AGENDA
December 2-5, 2019
Greater Columbus Convention Center
Columbus, Ohio

Schedule subject to change.

MONDAY, DECEMBER 2
8:00 am – 4:00 pm
Exhibitor move-in bulk spaces only (4+ booths)

10:00 am – 2:00 pm
Pre-Conference Workshops – $75/ea
BEST Program – Room C151
10:00 am – 11:00 am (ODA Cat. 8, 1.0 hr)
David Gardner – Economics of crabgrass and
nuttedge control products. Most bang for
your buck.
11:00 am – 12:00 pm (ODA Cat. 8, 1.0 hr)
Joe Rimelspach and Todd Hicks – Fungicides
for home lawns: economics, rotation, options
12:00 pm – 12:30 pm (Lunch)
12:30 pm – 1:30 pm
Ryan DeMay – Put your soil to the test: why
soil can make or break a lawn care program
1:30 pm – 2:30 pm
Chad Kellogg, Tom Grunkemeyer
and Andrew Muntz – Managing customer
expectations and keeping the peace

Professional & Career Development –
For Advancing in the Turf Industry –
Room D183
10:00 am – 10:30 am
Keith Kressina – Vendor Relationships
10:30 am – 11:00 am
Ryan DeMay – ROI Calculations
11:00 am – 11:45 am
Darrin Batisky – Job Interview Prep
11:45 am – 12:30 pm (Lunch)
12:30 pm – 1:00 pm
Jake Tyler – Balancing Career and Family –
How Your Team Can Help
1:00 pm – 1:30 pm
Larry Napora – Management companies
are not for everyone and no two are the
same. Come learn, discuss and ask questions
on what it is like to work for Management Co.
1:30 pm – 2:00 pm
Volunteering for Professional Development

3:30 pm
OTF Annual Meeting Room D183
6:00 pm – 8:30 pm
Awards and Scholarship Dinner at the
Hilton Downtown

TUESDAY, DECEMBER 3
8:00 am – 2:00 pm
Educational Sessions for all tracks
8:00 am – 1:00 pm
Exhibitor move-in
2:15 pm – 4:00 pm
Don Yaeger, Keynote Speaker
Sponsored by Syngenta
4:00 pm – 7:00 pm
Tradeshow Opens with Reception
in Hall C
4:00 pm – 7:00 pm
OTR T Auction Open

WEDNESDAY, DECEMBER 4
8:00 am – 10:00 am
Educational Sessions for all tracks
2:00 pm – 5:00 pm
Educational Sessions for all tracks
9:00 am – 2:00 pm
Tradeshow Open
11:00 am – 1:00 pm
Lunch on the Tradeshow Floor
(limited to the first 400 people)
2:00 pm – 7:00 pm
Exhibitor move-out
5:15 pm – 7:00 pm
OSTMA Annual Meeting at Barley’s
Brewing Company
5:30 pm – 7:30 pm
OLCA Annual Meeting at Callahan’s
Columbus

THURSDAY, DECEMBER 5
7:00 am – 9:00 am
Morning with the USGA
8:00 am – 3:00 pm
Educational Sessions for all tracks
10:00 am – 3:00 pm
ODA License Testing (Room C150)
Sports Field Management Track
Room D180-181 (unless otherwise noted)

Schedule and ODA credit submit to change. Pick up your ODA forms at the ODA booth prior to entering the room for the sessions. CSFM reporting forms are available at the Out of State/Association desk in the lobby.

TUESDAY, DECEMBER 3, 2019
8:00 am - 9:00 am
Natural Organic Programs for Sports Fields
(ODA CAT. 8, 1.0 hour)
Travis Stephen, Park District of Oak Park

9:00 am - 9:45 am
Baseball Field Management at PNC Park
Matt Brown, Pittsburgh Pirates

9:45 am - 10:30 am
Painting Logos and Lines
Mike Hebrard, Athletic Field Design

10:30 am - 11:00 am
Artificial Light Systems
Matt Williams, SGL System

11:00 am - 11:30 am
Sports Fields on a Budget
Cory Hull, Fremont City Schools

11:30 am - 12:00 pm
Breedings for Resistance to Gray Leaf Spot in
Perennial Ryegrasses and Tall Fescues
Bill Meyer, Rutgers University

12:00 pm - 1:00 pm – Room C170-172
Pesticide Laws & Labels
Jen Andon, The Ohio State University

