants in production, design, and maintenance.

9:30-10:20 AM

Growing Cold-Hardy Succulents and Cacti in the Tri-State

Ed Atkinson, Horticulturist at Cincinnati Zoo and Botanical Garden

Join us on a deep dive into the unique challenges and rewards of cultivating cacti and succulents in our cold, wet winters. Learn how to design, plant, and care for the fascinating array of species that can call an Ohio garden home!

Professional Credits: LACES-HSW

11:00 AM-12:00 PM

“Back to the Future” with Perennials

Jennifer Radcliffe, Grower and Sales at Greenfield Plant Farm

A revolving look at trends, terms, and tactics in the proper planning and successful use of perennial plants.

Professional Credits: LACES-HSW

1:30-2:30 PM

Design Evolution: Understanding a Garden Aesthetic

Patty Schneider, Horticulturist at the Garden at Newfields

If you have ever wanted to get into the head of a garden designer to see the process of developing a display from idea to reality, here is your chance. Patty Schneider, Senior Horticulturist at The Garden at Newfields, will share how to find and apply inspiration to design, what design principles and tools are most helpful to her process, and how to organize designs to remain focused from inception to planting.

Professional Credits: LACES-HSW

3:00-4:00 PM

New and Underused Native Perennials for Today's Garden

Brian Jorg, Manager of Native Plant Program at Cincinnati Zoo and Botanical Garden

We will look at new plants from the Cincinnati Zoo & Botanical Garden's Native Plant Program, as well as lesser known native plants that deserve a spot in our gardens. Though these plants may be harder to find, they should be on your radar to add to your garden.

Professional Credits: LACES-HSW

4:10-5:10 PM

The Best Passed the Test: Top Performing Annuals for Ohio Landscapes

Pamela J. Bennett, Professor at Ohio State University Extension

Pam will take you through this fast-paced presentation of the Ohio State University Cultivar trials. You will learn about the two different trialing methods, one high maintenance and one low maintenance, and which annuals were selected as top performers.

Professional Credits: LACES-HSW

Trees and Shrubs

Sessions in the tree and shrubs track will focus on topics related to working with woody plants in production, design, and maintenance.

9:30-10:20 AM

Tree Diseases and Disorders and New Issues on the Horizon

Dr. Jason A. Smith, University of Mount Union, Director of the Huston-Brumbaugh Nature Center/Professor of Biology

Urban and landscape trees are facing increasing threats from new and emerging pathogens and abiotic stresses. This presentation will highlight the newest threats, providing information on diagnosis and what is currently known about management. Potential risks of diseases that are found in other regions that could be damaging to trees in the eastern U.S. will also be summarized.

Professional Credits: ODA Commercial (6a), ODA Private (4), ISA (Certified Arborist, Municipal Specialist, BCMA Science), IN (2, 3a, RT), LACES-HSW

11:00 AM-12:00 PM

Cincinnati Parks Innovative Urban Forest Management

Crystal Courtney, Cincinnati Parks Division Manager of Natural Resources

Cincinnati Parks has been leading the way in Urban Forestry Management for over 40 years. This legacy continues with advancements made in funding mechanisms specific to Ohio municipalities, utilization of canopy data to inform community canopy needs, repurposing of wood waste into biochar for soil amendments and stormwater management, and leading innovative training programs to restore publicly owned urban forests.

Professional Credits: ISA (Certified Arborist, Municipal Specialist, BCMA Management), IN (2, 3a, RT), LACES-HSW

1:30-2:30 PM

Invasive Plant Management and Ecological Restoration, How to safely and responsibly do the Job Right

Kevin Ptacek, Davey Resource Group, Project Manager

The presentation will focus on the process needed to control invasive plant species safely and responsibly through a variety of control methods – pesticide, cultural, and physical control methods that vary, depending on the target species and season.

