




WEDNESDAY

COLOR KEY:

-  Session in Seminar Room
-  Session on Trade Show Floor
-  Premium Content (upgrade required)

Northern Green
2020 Education
Generously
Supported By:



7:30 AM
8:20 AM

University of Minnesota Turf Research Update | Eric Watkins | 101 CDE

8:30 AM
9:45 AM

OPENING KEYNOTE: Embracing Change
Paul Douglas | Main Aud
All attendees and exhibitors welcome!

10:00 AM
5:00 PM

Trade Show Open

10:00 AM
11:00 AM

Works in Stone: Building with Integrity and Mindful of our Cultural Legacy

Daniel Arabella | Aud 3

Deciphering the Color Code for More Sales! | Christina Salwitz | Aud 1

Bulbs as Companion Plants

Brent Heath | Aud 2

Monitoring and Managing Organic Matter in Putting Greens | Doug Linde | 101 CDE

The Invasive Spotted Lanternfly: What You Need to Know and How We are Fighting the Invasion

Emelie Swackhamer | 102 ABC

Irrigation 2020 Roundtable Discussion
102 DEF

10:00 AM
12:00 PM

CEO TRACK: How to Grow Your Company from the Inside Out! | The Resultants | 101 AB

10:05 AM
10:35 AM

MNLA Landscape Case Study
Samuel Geer | Theater

Hand and Power Tools: Use, Selection, and Safety | Chris Flegel | Lakeshore

MNLA Certification Exam—Study Tips
Cert. Task Team | Backyard

10:40 AM
11:10 AM

Ironclad Hostas for the Landscape
Steve Kelley | Theater

Smart Salting: Improve Your Winter Maintenance Program and Save Money

Carolyn Dindorf | Lakeshore

Research for the Real World—The Year in Review | Jim Calkins | Backyard

11:15 AM
11:45 AM

Climbing Demo: Going Out on a Limb
Rainbow Treecare | Climber's Corner

11:15 AM
12:15 AM

MN State Patrol Commercial Vehicle Inspection Demo | Sandbox

11:20 AM
11:50 AM

100 Years of Daffodils and More!
Brent Heath | Theater

Professional Gardening Networking Group Meeting | Lakeshore

Mycorrhizae: Why Four Species Are Better Than One | Michael Hull | Backyard

12:15 PM
12:45 PM

Invasive Species /Noxious Weed Status Update | Jim Calkins | Theater

Landscape Design Networking Group Mtg. with Nick McCullough | Lakeshore

12:15 PM
1:00 PM

Fly a Drone | Samuel Geer | Sandbox

1:00 PM
1:30 PM

Climate Change and Hardiness Zones, Pt. 1 | Lee Frelich | Theater

Garden Center Networking Group Mtg. with Christina Salwitz | Lakeshore

Spotted Lanternfly: Just the Basics
Emelie Swackhamer | Backyard

1:15 PM
1:45 PM

Climbing Demo: Advanced Rigging

Rainbow Treecare | Climber's Corner

Use of Drones in Landscape Design for Site Survey | Samuel Geer | Sandbox

1:45 PM
2:15 PM

Climate Change and Hardiness Zones, Pt. 2 | Lee Frelch | Theater

Why Are Stone Walls Falling Down?

Daniel Arabella | Lakeshore

Innovations in Plant Certification

Craig Regelbrugge | Backyard

2:00 PM
3:00 PM

2020 Vision: Garden and Greenhouse Trends You Need to Know About

Neil Anderson | Aud 1

Common Water Feature Mistakes

Jan Schreier | 102 DEF

Inside the Design | Nick McCullough | Aud 3

Sports Field Performance Testing: Current Trends and Future Applications

Chase Straw | 102 ABC

Putting Green Trueness: Can It Be Measured? | Doug Linde | 101 CDE

Breakthrough Plant Breeding in Flowering Shrubs | Tim Wood | Aud 2

2:00 PM
4:10 PM

CEO TRACK: How to Grow Your Company from the Inside Out | The Resultants | 101 AB

2:15 PM
3:15 PM

Fly a Drone | Samuel Geer | Sandbox

2:20 PM
2:50 PM

Will Sterile Plants Save Us?

