



LANDSCAPE CONTRACTORS ASSOCIATION

1300 PICCARD DRIVE, SUITE LL 14
ROCKVILLE, MD 20850

Pesticide and Fertilizer Applicator Recertification Conference

Thursday, February 13, 2020

The Universities at Shady Grove
9630 Gudelsky Drive • Rockville, MD 20850



Pesticide and Fertilizer Applicator Recertification Conference

www.lcamddcva.org



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Everything you need to know from the experts.

The Universities at Shady Grove
9630 Gudelsky Drive • Rockville, MD 20850

Free parking and easy access from Baltimore, Northern Virginia, and Washington, D.C.

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Learn from industry experts how to:

- Improve efficiencies and safety
- Implement new technologies
- Use the latest control strategies
- Stay compliant with new regulations

Take advantage of the BEST opportunity to:

- Recertify in Delaware, D.C., Maryland, Pennsylvania, Virginia, and West Virginia
- Earn CEU credits toward:
 - » Landscape Industry Certified Technician (Earn CEUs for recertification)
 - » ISA-Certified Arborist
 - » Maryland Professional Fertilizer Applicator
 - » Maryland Licensed Tree Expert

2020 Pesticide Recertification Categories (Pending)

Maryland

- 3A Ornamental Exterior
- 3B Ornamental Interior
- 3C Turf
- 5 Aquatic
- 6 Right of Way Control
- 7A General Pest
- 10 Demonstration and Research

District of Columbia

- 3A Ornamental Exterior
- 3B Ornamental Interior
- 3C Turf
- 5 Aquatic
- 6 Right of Way
- 10 Demonstration and Research

Delaware

- 03 Ornamental & Turf
- 5A Aquatic
- 06 Right of Way

Virginia

- 3A Ornamental Pest Control
- 3B Turf Pest Control
- 5A Aquatic Pest Control
- 6 Right of Way
- 10 Demonstration and Research
- 60 Registered Technician

Pennsylvania

- 00 Core
- PC Private Category
- 06 Ornamental and Shade Tree
- 07 Lawn & Turf
- 09 Aquatic Pest Control
- 10 Right of Way and Weeds
- 18 Demonstration and Research

West Virginia

- 3 Forest Pest Control
- 4A Ornamental & Turf
- 6 Aquatic
- 7 Right of Way/Industrial Weed
- 11 Demonstration & Research

Maryland Licensed Tree Expert

Pending

Maryland Professional Fertilizer Applicator

2 CEUs

International Society of Arboriculture (ISA) Certified Arborist

Pending

Schedule-at-a-Glance

7:00 am–4:30 pm	Registration and Tabletop Exhibits
7:30 am–8:15 am	2019 Was Brutal for Oaks and Maples Stanton Gill— <i>University of Maryland Extension</i>
8:15 am–9:00 am	CSI: Maryland—Solving Landscape Mysteries Using IPM Diagnostic Techniques Heather Zindash— <i>The Soulful Gardener</i>
9:00 am–9:45 am	Review of 2019 Landscape Diseases and What Might Be Coming in 2020 David Clement, Ph.D.— <i>University of Maryland Extension</i>
9:45 am–10:00 am	Break
10:00 am–11:00 am	Impacts and Management of the New Invasive Pest, Spotted Lanternfly Heather L. Leach, M.S.— <i>Penn State University</i>
11:00 am–11:45 am	Right of Way Applications Chuck Schuster— <i>University of Maryland Extension</i>
11:45 am–12:30 pm	Lunch
12:30 pm–1:15 pm	Biology and Management of Sedges in Turf Jeffrey F. Derr, Ph.D.— <i>Virginia Tech</i>
1:15 pm–2:00 pm	Understanding Soil Needs and Adhering to Regulations When Raising Turf Chuck Schuster— <i>University of Maryland Extension</i>
2:00 pm–2:15 pm	Break
2:15 pm–3:00 pm	Update on Fertilizer Applicator Requirements Judy McGowan— <i>Maryland Department of Agriculture, Nutrient Management Program</i>
3:00 pm–3:45 pm	Aquatics—Sustainability and Prolonged Health David Riedl— <i>SOLitude Lake Management</i>
3:45 pm–4:30 pm	Pesticide Regulations Update for 2020 <i>Maryland Department of Agriculture</i> Alvin Harris— <i>District of Columbia Department of the Environment</i>

