

Monday, March 25, 2024

General Sessions

8:30 AM Welcome and awards

9:00 AM Remediating Trashed Soils - The Keys to Green (Keynote)

Nina Bassuk, Ph.D., Professor Emeritus, Cornell University

Even the best trees have no chance of achieving their desired growth when the soil is compacted, whether purposely under pavement or as a byproduct of development and construction. The development and use of CU-Structural Soil and the Scoop and Dump technique will be discussed with projects that are 20+ years old. How do you do it right? What are the advantages and limitations? What have we learned?

ISA CEUS: 1 CA; 0 UT; 1 CS; 1 MA; 1 AL; BCMA - 0.5 S, 0.25 P, 0.25 M

10:00 AM Examining the Value of Landscape Diversity

Chris Riley, Ph.D., Research Scientist and Technical Support Specialist, Bartlett Tree Experts

We often hear that landscape diversity is a good thing, but why is that? This presentation will review the literature on the benefits of landscape diversification and highlight new research using real-world IPM data that explores the connection between plant diversity and pest management interventions. Recommendations will be offered for strategies to increase the ecological resilience of your very own landscape.

ISA CEUS: 1 CA; 0 UT; 1 CS; 1 MA; 1 AL; BCMA - 0.5 S, 0 P, 0.5 M

11:00 AM Evaluating Your Site and Choosing the Best Trees

Nina Bassuk, Ph.D., Professor Emeritus, Cornell University

Site assessment is the key first step in the decision-making process in developing a new landscape. This is also a key factor in increasing biodiversity. Without the knowledge of above and below ground considerations at the macro and micro scale, a "least common denominator tree" may be chosen that will work in most sites -think Honey Locust. Don't waste a good site with a Honey Locust! A site assessment process will be explained and an array of lesser known, stress tolerant trees will be introduced.

ISA CEUS: 1 CA; 0 UT; 1 CS; 1 MA; 1 AL; BCMA - 0.5 S, 0.25 P, 0.25 M

Lunch 12:00 PM Lunch with exhibitors

Afternoon Breakout Sessions

Tree Worker

1:00 PM Working the Ends

Levi Woodal

Aaron Feather

An in-depth look at limb walking, positioning techniques, and re-directs, to help you work the tips of long limbs.

ISA CEUS: 1.5 CA; 0 UT; 1.5 CS; 1.5 MA; 1.5 AL; BCMA - 0 S, 1.5 P, 0 M

2:30 PM Minimizing Collateral Damage

Levi Woodal

Aaron Feather

Tips and techniques for minimizing collateral damage during removals and heavy pruning operations.

ISA CEUS: 1.5 CA; 0 UT; 1.5 CS; 1.5 MA; 1.5 AL; BCMA - 0 S, 1.5 P, 0 M



**Risk Averse
Insurance**



Plant Health Care

1:00 PM Emerging Plant Pests and Disease in the Mid-Atlantic

Chris Riley, Ph.D., Research Scientist and Technical Support Specialist, Bartlett Tree Experts

This session will focus on the biology and management of some of the emerging threats to woody plant health in Pennsylvania and Delaware. The current state of the science of Beech Leaf Disease in particular – a novel threat to the health and longevity of beech trees across the Mid-Atlantic and Northeast – will be reviewed. Research-based management recommendations will be discussed for each emerging threat.

ISA CEUS: 1 CA; 0 UT; 1 CS; 1 MA; 1 AL; BCMA - 0.5 S, 0 P, 0.5 M

PA Pest Credits: 2 credits (Cat. PC, 05, 06, 18, 23)

2:00 PM Diagnostics for Dummies: A Systematic Approach to Diagnosing Issues in Landscape Plantings

Mark Ware, Rainbow Ecoscience

The process of diagnosing pest and diseases of trees can be very bewildering at times, with many outcomes possible. Which is the right one? Diagnostics is much less intimidating if you follow a systematic process, starting from the soil and the base of the tree and work your way upwards. The branching pattern of the tree itself can provide a model you can use to map out all the information about the diseases of trees local to any area of the world you live and work in. Let's get "back to basics" and reinforce the important practice of diagnosis and why it is so critical when attempting management of tree and shrub health.