Professional Credits: ODA Commercial (4a), ODA Private (4), ISA (Certified Arborist, Municipal Specialist, BCMA Management), IN (1, 2, 3a, 6, RT), LACES-HSW

3:00-4:00 PM

Examining the benefits and challenges of landscape diversification

Dr. Chris Riley, Bartlett Tree Research Laboratories/Casey Trees; Research Scientist

In this presentation, we will explore the benefits and challenges of landscape diversification with special attention given to the connection with plant pest management.

Professional Credits: ODA Commercial (6a), ODA Private (4), ISA (Certified Arborist, Municipal Specialist, BCMA Practice), IN (3a, RT), LACES-HSW

Educators

New for 2024, we are introducing the educators track! This series focuses on resources available to educators for their classrooms and their students.

9:30-10:20 AM

Growing the Green Industry: connecting students and career opportunities

Maria Gulley, OSU Extension Hamilton County, Program Coordinator

The green industry has a tremendous number of available jobs for a wide range of interests, but student awareness of these opportunities is limited. Hamilton County Extension is planning a set of programs aimed at connected K-12 schools to companies and agencies across the spectrum of green careers to show them school skills in action and highlight possible career paths.

Professional Credits: ISA (Certified Arborist, Municipal Specialist, BCMA Management), LACES

11:00 AM-12:00 PM

Panel: Post-Secondary Pathways in Horticulture

Panelists: Robin M. Tribbett (Purdue University), Brianna Schneider (Ohio State University), Mark Deacon (Cincinnati State), Brian Grubb (University of Cincinnati)

This panel on post-secondary opportunities will highlight college programs related to horticulture from Ohio, and Indiana. Panelists will describe the programs at their schools and answer questions about the programs, the kinds of careers graduates can pursue, and the qualities of successful and prepared students.

Professional Credits: ISA (Certified Arborist, Municipal Specialist, BCMA Management), LACES

1:30-2:30 PM

Kentucky 4-H Natural Resources and Environmental Sciences Academy

Ashley Osborne, University of Kentucky, Extension Specialist for 4-H Youth Development

The 4-H Natural Resources and Environmental Science Academy is a three-year program designed to teach middle school aged youth about their natural environment (i.e., water, entomology, forestry, and wildlife). Upon completion of the program, youth may apply to be ambassadors to further develop their leadership skills and apply the knowledge they learned. This program can easily be adapted for other county or state Extension programs.

Professional Credits: none

3:00-4:00 PM

Innovative Media in Horticulture Education

Emma Greer, Anderson Township Historical Society Urban Farm

Today's classrooms have more opportunities than ever to creatively incorporate a range of media. In this presentation I will speak from my extensive experience with a range of types of film production and education to discuss how some of these techniques can be brought to your classroom for year-round nature and garden education

Professional Credits: none

Emerging Issues and Boxwood Symposium

9:30-10:20 AM

Nature or Nurture: A Holistic Oasis in a Trauma Setting

Rose Henry-Seeger, Owner of Green City Resources

This presentation will touch on the use of healing and therapy gardens in the healthcare industry. It will go over the basic design elements for different gardens, and you can learn how and why healing gardens are becoming so popular and why healthcare facilities are using them.

Professional Credits: LACES-HSW

11:00 AM-12:00 PM

New Research in Urban Forestry

David S Bienemann, City of Hamilton, Ohio – Municipal Arborist-Utility Forester

Urban Forestry Research in Hamilton, Ohio (Cincinnati Area) discussing climate change impacts to urban trees, monarch conservation and edge habitat with trees, transplant shock growth recovery of trees planted in the last 5 years and Tree Equity using urban site index in the urban forestry.

Professional Credits: ISA (Certified Arborist, Municipal Specialist, BCMA Management), IN (2, 3a, RT), LACES-HSW

Boxwood Symposium

1:30-2:30 PM

An Overview of Boxwood Diseases and Physiological Problems

Dr. Francesca Hand, OSU Plant Pathology

This presentation will focus on boxwood diseases and physiological challenges observed in Ohio in 2023. Disease detection and management will be discussed along overall impacts on boxwoods aesthetics.

