



Peterson Farm Bros.



NEW FOR 2023! An expanded Innovation Experience focusing on labor-saving technologies



Courtenay DeHoff

www.glexpo.com



**CONNECT.
INNOVATE.
GROW.**

December 5-7, 2023 | Grand Rapids, MI

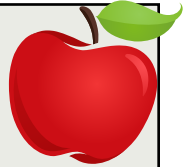
Registration opens October 15.
Early Bird registration ends November 15.

NEW THIS YEAR!

Want to see the trade show redesign, check it out at glexpo23.expofp.com. You will see an extra wide main street and cross street. You will see an Innovation Aisle plus networking area. You will see more room for the Agritourism roundtables.

What's going to be on main street: new product area, apple variety showcase, onion trials, research posters, games, places to take a break for a few minutes.

CIDER CONTEST



The cider contest will judge the best ciders produced by Michigan cider makers (only Michigan cider producers are eligible). Here are some important details for the contest:

- 🍏 To enter, cider producers must submit two 1-gallon cider jugs at the Exhibitor Registration desk in the Grand Gallery concourse in DeVos Place on Tuesday, December 5, from 9:00 a.m. to 5:00 p.m., or on Wednesday, December 6, from 9:00 a.m. to noon. No entries will be accepted after noon on Wednesday.
- 🍏 Cider samples must be thawed by 1:00 p.m. on Wednesday (this is the responsibility of each cider producer, not the contest coordinator).
- 🍏 Cider contest judging will be on Wednesday afternoon. Judging will be held in one of the upper-level Grand Gallery meeting rooms and will be open for viewing starting at 1:30 p.m.
- 🍏 The top five winners will be notified prior to the EXPO Banquet and will be provided two complimentary tickets to the EXPO Banquet.
- 🍏 Winners will be announced at the EXPO Banquet on Wednesday evening. First place receives a plaque and a traveling trophy. Second and third places receive a plaque.
- 🍏 Samples of the winning ciders will be available to taste in the Trade Show Hall at Apple Variety Showcase of DeVos Place on Thursday morning.
- 🍏 Entry forms are available in advance by contacting Derek Plotkowski, 586-337-5615, plotkow5@msu.edu.

THANK YOU SPONSORS!

AgBiome
Arlene Resource Management
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First Genesis Inc./Sunflower
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Rockford Package Supply
Syngenta Crop Protection
Tiger-Sul Products
TriEst Ag
UPL NA INC
Valent U.S.A. LLC
Vestaron
Wafler Nursery

As of September 1, 2023

TABLE OF CONTENTS

Special Events/Meetings.....	4	General Interest Education Program.....	11
Valent Tradeshow Stage and Agritourism Roundtable Discussion and Innovation Area.....	5-6	Greenhouse Education Program	14
Schedule at a Glance	7	Vegetable Education Program.....	16
Farm Marketing Education Program	8	Registration	19
Fruit Education Program	9	Trade Show Exhibitors.....	20
		Parking Information.....	22

REGISTRATION

Register online at www.glexpo.com

Registration fees cover admission to the trade show and all education sessions.

FARM MARKET BUS TOUR



Monday, December 4, 2023

It's time again for the annual Farm Market Bus Tour! This full day bus tour will be held the day before the Great Lakes Fruit, Vegetable & Farm Market EXPO. Participants will visit new markets in different areas of West Michigan. The tour is sponsored by

Fruit Growers News and Vegetable Growers News.

The Farm Market Bus Tour is a great opportunity to network with other farm marketers, while learning how some innovative farmers get their products onto the tables of consumers using creative and unique marketing strategies. There will be interactive discussions while traveling on the buses to share information, which will be moderated by Michigan State University Extension educators.

The cost of the tour is \$185 per person which includes lunch and snacks. If you register after November 15th, the cost is \$205 and subject to availability. Registration is limited. Register by using the form on the back cover or go online to register at GLEXPO.COM

Visit fruitgrowersnews.com/bustour or vegetablegrowersnews.com/bustour for more information on the tour, including descriptions of each of the host farms that will be visited. If you have any questions or need additional information on the tour email with Caroline Feehery at cfeehery@greatamericanpublish.com. Don't miss out on the great opportunity to see and learn about new possibilities for your market.

2023 ONLINE EXPERIENCE

The Expo this year will allow mobile users to see a fabulous floor plan of our trade show areas. The vendor booths will be easy to find along with vendor contact information. Visit <https://glexpo23.expofp.com/> for trade show map.

WORKSHOP AND TOUR

Greenhouse Biological Control Essentials: Setting Yourself Up For Success

Thursday, December 7, 2023

9:00am – 4:00pm

Successful pest management is an essential component of growing high-quality crops in protected environments. We are pleased to offer a one-day workshop aimed at providing beginning and advanced practitioners with the knowledge they need to develop and refine a greenhouse biological control program. This workshop places special emphasis on controlling pests in spring floriculture crops and features three guest experts in biological control: Suzanne Wainwright-Evans (Buglady Consulting), Dr. Sarah Jandricic (Ontario Ministry of Agriculture), and Dr. Steven Arthurs (BIOBEE USA). Morning classroom sessions will cover best cultural practices and key pest ID as well as some tips on taking photographs for easier pest identification. After the classroom sessions and lunch (included), we'll travel to one of Michigan's premier perennial producers, Walters Gardens, for an afternoon of live demonstrations and discussion on essential cultural practices and application techniques. Afternoon topics include cutting dips, post-delivery handling and quality checks, crop scouting, and releasing beneficial organisms. Participants will be able to ask questions of our experts throughout the day, so don't miss out! Cost \$149. Contact Jeremy Jubenville, jubenvi3@msu.edu with any questions.

GLEXPO.COM



MICHIGAN APPLE GROWERS LUNCHEON

TUESDAY, DECEMBER 5, 11:30 AM – 1:30 PM
Ambassador Ballroom, Amway Grand Plaza Hotel

This annual event is being held on the first day of the EXPO again this year. This is a free luncheon program open to all Michigan apple growers. The luncheon is sponsored by the Michigan Apple Committee and a number of industry sponsors. A featured speaker will entertain and inform those attending. This year's program also features the crowning of the 2024 Michigan Apple Queen by the reigning Michigan Apple Queen, Sylvia Freeland. There will also be industry updates from the Michigan Apple Committee and USApple during the program.