1:00 pm - 1:30 pm
Pollinator Plants for High Cut Turf
(ODA CORE, 0.5 hours)
Shawn Askew, Virginia Tech

1:30 pm - 2:00 pm
New Turfgrass Varieties of Kentucky Bluegrass,
Perennial Ryegrass and Tall Fescues for Lawns
and Sports
Bill Meyer, Rutgers University

2:15 pm - 4:00 pm – Room C170-172
Don Yaeger, Keynote Speaker
Sponsored by Syngenta

4:00 pm - 7:00 pm – Hall C
Tradeshow Reception

WEDNESDAY, DECEMBER 4, 2019
8:00 am - 9:00 am
Destructive Summer Diseases – GLS, Summer
Patch, Pythium and Dollar Spots
(ODA CAT. 8, 1.0 hour)
Bruce Clarke, Center for Turfgrass Science,
Rutgers University Ext. Specialist in Turf Pathology

9:00 am – 9:30 am
Bermudagrasses for Cooler Climates – Are We
There Yet and How to Best Use Them?
Charles Fontanier, Oklahoma State University

9:30 am - 10:00 am
IPM of Sportsfield Insect Problems
(ODA CAT. 8, 0.5 hours)
Albrecht Koppenhofer, Rutgers University

10:00 am - 2:00 pm – Hall C
Tradeshow Only (Complimentary lunch
on the show floor – 400 lunches available,
first come, first served)

2:00 pm - 2:30 pm
Development of the New Training Academy
at FC Cincinnati
Robbie Dworkin, FCC Cincinnati

2:30 pm - 3:00 pm
Painting & Logos: The Sin in Synthetic Turf
Mike Hebrard, Athletic Field Design

3:00 pm - 3:30 pm
Fertility Programming for High Cut Turf-Valuable
Precision is Required!
Mike Fidanza, Pennsylvania State University –
Berks Campus

3:30 pm - 4:15 pm
Calibration
(ODA CORE, 0.75 hours)
Zane Raudenbush, The Ohio State University

THURSDAY, DECEMBER 5, 2019
8:00 am - 9:00 am
Dealing with Excess Water and Finding
Drainage Solutions
Ryan Gregoire, Medina Turf Farms & Matt
Duncan, Central Farm and Garden; Moderated
by Pam Sherratt, The Ohio State University

9:00 am - 10:00 am
Glyphosate Update/Basic Safety
(ODA CORE, 1.0 hour)
Mary Rose, The Ohio State University

10:00 am - 10:45 am
Wetting Agents for Improving Water Use
Efficiency
Stan Kostka, Pennsylvania State University –
Berks Campus

10:45 am - 11:30 am
Managing Dirt Surfaces: Part Science, Part Art
Steve Lord, Cincinnati Reds

11:30 am - 12:00 pm
Using Compost and Natural Organic Fertilizers
on Sports Field
Pam Sherratt, The Ohio State University

12:00 pm -12:30 pm
Weed Management Strategies for Athletic Fields
(ODA CAT. 8, 0.5 hours)
Dove Gardner, The Ohio State University

1:30 pm - 2:00 pm
The Biology and Management of Common
Nuisance Critters
(ODA CAT. 10A, 0.5 hours)
Dave Shetlar, The Ohio State University
Professional Lawn Care Track
Room D182-183 (unless otherwise noted)

Schedule and ODA credit submit to change. Pick up your ODA forms at the ODA booth prior to entering the room for the sessions.

TUESDAY, DECEMBER 3, 2019
8:00 am - 9:00 am
New Herbicides for Lawn Care
(ODA CAT. 8, 1.0 hour)
David Gardner, The Ohio State University

9:00 am - 9:45 am
Biological and Biorational Insect Control Options for the Environmentally Sensitive Homeowner
(ODA CAT. 8, 0.75 hours)
Albrecht Koppenhof, Rutgers University

9:45 am - 10:30 am
Natural and Organic Control of Turfgrass Diseases Combined with IPM for LCO’s
(ODA CAT. 8, 0.75 hours)
Bruce Clarke, Rutgers University

10:30 am - 11:00 am
Tips and Tricks for Residential Irrigation Systems – Which Technology is Right for You
Charles Fontanier, Oklahoma State University

11:15 am - 12:00 pm
Managing Water Quality and Fertility Practices in Home Lawns-What Can be Learned From Chesapeake Bay Experiences
Peter Landschoot, Pennsylvania State University

