

ProGreen EXPO 2022 Horticulture and Business Management 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:

- **Business Operations**
- **Employee Management**
- **Garden Centers**
- **Greenhouse Operations**
- **Nursery Operations**
- **Plant Solutions**
- **Spanish Sessions**
- **Sessions for Commercial Pesticide Applicator CECs**

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

Business Operations

My Property & Casualty Insurance Premiums are Crazy – What Should I Do?	Tuesday 1 - 2p	Troy Sibelius	Learn tips about how to lower your insurance premiums, find out which insurance carriers are currently offering competitive pricing, workers comp options and more.
The Two-Hour Marketing Plan	Wednesday 2:15 – 3:15p	Kimberly Douglas	This session walks you through your marketing plan step by step. You'll develop marketing goals and learn how to evaluate various marketing tactics.
Business Is Booming - Why You Still Need to Market and How	Wednesday 3:30 – 4:30p	Kimberly Douglas	Discover four reasons why you should market even when you don't need new clients. Learn four marketing tactics that companies should consider when times are good.
Climate Change and the Future of Water for Green Industry	Thursday 10:30 – 11:30	Brad Udall	This talk will explore how our climate is changing, water cycle impacts, what this means for the Green Industry and how we might solve this pressing problem.
Northern Water Efficiency Services Supporting the Green Industry	Friday 9:15 – 10:15a	Panel	Northern Water provides multiple services for HOAs, cities, businesses, and the green industry. These services include training, design, consultations, grants and audits.

Employee Management

Creating a Modern Workforce: A 21st Century Approach to Management	Wednesday 8 – 9a	Neal Glatt	Take away practical, data-driven techniques to dramatically increase employee engagement that will result in increased sales, profitability, and retention.
Winning the Talent War	Wednesday 9 – 10:30a VIP Breakfast	Neal Glatt	You'll learn why finding employees has become so difficult, what the workforce of the future may look like and what it takes to find and keep great talent.
Engaging a Team Workshop: How to Get the Best from Everyone	Wednesday 1 – 2p	Neal Glatt	In this interactive workshop, you'll discover what workers really need and the tactics managers can use to create commitment and enthusiasm at all levels.
Leadership: Engage & Empower to Excel	Thursday 9:15 – 10:15a	John Hanson	Learn 40 fresh ideas on how to engage with and empower your team as you explore the powerful paradigm shift on what leadership truly is.

Garden Centers

Best of Annuals and Perennials from the 2021 CSU Flower Trials	Wednesday 1 – 2p	Panel	See what industry and other experts rated as top picks in the 2021 CSU Annual and Perennial Trials. Discover the "Best Of" annuals and "Top Performer" perennials.
Benefits and Challenges of Growing and Selling Branded Plants	Wednesday 2:15 – 3:15p	Jessica DeGraaf	You'll learn the primary benefits that brands provide and explore how you can better leverage these brands to support your business.
What's Driving the Houseplant Craze & How You Can Tap Into It	Thursday 8:30 – 9a	Scott Jeffries	Review the physical and mental benefits of houseplants, discuss social media's impact, understand the benefits of bringing nature inside and fulfilling the need to nurture.
Deep Dive into the Bedding Plant of the Year: Verbena!	Thursday 1 – 1:30	Susan Stauber	Explore the world of verbena- the series and their uses, companion plantings, common issues in production and tips/tricks for flowering . . . all in a 1/2 hour!
Gardening for Insects – or Not!	Thursday 1 – 2:30p	Dr. Whitney Cranshaw	You'll learn the "good bugs" – from butterflies and moths to various bees and natural enemies of insect pests – and how to conserve and enhance their populations.
New Plants from Plant Select	Thursday 2:15 – 3:15p	Ross Shrigley & Mike Bone	Updates will include the new 2022 plants and beyond. Program updates to cover national propagators and supply chains.
From Bench to Backyard: Designing from the Garden Center	Friday 10:30 – 11:30a	Panel	Providing customers with great plant solutions for their home landscapes "on the fly" including navigating plant substitutions.