Professional Credits: ODA Commercial (6a), ODA Private (4), ISA (Certified Arborist, Municipal Specialist, BCMA Science), IN (2, 3a, RT), LACES-HSW

3:00-4:00 PM

Box Tree Moth Overview and Regulatory Updates

Joe Boggs, OSU Extension; Dan Kenny, ODA

This presentation will provide a Box Tree Moth overview focusing on biology, detection, and management including regulatory actions.

Professional Credits: ODA Commercial (6a), ODA Private (4), ISA (Certified Arborist, Municipal Specialist, BCMA Science), IN (2, 3a, RT), LACES-HSW

4:10-5:10 PM

Box Tree Moth Overview and Regulatory Updates

Joe Boggs, OSU Extension; Dan Kenny, ODA

Panel discussion focusing on the future viability of boxwoods in light of BTM pest management decisions being added to disease management decisions.

Professional Credits: ODA Commercial (6a), ODA Private (4), ISA (Certified Arborist, Municipal Specialist, BCMA Science), IN (2, 3a, RT), LACES-HSW

Turfgrass

Sessions in the Turfgrass Management track focus on management of commercial, residential, and athletic turfgrass.

9:30-10:20 AM

Combating Difficult-to-Control Lawn Weeds

Brandon McNally, Purdue University, Research Associate

This presentation will focus on lawn care but most weeds mentioned are also problematic on golf courses and athletic fields. Grasses, broadleaf weeds, and sedges will be highlighted and a management plan to control these weeds through an integrated pest management approach will be discussed.

Professional Credits: ODA Commercial (8), ODA Private (7), IN (3b, RT)

11:00 AM-12:00 PM

Managing Turfgrass Insects in the Era of Climate Change

Dr. Doug Richmond, Professor, Department of Entomology, Purdue University

This presentation will focus on usage strategies for turfgrass insecticides and how climate variability can influence efficacy.

Professional Credits: ODA Commercial (8), ODA Private (7), IN (3b, RT)

1:30-2:30 PM

Building a Fertilizer Program for Lawns

Dr. Tyler Carr, Assistant Professor and Turfgrass Extension Specialist, OSU Hort and Crop Science

A healthy turfgrass system requires fertilizer to increase its ability to recover from biotic and abiotic stressors, including pest pressure. This presentation will outline the steps for developing a cost-effective fertilizer program, that enhances turfgrass recovery and promotes limited pesticide inputs.

Professional Credits: ODA Commercial (8), ODA Private (7), IN (3b, RT)

3:00-4:00 PM

Keep Your Athletic Fields Playable and Safe

Pam Sherratt, Turfgrass Specialist OSU Horticulture and Crop Science

This presentation will cover the top ten things you can do to decrease risk and enhance playability with your natural and synthetic playing surfaces. New ideas coupled with tried-and-true concepts will be presented.

Professional Credits: none

Greenhouse and Urban Agriculture

Sessions in the Greenhouse and Urban Agriculture track focus on management of greenhouse crops, especially ornamental annuals.

9:30-10:20 AM

Don't DM Me (Downy mildew on annuals and perennials)

Dr. Janna Beckerman, Purdue Univ. Plant Pathology

Downy mildew is both an annual and perennial problem—and seems to be increasing in recent years. This talk will focus on identifying and managing downy mildew on annuals, perennials and herbs in greenhouse production.

Professional Credits: ODA Commercial (6d), ODA Private (5)

11:00 AM-12:00 PM

Annual Aggravation (Common diseases of annual crops)

Dr. Janna Beckerman, Purdue Univ. Plant Pathology

Annuals deserve a lot more respect than we give them. Annuals have an oversized impact in garden and landscape! Unfortunately, disease has a big impact on annuals (and can even make some perennials turn into annuals!). Learn how identifying and managing major disease problems on annuals (Botrytis, powdery mildew, Rhizoctonia and Thielaviopsis) will improve both your bottom line and consumers gardens.

