

ProGreen EXPO 2019 Horticulture Tracks



The following tracks have been created to help you better plan your ProGreen EXPO session schedule. Sessions of similar horticulture interest are grouped together in the following tracks:

- Nursery – Practices
- Nursery – Trees
- Garden Center and Retail
- Greenhouse Growing
- Selecting Plants
- Horticulture - General
- Commercial Pesticide Applicator

For the complete program of sessions, speaker bios and full session descriptions, please go to the [Education Schedule page](#) of the ProGreen website (www.progreenexpo.com).

Nursery - Practices

Insider Tips for Three Exceptional Species of Lavender	Tuesday 11a - 12p	Paola Legarre	Learn which species and cultivars do exceptionally well in Colorado along with their propagation and growing requirements.
Pruning Made Easy: Best Practices for Keeping Your Woody Plants Healthy and Looking Their Best	Tuesday 2:15 - 3:15p	Eric Hammond	Discover the basics of proper woody plant pruning. You will learn how woody plants respond to pruning and the potential benefits and risks of pruning woody plants.
Practices and Processes That Drive Woody Plant Production Efficiency	Wednesday 10:30 - 11:30a	Shane Brockshus	Learn how you can streamline production and maintain quality by balancing processes, equipment, and automation.

Nursery – Trees

Innovation in the Nursery Industry: Options for Year Round Shipping	Wednesday 8 - 9a	Katy Hiatt	Learn how to ship trees year round and provide extra value to customers. Discover the growing methods best suited for year round shipping including B & B, container and grow bags.
Does Your Root Ball Measure Up? Understanding Root Ball BMPs and Standards	Wednesday 3:15 - 4:15p	Terry Shaw	The health and survivability of a B & B tree begins with the integrity of the root ball. Learn what makes an acceptable root ball including size, digging methods, handling and standards.
Best Practices for Creating Healthy Root Structures in Urban Environments	Thursday 8 - 9a	Dr. Allison O'Connor	Explore production practices, planting recommendations and establishment for urban environments. Learn data and research supported BMPs and how to utilize on your projects.

Garden Center and Retail

A Unique Customer Experience: The Key to Your Success	Tuesday 10:30 - 11:30a	John Vachlek	This session will teach you how to create an amazing customer experience and discuss how to grow your business through increased customer loyalty and referrals.
Bulb Design Potentials and Possibilities	Wednesday 2 - 3p	Brent Heath	This session will explore numerous bulb design strategies, labor-saving planting techniques and on-going and long-lived cultivars.
Tantalizing Tulips	Thursday 8 - 9a	Brent Heath	Did you know that some critters and human gardeners find tulips to be a tasty treat? Learn how to thwart the critters and enhance the dinner table of adventure gardeners.
Recognizing and Working with Natural Enemies of Insect Pests	Thursday 9 - 10a	Dr. Whitney Cranshaw	Learn what common natural enemy groups are found outdoors and the pests they feed on, and numerous ways to improve the effectiveness of these natural enemies.
Plants That Pay the Rent	Thursday 9:15 - 10:15a	Dan Heims	Tap Dan's vast plant knowledge to find out which plants fill multiple seasons with foliage color, long bloom times, fragrance, and decorative character.
Useful Products for Managing the Insect Problems in Colorado	Thursday 11a - 12p	Dr. Whitney Cranshaw	Explore the various retail products and what they can and can not do for controlling common regional pests. A useful session for outlets that sell pest control products.
How to Make Lifelong Customers Out of Gen X, Y & Z	Thursday 1 - 2p	Amanda Thomsen	A fun, fast-paced and data filled presentation examining the perceptions we all have about different generations and how to lure each one in to become lifelong customers.
Perennials for Containers	Thursday 2 - 3p	Dan Heims	Many perennials truly shine in containers! Learn which ones work best and how to take care of them. You'll walk away with some great container "recipes."

Greenhouse Growing

Understanding Three Factors that are Essential for Growing Healthy Greenhouse Plants*	Tuesday 9 - 10:45a	Jeannine Kwolek	Learn the key factors that function together for proper plant growth. You'll take a close look at soil amendments, fertilizer calculations and water tests.
How to Provide the Best Environment for Greenhouse Growing*	Tuesday 11a - 12p	Dan Gerace	The greenhouse environment is critical for growing success. Explore various equipment and how it is used, and learn how to make heating and cooling calculations.
How to Identify and Manage Common Greenhouse Pests*	Tuesday 1 - 2:45p	Dan Gerace	Ever wonder "what bug is chewing on my plants?" - then this session is for you: basic pest identification, management, sticky cards and plant damage.
How to Identify and Manage Common Greenhouse Diseases*	Tuesday 3:30 - 5:15p	Tamla Blunt	Good greenhouse production requires a knowledge of diseases that can harm your plants. Learn how to identify common diseases and ways to manage them.
How Does a Plant Grow? An Introduction to Botany and Plant Physiology*	Wednesday 10:30a - 12:15p	Mike Bone	This session will provide a useful background on classification, anatomy, morphology and factors that influence plant growth.
Fundamentals of Propagating Plants in Greenhouses*	Wednesday 1 - 2:45p	Mike Bone	A hands-on class covering the fundamentals of seed and vegetative propagation including germination needs, propagating environments and taking cuttings.
Agriculture Meets Robotics: Today's Students Preparing for Tomorrow's Future	Wednesday 1 - 2p	Heather Crabtree	Westminster High School students have implemented a FarmBot to explore the pros and cons of robotic growing. Learn how it's working and future goals.
Productions Pitfalls and How to Avoid Them	Thursday 11a - 12p	Paul Pilon	Learn what it takes to grow picture perfect, bug-free, weed-free ornamentals. Examine production pitfalls and how to avoid making the most common mistakes.
Growing Perennials for Specific Sales Windows	Thursday 1 - 2p	Paul Pilon	Learn basic forcing principles that can help you schedule and deliver a consistent supply of color to your markets. Hear a variety of strategies for successful results.