MIDWEST PICKLE ASSOCIATION AND PICKLE & PEPPER RESEARCH COMMITTEE FOR MSU

TUESDAY, DECEMBER 5, 11:00 AM – 4:00 PM
Gallery Overlook Room G-H (upper level), DeVos Place Convention Center

Members of the Midwest Pickle Association and the Pickle & Pepper Research Committee for MSU are invited to attend this special research reporting and business program. The program includes a working lunch; joint business meeting of both organizations; and cucumber research reporting by researchers from Michigan State University, University of Wisconsin, and USDA Agricultural Research Service.

MICHIGAN STATE HORTICULTURAL SOCIETY ANNUAL MEETING

TUESDAY, DECEMBER 5, 4:30 PM
Grand Gallery Room C (lower level), DeVos Place Convention Center

The annual meeting of the Michigan State Horticultural Society (MSHS) will include director elections and reports on activities. All members are welcome.

TRADE SHOW RECEPTION

**TUESDAY 4:00 PM – 5:30 PM,
WEDNESDAY 4:00 PM – 5:30 PM**

Join us in the back of the Exhibit Hall Tuesday and Wednesday for a reception with the exhibitors. Cash Bar and Light Refreshments.

PRAYER BREAKFAST

WEDNESDAY, DECEMBER 6, 7:00 AM
Imperial Ballroom, Amway Grand Plaza Hotel

Speaker: Phil Bubar

Innovate Your Mind – What you do today impacts your tomorrow

Phil Bubar was the Lead Pastor of The Chapel in St Joseph for 27 years before retiring in May. He will be joining us at the 2023 Prayer Breakfast to share from Romans 12 and the book of Philippians. Just as our farms can be transformed by careful cultivation, so too can our minds be changed by what we think and study.

MICHIGAN VEGETABLE COUNCIL ANNUAL MEETING

WEDNESDAY, DECEMBER 6, 4:30 PM – 5:30 PM
Valent Trade Show Stage, DeVos Place Convention Center

The annual meeting of the Michigan Vegetable Council (MVC) will include director elections and reports on activities. All members are welcome.

EXPO BANQUET

WEDNESDAY, DECEMBER 6, 6:30 PM
Ambassador Ballroom, Amway Grand Plaza Hotel

The banquet will feature a serving of Michigan foods and wines. The program features recognition of people for outstanding service to our fruit and vegetable industries. This year's recipients of the Fruit and Vegetable Industry Scholarships and Jordan Tatter Scholarships will be recognized as well. And the winning entries in this year's Cider Contest will be announced.

Tickets are \$50. Advance purchase through registration is recommended. A limited number of tickets will be available at registration until noon on Wednesday.

FRUIT AND VEGETABLE 40 UNDER 40 AWARDS

TUESDAY, DECEMBER 5, 4:30 PM
Valent Trade Show Stage

Hosted by Great American Media Services

TRADE SHOW

The EXPO's trade show is one of the largest shows for fruit and vegetable growers, greenhouse growers, and farm marketers in North America. Again this year, there will be an additional exhibit area featuring farm market vendors, other product vendors, and information booths, as well as an Agritourism area including live art work, a photo booth, and more! Trade show hours are 8:00 a.m. to 5:30 p.m. Tuesday and Wednesday, and 8:00 a.m. to 1:00 p.m. on Thursday. Be sure to plan enough time to see all the exhibits!

AGRITOURISM ROUNDTABLE DISCUSSIONS

Farm Market Exhibit Hall

Tuesday, December 5

Local Zoning – 11:00am – 11:45am

Employee Retention – 1:00pm – 1:45pm

Wednesday, December 6

Food and Beverage – 11:00am – 11:45am

Emergency Prep – 1:00pm – 1:45pm

VALENT TRADE SHOW STAGE

Attendees will want to make their way to the far side of the Exhibit Hall for the Valent Trade Show Stage. The Valent Trade Show Stage will host 45 minute sessions, where industry experts will be able to answer your questions.

Valent Trade Show Stage Agenda:

Trade Show Hall

TUESDAY, DECEMBER 5

9:00am – 9:45am

AgBiome

Highlight new biological fungicide, Theia fungicide

Brooke Bissinger, Theia Product Manager,

Learn the benefits and effectiveness of Theia and why you should incorporate it into your spray rotation.

Chris Heck, Nutrien

10:00am – 10:45am

Valent

Smart Tree Fruit Thinning, featuring Accede® and all Valent PGR's

Come hear from the Valent team, industry experts and growers with first-hand experience with Accede® Plant Growth Regulator as well as discussions about other PGR's in tree fruit production.

11:00am – 11:45am

Carbon Robotics

Laserweeding: The Future of Weed Control

The Carbon Robotics LaserWeeder™ implement uses precision computer vision and sophisticated AI to kill weeds with millimeter accuracy. This session will explore how this technology works and how it is being applied by real-world growers to cut weed control costs by 80%, increase yields,

and improve soil health. To date, the LaserWeeder has killed more than 2 billion weeds in 40 crops across the USA. If we can see it, we can shoot it – join us to learn how.

12:00pm – 12:45pm

First Genesis Inc.

Demystifying Plastic Packaging in the Produce Industry Jonathan Lee (Head of Business Development)

Over the past 20 years, plastic waste has been a growing concern worldwide. We have seen trends come and go on the latest "green" trend, however, it rarely relies on industry data, but the loudest media narrative. Plastic has been villainized where we are banning that bring more positives than negatives compared to sub-par "greener" alternatives. First Genesis's R&D team has opted for HDPE polymer for its' tremendous versatility and recyclability and believe it can be a solution to reshape the narrative and promote a more sustainable future.

1:00pm – 1:45pm

Tiger-Sul Products, LLC

Managing Sulphur Nutrition in Blueberry Production

Wesley Haun, Tiger-Sul Products, LLC

Sulphur nutritional requirements of blueberries and sources of sulphur. The functionality of those sources and application timing. Employing sulphur to obtain and maintain the lower soil pH levels to optimize blueberry production.

2:00pm – 2:45pm

Kemin

Kemin's new botanical oil-based biopesticides and novel plant growth technologies.

Michael Hull (Technical Services Manager)

Learn about Kemin's new botanical oil-based biopesticides and novel plant growth technologies.

4:30pm – 5:30pm

40 Under 40 Awards

Great American Media Services

Fruit + Vegetable 40 Under 40 Awards will honor 40 outstanding individuals making their marks in the industry.

WEDNESDAY, DECEMBER 6

10:00am-10:45am

Head Honchos, LLC

Todd Miller (owner/ founder) H2-A information

"What could possibly motivate someone to utilize the H2-A program?" Question and Answer session from audience with grower panel.

11:30am – 12:30pm

Peterson Farm Bros

The program includes how Peterson Farm Bros got started making videos, where all they've taken them, the power of communicating through social media, and the lessons they've learned about advocating for agriculture online.

