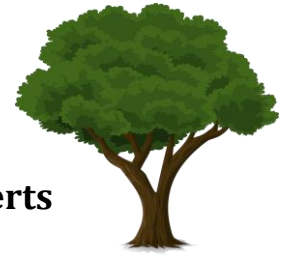


2022 Community Forestry Workshop

presented by Montgomery Township and Bartlett Tree Experts
November 4, 2022



Welcome Remarks and Safety Message:

***Joseph Bayer, Arborist Representative
Bartlett Tree Experts
Dublin, PA***

Mr. Bayer has been working in the landscape and tree care industry for over 14 years. After graduating from Temple University with a degree in Horticulture, he worked as a tree climber and plant health care specialist for a tree care company serving the main line and surrounding areas. Before joining Bartlett in 2018, Joe enjoyed caring for the grounds and athletic fields at a prestigious private academy where he served as the Grounds Superintendent. Joe is an International Society of Arboriculture Certified Arborist and a member of the Penn-Del Chapter of the ISA. He is a PA Certified Pesticide Applicator and member of the Professional Grounds management Society.

Every workday morning, Bartlett crews are presented with a safety message before assigned tasks are handed out for the day. In a similar fashion, Mr. Bayer will begin our workshop day with an arborist safety tip or two based on experience gained in the field.

Disease and Insect Update:

***Emelie Swackhamer, Extension Educator
Penn State Extension.***

Ms. Swackhamer is a Horticulture Extension Educator. She holds a B.S. degree in Plant Science from the Pennsylvania State University and a M.S. in Plant Pathology from the North Carolina State University. Her programs focus on the green industry including diagnosis of plant problems, plant identification and selection, estimating and bidding for landscape installation, green infrastructure and pesticide safety education. Emelie is also a source of information and programming on the new invasive insect *Lycorma delicatula*, the spotted lanternfly.

Ms. Swackhamer will speak to the latest information coming out of the Penn State laboratories, usually supported by her first-hand experience. Ms. Swackhamer comes prepared with hands-on samples and encourages audience questions and answers.

PA Pesticide Regulatory Update:

*Emily Fricke, Region 7 Supervisor
Bureau of Plant Industry
Pennsylvania Department of Agriculture*

Ms. Fricke will address pressing concerns as identified by the PA Department of Agriculture when it comes to pesticides, pesticide applications and regulatory matters.

Proper Storage, Mixing, and Application Techniques for Pesticide Applicators:

*Wesley Fuhrman, Regional Lab Extension Specialist (Mid-Atlantic)
Bartlett Tree Research Laboratories*

Mr. Wesley Fuhrman has been with Bartlett Tree Experts since 1998. He experience through the years at Bartlett includes PHC Specialist, Arborist Ground Person, Arborist Crew Leader, and he currently serves as a Regional Lab Extension Specialist providing lab outreach and support for the Mid-Atlantic region. Mr. Fuhrman is an ISA Certified Arborist, Certified Horticulturist, MD Licensed Tree Expert, and holds Pesticide Applicator Licenses in Maryland and Pennsylvania.

Mr. Fuhrman's discussion will address the storage, mixing and application of pesticides and fertilizers to ensure personal and environmental safety, as well as effective and profitable treatments.

Tree Selection for a Changing Climate:

*Chris Riley, Ph.D., Research Scientist and Technical Support Specialist
Bartlett Tree Research Laboratories
Washington, D.C.*

Dr. Chris Riley joined the Bartlett Tree Research Lab in Charlotte, NC in January 2020 after graduating with his PhD in Entomology from The Ohio State University. He now provides dedicated research and technical support to operations in the Mid-Atlantic while serving as a research collaborator with the DC based non-profit, Casey Trees. Dr. Riley conducts research on various aspects of Plant Health Care, performs both internal and external outreach, and helps educate, train, and support Bartlett Tree Experts arborists and plant health care specialists

Dr. Riley's presentation will begin with the evidence and outcomes of climate change in Pennsylvania. With that foundation in place, he will then discuss how to think about the tree species selection in light of changing climate and provide examples of species that should be considered for future plantings.

Establishing Optimal Cultural Conditions to Reduce Costly PHC Applications:

***Brian Duvall
Bartlett Tree Experts
Emmaus, PA***

Brian has been in the tree care industry since he was a young man. He grew up in Cecil County, Maryland on his family's Christmas tree farm. Brian's love of the outdoors and tree care continued through college where he received his A.A.S. in Forest Resource Management from Allegany College of Maryland, and his B.S. from West Virginia University. In 2007, Brian began interning with Bartlett Tree Experts during his summer breaks from college. After graduating, he began his career with the Bartlett Tree Experts in the Baltimore, MD office as a PHC Specialist, then he worked as an Arborist Rep in the Annapolis, MD office, and he now manages the Emmaus, PA office. Brian is a Certified Arborist, a Licensed Tree Expert, and a Licensed Pesticide Applicator.

Mr. Duvall will present techniques to ensure optimal cultural conditions for trees and shrubs based on scientific research done in part by Bartlett's Research Lab in Charlotte, NC. These practices will encourage healthy, vigorous plants with strong defensive capabilities, thereby reducing insect and pest pressure and the need to apply costly chemical treatments.

Proper Tree Planting Techniques:

***Kevin Juchno
Bartlett Tree Experts
Dublin, PA***

Since the age of 18, Kevin has been working in the tree care industry, taking on many roles within the field. He graduated from East Stroudsburg University in 2014 with a Master's Degree in Organismal Biology with a concentration on Entomology and Forest Ecology. Kevin has worked in several states as a traveling arborist, spent time in Costa Rica working on forest conservation projects and owned his own tree care business in the Pocono area. He joined Bartlett Tree Experts in 2020 as a Plant Health Care Specialist and Crew Foreman at the Bala Cynwyd, PA office. In June 2021, he transferred to the Dublin, PA office as an Arborist Representative. Kevin is an ISA Certified Arborist and a licensed PA State Pesticide Applicator.

Mr. Juchno will cover proper techniques of tree installation to encourage rapid establishment and a long, healthy life in the managed landscape.