ISA CEUS: 1 CA; 0 UT; 1 CS; 1 MA; 1 AL; BCMA - 0.5 S, 0 P, 0.5 M

PA Pest Credits: 2 credits (Cat. PC, 05, 06, 18, 23)

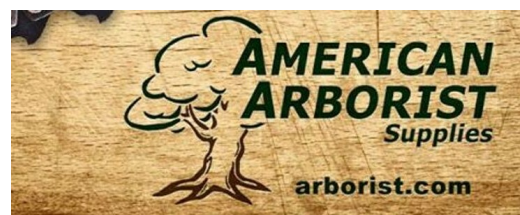
3:00 PM Lepidopteran Pests of Trees

Tim Abbey, Extension Educator, Penn State Extension

Presentation will discuss the identification of Lepidopteran pests (caterpillars) of trees, their biology, host selection and chemical and non-chemical management options.

ISA CEUS: 1 CA; 0 UT; 1 CS; 1 MA; 1 AL; BCMA - 0.5 S, 0 P, 0.5 M

PA Pest Credits: 2 credits (Cat. PC, 05, 06, 18, 23)



Utility/Municipal

1:00 PM Urban Tree Success Stories

Andy Hillman, Freelance consultant

As a City Forester, and in collaboration with Professor Nina Bassuk of the Cornell University Urban Horticulture Institute, Andy Hillman established and evaluated many species and cultivars of urban trees. He also participated in evaluating new selections with the J. Frank Schmidt & Son Co. Trial Pack Program. Some of these trees proved to be very well adapted to urban conditions and thrived as street or park trees. This session will feature some of these success stories.

ISA CEUS: 1 CA; 1 UT; 1 CS; 1 MA; 1 AL; BCMA - 0 S, 1 P, 0 M

2:00 PM Tree Ordinances for the 21st Century

Michael Dunn, Consulting Arborist, Brandywine Urban Forest Consulting

In this presentation we will review the history of Pennsylvania Tree ordinances starting with the Shade Tree Act of 1906 and ending with the creation of meaningful ordinances that assign economic, social, and ecological values and realize trees as vital infrastructure in our climate uncertain times. We will review the history of Urban Forestry in the Commonwealth as well as review case studies of successful ordinances that are at the forefront of modern urban forestry management. Topics will include the protection of trees on private property as well as the integration of these protections during land development and will furthermore review common pitfalls and legal constraints of pushing the envelope.

ISA CEUS: 1 CA; 1 UT; 1 CS; 1 MA; 1 AL; BCMA - 0 S, 1 P, 0 M

3:00 PM Utility Right of Way Application Methods

Clark Williams, Training Supervisor, Focus on Training USA LLC

This presentation will discuss how to properly perform various herbicide applications used in right of ways.

ISA CEUS: 1 CA; 1 UT; 1 CS; 1 MA; 1 AL; BCMA - 0 S, 1 P, 0 M

PA Pest Credits: 2 credits (Cat. 10, 18, 23)

Evening Activities

4:00 PM - Trade Show Opens

4:30 PM - 7:30 PM Beef & Beer Banquet

5:30 PM - Penn-Del ISA Chapter Business Meeting



ASPLUNDH
ANYTIME. ANYWHERE.

Tuesday, March 26, 2024

General Session

9:00 AM Biochar Lifecycle in the Green Industry

Chris Fields-Johnson, Ph.D., Tree Conservation Specialist, Davey Institute

Biochar is organic material which has been stabilized through pyrolysis and then applied to soil. Biochar provides benefits for soil physical, chemical, and biological properties and also serves to purify water while sequestering atmospheric carbon. A variety of biochar studies and application methods will be discussed to demonstrate how it benefits the green industry and beyond throughout its lifecycle.

ISA CEUS: 1 CA; 0 UT; 1 CS; 1 MA; 1 AL; BCMA - 0.5 S, 0.5 P, 0 M

Morning Breakout Sessions

Tree Worker

10:00 AM Crane Assisted Rigging Techniques

Derrick Martin

Jake Riggs

Pete Nieves-Sosa

Optimizing rigging in order to improve safety, efficiency, and predictability during crane assisted removals.