12:00 pm - 1:00 pm – Room C170-172
Pesticide Laws & Labels
Jen Andon, The Ohio State University

1:00 pm - 1:30 pm – Room D180-181
Pollinator Plants for High Cut Turf
(ODA CORE, 0.5 hours)
Shawn Askew, Virginia Tech

1:30 pm - 2:00 pm – Room D180-181
New Turfgrass Varieties of Kentucky Bluegrass, Perennial Ryegrass and Tall Fescues for Lawns and Sports
Bill Meyer, Rutgers University

2:15 pm - 4:00 pm – Room C170-172
Don Yaeger, Keynote Speaker
Sponsored by Syngenta

4:00 pm - 7:00 pm – Hall C
Tradeshow Reception

WEDNESDAY, DECEMBER 4, 2019
8:00 am - 8:30 am
Organic Lawn Care Update
(ODA CAT. 8, 0.5 hours)
Dave Gardner, The Ohio State University

8:30 am - 9:15 am
Weed Control During Wet Years
(ODA CAT. 8, 0.75 hours)
Peter Landschoot, Pennsylvania State University

9:15 am - 10:00 am
Fungicide Rotations for Lawn Care
(ODA CAT. 8, 0.75 hours)
Joe Rimelspach, The Ohio State University

10:00 am - 2:00 pm – Hall C
Tradeshow Only (Complimentary lunch on the show floor – 400 lunches available, first come, first served)

2:00 pm - 3:00 pm
Insecticide Update for Lawn Care
(ODA CAT. 8, 1.0 hour)
David Shetlar, The Ohio State University

3:00 pm - 3:30 pm – Room D180-181
Fertility Programming for High Cut Turf – Valuable Precision is Required!
Mike Fidanza, Pennsylvania State University – Berks Campus

3:30 pm - 4:15 pm – Room D180-181
Calibration
(ODA CORE, 0.75 hours)
Zane Raudenbush, The Ohio State University

THURSDAY, DECEMBER 5, 2019
8:00 am - 9:00 am
BMP’s for Using Imidacloprid in Lawn Care
(ODA CAT. 8, 0.5 hours)
David Shetlar, The Ohio State University

8:30 am - 9:00 am
Weed Control in Landscape Beds
(ODA CAT. 8, 0.5 hours)
Dave Gardner, The Ohio State University

9:00 am - 10:00 am – Room D180-181
Glyphosate Update/Basic Safety
(ODA CORE, 1.0 hour)
Mary Rose, The Ohio State University

10:00 am - 12:00 pm
Grassy Weed ID Workshop Identification and Control
(ODA CAT. 8, 1.75 hours)
Ed Nangle, Dave Gardner and John Street, The Ohio State University
General Pesticide Track
Room C150 (unless otherwise noted)

Schedule and ODA credit submit to change. Pick up your ODA forms at the ODA booth prior to entering the room for the sessions.

TUESDAY, DECEMBER 3, 2019
8:00 am – 9:00 am
Diseases of Ornamental Plants: Identification and Management
(ODA CAT. 6C, 1.0 hour)
Francesca Peduto Hand, The Ohio State University

9:00 am – 10:00 am
Ornamental Bed Control Options
(ODA CAT. 6C, 1.0 hour)
Dave Gardner, The Ohio State University

10:00 am - 11:00 am
Mosquito Control in and Around Landscapes
(ODA CAT. 10D, 1.0 hour)
Dave Shetlar, The Ohio State University

11:00 am – 12:00 pm
Controlling Noxious and Invasive Weeds
(ODA CAT. 5, 1.0 hour)
Scott Lucas, ODOT Office of Maintenance Operations

12:00 pm – 1:00 pm – Room C170-172
Pesticide Laws & Labels
Jennifer Andon, The Ohio State University

1:00 pm – 2:00 pm
Planting Forage for Bees: What Do Bees Really Eat?
(ODA CORE, 1.0 hour)
Reed Johnson, The Ohio State University

2:15 pm - 4:00 pm – Room C170-172
Don Yaeger, Keynote Speaker
Sponsored by Syngenta

4:00 pm - 7:00 pm – Hall C
Tradeshows Reception

WEDNESDAY, DECEMBER 4, 2019
8:00 am – 9:00 am
Aquatic Pesticide Updates
(ODA CAT. 3A, 1.0 hour)
Eugene Braig, The Ohio State University