* Certified Greenhouse Grower class – open to all attendees.

Selecting Plants

Woody Plant Identification	Tuesday 9a - 12p	Dr. Jim Klett and Panel	Hone your identification skills with this helpful session focused on woody landscape plants. Plant samples and photos from all seasons will help your learning process
“Super” Shrubs for Rocky Mountain Landscapes	Tuesday 1 - 2p	Keith Williamson and J. Valdez	Discover “Super” evergreen and deciduous shrubs from the Colorado Certified Nursery Professional identification list and why they are "Super."
“Super” Trees for Rocky Mountain Landscapes	Tuesday 3:30 - 4:30p	Keith Williamson and J. Valdez	This session will cover selected “Super” evergreen, ornamental, and shade trees from the CCNP identification list. You’ll learn why they are "Super."
Trees and Woody Plants for Small Places	Wednesday 1 - 2p	Dr. Jim Klett and Eric Hammond	Learn about unusual and underused woody plants that fit many small urban landscapes. They have benefits that might add new interest to small urban designs.
Successful Landscape Plant Select Plants: The Tried and True and New!	Wednesday 3:15 - 4:15p	Ross Shrigley and Panel	Discover the tried and true applications of Plant Select plants at different scales: parks and commercial projects, medians and residential landscapes.
Native Plants for Year Round Interest	Thursday 9 - 10a	Irene Shonle	This presentation will highlight native plants that shine in each season and will include many planting combinations for extra impact.
Best of Annuals and Perennials from the 2018 CSU Trials	Thursday 11a - 12:30p	Dr. Jim Klett and Panel	See the top picks from the 2018 CSU Annual and Perennial Trials, including the "Best Of" annuals and "Top Performer" perennials.
Plant This, Not That: A Guide to Gardening with Colorado Native Plants	Thursday 1 - 3p	Deryn Davidson	This session will list common, non-native plants and feature their ideal Colorado native alternatives, highlighting differences in plant care and maintenance.
How to Choose a Native Grass	Thursday 3:15 - 4:15p	Catherine Moravec	Learn which landscape areas are best suited for native grasses and how to integrate them into a landscape design. Explore practical tools for species selection.
Native and Non-native Plant Materials as Novel Annuals	Friday 8 - 9a	Mike Schnelle	What native and non-native plant materials can be used as annuals in Colorado? Find out the overlooked and more unusual species that you can use.

Horticulture – General

Climate Change and Trees	Wednesday 8 - 9a	Dan Herms	Explore the implications of ongoing climate change for arboriculture and urban forestry, as well as the potential for urban forests to mitigate climate change.
The Climate of Colorado: Its Variations, Extremes, and What Comes Next	Wednesday 10:30 - 11:30a	Nolan Doesken	Examine climate features that usually produce good weather but also dramatic storms and extremes. See the trends and what to expect in the coming years.
Amazing Trends in Horticulture Technology	Wednesday 1 - 2p	Walter Drummond	This session will cover “Green” applications for advanced technologies and reveal five key innovations that are revolutionizing the industry.
Labor. Plant Trade. Transportation. Pests. The Very Latest.	Thursday 1 - 2p	Craig Regelbrugge	Amidst a changing national mood and politics, Craig will provide an upbeat yet insider outlook on our industry’s most pressing challenges and opportunities.
CSU Research, Extension and Department/College Updates	Thursday 1 - 3p	CSU Panel	Hear CSU updates including insect pest research, dependable plants, pest management, propagation and Plant Select research.
Abiotic Disorders and Related Issues in Trees and Shrubs	Thursday 3:15 - 4:15p	Mike Schnelle	Abiotic causes of poor plant health are often overlooked. Ultimately, the causal agents can be traced back to human activity/error in the landscape.
Long Term Maintenance of Plant Select Plants	Friday 9:15 - 10:15a	Ross Shrigley and Panel	Learn best maintenance tips for plants that reseed; mulch differences and how to design reduced maintenance landscapes.

Commercial Pesticide Applicator

Laws & Regulations	Tuesday 9 - 10a	John Scott	This class will review recent changes to the Colorado Pesticide Applicators Act and laws that currently effect pesticide applicators.
ATV Safety	Tuesday 10:30 - 11:30a	Thia Walker	Learn how to safely spray from an ATVs or Gators and methods to calibrate and clean. Videos will show the challenges of spraying over uneven terrain.

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Laundering Pesticide-Contaminated Work Clothing	Tuesday 1 - 2p	Thia Walker	See how to prevent clothing contamination and decontaminate clothing exposed to pesticides. Get tips for avoiding your family's exposure to pesticide residues.
Industrial Right of Way - A Science and an Art	Tuesday 2:15 - 3:15p	Derek Sebastian	This class will highlight control differences between annual and perennial weeds/grasses and offer new solutions to an old problem.
Tools to Improve Pesticide Applications	Tuesday 3:30 - 4:30p	Thia Walker	In this class you'll look at some nifty tools and practices for working with pesticides and avoiding pesticide contamination off-target.
Understanding "Pesticide Trespassing" and the Power of a Pesticide Molecule	Wednesday 8 - 9p	Kevin Gallagher	You'll examine better public awareness, how to interpret pesticide labels and the power of an herbicide/insecticide molecule.