Mary Meyer | Theater

Legal Pay Practices for the Green Industry | Patrick McGuiness | Lakeshore

Cold Hardiness in Minnesota

Steve Shimek, MDA | Backyard

3:00 PM
3:30 PM

Introduction to E-Commerce for the Horticulture Industry

Stacy Noble | Theater

Winter Protection for Container Plants

Bert Swanson | Lakeshore

Palmer Amaranth Identification & Update | Shane Blair | Backyard

3:10 PM
4:10 PM

How to Choose Sustainability in Everyday Decisions | Nick McCullough | Aud 3

Finding Good Labor, H-2 Visas

Craig Regelbrugge | Aud 1

Reimagining the Perennial Plant Palette

Kelly Norris | Aud 2

Designing with LED Lighting—What's New?

Gerry DeLaVega & Lighting Panel | 102 DEF

Ash Tree Working Standards

Nicholas Bomber | 102 ABC

Weeding Through Invasive Aquatic Plants in Minnesota

Megan Weber | 101 CDE

3:15 PM
3:45 PM

Pruning Demo: Structural Pruning

Rainbow Treecare | Climber's Corner

Urban Tree Canopy Management Utilizing ArcGIS and Drones

Brock Eastlund | Sandbox

4:20 PM
4:50 PM

Rigging/High Risk Tree Removal

Marco Vargas | Theater

15 Ways Your Displays Can Help You Sell More | Christina Salwitz | Lakeshore

Looking for Your Future Workforce?

Jay Siedschlaw | Backyard

Speakers and sessions are subject to cancellation or change. For the most up-to-date schedule, check the Northern Green app.

THURSDAY

COLOR
KEY:

 Session in Seminar Room

 Premium Content (paid upgrade required)

 Session on Trade Show Floor

 Association Meeting

 **7:00 AM: MNLA Annual Meeting** | 101 FG

**7:00 AM
8:00 AM**

Exploiting Turf Physiological Strategies to Enhance Summer Stress Tolerance
Michelle DaCosta | 101 CDE

**8:00 AM
8:50 AM**

Measuring Retail Financial Success—Do You Have What It Takes? | Steve Bailey | Aud 1

A Minnesota Irrigation Contractors License? Benefit or Distraction, Part 1
Steve Hill | 102 DEF

Planting for the Future | Kelly Norris | Aud 2

Urban Nature : Human Nature
Peter Del Tredici | Aud 3

Physiology and Management for Minimizing Winter Injury of Turf
Michelle DaCosta | 101 CDE

Dealing with Wet Fields: From Playability to Diseases | Doug Linde | 102 ABC

**8:00 AM
10:00 AM**

INTERACTIVE TRACK: Diagnosing Tree & Shrub Problems: A Stepwise Approach, Pt. 1
Tom Creswell, John Bonkowski | 101 AB

**9:00 AM
4:00 PM**

Trade Show Open

**9:05 AM
10:05 AM**

Estimating & Bidding: What you Need to Know, Pt. 1 | “Paver Pete” Baloglou | Aud 3
My Favorite Plant | Debbie Lonnee | Aud 2

Now That You Can Measure Retail Financial Success, How Do You Attain It? | Steve Bailey | Aud 1

The Projects of Land Morphology
Richard Hartlage | 102 DEF

How Safe Is Glyphosate?
Dr. Hannah Mathers | 102 ABC

**9:05 AM
10:05 AM
(CONT.)**

Winter Turf Discussion Panel

Michelle DaCosta, Eric Watkins, Jeff Ische, Tom Proshok, Matt Cavanaugh | 101 CDE

**9:10 AM
9:40 AM**

Walt Disney Never Tried to Grow Trees

Gary Johnson | Theater

Collaborative Work and Tools to Reduce Woody Invasive Plant Impacts in the Great Lakes Basin | Clair Ryan | Lakeshore

Reducing Wear and Soil Compaction on Athletic Fields | Kristina Walker | Backyard

**9:45 AM
10:15 AM**

Social Media Storytelling

Ryan McEnaney | Theater

Nursery Networking Group Mtg. | Lakeshore

Considering Adding Holiday Lighting to Your Business?—What You Need to Know | Wayne Wheeler | Backyard