Professional Credits: ODA Commercial (6d), ODA Private (4), IN (1, RT), LACES-HSW

1:30-2:30 PM

Using Plant Growth Regulators during Propagation and Young Plant Production

Dr. W. Garrett Owen and Ty Rich, OSU Dept. of Hort and Crop Science

During plug and rooted cutting production, growers must consider space use efficiency and conserve time and labor. Plant growth regulators (PGRs) can help growers promote rooting, control growth, enhance branching, and abort flowers in plugs and rooted cuttings. This session will discuss the basics and highlight research findings when using PGRs during propagation and young plant production.

Professional Credits: ODA Commercial (6d), ODA Private (5), IN (1, 3a, RT)

3:00-4:00 PM

The Ins and Outs of Nutrient Deficiencies During Greenhouse Crop Production

Dr. W. Garrett Owen, OSU Dept. of Hort and Crop Science

Nutrient disorders commonly occur during greenhouse crop production. This presentation will review the basics of nutrient disorders and factors that induce these disorders. In addition, Garrett will highlight the different methods of in-house nutritional monitoring, routine and diagnostic plant sampling, and corrective actions so you can keep your greenhouse and nursery crops on track.

Professional Credits: IN (1, 3a, RT)

Landscape Ecosystems

Sessions in the Landscape Ecosystems track focus on sustainable landscape management. Our 2024 selections primarily address insect biodiversity.

9:30-10:20 AM

Building a Better Monarch Conservation Garden

Dr. Adam Baker, Davey Institute: Research Entomologist

This presentation will help attendees to better understand the environmental pressures that influence monarch butterfly decline, why their conservation matters, and population growth initiatives. I will discuss how applying ecological theory to monarch waystations can increase their findability, usage, and overall conservation value. In addition, I will be discussing the best milkweed species for your garden and the use of milkweed cultivars.

Professional Credits: LACES-HSW

11:00 AM-12:00 PM

Wicked Weeds: Identification and Management

Joe Boggs, OSU Extension / OSU Entomology

This presentation will provide an overview of dangerous weeds with a focus on poison hemlock and wild parsnip. Learn how to identify and manage these invasive weeds that present a serious health risk to the public and Green Industry employees.

Professional Credits: ODA Commercial (5), ODA Private (7), ISA (Certified Arborist, Utility Specialist, Municipal Specialist, BCMA Science, TW Climber Specialist, TW Aerial Lift Specialist)

1:30-2:30 PM

Pollinator 2: Judgement Day. Update on Pollinator Research at CZBG

Jerome Stenger, Horticulturist, Cincinnati Zoo and Botanical Garden (CZBG)

In 2023, CZBG Pollinator Watch recorded 5,300 data points of plant-pollinator interactions on perennials and shrubs around the zoo and nearby community gardens. This talk will review that process, parse the data, and highlight plants that brought an abundance and diversity of pollinators.

Professional Credits: LACES-HSW

3:00-4:00 PM

Pollinator Plants and Gardens: You Can Please Everyone

Steve Foltz, Director of Horticulture, Cincinnati Zoo and Botanical Garden (CZBG)

One of the hottest trends in Horticulture is Native Plants. Everywhere we go we hear we should be planting more native plants. What counts as native? Where do cultivars and selections of native plants fit in? Where do plants like Jane Magnolia and Ginkgo fit into this new Native-only landscape? If it is not native, will it become an invasive plant? What is an invasive plant? Steve will do his best to clarify these questions and more.

Professional Credits: ISA (Certified Arborist, Municipal Specialist, BCMA-Management), LACES-HSW

4:10-5:10 PM

Non-Native Earthworms in Forested Landscapes

Kayla Perry, OSU Entomology

This presentation will highlight the biology and ecology of non-native earthworms found in Ohio and their potential impacts on soil and plant health in urban landscapes and forests.