9:00 am – 10:00 am
Rules, Regulations and Complaints – The ODA Take
(ODA CORE, 1.0 hour)
Matthew Cochran, The Ohio Department of Agriculture

10:00 am - 2:00 pm – Hall C
Tradeshows Only (Complimentary lunch on the show floor – 400 lunches available, first come, first served)

2:00 pm – 3:00 pm
Turfgrass Disease ID 101 – How to Spot Problems and Manage Turfgrass Health
(ODA CAT. 8, 1.0 hour)
Joe Rimelspach, The Ohio State University

3:00 pm – 4:00 pm
Bed Bugs: Today's Challenges
(ODA CAT. 10A, 1.0 hour)
Jennifer Andon, The Ohio State University

4:00 pm – 5:00 pm
Dealing with Wildlife: Raccoons, Skunks, Moles, Voles and Geese
(ODA CAT. 7, 1.0 hour)
Marne Titchnell, The Ohio State University
Equipment Maintenance Track
Room C151 (unless otherwise noted)

Schedule subject to change.

TUESDAY, DECEMBER 3, 2019

8:30 am – 12:30 pm
Shop tour and reel grinding sessions with Chris Langley, Bernhard and Company, LTD at the Scioto Country Club. 
Bus departs from the north side of the Convention Center at 8:30 am and returns at 12:30 pm. Email lori@bennett-management-llc.com to reserve your seat on the bus. First come, first served.

12:00 pm - 1:00 pm
Small Engines, Components and Problem Solving 101
Bill Claytor, Muirfield Village Golf Course

1:00 pm – 2:00 pm
Tips & Tricks for Hosting a Major Event – How To Do It In The Shop
Brian Bressler, Medinah Country Club

2:15 pm - 4:00 pm – Room C170-172
Don Yaeger, Keynote Speaker
Sponsored by Syngenta

4:00 pm - 7:00 pm – Hall C
Tradeshow Reception

WEDNESDAY, DECEMBER 4, 2019

8:00 am - 9:00 am
Welding Tricks and Tips Lincoln Electric
Owen Meston and Jason Keys, Lincoln Electric

9:00 am - 10:00 am
Shop Renovations - Things to Consider When You Blow It Up
Brian Bressler, Medinah Country Club

10:00 am - 2:00 pm – Hall C
Tradeshow Only (Complimentary lunch on the show floor – 400 lunches available, first come, first served)

2:00 pm – 3:00 pm
Diesel vs. Gas Engines – Differences, Fixes and Maintenance Tips
Robert Frutchey, The Ohio State University

3:00 pm – 4:00 pm
Hydraulics 101
Gary Bogdanski, The Sharon Golf Club & Chris Brocious

4:00 pm – 5:00 pm
Electrical Components in Mobile Equipment
Paul Lee, The Ohio State University
Plants and Practices Track
Room C161-162 (unless otherwise noted)

Schedule and ODA credit submit to change. Pick up your ODA forms at the ODA booth prior to entering the room for the sessions.

TUESDAY, DECEMBER 3, 2019
8:00 am - 9:00 am
Ten Trees Everyone Should Know
(ODA CAT. 6A, 1.0 hour)
Jim Chatfield and Erik Draper, OSU Extension

9:00 am - 10:00 am
Herbaceous Maintenance – Helpful Hints to Keep Plants Looking Their Best Throughout the Year
(ODA CAT. 6A, 1.0 hour)
Pam Bennett, OSU Extension

10:00 am - 11:00 am
Why Trees Matter – Alexander Von Humbolt, Norman Barlaug and Carl Linnaeus
Jim Chatfield and Jason Veil, OSU Extension

11:00 am - 12:00 pm
Secrest Arboretum Past & Present – Plants to Know and Grow in Ohio
Jason Veil, OSU, Secrest Arboretum

12:00 pm - 1:00 pm
Trees for Bees
(ODA CAT. 6A, 1.0 hour)
Denise Ellsworth, OSU, Department of Entomology

1:00 pm - 2:00 pm
Winter Interest in the Landscape
Jacqueline Kowalski, OSU Extension

2:15 pm - 4:00 pm – Room C170-172
Don Yaeger, Keynote Speaker
Sponsored by Syngenta

4:00 pm - 7:00 pm – Hall C
Tradeshow Reception

WEDNESDAY, DECEMBER 4, 2019
8:00 am - 9:00 am
The Value and Importance Plant Diversity in Landscapes, Streetscape, Parks, Golf Courses – What Should Be the Goal?
(ODA CAT. 6A, 1.0 hour)
Amy Stone, OSU Extension