They'll be performing several of their parody music videos throughout the presentation. Be sure to stick around for photos and autographs afterwards.

1:00pm – 1:45pm

Hectre

Five Benefits Growers and Packers Are Gaining From Early Fruit Sizing AI

Dwight Sheltroun (Regional Account Executive for East Coast North America)

AI is finding its way into the hands of growers and packers. How can we harness its power? In this presentation, Hectre, multi award-winners in the global AgTech Breakthrough Awards, will share real world case studies from growers and packers, on how early fruit sizing AI is making a difference to their businesses. From improved labor efficiencies, to reductions in packhouse downtime, join the session and gain insights from industry.

2:00pm – 2:45pm

Head Honchos, LLC

Todd Miller (owner/ founder) H2-A information

Workforce Warehouse – A new and more efficient way to EXPLORE, ENGAGE, & EMPLOY seasonal farm workers.

4:30pm – 5:30pm

Michigan Vegetable Council Annual Meeting

TRADESHOW INNOVATION NETWORKING AREA

Roundtable Discussions (Will begin on the hour, Times TBD)

- How do we determine the payback of tech investments on the farm
- Farm level production data(input\output)
- Smart spraying
- Variable-rate fertilizers
- Camera-guided cultivators
- Autonomous cultivators
- Latest Tech in Indoor Infrastructure
- Financing ideas for new technology
- Tech in the Farm Market

TRADESHOW INNOVATION NETWORKING AREA – EVENTS

Wednesday, December 6

4:00pm – 5:30pm

Meet the Buyers (Returns for 2023, Note the NEW Location)

Connecting with new buyers and markets for fruit and vegetable growers is made easier through the Meet the Buyers reception at the Great Lakes Expo. Food and drinks available.

Thursday, December 7

9:00am – 2:00pm

Ag Tech Symposium

Attention Growers and industry members! This session will feature a series of facilitated roundtable discussions to identify important innovation opportunities in the specialty agriculture industry and highlight recent technological successes. Nick Rocca (Head of Autonomy at Field-in out of Fresno, CA) will talk on where he sees

Ag Tech heading. The group is then invited to lunch and networking at The Bridge an incubator facility of the MSU Research Foundation (MSU-RF). (immediately across the street from Devos\walkable) Expo participants will then expand upon Ag Tech themes and opportunities they have identified during the Expo event.

EDUCATION PROGRAM

The following pages give you a glimpse into the extensive educational sessions available at the Great Lakes Expo.

Certification Credit

Many of the education sessions will offer credits for Michigan and Ohio Private and Commercial Pesticide Applicators and Certified Crop Advisors. Those interested in credits will fill out an online survey at the end of each session providing credits. The survey will be filled out using a personal mobile device. Thursday, December 7 M RUP Review and Testing will take place at the EXPO.

NEW THIS YEAR

A limited number of scholarships are available. The scholarship will cover the cost of registration to the EXPO. Apply as soon as possible, the deadline is November 1. The window to apply is short. In case we can not fulfill all requests, the early bird registration pricing will still be available. Each applicant must fill out a short online application. Maximum 2 allowed per business/household. If participating online is a problem, find someone to help fill one out online, or call the Expo number for help. <https://glexpo.com/programming-2023/>

PETERSON FARM BROS

The Peterson Farm Bros consist of three brothers: Greg, Nathan and Kendal. Their YouTube channel entertains and educates farmers across the country – sharing what agriculture is, does and what it looks like.



Valent Trade Show Stage

Wednesday, Dec. 6, 2023

11:30 a.m. - 12:30 p.m. EST



SCHEDULE AT A GLANCE

Farm Marketing

Tuesday 9:00am - 11:00am

Sharing Your Agriculture Story

Tuesday 2:00pm - 4:00pm

Farm Market 2 Social Media

Tuesday 5:30pm - 7:00pm

Farm Market Roundtable

Wednesday 9:00am - 11:00am

Farm Market 3 - Community Connections to Build Business

Wednesday 2:00pm - 4:00pm

Farm Market 4

Thursday 9:00am - 11:00am

Farm Market Workshop 1 - Improving Customer And Employee Experience At The Farm Through Cultural Competence

Farm Market Workshop 2 - Organizational Development and Team Building

Farm Market Workshop 3 - Making Food On The Farm

Fruit

Tuesday 9:00am - 11:00am

Berries

Grape 1

Sweet Cider

Tuesday 2:00pm - 4:00pm

Apple 1

Grape 2

Wednesday 9:00am - 11:00am

Blueberry 1

Cherries

Peach/Plum

Wednesday 2:00pm - 4:00pm

Apple 2

Blueberry 2

Cider Judging

Thursday 9:00am - 11:00am

A Whole-System Approach to Sustainable Fruit Production

Hard Cider

General

Tuesday 9:00am - 11:00am

Adoption in the Ag Tech Space
Grants and Other Government Programming

Lavender 1

Tuesday 9:00am - 12:00pm

Beginning Farmer Meet and Greet with Trade Show Tour

Tuesday 12:00pm - 1:00pm

Autism Spectrum Individuals - An Untapped Potential Employee Pool

Tuesday 1:00pm - 4:00pm

Intro to Organic Practices

Tuesday 2:00pm - 4:00pm

Enterprise Budgets for Beginning Farmers

Lavender 2

On-Farm Produce Safety

Wednesday 9:00am - 11:00am

Labor 1 - Ag Labor Policy

Emerging Technologies 1 - Digital Tools to Improve Efficiency and Decision-Making

IPM Investigator Training

Wednesday 9:00am - 12:00pm

Beginning Farmer 2

Wednesday 12:00pm - 1:00pm

Michigan Agriculture Environmental Assurance Program (MAEAP) - More than Just a Sign

Wednesday 2:00pm - 4:00pm

21st Century Tools and Tactics for Specialty Crop IPM

Emerging Technologies 2 - Improving Food System Sustainability Through Automation, Imaging and Biorefining Technologies

Labor 2 - Farming and Caring for Effective Farm Worker Teams
Irrigation

Soil Health and Cover Cropping

Thursday 9:00am - 11:00am

Agrivoltaics: Growing Crops Under And Around Solar Arrays

Biocontrol and Biopesticides
Farm Succession

Ag Tech Symposium - Technology Opportunities Discussion Session

Thursday 10:30am - 12:00pm

Organic and Small-Scale Marketing

Greenhouse

Tuesday 9:00am - 10:00am

Greenhouse Lighting During Propagation

Plants Are Experiential Goods - Ways To Increase Customer Engagement And Boost Sales