Professional Credits: none

General Pest and Disease

Sessions in the General Pest and Disease track address a range of issues related to diseases, insects, weeds, and management of these problems.

9:30-10:20 AM

Boxwood Menaces

Dr. Jonathan L. Larson, Univ. of Kentucky Dept. of Entomology

Learn about established boxwood pests such as boxwood mites, leafminers, and psyllids as well as upcoming issues like the box tree moth. The biology and life cycle of each pest will be discussed to emphasize IPM-based ways to manage them.

Professional Credits: ODA Commercial (6a), ODA Private (4), ISA (Certified Arborist, Municipal Specialist, BCMA Science), IN (2, 3a, RT), LACES-HSW

11:00 AM-12:00 PM

ODA Regulatory Update

Matt Cochran, Ohio Dept of Agriculture – Certification & Training/Product Registration Manager

The Ohio Dept of Agriculture Pesticide & Fertilizer Regulation Section will be giving a general regulatory update on regulations, certification & training, website updates, and enforcement cases.

Professional Credits: ODA Commercial (CORE), ODA Private (CORE), ISA (Certified Arborist, Utility Specialist, Municipal Specialist, BCMA Management, TW Climber Specialist, TC Aerial Lift Specialist), IN (1, 2, 3a, 3b, 4, 5, 6, 7a, 7d, 8, 11, RT)

1:30-2:30 PM

Invasive (and Some Less-desirable Native) Species Affecting Ponds

Eugene Braig, OSU Extension, Program Director for Aquatic Ecosystems

Because of the nature of many ponds—privately managed and with access by the general public uncommon—the risk of many aquatic invasive species is somewhat reduced. However, there are at least some invasives that commonly recruit as well as some native organisms that can become a nuisance or weed issue if unchecked in ponds. We'll discuss those organisms and their management.

Professional Credits: ODA Commercial (3a), ODA Private (7), IN (5, RT)

3:00-4:00 PM

Spotting and Managing the Spotted Lanternfly

Amy Stone, Ohio State University Extension, Lucas County

The Spotted Lanternfly (*Lycorma delicatula*) (SLF) is a non-native, invasive insect, that is making Ohio home since its introduction into the US in 2014, and its first detection in Ohio in 2022. This planthopper continues to spread and is making new counties and states home. Participants will learn about where this insect has been found, common means of movement into new areas, life-cycle and host preferences, and management options.

Professional Credits: ODA Commercial (6a), ODA Private (4), ISA (Certified Arborist, Utility Specialist, Municipal Specialist, BCMA Science, TW Climber Specialist, TW Aerial List Specialist), IN (2, 3a, RT)

4:10-5:10 PM

Plant Diagnostic Update: Trends and New Finds in 2023

Julie Beale, Director, University of Kentucky Plant Disease Diagnostic Laboratory

Presentation will detail the important landscape diseases diagnosed in Kentucky in 2023 with an emphasis on both highly prevalent and new/emerging diseases. Unusual weather patterns and other environmental factors enhanced disease development in the previous year and may provide insight into possible future disease trends.

Professional Credits: ODA Commercial (6a), ODA Private (4), ISA (Certified Arborist, Municipal Specialist, BCMA Practice), IN (3a, RT), LACES-HSW

Worker Safety

Sessions in the Worker Safety track focus on a range of safety issues of particular concern to employees working outdoors in the green industry.

9:30-10:20 AM

An Update on Ticks in 2024

Timothy McDermott, Assistant Professor, OSU Extension, Franklin County

Ohio is on the forefront of tick expansion going from one tick of medical importance to humans, companion animals, and livestock twenty years ago to five now, including two new ticks, one invasive and one deadly, in the past few years. Come learn the state of ticks in Ohio and how you can keep yourself, your family, and your animals tick-safe.