Photographs courtesy of Bugwood.org

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Schedule of Events

- 7:00 am–4:30 pm** Registration and Tabletop Exhibits
- 7:30 am–8:15 am** **2019 Was Brutal for Oaks and Maples**
Stanton Gill—University of Maryland Extension
 Learn what happened, how it will carry into 2020, and what you can tell your customers about pests that will hit these stressed trees in 2020.
Stanton Gill is an extension specialist in IPM and entomology with the University of Maryland Extension and is also a professor in landscape technology at Montgomery College. He is the author of four books and more than 800 refereed and professional magazine articles on pests and using IPM to deal with them.
- 8:15 am–9:00 am** **CSI: Maryland—Solving Landscape Mysteries Using IPM Diagnostic Techniques**
Heather Zindash—The Soulful Gardener
 Learn how to use the IPM diagnostic process to solve real-life plant pest and pathogen problems. Accurate diagnoses lead to effective management strategies that save time, money, exposure, and valued plant materials.
Heather Zindash is an experienced IPM consultant working with local nursery, commercial, and residential customers. She is a Certified Professional Horticulturalist, Maryland Master Gardener, and Maryland Master Naturalist as well as a graphic designer. Heather is known as “The Soulful Gardener,” whose mission is “to bring people, plants, and nature together for health and well-being.”
- 9:00 am–9:45 am** **Review of 2019 Landscape Diseases and What Might Be Coming in 2020**
David Clement, Ph.D.—University of Maryland Extension
 Review the diagnosis of common and new landscape plant diseases, such as beech leaf disease, and diseases of deciduous holly, as well as some of the old diseases, such as bacterial leaf scorch, thousand cankers, boxwood blight, oak wilt, downy mildews on impatiens and basil, and sudden oak death.
Dr. David Clement has served for the past 28 years as a statewide field-based extension specialist in plant pathology. He focuses on teaching how to diagnose and manage plant diseases through IPM strategies.
- 9:45 am–10:00 am** Break
- 10:00 am–11:00 am** **Impacts and Management of the New Invasive Pest, Spotted Lanternfly**
Heather L. Leach, M.S.—Penn State University
 Spotted lanternfly is a new invasive insect found in the Northeast. This pest can feed on the sap of over 70 different plant species, including important landscape and nursery trees (e.g., maple, willow, walnut, birch, sycamore) and agricultural crops (e.g., grapes, tree fruit). Identification, impacts, current research, and best management practices for this pest across the affected industries will be highlighted.
Heather Leach is the spotted lanternfly extension associate in the Department of Entomology at Penn State University. She is an entomologist by training, previously researching other invasive insects, including the brown marmorated stink bug and spotted wing Drosophila.
- 11:00 am–11:45 am** **Right of Way Applications**
Chuck Schuster—University of Maryland Extension
 Pesticide application in right of ways requires care with regard to products selected and methods used. This seminar will cover the latest information on application methods and chemicals. Discussion will include preventing overapplication of chemicals that will cause large areas of no soil cover, leading to potential erosion. A review of the region’s approved chemicals will be included.
Chuck Schuster is the former extension educator with the University of Maryland Extension. He retired last fall but is still participating with the horticulture team, providing programming across the region. He is focused on determining new ways to manage turf in light of the new regulations restricting some pesticides.
- 11:45 am–12:30 pm** Lunch
- 12:30 pm–1:15 pm** **Biology and Management of Sedges in Turf**
Jeffrey F. Derr, Ph.D.—Virginia Tech
 Learn how to manage annual and perennial sedges, including kyllinga and yellow nutsedge, in both cool and warm season turf.
Dr. Jeffrey Derr is a professor of weed science with Virginia Tech and is located at the Hampton Roads Agricultural Research and Extension Center in Virginia Beach, where he is also the station director. Dr. Derr received his B.S. in horticulture from Penn State University and his M.S. and Ph.D. in horticultural crop weed science from North Carolina State University. He conducts research on weed management in nursery production, landscape maintenance, and turfgrass, among other areas, and presents this information through his extension program.
- 1:15 pm–2:00 pm** **Understanding Soil Needs and Adhering to Regulations When Raising Turf**
Chuck Schuster—University of Maryland Extension
 Recent regulatory updates have provided new opportunities to use organic products on turf, both at establishment and for maintenance. This session will provide a review of how to make the most of the products available to keep the turf strong and looking good.
See bio above.
- 2:00 pm–2:15 pm** Break
- 2:15 pm–3:00 pm** **Update on Fertilizer Applicator Requirements**
Judy McGowan—Maryland Department of Agriculture, Nutrient Management Program
Judy McGowan is an urban nutrient management specialist with the Maryland Department of Agriculture, Nutrient Management Program.
- 3:00 pm–3:45 pm** **Aquatics—Sustainability and Prolonged Health**
David Riedl—SOLitude Lake Management
 A discussion of sustainable and cost-effective strategies to prolong the health and lifespan of lakes, stormwater and irrigation ponds, and other aquatic resources.
David Riedl is an environmental scientist and regional manager who is dedicated to revitalizing the natural environment. David has extensive experience managing aquatic ecosystems and is based out of Richmond, Virginia, where he serves as territory leader for Northern Virginia and Maryland. He is a SePRO Preferred Applicator, a certified applicator for “Right of Ways” in Virginia, and an AquaMaster trained service technician.
- 3:45 pm–4:30 pm** **Pesticide Regulations Update for 2020**
Maryland Department of Agriculture
Alvin Harris—District of Columbia Department of the Environment