**9:45 AM
10:30 AM**

Fly a Drone | Samuel Geer | Sandbox

**10:40 AM
11:10 AM**

Ten Breeders & Ten (Or So) Remarkable New Plants | Tim Wood | Theater

Q&A Regarding Irrigation Licensing in North Carolina | Steve Hill | Lakeshore

Turf Applications Gone Awry
Jeff Schmidt | Backyard

 **10:45AM: MPSTMA Annual Meeting** | 101FG

**11:15 AM
11:45 AM**

Climbing Demo: Going Out on a Limb

Rainbow Treecare | Climber's Corner

**11:15 AM
12:15 AM**

MN State Patrol Commercial Vehicle Inspection Demo | Sandbox

**11:20 AM
11:50 AM**

Managing Nature: Exploring the Relationship Between Design & Maint. of Native Plants | Jim Hagstrom | Theater

11:20 AM
11:50 AM
(CONT.)

Arborist Networking Group Meeting with Peter Del Tredici | Lakeshore

Understanding Soils and Proper Soils Prep Effect on Seeding Success

Jake Voit | Backyard

12:00 PM: **MAC Luncheon** | Lounge A

12:15 PM
12:45 PM

Landscape Awards Presentations, Pt. 1
Theater

Commercial Flower Grower Networking Group Meeting | Lakeshore

Emerald Ash Borer Past, Present & Future | Mark Abrahamson | Backyard

Use of Drones in Landscape Design for Site Survey and Project Photography
Samuel Geer | Sandbox

Climbing Demo: Advanced Rigging
Rainbow Treecare | Climber's Corner

12:30 PM: **MGCSA Annual Meeting** | 101FG

1:00 PM
1:30 PM

Landscape Awards Presentations, Pt. 2
Theater

Hardscape/Landscape Contractor Netw. Group Mtg. with "Paver Pete" | Lakeshore

Woody Plant Walkabout
Doug Danielsen | Backyard

1:00 PM
2:00 PM

Fly a Drone | Samuel Geer | Sandbox

1:30 PM
3:20 PM

INTERACTIVE TRACK: Diagnosing Tree & Shrub Problems: A Stepwise Approach, Pt. 2
Tom Creswell, John Bonkowski | 101 AB

1:45 PM
2:15 PM

Landscape Awards Presentations, Pt. 3
Theater

Onboarding and Training New Staff
Joel Muller | Lakeshore

Battery Operated Outdoor Equipment
Steve Hagen | Backyard

1:30 PM: **MNRC Annual Meeting** | Room 207

2:15 PM
2:45 PM

Pruning Demo: Structural Pruning
Rainbow Treecare | Climber's Corner

Urban Tree Canopy Management Utilizing ArcGIS and Drones
Brock Eastlund | Sandbox

2:30 PM
3:00 PM

Let's Drift Apart: The Issues of Herbicide Drift & Prevention | Hannah Mathers | Theater

Not Your Father's Patio Base
Keith Ehmke | Lakeshore

Playground Safety Roundtable
Backyard

2:30 PM
3:20 PM

Pre-Game Agronomic Field Safety Assessment for Football and Soccer Fields to Reduce Player Injury
Kristina Walker | 102 ABC

A Minnesota Irrigation Contractors License? Benefit or Distraction, Part 2
Steve Hill | 102 DEF

Plants Are Back in Landscape Architecture: The Increasing Diversity of Plants in Public and Private Projects | Richard Hartlage | Aud 1

Aging, Rejuvenation and Resilience in Trees | Peter Del Tredici | Aud 2

Estimating & Bidding: What you Need to Know, Pt. 1 | "Paver Pete" Baloglou | Aud 3

Biodiversity of the Minnesota Big Woods and How Native Plants Might Be Incorporated into Golf Courses
Lee Freilich | 101 CDE

3:20 PM
4:00 PM

CLOSING KEYNOTE

The Champion's Code: Building Relationships Through Life-Lessons of Integrity and Accountability from the Sports World to the Business World
Ross Bernstein | Theater