Professional Credits: ODA Commercial (10d), ISA (Certified Arborist, Utility Specialist, Municipal Specialist, BCMA Management, TW Climber Specialist, TW Aerial Lift Specialist), IN (7a, RT)

11:00 AM-12:00 PM

Heat Stress for Outdoor Workers

Dr. Dee Jepsen, OSU Extension, State Agricultural Safety and Health Leader

This session is intended for outdoor workers who are exposed to peak temperature and humidity levels during the spring and summer seasons. Participants will learn about potential heat hazards that could turn deadly and provide tools to prevent fatigue and over-exposure. An emphasis will be on awareness and control of heat hazards.

Professional Credits: ISA (Certified Arborist, Utility Specialist, Municipal Specialist, BCMA Science, TW Climber Specialist, TW Aerial Lift Specialist)

1:30-2:30 PM

Risky Business

Panel discussion led by Beth Scheckelhoff, OSU Extension Putnam County

A panel of industry professionals will discuss personal and professional risk on the job with real-world examples

Professional Credits: none

3:00-4:00 PM

Chainsaw Safety and Maintenance Part 1

Dan Loch, Field Applications Specialist, Bryan Equipment Sales

Learn how to keep yourself and others safe while effectively using a chainsaw. This presentation will focus on worksite safety and preparedness, PPE, chainsaw features and their benefits, proper tree felling techniques, and chainsaw maintenance.

Professional Credits: ISA (Certified Arborist, Utility Specialist, Municipal Specialist, BCMA Management, TW Climber Specialist, TW Aerial Lift Specialist)

4:10-5:10 PM

Chainsaw Safety and Maintenance Part 2

Dan Loch, Field Applications Specialist, Bryan Equipment Sales

Learn how to keep yourself and others safe while effectively using a chainsaw. This presentation will focus on worksite safety and preparedness, PPE, chainsaw features and their benefits, proper tree felling techniques, and chainsaw maintenance.

Professional Credits: ISA (Certified Arborist, Utility Specialist, Municipal Specialist, BCMA Management, TW Climber Specialist, TW Aerial Lift Specialist)

Spanish

Como novedad para 2024, todas las sesiones de la modalidad española se impartirán en español. Las sesiones cubrirán una amplia gama de temas relevantes.

9:30-10:20 AM

Practicas Clave para el Manejo de Plagas de Invernadero. (Key Practices to Manage Greenhouse Pests)

Dr. Luis Canas, Associate Professor, Entomology, Ohio State University

Durante esta presentación el Dr. Canas incluirá información sobre prácticas integradas de control para el manejo de plagas comunes de invernadero como los trips, áfidos, ácaros, y mosca blanca. Los conceptos incluidos serán el uso de técnicas de saneamiento para mantener las áreas limpias, el establecimiento de rotaciones químicas apropiadas y el uso de control biológico.

Créditos Profesionales: ODA Commercial (6d), ODA Professional (5)

11:00 AM-12:00 PM

Identificación y Control de Insectos Plaga en Parques y Jardines (Identification and Control of Pest Insects in Parks and Gardens)

Erick Javier Martinez Rodriguez, Graduate Student, OSU Entomology

En esta presentación, exploraremos el cautivador mundo de los entornos paisajísticos, donde la belleza de la naturaleza a veces puede ser interrumpida por adversarios diminutos pero formidables: las plagas de insectos. Presentaremos la importancia de la identificación precisa de las plagas, lo cual es crucial para un programa de control efectivo.

Créditos Profesionales: ODA Commercial (6a), ODA Professional (4), ISA (Certified Arborist, Municipal Specialist, BCMA Practice), IN (2, 3a, RT)

1:30-2:30 PM

Identificación y Manejo de Malezas en el Paisaje (Identification and Management of Weeds in the Landscape)

Jeanine Arana, Graduate Student, Purdue University, Horticulture & Landscape Architecture

Diferenciar malezas en el paisaje es importante para mantener la salud del ecosistema o jardín. Las malezas son plantas no deseadas que compiten con especies nativas o cultivos deseados. Esta presentación será una orientación para identificar, diferenciar y manejar malezas comunes en el paisaje.