9:00 am - 10:00 am
How to Implement a Scouting Program and How to Scout as Part of the Program
(ODA CORE, 1.0 hour)
Thomas deHaas, OSU Extension

10:00 am - 2:00 pm – Hall C
Tradeshow Only (Complimentary lunch on the show floor – 400 lunches available, first come, first served)

2:00 pm - 3:00 pm
Landscaping for Birders – Your Clients that Enjoy Seeing Birds at Home
Marne Titchenell, OSU Extension

3:00 pm - 4:00 pm
Must Have Annuals – Which Ones To Know and Grow
Pam Bennett, OSU Extension

4:00 pm - 4:00 pm
Perennial Power –Which Ones To Know and Grow
Pam Bennett, OSU Extension

THURSDAY, DECEMBER 5, 2019
8:00 am - 9:00 am
From the First Cut to the Last Cut – Important Pruning Practices That Will Make You a Cut Above
Erik Draper, OSU Extension

9:00 am - 10:00 am
The Power of Knowledge – What Plant Families Can Tell You
(ODA CAT. 6A, 1.0 hour)
Paul Snyder and Jim Chatfield, OSU Extension

10:00 am - 11:00 am
Butterfly Gardens Attract More than Just Butterflies
(ODA CORE, 1.0 hour)
Joe Boggs, OSU Extension and Department of Entomology

11:00 am - 12:00 pm
Ornamental Grasses for Outstanding Landscapes
Beth Scheckelhoff, OSU Extension

12:00 pm - 1:00 pm
The Root of the Matter – Putting the Right Things to the Roots
Jim Chatfield and Joe Boggs, OSU Extension

1:00 pm - 2:00 pm
Instant Color with Container Combinations
Beth Scheckelhoff, OSU Extension

2:00 pm - 3:00 pm
From Ailanthus to Zelkova: A Trip Through the Alphabet of the ’+’s and ’-’s of Trees
(ODA CAT. 6A, 1.0 hour)
Jim Chatfield, Erik Draper and Kathy Smith, OSU Extension
TUESDAY, DECEMBER 3, 2019
8:00 am - 9:00 am
‘TICK’ Tock – Time to Stay Updated on Ticks in Ohio and What Practices to Follow
(ODA CAT. 10D, 1.0 hour)
Tim McDermott, OSU Extension

9:00 am - 10:00 am
Plant Disease Update – A Year in Review from the OSU’s Plant and Pest Diagnostic Clinic in 2019
(ODA CAT. 6A, 1.0 hour)
Joy Pierzynski, OSU Extension

10:00 am - 11:00 am
Nutrient Management in the Landscape
Jacqueline Kowalski, OSU Extension

11:00 am - 12:00 pm
The Diagnostic Process: Twenty Three Questions To Help ID Pests You May Encounter
(ODA CAT. 6A, 1.0 hour)
Erik Draper, OSU Extension

12:00 pm - 1:00 pm
Pesticides and Bees – How To Protect Pollinators
(ODA CORE, 1.0 hour)
Denise Ellsworth, OSU, Department of Entomology

1:00 pm - 2:00 pm
Not Everything is Coming Up Roses – Update on Rose Rosette Disease (RRD) in Ohio
(ODA CAT. 6A, 1.0 hour)
Jason Veil, OSU, Secrest Arboretum

2:15 pm - 4:00 pm – Room C170-172
Don Yaeger, Keynote Speaker
Sponsored by Syngenta

4:00 pm - 7:00 pm – Hall C
Tradeshow Reception

WEDNESDAY, DECEMBER 4, 2019
8:00 am - 9:00 am
Who Am I? Snap Shots in the Landscape of Insects and Spiders
(ODA CAT. 6A, 1.0 hour)
Curtis Young, OSU Extension

9:00 am - 10:00 am
Plant Diagnostics – Hints to Help Solve Plant Pests in the Field
(ODA CAT. 6A, 1.0 hour)
Jim Chatfield and Carri Jagger, OSU Extension

10:00 am - 2:00 pm – Hall C
Tradeshow Only (Complimentary lunch on the show floor – 400 lunches available, first come, first served)

2:00 pm - 3:00 pm
Beech Leaf Disease (BLD) – What is the Latest Information We Know and What Can You Do To Help
(ODA CAT. 4A, 1.0 hour)
Carrie Ewing, OSU