Tuesday 10:00am - 11:00am

Best-Performing Plants In The 2023 Michigan Garden Plant Tour

Sowing Your Success: Solutions For Seed

Tuesday 2:00pm - 3:00pm

Greenhouse Disease Management Update

Leveraging Native Plants To Boost Sales

Tuesday 3:00pm - 4:00pm

Achieving Plant Growth Management I - Success With PGRs

Greenhouse Events That Work: A Grower Panel

Wednesday 9:00am - 11:00am

Specialty Cut Flowers 1

Wednesday 9:00am - 10:00am

A Systems Approach To Greenhouse Biological Control

From Selection To Success: Optimizing Production With The Right Fertilizer

Wednesday 10:00am - 11:00am

A Deeper Discussion on Beneficials

Tips For Growing Foliage Plants In The North

Wednesday 2:00pm - 4:00pm

Specialty Cut Flowers 2

Latest And Greatest: MSU Floriculture Research Update

Wednesday 2:00pm - 3:00pm

Achieving Plant Growth Management II - Non-Chemical Growth Control

What's In Your Water And How To Get The Bad Stuff Out

Thursday 9:00am - 4:00pm

Greenhouse Biological Control Essentials: Setting Yourself up for Success

Vegetable

Tuesday 9:00am - 11:00am

Asparagus

Brassicas

Pickles and Vine Crops

Tuesday 2:00pm - 4:00pm

Root Vegetables

Sweet Corn

Wednesday 9:00am - 11:00am

Large Scale Organics

Onion

Tomato, Pepper, Eggplant

Wednesday 2:00pm - 4:00pm

Celery

Potato

Thursday 9:00am - 10:30am

Organic Vegetable Production

FARM MARKET

Tuesday

9:00am - 11:00am

Farm Market Keynote- Sharing Your Agricultural Story

Courtenay DeHoff - Fancy Lady Cowgirl

2:00pm - 4:00pm

Farm Market 2 Marketing/Social media

Courtenay DeHoff - Fancy Lady Cowgirl

5:30pm - 7:00pm

Farm Market Roundtable

Wednesday

9:00am - 11:00am

Farm Market 3 - Community Connections to Build Business

Community, Culture And Cuisine: Lessons From Rural Tourism In France

Dr. Wynne Wright - Michigan State University

Community Engagement Panel

Regina Hamlett - Hamlett Lavender Farm

Kim Overhiser - A.W. Overhiser Orchards

Allan Robinette - Robinette's Apple Haus & Winery

2:00pm - 4:00pm

Farm Market 4

Navigating Insurance and Liability For Your Agritourism Farm

Alex Erickson - Farm Bureau Insurance

Behind The Scenes of the Peterson Farm Bros

Gregory Peterson - Peterson Farm Bros

Thursday

9:00am - 11:00am

Farm Market Workshop 1 - Improving Customer And Employee Experience At The Farm Through Cultural Competence

Agriculture In The Community In Detroit: Urban Farming At The Detroit Partnership For Learning And Innovation And Experiences At Eastern Market

Naim Edwards - Michigan State University Extension

Stathis Pauls - Michigan State University Extension

A Cross-Cultural Approach To Working With Foreign Labor On Farms In Michigan

Ginger Vallejo - Michigan Department of Labor and Economic Opportunity

Kevin Benson - Michigan Department of Labor and Economic Opportunity

Experiences In Cultural Competence At Piggott's Farm Market & Bakery

George McManus - Piggott's Farm Market and Bakery

9:00am - 11:00am

Farm Market Workshop 2 - Organizational Development and Team Building

Teamwork - The Secret Ingredient Is Overcoming Fear

Lee West - Lee West Consulting

9:00am - 11:00am

Farm Market Workshop 3 - Making Food on the Farm

Farm To Fork: Increasing Access To Nutritious Food

Vicki Zilke - Zilke Vegetable Farm

Pizza Farming And Other Value Added Adventures At New City Farm

Lance Kraai - New City Neighbors

Great Expectations In Pies

Steve Bogash - ProFarm

RAFFLE

WIN A
\$3,000
CARIBBEAN
CRUISE

INCLUDES AIRFARE
AND CRUISE
WINNER SELECTS CRUISE DATE

\$10 A TICKET
BUY TICKETS AT MSHS BOOTH IN GRAND GALLERY
DRAWING HELD THURSDAY DECEMBER 7, 2023

Michigan State
HORTICULTURAL
Society

FRUIT

Tuesday

9:00am - 11:00am

Berries

Calcium Application In Raspberries

Lisa DeVetter - Washington State University

Chemical Management Strategies For The Most Common Strawberry And Raspberry Diseases In Michigan

Timothy Miles - Michigan State University

Biological Control Of Cranberry Lepidopteran Pests With Trichogramma Egg Parasitoids

Didier Labarre - Quebec Cranberry Growers Association

Stop Busting My Berries! SWD Management In Raspberries

Heather Leach - Michigan State University

9:00am - 11:00am

Grape 1

Protecting Berries Against Insect Pests, From Bloom To Harvest

Rufus Isaacs - Michigan State University

Disease Management Strategies For Grape Production In Michigan: Current Challenges And Best Practices

Timothy Miles - Michigan State University

Elevating Sustainability In Grape Cultivation: Integrating Biochar For Enhanced Agroecological Practices

Brook Wilke - Kellogg Biological Station

Michael Person - Kellogg Biological Station

9:00am - 11:00am

Sweet Cider

MDARD Cider Mill Inspection Report 2023

Kevin Halfmann - Michigan Department of Agriculture and Rural Development

Food Safety Principles In Cider And Novel Juice Processing Technology

Randy Worobo - Cornell University

Growing And Using Red Fleshed Apples For Sweet Cider

Steve Vannocker - Michigan State University

Added Value Sweet Ciders At J&H Fleming Farms: Red-Fleshed And Antique Apples

Jason Fleming - J&H Fleming Farms

2:00pm - 4:00pm

Apple 1

From The Ground Up: Root Fundamentals For Water And Nutrient Uptake

David Eissenstat - Pennsylvania State University

Understanding Tree Water Relations And Irrigation Scheduling

Alan Lakso - Cornell University

Irrigating Your Orchard With Irrigation Scheduling Tools
Younsuk Dong - Michigan State University

Panel Discussion

2:00pm - 4:00pm

Grape 2

Influence Of Canopy Architecture And Fruit Microclimate On Flavonoid Accumulation And Antioxidant Capacity In Merlot (Vitis Vinifera L.) Berry Components