Greenhouse Operations

How to Provide the Best Environment for Greenhouse Growing*	Tuesday 11:15a – 12:15p	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 Does a Plant Grow? An Introduction to Botany and Plant Physiology*	Wednesday 12:45 - 2:15p	Mike Bone	This session will provide a useful background on classification, anatomy, morphology and factors that influence plant growth.
Understanding Three Factors that are Essential for Growing Healthy Greenhouse Plants*	Tuesday 2:30 – 4:15p	Chris Freeman	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.
Best Practices when Unrooted Cuttings and Young Plants Arrive	Wednesday 8 – 8:30a	Karl Trellinger	Discover what needs to be done so that unrooted cuttings/liners of annuals, geraniums and New Guinea impatiens get into the ideal growing environment.
Fundamentals of Propagating Plants in Greenhouses*	Wednesday 8:45 – 10:30a	Mike Bone	A hands-on class covering the fundamentals of seed and vegetative propagation including germination needs, propagating environments and taking cuttings.
How to Identify and Manage Common Greenhouse Pests*	Wednesday 12:30 - 2:15p	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.
Fungal Disease Roundup	Wednesday 2:15 – 3:15p	Nick Flax	Learn monitoring strategies and correctly identifying common fungal diseases, as well as developing and implementing effective disease management protocols.

How to Identify and Manage Common Greenhouse Diseases*	Wednesday 2:30 - 4:15p	Dr. 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.
Optimizing Control to Improve Crop Quality and Yield	Thursday 8:30 – 9a	Nick Earls	Learn how to maximize your environmental controls by optimizing seasonal and crop-specific settings and using sensors to ensure the the right amount of moisture.
Plant Growth Regulators: A Practical Guide for the Green Industry	Thursday 9:15 – 10:15a	Dr. Jozsef Racsko	Understand when and how to apply PGRs, what rates to use, what factors influence their efficacy and how these products can be integrated in the production practices.
An Introduction to Beneficial Insects and How They Can Play a Role in Pest Prevention	Thursday 10:30 – 11a	Davey Rock	Discover some of most effective beneficial insects, the target pests, and how they can be applied. Beneficial insects can play a key role in an effective IPM program.
How Active Ingredients Can Improve your Plant Production and Performance	Thursday 11:15 – 11:45a	John Frey & Lance Lawson	Learn how using biological active ingredients can improve your plant production and performance, and usage in young plants, finished and food crops.
Harvesting the Sun: Solar's Value to Growers	Thursday 2:15 – 2:45p	Jake Yurek	You'll understand the lifecycle of a commercial solar investment and the strong economic benefits for green industry businesses using real greenhouse case studies.
Considerations for Expanding or Building a New Greenhouse Business	Thursday 3:30 – 4:30p	Paul Golden	Explore trends in the greenhouse industry as well as technological improvements that help operators become more resource efficient and more competitive.

* Certified Greenhouse Grower class – open to all attendees.

Nursery Operations

What You Need to Know - Japanese Beetle Import/Export Communication and Compliance	Tuesday 1 – 2p	Cheryl Smith	Learn updated regulations regarding shipping, what steps to take and what inspectors look for. Find out how to prevent a “Stop Sale” order.
Woody Plant Identification	Tuesday 1 – 4p	Panel	Basic identification hints of woody landscape plants on various given Industry certification lists. Plant samples and photos will be used to aid learning.
New Irrigation Technologies for Nursery Operations	Tuesday 2:15 – 2:45p	Jim Mueller	Learn new irrigation technologies that can reduce water consumption while saving on labor costs and improving production.
Best Practices for Pruning Large, Mature Trees to Improve Condition and Extend Longevity	Wednesday 9:15 – 10:15a	Dr. Daniel Burcham	Best tree pruning practices will be reviewed and summarized, and any uncertainty about tree pruning will be evaluated with prevalent industry practices.
Use of Technology, Engineering, Sensors, and Robotics in the Green Industry Path Towards Digital Agriculture & Agriculture 4.0	Wednesday 1 – 2p	Ezequiel Villanueva	This session will provide examples of in situ sustainable use of water, between the different types of soils used in the nursery with wireless sensor networks in real-time.
Benefits and Challenges of Growing and Selling Branded Plants	Wednesday 2:15 – 3:15p	Jessica DeGraaf	You'll learn the primary benefits that brands provide and explore how you can better leverage these brands to support your business.
Growing Media Selection and Use for Soilless Cultivation	Wednesday 3:30 – 4:30p	Dr. Brian Jackson	This session covers current challenges, changes, and future outlook of the growing media industry and how to select a growing media and media suppliers.