3:00 pm - 4:00 pm
Fungi in the Landscape: Gardens and Lawns
(ODA CAT. 6A, 1.0 hour)
Curtis Young, OSU Extension

4:00 pm - 5:00 pm
Weighing in on Scales
(ODA CAT. 6A, 1.0 hour)
Joe Boggs, OSU Extension and Department of Entomology

THURSDAY, DECEMBER 5, 2019
8:00 am - 9:00 am
Be Alert to BYGL: A Review of the Season Through BYGL Alerts
(ODA CAT. 6A, 1.0 hour)
Joe Boggs, OSU Extension and Department of Entomology

9:00 am - 10:00 am
Which Fungi Matter to Landscape Trees?
(ODA CAT. 6A, 1.0 hour)
Curtis Young, OSU Extension

10:00 am - 11:00 am
Controlling Invasive Plants – What Are Your Management Options
(ODA CAT. 4A, 1.0 hour)
Kathy Smith, OSU School of Environment and Natural Resources

11:00 am - 12:00 pm
Diagnosis and Management of Diseases of Annuals and Perennials in Landscape Beds
(ODA CAT. 6A, 1.0 hour)
Peduto Hand, OSU, Department of Plant Pathology

12:00 pm - 1:00 pm
The ABCs of Invasive Insects (ALB, EAB, VLB, GM, SLF, HWA) – ID, Monitoring and Management Options
(ODA CAT. 6A, 1.0 hour)
Amy Stone, OSU Extension

1:00 pm - 2:00 pm
Diagnosis and Management of Diseases of Trees and Shrubs
Francesca Peduto Hand, OSU, Department of Plant Pathology

2:00 pm - 3:00 pm
Weed ID and Management Options – Unwanted Weeds You May Encounter in the Landscape
Jeff Stachler, OSU Extension
# Golf Turf Management Track

Room C170-172 (unless otherwise noted)

Schedule and ODA credit subject to change. Pick up your ODA forms at the ODA booth prior to entering the room for the sessions. CSFM reporting forms are available at the Out of State/Association desk in the lobby.