Paolo Sabbatini - MSU Department of Horticulture

Advancing The Clean Plant Program For Enhanced Grapevine Seedling Standards

Tefera Mekuria - Wonderful laboratories

Shielding Our Vineyards: Strategies For Frost Protection

Cain Hickey - Penn State University

Wednesday

9:00am - 11:00am

Blueberry 1

Biological Control Of Key Blueberry Insect Pests With Egg-Parasitoids And Entomopathogenic Nematodes

Carlos Garcia-Salazar - Michigan State University

Biology And Management Of Secondary Insect Pests Of Blueberries In Southeastern USA

Ashfaq Sial - University of Georgia

Growing Blueberries In High Tunnels: Challenges And Opportunities

Mike DeGrandchamp - DeGrandchamp Farms

Enviroweather Project Updates

Keith Mason - Michigan State University

9:00am - 11:00am

Cherries

SWD Biological Control With Parasitoids In Michigan: Current And Future Prospects

Julianna Wilson - Michigan State University

Effects Of Netting On Bird Damage And Fruit Quality In Sweet Cherries

Catherine Lindell - Michigan State University

Tart Cherry Economics Discussion

Curtis Rowley - Cherry Industry Administrative Board

High Density Sweet Cherries: Grower Panel

Mark Schiller - King Orchards

Justin Finkler - Riveridge Produce Marketing, Inc.

Isaiah Wunsch - Third Coast Fruits/Wunsch Farms

FRUIT

9:00am - 11:00am

Peach/Plum

Alternatives To Chlorpyrifos For Control Of Borers And Other Stone Fruit Pests

John Wise - Michigan State University

Current Fungicides For Brown Rot Management

George Sundin - Michigan State University

Prolonging the Use Of Single-Site Fungicides For The Management Of Stone Fruit Diseases

Sara Villani - North Carolina State University

2:00pm - 4:00pm

Apple 2

Apple Disease Management Update For 2024: What Odd Weather Patterns In 2023 Are Reminding Us About Pathogens And Diseases

George Sundin - Michigan State University

What's Bugging Apples: San Jose Scale, Borers, Codling Moth And More

Juliana Wilson - Michigan State University

Identification And Management Of Summer Diseases

Sara Villani - North Carolina State University

Rainfastness Of Fungicides For Disease Control In Apples

Dalton Miller - Michigan State University

2:00pm - 4:00pm

Blueberry 2

Organic Nitrogen Sources In Blueberries

Lisa Wasko DeVetter - Washington State University

Blueberry Flavor And Harvest Management

Josh Vander Weide - Michigan State University

Protecting Blueberry Yields By Ensuring Reliable Pollination

Lauren Goldstein - Michigan State University

Blueberry Irrigation

Cheyenne Sloan - Michigan State University
Extension

2:00pm - 4:00pm

Cider Judging

Derek Plotkowski - Michigan State University
Extension

Thursday

9:00am - 11:00am

A Whole-System Approach to Sustainable Fruit Production

Root-Microbe Interactions In Grape And Spatial Variation Of The Microbiome

David Eissenstat - Pennsylvania State University

Biocontrol Fundamentals And How To Use Them Effectively

Jackie Perkins - Michigan State University

Using Models To Drive Decision-Making In Perennial Systems

Daniel Uyeh - Michigan State University

Panel Discussion

Mix of presenters, and industry partners

9:00am - 11:00am

Hard Cider

Microbiological, Sanitation, And Processing Recommendations To Improve Hard Cider Quality

Randy Worobo - Cornell University

Making The Most Of Your MCA Membership

Paula Englin - Michigan Cider Association

Find The Balance Between Distribution And On-Premise Sales

Dede Beck - Uncle John's Cider Mill

Michigan Cider Association's Specialty Block Grant Update

Paula Englin - Michigan Cider Association

GENERAL INTEREST

Tuesday

9:00am - 11:00am

Adoption in the Ag Tech Space

Adoption Of Cultivators

Sam Oschwald Tilton - Sam Oschwald Tilton

The following companies will talk about the adoption of their latest technology:

Sun Sugar Farms (produce container folding robot)

Carbon Robotics (laser weeder)

FloraPulse (water sensors)

Farm-ng (Amiga all-electric micro-tractor)

Aoption Of A Direct In-Plant Water Measurement Device For Precise Irrigation Management

Alan Lakso - Cornell University

9:00am - 11:00am

Grants and Other Government Programming

MDARD Grants

Amy Bearss - Michigan Department of Agriculture and Rural Development

Agricultural Preservation And Its Financial Benefits

Matthew Channing - Kent County

USDA-NRCS and FSA Programs

9:00am - 11:00am

Lavender 1

The Lavender Life Cycle

Joanne Voelcker - Mt Airy Lavender

9:00am - 12:00pm

Beginning Farmer Meet and Greet With Trade Show Tour

Meet Service Providers And Chat With Them

Meet And Greet Fellow Beginning Farmers And Others

Tour Of Trade Show With A Focus On What Can Be Useful To A Beginning Farmer

12:00pm - 1:00pm

Autism Spectrum Individuals - An Untapped Potential Employee Pool

Carolynne VanderVeen - Easterseals MORC

1:00pm - 4:00pm

Intro to Organic Practices

Not So Scary- Organic Certification And Inspection

Dan Rossman - Rossman Farms

Becoming Your Own Plant Detective-How To Identify The Critters

Steve Bogash - ProFarm

Go Green Go White, Lets Get The Cover Crop Right!

Ajay Nair - Iowa State University

Farmer Discussion-Bring Your Questions And Sharings

2:00pm - 4:00pm

Enterprise Budgets for Beginning Farmers

Enterprise Budgets For Beginning Farmers

Steve Whittington - Michigan State University Extension

Jon LaPorte - Michigan State University Extension

2:00pm - 4:00pm

On-Farm Produce Safety

The Finer Points Of Cleaning And Sanitizing

Dave Gambrall - Remco Products

Listeria In Cold Storage: Where Is It And How Can We Get Rid Of It?