ISA CEUS: 1 CA; 0 UT; 1 CS; 1 MA; 1 AL; BCMA - 0.5 S, 0.5 P, 0 M

11:00 AM Rigging and Work Positioning on Spars

(50 min.)

Derrick Martin

Jake Riggs

Utilizing hardware and work positioning techniques in order to improve negative rigging safety and efficiency.

ISA CEUS: 1 CA; 0 UT; 1 CS; 1 MA; 1 AL; BCMA - 0 S, 1 P, 0 M



Plant Health Care

10:00 AM Invasive Species Management Using Drones

Rick Jordan, Operations Manager, CNY Drone Services, Inc.

In 'Invasive Species Management Using Drones,' Rick Jordan, Operations Manager at CNY Drone Services Inc., unveils the cutting-edge intersection of drone technology and environmental conservation. This presentation delves into the innovative use of drones for combating invasive species, a growing concern for ecosystems across New York and Pennsylvania. Rick will guide you through the journey of how drones are revolutionizing pesticide application, offering a glimpse into the future of precision agriculture and environmental stewardship. Attendees will gain insight into the challenges of managing invasive species, the advantages of drone technology in precision application, and the sustainable outcomes achieved through this modern approach. Join Rick for an enlightening exploration of how drones are not just tools of the future but are actively shaping a more sustainable and efficient approach to invasive species management today.

ISA CEUS: 1 CA; 1 UT; 1 CS; 1 MA; 1 AL; BCMA - 0.5 S, 0.25 P, 0.25 M

PA Pest Credits: 2 credits (Cat. 18, 25)

11:00 AM Protecting Water Resources from Pesticide Contamination & Conducting a Site Analysis Before Performing a Pesticide Application

Kara Pittman, Extension Educator, Penn State Extension

During this hour we will discuss two related topics, protecting water resources and conducting a site analysis of an application area. This presentation will cover the importance of surface and groundwater resources and how they can be impacted by pesticides. The common sources of pesticide contamination and how they can be prevented for both surface and groundwater will also be discussed. One of the best ways to avoid these problems is to avoid applying pesticides in areas most vulnerable to contamination, which requires an analysis of the application site and surrounding areas. We will discuss some key things to consider, including how to read soil maps, soil types, geological features that access groundwater, and restrictions you may see on pesticide labels that should be considered when assessing an area prior to a pesticide application.

ISA CEUS: 1 CA; 1 UT; 1 CS; 1 MA; 1 AL; BCMA - 0.5 S, 0.25 P, 0.25 M

PA Pest Credits: 2 Core credits



Business/Commercial

10:00 AM Mick Kelly from ArboRisk Insurance – TBD

ISA CEUS: 1 CA; 0 UT; 1 CS; 1 MA; 1 AL; BCMA - 0 S, 0 P, 1 M



11:00 AM How (and why) to Become a Consulting Arborist

John Rockwell Hosbach Jr., RCA, Urban Forester, Rockwell Associates

ISA CEUS: 1 CA; 0 UT; 1 CS; 1 MA; 1 AL; BCMA - 0 S, 0 P, 1 M

Lunch 12:00 PM Lunch with exhibitors

General Sessions

1:00 PM Conifers in Decline: The Future of Landscape Conifers

Chad Rigsby, Ph.D., Research Scientist and Technical Support Specialist, Bartlett Tree Experts

In this talk, we will discuss conifers historically planted in the landscape in the region, what factors are contributing to their decline, and how to care for those specimens if we desire to keep them. Additionally, together as a group, we will look to the future of our landscape conifers and attempt to synthesize the known information about conifer alternatives to assemble a draft list of conifers suited for the region.

ISA CEUS: 1 CA; 0 UT; 1 CS; 1 MA; 1 AL; BCMA - 0.5 S, 0 P, 0.5 M

2:00 PM Pesticide Application Trivia

Kara Pittman, Extension Educator, Penn State Extension

Designed as a trivia game, participants will answer questions about preparing for a pesticide application. Topics will include calibration, drift reduction, mixing and loading, pesticide labels, and how to be prepared for application accidents including a pesticide spill.

ISA CEUS: 1 CA; 1 UT; 1 CS; 1 MA; 1 AL; BCMA - 0.5 S, 0.25 P, 0.25 M

PA Pest Credits: 2 Core cre