If Not This, Then That: Making Plant Substitutions In a High Demand Limited Supply Market	Thursday 9:15 – 10:15a	Nate Douglas	An industry insider looks at plant availability, crop growing cycles, outdated varieties, new genetic introductions, and much more.
Major Insect Pests in Trees	Thursday 10:30 – 11:30a	Susan Carter & Lisa Mason	Learn identification and treatment options for emerald ash borer, ash bark beetles, lilac ash borer, elm leaf beetles, elm seed beetles, Japanese beetles, and more.
New Plants from Plant Select	Thursday 2:15 – 3:15p	Ross Shrigley & Mike Bone	Updates will include the new 2022 plants and beyond. Program updates to cover national propagators and supply chains.
How We Customized Our Nursery Delivery Fleet to be More Professional	Thursday 2:45 – 3:15p	Stan Brown	Learn how this company developed specialized delivery trucks to carry more plants more safely to meet the needs of their customers.

Plant Solutions

Growing Container Gardens-The Next Level	Tuesday 2:15 – 3:15p	Kerry Poppe	A container garden is a 'miniature' landscape. Discover how to make this transition by learning what kind of containers, soil, plant material, and fertilizing to use.
Best of Annuals and Perennials from the 2021 CSU Flower Trials	Wednesday 1 – 2p	Panel	See what industry and other experts rated as top picks in the 2021 CSU Annual and Perennial Trials. Discover the "Best Of" annuals and "Top Performer" perennials.
CSU Research Update	Wednesday 2:15 – 4:15p	Panel	Water use demo gardens, effect of growing media and fertilizers, EAB insecticides/Japanese beetle, optimizing CO2 enrichment and LED lighting and more.
Drought Tolerant Trees and Shrubs for the High Plains and Beyond	Wednesday 3:30 – 4:30p	Keith Williamson	Explore native and non-native trees and shrubs that may be considered drought tolerant, particularly within the High Plains regions along the Central Rocky Mtns.
Beauty and the Bees: Understanding Pollinators and Designing a Landscape to Support Them	Thursday 9:15 – 10:15a	Deryn Davidson & Lisa Mason	Learn about common pollinators in CO and how to create landscape designs that will attract and support pollinators while providing beautiful landscapes.
Western Meadow Plants and Design	Thursday 10:30 - 11:30a	Panel	Western meadow designs for the steppe region.
Deep Dive into the Bedding Plant of the Year: Verbena!	Thursday 1 – 1:30	Susan Stauber	Explore the world of verbena- the series and their uses, companion plantings, common issues in production and tips/tricks for flowering . . . all in a 1/2 hour!
Stephanie's Perennial Picks for Colorado	Thursday 1:45 – 2:15p	Stephanie Thompson	Stephanie will share her favorite Colorado-hardy perennials and give her reasons why they should be your picks, too, for any Colorado garden landscape.
New Plants from Plant Select	Thursday 2:15 – 3:15p	Ross Shrigley & Mike Bone	Updates will include the new 2022 plants and beyond. Program updates to cover national propagators and supply chains.
Native Plants for Patios, Pocket-Prairies and Postage Stamp Yards	Friday 9:15 - 10:15a	Deryn Davidson	You don't have to have a lot of land to incorporate native plants into your landscape. Learn how to create urban preserves and add biodiversity in small spaces.