## Tuesday, December 3, 2019 (0.8 GCSAA EPs)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 am - 8:45 am</td>
<td>What We've Learned from 18 Years of Anthracnose Research</td>
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<td>Bruce Clarke, Rutgers University Center for Turfgrass Science, Ext. Specialist in Turf Pathology</td>
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<td>8:45 am - 9:30 am</td>
<td>Irrigation Strategies That Will Save You the Most Water and Money!</td>
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<td>Charles Fontainier, Oklahoma State University</td>
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<td>9:30 am - 10:00 am</td>
<td>Bentgrass Improvements for Golf</td>
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<td>William Meyer, Rutgers University</td>
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<td>10:00 am - 10:45 am</td>
<td>Maintaining Naturalized Grass Stands on Golf Courses</td>
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<td>(ODA CAT. 8, 0.75 hours)</td>
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<td>Peter Landshoof, Pennsylvania State University</td>
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<td>10:45 am - 11:30 am</td>
<td>Sustainable Management of ABW: A Pest That Will Come Back With a Vengeance if Pushed Too Hard</td>
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<td>(ODA CAT. 8, 0.75 hours)</td>
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<td>Albrect Koppenhofer, Rutgers University</td>
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<tr>
<td>11:30 am - 12:00 pm</td>
<td>Maximizing Annual Bluegrass Seedhead Suppression on Greens and Fairways</td>
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<td>(ODA CAT. 8, 0.5 hours)</td>
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<td>Shawn Askew, Virginia Tech</td>
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<td>12:00 pm - 1:00 pm</td>
<td>Pesticide Laws &amp; Labels</td>
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<td>Jennifer Andon, The Ohio State University</td>
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<td>1:00 pm - 1:30 pm</td>
<td>Get Bent! The Ins and Outs of Fairway Renovation</td>
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<td>(ODA CAT. 8, 0.5 hours)</td>
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<td>John Hoyle, Coming Country Club</td>
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<td>1:30 pm - 2:00 pm</td>
<td>Facelift on Classic Poa Greens – Reconstruction of greens (USGA) and grassing with Poa instead of bentgrass. Is it a fade or the real deal?</td>
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<td>Randall Pinckney and Corey Cheza, Sewickley Heights Golf Club</td>
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<td>2:15 pm - 4:00 pm</td>
<td>Women in Golf Maintenance – Where Have We Come From and Where Are We Going?</td>
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<td>(ODA CAT. 8, 0.5 hours)</td>
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<td>Shelia Finney, GCSAA and Renee Geyer, Firestone</td>
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<td>(ODA CAT. 8, 0.5 hours)</td>
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<td>Joe Rimelspach &amp; Todd Hicks, The Ohio State University</td>
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## Wednesday, December 4, 2019 (0.4 GCSAA EPs)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 am - 8:30 am</td>
<td>BermudaGrass Varieties for the North</td>
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<td>Charles Fontainier, Oklahoma State University</td>
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<td>8:30 am - 9:00 am</td>
<td>Tournament Preparations Tips and Tricks</td>
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<td>Shelia Finney, GCSAA, Bob Becker, Scioto Country Club &amp; Renee Geyer, Firestone</td>
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<td>9:00 am - 9:30 am</td>
<td>New Methods for Season-Long Control of Crabgrass and Goose Grass on Putting Greens</td>
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<td>(ODA CAT. 8, 0.5 hours)</td>
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<td>Shawn Askew, Virginia Tech</td>
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<tr>
<td>9:30 am - 10:00 am</td>
<td>Clipping Collections-Been There, Wearing the T-Shirt and Here is the Sunburn</td>
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<td>Doug Norwell, Camargo Club, Scott LesChander Terrace Park CC &amp; Pat O'Brien Hyde Park CC</td>
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<tr>
<td>10:00 am - 10:30 pm</td>
<td>Fertility Programming for the Astute Golf Course Manager</td>
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<td>Michael Fidanza, Pennsylvania State University – Berks Campus</td>
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<tr>
<td>10:30 am - 11:15 am</td>
<td>Management of Emerging Insect Pests in Golf</td>
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<tr>
<td></td>
<td>(ODA CAT. 8, 0.5 hours)</td>
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<td></td>
<td>Dave Shetlar, The Ohio State University</td>
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<tr>
<td>11:15 am - 11:45 am</td>
<td>Moss Control Updates – What Have We Learned</td>
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<td>(ODA CAT. 8, 0.5 hours)</td>
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<tr>
<td></td>
<td>Zane Raudenbush, The Ohio State University</td>
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<tr>
<td>11:45 am - 12:30 pm</td>
<td>Pathology Update</td>
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<td>(ODA CAT. 8, 0.5 hours)</td>
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<td>Joe Rimelspach &amp; Todd Hicks, The Ohio State University</td>
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## Thursday, December 5, 2019 (0.4 GCSAA EPs)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 am - 9:00 am</td>
<td>Breakfast with the USGA – The Year in Review and What We See Going Into Next Year</td>
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<td>John Daniels &amp; Zachary Nicoudlis, USGA</td>
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<tr>
<td>9:00 am - 10:00 am</td>
<td>Ohio Best Management Practices – Creating Your Facility BMPs</td>
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<td>Shelia Finney, GCSAA</td>
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<td>10:00 am - 10:30 pm</td>
<td>First Green from the Educators Side – What Have We Learned</td>
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<td>Jason Mah, Moraine Country Club, Michael Fidanza, Pennsylvania State University, Paul Derry, Catawba Island Club &amp; Stan Kostka, Pennsylvania State University – Berks Campus</td>
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<td>10:30 am - 11:15 am</td>
<td>Wash Pad and Chemical Building Designs – The Quirks and Quandary's</td>
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<td>Gary Bogdanski, The Sharon Golf Club and Brad Klausing, Moraine</td>
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<tr>
<td>11:15 am - 11:45 am</td>
<td>Management of Emerging Insect Pests in Golf</td>
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<td>Dave Shetlar, The Ohio State University</td>
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<tr>
<td>11:45 am - 12:30 pm</td>
<td>Irrigation Installation - Learning from Doing</td>
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<td>Rodney Robbins, The Country Club at Muirfield Village and Todd Voss, Double Eagle Club</td>
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<tr>
<td>12:30 pm - 1:00 pm</td>
<td>Iron Cementing Layers – What is That? How Does it Manifest and How Do I Know I Have It?</td>
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<td>Glen Obeart, Tria Global Solutions</td>
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<td>1:00 pm - 1:30 pm</td>
<td>Moss Control Updates – What Have We Learned</td>
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<td>1:30 pm - 2:00 pm</td>
<td>Pathology Update</td>
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