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2020 LCA Member Yes No

Firm Name _____

Address _____ City _____ State _____ ZIP _____

Contact Name _____ Contact Phone _____ Contact Email _____

Attendees

Name _____ Name _____

Email _____ Email _____

Applicator Permit Number _____ State _____ Applicator Permit Number _____ State _____

Vegetarian Other _____ Vegetarian Other _____
 Require special accommodations (attach written description) _____ Require special accommodations (attach written description) _____

Name _____ Name _____

Email _____ Email _____

Applicator Permit Number _____ State _____ Applicator Permit Number _____ State _____

Vegetarian Other _____ Vegetarian Other _____
 Require special accommodations (attach written description) _____ Require special accommodations (attach written description) _____

SAVE! Register & Pay By January 24

Registration Fee Per Attendee

By Friday, January 24 After Friday, January 24
 Members\$105 Members\$155
 Nonmembers.....\$150 Nonmembers.....\$200

Cost includes parking.

Register for This Event

Online: www.lcamddcva.org/programs/recertification.cfm
 Mail: 1300 Piccard Drive, Suite LL 14
 Rockville, MD 20850
 Phone: (301) 948-0810 Fax: (301) 990-9771

PREPAYMENT IS REQUIRED FOR ADVANCE REGISTRATION

Refunds/Cancellations

Written cancellations received prior to January 24, 2020, are subject to a 15% cancellation charge. Substitutions will be accepted. No refunds will be given after January 24, 2020. No refunds will be given due to inclement weather.

Payment Options

Amount Enclosed _____ \$ _____
 Check enclosed (made payable to LCA)
 MasterCard VISA

Card # _____

Exp. Date (mm/yy) _____ Security Code _____

Name on Card _____

Signature _____

Register online at lcamddcva.org