Créditos Profesionales: ODA Commercial (6c), ISA (Certified Arborist, Municipal Specialist, BCMA Practice), IN (1, 3a, RT)

3:00-5:10 PM

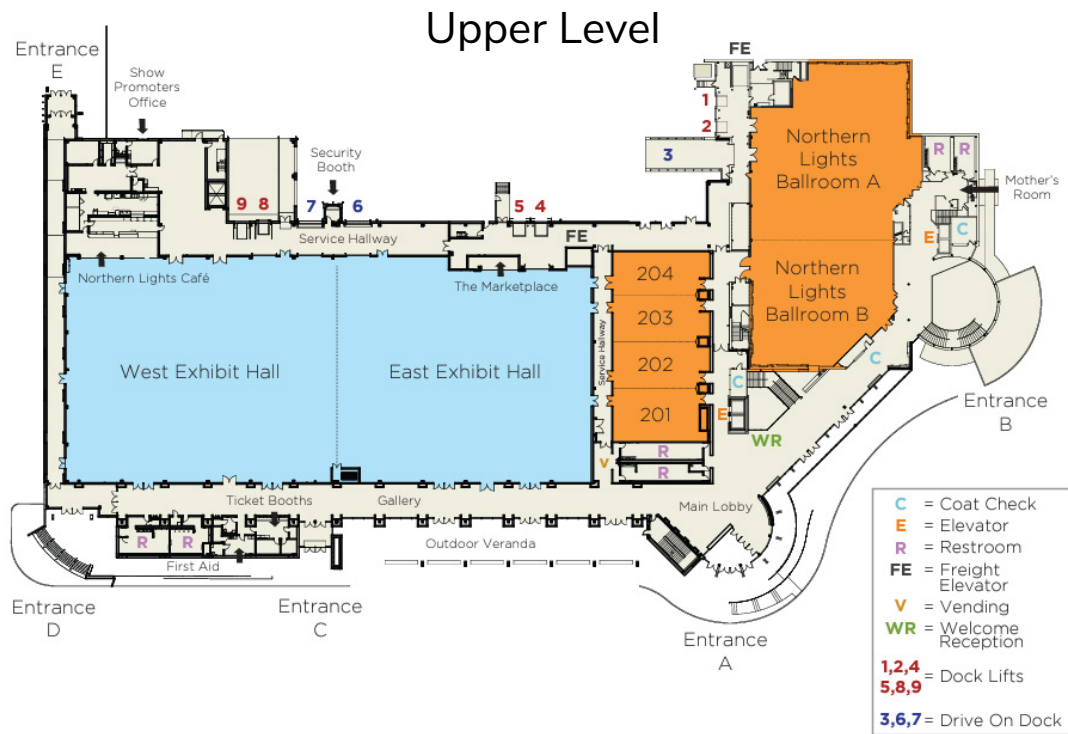
Uso Seguro y Eficaz de Insecticidas en Áreas Verdes (Safe and Effective Use of Insecticides in Green Areas) 2 Horas

Hipólito O'Farrill-Nieves, Entomologist (Retired from Univ. of Puerto Rico Extension Service)