Teresa Bergholtz - Michigan State University

Unique Risks of Hydroponic and Indoor Agriculture

Joe Smith - Michigan Department of Agriculture and Rural Development

Estimating Risk of Contamination By Irrigation Water For Use On Produce Fields

Phil Tocco - Michigan State University

2:00pm - 4:00pm

Lavender 2

Growing Your Lavender Farm Into A Business

Jonathan LaPorte - Michigan State University Extension

Pathways For Converting Lavender Into Income

Bill Mansfield - Lavender Hill Farm

Tricia Wilson - Dollie's Farm

Trish Dennis - Indigo Lavender Farms

Group Break Outs To Discuss, Distillation, Agritourism And/Or Retail Farm Store

Kim Benz - Onederings Lavender Farm

Wednesday

9:00am - 11:00am

Labor 1 - Ag Labor Policy

Ag Labor Market And Policy Overview

Margaret Jodlowski - Ohio State University

Zach Rutledge - Michigan State University

H-2A Visa Program

Brian Pasternak - US Department of Labor

Sarah Black - Great Lakes Ag Labor Services

Labor Policy And Foreign Program Panel

Michael Lalich - Low Country Labor Company

Bradley Lapchak - US Department of Labor

GENERAL INTEREST

9:00am - 11:00am

Emerging Technologies 1 – Digital Tools to Improve Efficiency and Decision-Making

Introducing The GLEXPo Emerging Technology Series – The Next Era Of Agtech Innovation

Joe Affholter – Michigan State University Technologies

Julia Miller – Michigan State University Technologies

Emerging Tools For Field-Based Moisture Sensing And Irrigation Decision-Making

Younsuk Dong – Michigan State University

Retrofitting Solar Microinverter To Irrigation Pump For Improving Water And Energy Use Efficiency

Woongkul Lee – Michigan State University

Emerging Spray Application Tools for Improved Tree/Bush Fruit Production: SSCDS and Cooperative Development of the Z-system

Mark Ledebuhr – Application Insight LLC

SustainableAg.msu.edu: A Digital Tool for Helping Growers

Karen Chou – Institute for Integrative Toxicology (MSU)

Development of High-Density Environmental Monitoring and Precision Irrigation Tools for Vineyard and Orchard Applications

Mark Burns – University of Michigan

David Block – University of California – Davis

9:00am - 11:00am

IPM Investigator Training

Becoming An IPM Investigator

Erin Lizotte – Michigan State University Extension

Forensic Tools For Solving Ipm Mysteries

Laura Miles – Michigan State University

Preserving The Evidence: Tips And Tricks To Avoid Sampling Pitfalls

Erin Hill – Michigan State University

IPM Mystery Case Studies

Jan Byrne – Michigan State University

9:00am - 12:00pm

Beginning Farmer 2

Finding The Land

Katie Brandt – Michigan State University

Assessing Your Soil Now And Later

Christine Curell – Michigan State University Extension

Farm Recordkeeping A To Z

Florencia Colella – Michigan State University Extension

Produce Safety-How It Can Impact Your Farm Business

Mariel Borgman – Michigan State University Extension

12:00pm - 1:00pm

Michigan Agriculture Environmental Assurance Program (MAEAP) – More than Just a Sign

2:00pm - 4:00pm

21st Century Tools and Tactics for Specialty Crop IPM

Biopesticides In 21st Century Fruit Crop IPM

John Wise – Michigan State University

Biorational Materials And Programs For Apple Bitter Rot And Fire Blight Of Apple And Pear

Srdjan Acimovic – Virginia Tech University

Advancements In The Use Of Beneficial Nematodes To Control Borers In Orchard Crops

David Shapiro-Ilan – USDA-ARS, SEA

Fire Blight Disease Management Through Manipulating Plant Defense Responses

George Sundin – Michigan State University

2:00pm - 4:00pm

Emerging Technologies 2 – Improving Food System Sustainability Through Automation, Imaging and Biorefining Technologies

Digital Systems To Enhance The Sustainability Of Agriculture And Food Systems

Bruno Basso – Michigan State University

Development Of A Multi-Arm Robotic Apple Harvesting System

Zhaojian Li – Michigan State University, Mechanical Engineering

Electronic Skin For Safe Robotic Harvesting And Handling Of Fruits And Vegetables

Xiaobo Tan – Michigan State University

An End-To-End Biorefinery Platform To Valorize Food Process Wastes: The Case Of Cherry Pits

Bahar Aliakbarian – The Axia Institute and MSU Biosystems & Agricultural Engineering

Supporting Ag Tech Innovation – How to connect with MSU

Julia Miller – Michigan State University Technologies

Tom Herlache – Michigan State University Technologies

GENERAL INTEREST

2:00pm - 4:00pm

Labor 2 - Forming and Caring for Effective Farm Worker Teams

Organizational Development Tips From The Vegetable Field

Lee West - RD4AG

Creating And Managing An Effective Farm Team

Alexandra Hill - University of California, Berkeley

Forming And Caring For Diverse And Effective Farm Worker Teams Panel

Ellen Baron - Correctional Education and Workforce Development Center

Mary Taylor - Correctional Education and Workforce Development Center

Kara Moberg - Farmworker Legal Services

Karrie Brown - West Michigan Works!

Remington Rice - Michigan State University

Lauren Kennedy - Michigan State University

Tanner Derror - Michigan State University

Misty Oebel - Michigan State University

2:00pm - 4:00pm

Irrigation

Water Policy: Current Trends And Considerations For The Great Lakes And Beyond

Molly Sears - Michigan State University

Water Source Is The Heart Of The Irrigation System

Lyndon Kelley - Michigan State University

Importance Of Evaluating Irrigation System Uniformity

Younsuk Dong - Michigan State University

Principles Of Filtration In Irrigation

Aviv Vered - Amiad Water System

2:00pm - 4:00pm

Soil Health and Cover Cropping

Soil Health And Cover Crop Mixture Performance On Michigan Farms

Jennifer Blesh - University of Michigan

20 Years Of Cover Crop Research In Vegetables

Gordon Johnson - University of Delaware

On-Farm Soil Health Assessment And Economics Of Cover Crops

Elizabeth Rieke - Soil Health Institute

Manure Management And Soil Health

Melissa Wilson - University of Minnesota

Thursday

9:00am - 11:00am

Agrivoltaics: Growing Crops Under And Around Solar Arrays

Utilizing Land For More Than Harvesting Solar Energy
Charles Gould - Michigan State University Extension

Grower Experience: Specialty Crop Production Under And Around Solar Arrays

Joe Czajkowski - Lakeside Organic of Hadley LLC and Joe Czajkowski Farm LLC

Jake Marley - Hyperion Systems, LLC

On-Farm Power Production And Use Increases Farm Profitability

Jon LaPorte - Michigan State University Extension

Funding Your On-Farm Solar Project

Rick VanderBeek - U.S. Department of Agriculture Rural Development

9:00am - 11:00am

Biocontrol and Biopesticides

Trends, Strategies And A Look At The Future In Biopesticides

Steve West - RD4AG

Case Studies Of Successful Biocontrol

Pete Miller - Koppert

9:00am - 11:00am

Farm Succession

Succession Planning 201: Trusts, Business Structures, And Other Transfer Methods

Corey Clark - Michigan State University Extension
Chris Bardenhagen - Michigan State University Extension