From Bench to Backyard: Designing from the Garden Center	Friday 10:30 – 11:30a	Panel	Providing customers with great plant solutions for their home landscapes "on the fly" including navigating plant substitutions.
Ornamental Grasses for Colorado Landscapes	Friday 10:30 – 11:30a	Amy Lentz	Learn to choose the right ornamental grass for the right place depending on your design, soil type and available moisture, and embrace Colorado's prairie history!
Crevice Gardens: Diverse Uses and Installation of this Hot Trend	Friday 10:30 – 11:30a	Kenton Seth	This presentation will briefly define and give background to crevice gardens, but focus on how they can be used and how they can be reasonably installed.

Spanish Sessions

¿Cómo Crece una Planta? Una Introducción a la Botánica y la Fisiología Vegetal	Wednesday 8 – 8:45a	Ezequiel Villanueva	En esta clase aprenderá cómo se clasifican tradicionalmente las plantas y el proceso de identificación. Esta clase está dirigida al profesional de invernaderos y cómo estos sistemas interactúan con el productor.
Entendimiento de Tres Factores que son Esenciales para Cultivar Plantas de Invernadero Saludables: Agua/Sustrato/Nutrición	Wednesday 2:15 – 4p	Ezequiel Villanueva	Esta clase demuestra la interrelación del agua, los medios y la nutrición, ya que funcionan en conjunto para el crecimiento adecuado de las plantas.

Sessions Providing Continuing Education Credits for Commercial Pesticide Applicators

<u>Laws and Regulations - 2 Credits</u>	Tuesday 3:30 – 4:30p	TBA	
<u>Pesticides & Their Families – 1 Credit</u> Attend any one of these sessions: Using the Pesticide Label to Keep You Safe and Compliant	Wednesday 8 – 9a	Lisa Blecker	Various labels of industry pesticides will be used to demonstrate how to identify characteristics of the pesticide and specific safety practices.
Understanding How Characteristics of Insecticides Affect Use Patterns and Performance	Thursday 9:15 – 10:15a	Dr. Whitney Cranshaw	This will be a brief overview of these key chemical and biological characteristics of insecticides commonly used to manage insects on turfgrass and landscape plants.
<u>Environmental Protection – 1 Credit</u> Attend any one of these sessions: Beauty and the Bees: Understanding Pollinators and Designing a Landscape to Support Them	Thursday 9:15 – 10:15	Deryn Davidson	You'll learn common pollinators found in CO and how to create landscape designs that will attract and support pollinators while providing lasting beauty.
Gardening for Insects – or Not!	Thursday 1 – 2:30p	Dr. Whitney Cranshaw	This will discuss a wide range of "good bugs" and how to conserve and enhance their populations.
<u>Use of Pesticides – 1 Credit</u> Attend any one of these sessions: How to Comply with Respirator Standards	Wednesday 1 – 2p	Thia Walker	This session will review what respirators are covered by federal standards, how to comply and how to deal with 'voluntary' use of respirators.
Understanding How Characteristics of Insecticides Affect Use Patterns and Performance	Thursday 9:15 – 10:15a	Dr. Whitney Cranshaw	This will be a brief overview of these key chemical and biological characteristics of insecticides commonly used to manage insects on turfgrass and landscape plants.