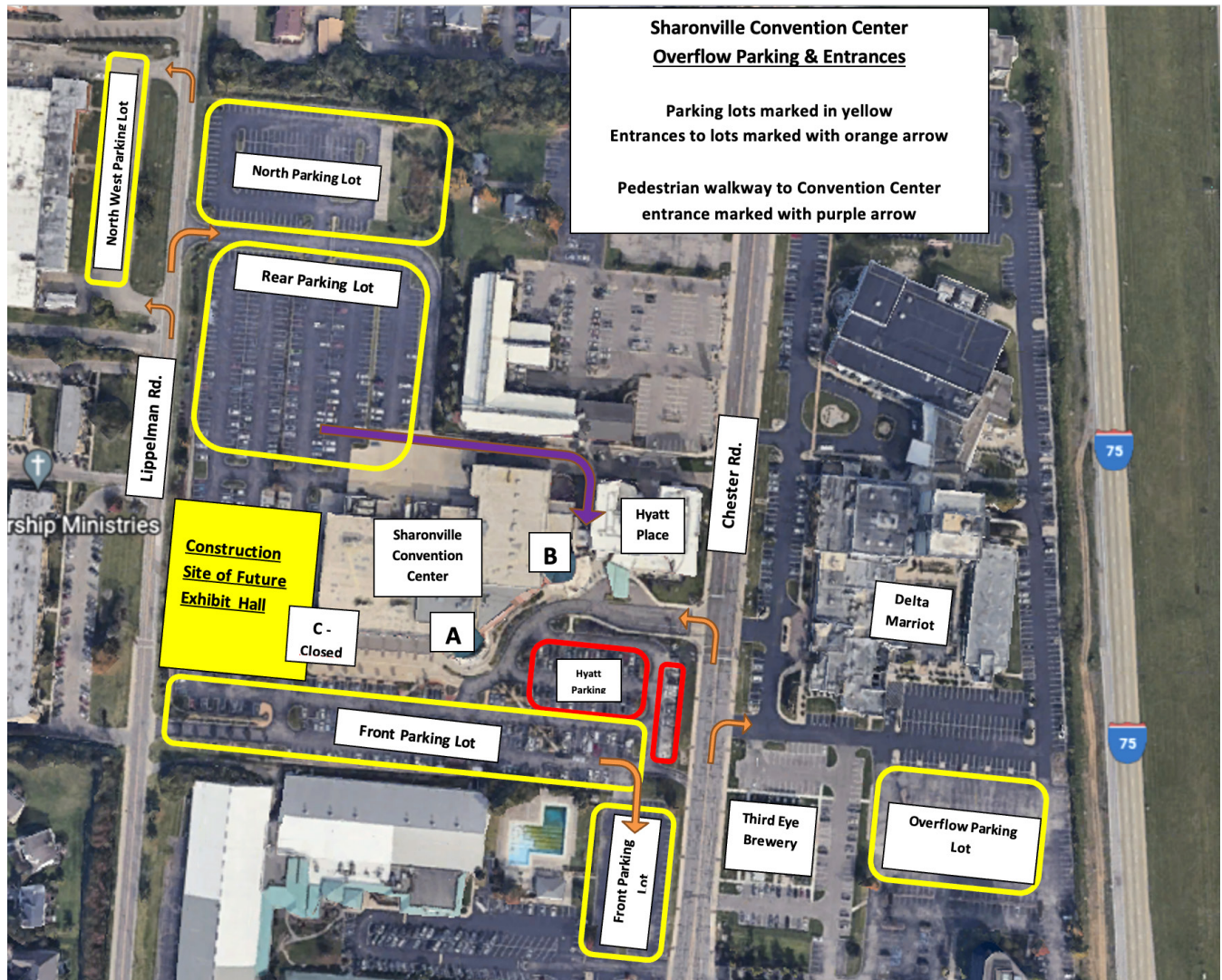
Los temas principales son: 1) La Etiqueta- Protección del Aplicador, Terceros y Medio Ambiente; 2) Modo de Acción y Características de los Grupos Comunes de Insecticidas Naturales y Sintéticos; 3) Mecanismos de Resistencia a Insecticidas en los Insectos; y 4) Prácticas para el Manejo de la Resistencia. Se presentarán fuentes de información en internet para cada tema. Los asistentes deberán completar tres (3) pruebas de aprovechamiento.

Créditos Profesionales: ODA Commercial (CORE), ODA Private (CORE), ISA (Certified Arborist, Municipal Specialist, BCMA Practice), IN (1, 2, 3a, 3b, 7a, 8, 11, RT)

Convention Center Map



Parking Map



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