Bruce Klamer - V & W Farms

Oliver Scott - V & W Farms

9:00am-2:00pm

Ag Tech Symposium - Technology Opportunities Discussion Session - See Page6 for more details

10:30am - 12:00pm

Organic and Small-Scale Marketing

U-Pick Marketing For Community Connections

Kim Beyer - Slow Farm

Funding Community Connections For Farm Non-Profits

Julius Buzzard - Growing Hope

Egypt Krohn - Allen Neighborhood Center

GREENHOUSE

Tuesday

9:00am - 10:00am

Greenhouse Lighting During Propagation

Erik Runkle - Michigan State University Extension
Roberto Lopez - Michigan State University Extension

9:00am - 10:00am

Plants Are Experiential Goods - Ways To Increase Customer Engagement And Boost Sales

Alicia Rihn - University of Tennessee

10:00am - 11:00am

Best-Performing Plants In The 2023 Michigan Garden Plant Tour

Andrew Jager - Walters Gardens
Brian Weesies - Mast Young Plants
Craig Stevens - DGI Propagators

10:00am - 11:00am

Sowing Your Success: Solutions For Seed

Dylan Sedmak - Pan American Seed

2:00pm - 3:00pm

Greenhouse Disease Management Update

Mary Hausbeck - Michigan State University

2:00pm - 3:00pm

Leveraging Native Plants To Boost Sales

Alicia Rihn - University of Tennessee

3:00pm - 4:00pm

Achieving Plant Growth Management I - Success With PGRs

Jamie Gibson - Syngenta Flowers

3:00pm - 4:00pm

Greenhouse Events That Work: A Grower Panel

Wednesday

9:00am - 11:00am

Specialty Cut Flowers 1

Producing High-Quality Anemone And Ranunculus In Michigan

Lindsay Daschner - Forget Me Not Farms

Recruiting And Retaining Workers From Select Sources Of The Local Labor Market

Lindsay Daschner - Forget Me Not Farms
Nikki Deming - Kalamazoo Specialty Plants

9:00am - 10:00am

A Systems Approach To Greenhouse Biological Control

Sarah Jandricic - Ontario Ministry of Agriculture, Food, and Rural Affairs

9:00am - 10:00am

From Selection To Success: Optimizing Production With The Right Fertilizer

Jaden Gimondo - Michigan State University Extension

10:00am - 11:00am

A Deeper Discussion On Beneficials

Suzanne Wainwright-Evans - Buglady Consulting

10:00am - 11:00am

Tips For Growing Foliage Plants In The North

Roberto Lopez - Michigan State University Extension
Jonah Brown - Danziger

2:00pm - 4:00pm

Specialty Cut Flowers 2

Weed Management Recommendations For Specialty Cut Flower Production

Debalina Saha - Michigan State University
Manjot Sidhu - Michigan State University

The Ins And Outs Of Cooperatives And Collectives

Bill Knudson - Michigan State University
Alex Cacciari - Michigan Flower Growers Cooperative
Josephine Brown - Michigan Flower Barn
Kelly Lewis - West Michigan Flower Market Collective, Creekside Growers

2:00pm - 4:00pm

Latest And Greatest: Michigan State University Floriculture Research Update

Roberto Lopez - Michigan State University Extension
Zachariah Rutledge - Michigan State University
Heidi Lindberg - Michigan State University Extension

2:00pm - 3:00pm

Achieving Plant Growth Management II - Non-Chemical Growth Control

Jamie Gibson - Syngenta Flowers

3:00pm - 4:00pm

What's In Your Water And How To Get The Bad Stuff Out

Tom Fernandez - Michigan State University

GREENHOUSE

Thursday

9:00am - 4:00pm

Workshop and Tour, Greenhouse Biological Control Essentials: Setting Yourself Up For Success - see page 3 for more details

Suzanne Wainwright-Evans - Buglady Consulting
Sarah Jandricic - Ontario Ministry of Agriculture
Steven Arthurs - Biobee USA

CULTIVATE MICHIGAN MEET THE BUYERS EVENT

Wednesday December 6th 4:00-5:30pm

Location: Trade Show Networking Area

Bringing back the Meet the Buyers event for 2023 GL Expo. This event is an opportunity for Expo attendees to connect with buyers from the Great Lakes Region, including institutional food service buyers, to network, build relationships and better understand which products these buyers seek. The event will also include a resource area where attendees can learn more about current and new opportunities through USDA and state funded programs that will support farmers in growing their businesses, selling products locally, and/or connecting with new customers.

Michigan Farm to Institution Network
Michigan Food and Farming Systems
Michigan Department of Education

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- Medium-early maturity
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Hyrid Onion Ridgline

- Medium-early maturity
- Hard bulbs with attractive skin
- Potential to produce Jumbo bulbs
- Adapts well for transplant or direct seeding

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VEGETABLE

Tuesday

9:00am - 11:00am

Asparagus

Managing Asparagus Beetle During And After Harvest

Laura Marmolejo - Michigan State University
Zsofia Szendrei - Michigan State University

Irrigation And Calcium Effects On Asparagus Yield And Quality

Zack Hayden - Michigan State University

Purple Spot Control In Asparagus

John Spafford - Michigan State University
Mary Hausbeck - Michigan State University

Progress Towards On-Demand Asparagus Disease Weather

Younsuk Dong - Michigan State University
Ben Werling - Michigan State University

9:00am - 11:00am

Brassicac

Developing Novel Biologically-Based Management Strategies For The Diamondback Moth In Brassica Crops

Tom Bilbo - Clemson University

Ctrl-Alt-Delete: A Comprehensive Management Tool Kit For Alternaria In Broccoli

Bhabesh Dutta - University of Georgia

Fighting A Formidable Foe: Options For Managing Flea Beetle In Greens

Ashley Leach - Ohio State University

Striving To Eliminate Hand Weeding With Strategic Herbicide Use In Cabbage

Christy Hoeping - Cornell Cooperative Extension

9:00am - 11:00am

Pickles and Vine Crops

Trade-Offs And Winning Scenarios: IPM In Cucurbit Production

Ashley Leach - The Ohio State University

Factors Affecting Fruit Set In Vine Crops

Gordon Johnson - University of Delaware

Cucurbit Weed Research And Herbicide Updates

Stephen Meyers - Purdue University

Disease Update

Mary Hausbeck - Michigan State University

2:00pm - 4:00pm

Root Vegetables

The Wisconsin Experience Controlling Weeds In Carrots Without Linuron

Jed Colqhoun - University of Wisconsin

Root Rots In Root Crops And Rotational Cover Crops

Ethan Tippet - Michigan State University
Mary Hausbeck - Michigan State University