<p><u>Applicator Safety – 1 Credit</u> Attend any one of these sessions: Using the Pesticide Label to Keep You Safe and Compliant</p>	Wednesday 8 – 9a	Lisa Blecker	Various labels of industry pesticides will be used to demonstrate how to identify characteristics of the pesticide and specific safety practices.
<p>How to Comply with Respirator Standards</p>	Wednesday 1 – 2p	Thia Walker	This session will review what respirators are covered by federal standards, how to comply and how to deal with 'voluntary' use of respirators.
<p>Safely Dealing with Pesticide Spills</p>	Wednesday 3:30 – 4:30p	Thia Walker	Learn how to manage pesticide spills while protecting yourself and protecting others, how to clean up spills and how to develop a spill management plan.
<p><u>Public Safety – 1 Credit</u> Safely Dealing with Pesticide Spills</p>	Wednesday 3:30 – 4:30p	Thia Walker	Learn how to manage pesticide spills while protecting yourself and protecting others, how to clean up spills and how to develop a spill management plan.
<p><u>Category 101: Agriculture Insect Control – 1 Credit</u> How to Identify and Manage Common Greenhouse Pests</p>	Wednesday 12:30 – 2:15p	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.
<p><u>Category 102: Agriculture Plant Disease Control – 1 Credit</u> Attend any one of these sessions: Fungal Disease Roundup</p>	Wednesday 2:15 – 3:15p	Nick Flax	Learn monitoring strategies and correctly identifying common fungal diseases, as well as developing and implementing effective disease management protocols.
<p>How to Identify and Manage Common Greenhouse Diseases</p>	Wednesday 2:30 - 4:15p	Dr. 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.
<p><u>Category 106: Forest Pest Control – 1 Credit</u> Forest Pests of Colorado</p>	Thursday 2:15 – 3:15p	Dr. Dan West	This session will cover current forest pest damages statewide. Major disturbances from bark beetles will be the focus along with control measures.
<p><u>Category 109: Industrial and Right of Way – 1 Credit</u> Industrial and Right of Way Weed Control</p>	Tuesday 2:15 – 3:15p	Rick Roehm	Learn the herbicidal management options including specific herbicides for controlling weeds in industrial and right of way sites
<p><u>Category 206: Turf Pest Control – 1 Credit</u> Attend any one of these sessions: Weed Management in Native Turf Conversions</p>	Wednesday 9:15 – 10:15a	Dr. Tony Koski	This session will examine ways (cultural and chemical) of minimizing weed competition during establishment and ongoing maintenance of native grass lawns.
<p>Turf Identification</p>	Thursday 8 – 10a	Dr. Tony Koski, Allison O'Connor	Discover the need for proper grass ID for legal pest management purposes. Understand that any grass species can be a weed when growing in the wrong place.

Alternatives to Glyphosate for Landscape Weed Management	Thursday 2:15 – 3:15p	Dr. Tony Koski	This presentation will examine alternative products for weed control in mulch, gravel, bare ground, etc. along with product effectiveness, species controlled and more.
Keeping Turf Management Simple	Thursday 3:30 – 4:30p	Kevin Gallagher	Learn key aspects of keeping turf healthy such as how turf competes against weeds and why that will reduce pesticide use in the long-term.
What's Causing these Brown Spots? Diagnosing the Most Common Disease, Insect, and Stress Problems in Lawns	Thursday 3:30 – 4:30p	Dr. Tony Koski	In this session you will examine ways of diagnosing stressed and dead areas on lawns, using real-life examples.
<u>Category 207: Ornamental Pest Control – 1 Credit</u> Attend any one of these sessions: Woody Plant Identification	Tuesday 1 – 4p	Panel	Basic identification hints of woody landscape plants on various given Industry Certification lists.
All About Elms – Insect and Disease Diagnoses and Management	Wednesday 1 – 2p	Korey Lofy	This session will identify the top insects and diseases in elm trees. You'll learn some field diagnostics, as well as treatment options for multiple varieties of elms.
Major Insect Pests in Trees	Thursday 10:30 – 11:30a	Susan Carter, Lisa Mason	Learn identification and treatment options for insects such as emerald ash borer, ash bark beetles, lilac ash borer, elm leaf beetles, Japanese beetles and more.
<u>Category 304: Residential/Commercial Pest Control – 1 Credit</u> Wasps!	Thursday 3:30 – 4:30p	Dr. Whitney Cranshaw	This review of Colorado wasps will allow you to recognize them, better understand how they live and what they do, and, if necessary, how to manage them.