The Legion Of Root Lesion Nematodes In Carrots

Marisol Quintanilla-Tornel - Michigan State University
Elisabeth Darling - Michigan State University

What We've Learned About Cabbage Maggot After Two Years Without Lorsban

Ben Werling - Michigan State University
Zsofia Szendrei - Michigan State University

2:00pm - 4:00pm

Sweet Corn

Sweet Corn Herbicides - Research And Updates

Stephen Meyers - Purdue University

Stress Effects On Sweet Corn

Gordon Johnson - University of Delaware

Insect Management Technologies: Trapview Ai And Bt Update

Jim Jasinski - The Ohio State University

Evaluating The Potential Benefits And Sustainability Of A Novel Living And Dead Cover Crop Mixture In Sweet Corn

Veronica Yurchak - University of Maryland

Wednesday

9:00am - 11:00am

Large Scale Organics

Larger-Scale Organic Pest Management: Ideas And Considerations As Technology And Markets Evolve

Steve West - RD4AG

Expanding Organic Weed Control Options With Electrical Weeding

Chris Galbraith - Michigan State University Extension

Manure As A Nutrient Source In Organics

Melissa Wilson - University of Minnesota

9:00am - 11:00am

Onion

Navigating Eastern US Onion Markets

Doug Bulgrin - Gumz Farms

"Stop The Rot Project": A National Effort To Reduce Losses Due To Onion Bacterial Diseases

Bhabesh Dutta - University of Georgia

Sources Of Stemphylium In Michigan Onions

Mary Hausbeck - Michigan State University

Abdelrazek Abdelrhim - Michigan State University

Mulches And Insecticides For Onion Thrips Control

Natalie Constancio - Michigan State University

Zsofia Szendrei - Michigan State University

White Champion in Onion

Sushila Chaudhari - FMC Ag US

VEGETABLE

9:00am - 11:00am

Tomato, Pepper, Eggplant

Spidermite Biology And Management
Tom Bilbo - Clemson University

All The Small Stuff: Pest Management In Pepper Production
Ashley Leach - The Ohio State University

Growing The Highest Quality Tomatoes
Steve Bogash - ProFarm

Bell Peppers: Ideas On How To Get The Most Out Of An Expensive Crop
Steve West - RD4AG

2:00pm - 4:00pm

Potato

Getting In The Weeds About Weed Control In Potatoes
Erin Burns - Michigan State University Extension

Colorado Potato Beetle Management
Zsafia Szendrei - Michigan State University

Potato Early Die Management
Marisol Quintanilla-Tornel - Michigan State University

Managing Diseases For Growth And Storage Of Healthy Potatoes
Jamie Wilbur - Michigan State University

Thursday

2:00pm - 4:00pm

Celery

Celery Plant Death And Stemphylium
Mary Hausbeck - Michigan State University

Cover Crops And Remote Sensing For Celery Fertility Management
Zack Hayden - Michigan State University

Carrot Weevil Control In Michigan Celery
Elizabeth Long - Purdue University

Celery Weed Control Research Update
Sushila Chaudhari - FMC Ag USA

9:00am - 10:30am

Organic Vegetable Production

What The Farm Bill Offers Organic Farmers
Ben Belkholm - USDA- Lansing

Integration Of Summer Cover Crops In Vegetable Cropping Systems
Ajay Nair - Iowa State University

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Great Lakes EXPO

December 5-7, 2023

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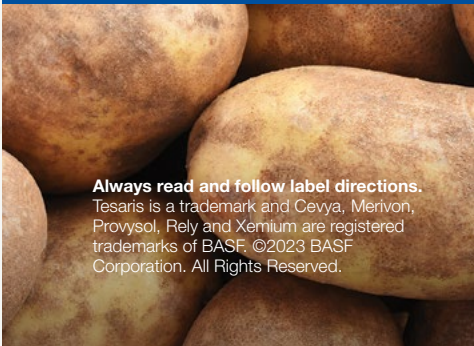
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REGISTRATION, LODGING

Pre-register for the EXPO

Register Online at <https://glexpo.com/gl-expo-registration/>

One registration fee covers admission to the trade show and all education sessions offered by both conferences. You can register by using the form on the back cover, the link above, or the REGISTRATION menu at GLEXP.COM. The same form registers you for the Great Lakes Fruit, Vegetable and Farm Market EXPO and the Michigan Greenhouse Growers EXPO.

See the registration form on the back cover for registration fees. The regular registration fees include free subscriptions to the publications listed on the back of the registration form. The fruit, vegetable and fruit/vegetable options under the regular registration fees also include membership in the Michigan State Horticultural Society and/or the Michigan Vegetable Council.

Pre-register by November 15, 2023 for lower registration fees and to save time when you arrive at the EXPO. You save \$20 on regular registration fees and \$5 on Thursday Only fees if you register by November 15, 2023. Pre-registration also assures you can purchase tickets for the special events you want to attend.

If you pre-register by November 15, 2023, your receipt, name badge, and any special event tickets you order will be mailed to you prior to the EXPO. When you arrive in Grand Rapids, visit the Pre-Registration table in the Grand Gallery to skip the lines by picking up your badge holder and program and go directly to the trade show or education sessions.

Register at the EXPO

For the convenience of those arriving in Grand Rapids the day before the EXPO opens, **early registration will be open on Monday, December 4 from 4 p.m. to 6 p.m. During the EXPO, registration will open at 7:30 a.m. each day.** Registration will be open until 5 p.m. on Tuesday and Wednesday and until noon on Thursday. The registration area will be located in the Grand Gallery of DeVos Place Convention Center. The entrance to DeVos Place is on Monroe Street. The enclosed walkway from the Amway Grand Plaza Hotel can also be used to enter the convention center.

Special Thursday Registration Fee

A special registration fee is available for admission to the trade show and education sessions on Thursday. The fee is \$60 for pre-registration and \$65 for registration at the EXPO. This special registration fee is good for Thursday ONLY. If you pre-register at the reduced rate and decide to attend on Tuesday or Wednesday, you will have to pay the regular onsite registration fee. The trade show will be open from 8 a.m. to 1 p.m. on Thursday. A Thursday-only registration does not include the free subscription offers that are included with the regular registration fees. It also does not include membership in the Michigan State Horticultural Society or the Michigan Vegetable Council.

LODGING

Amway Hotel Collection

We recommend the hotels of the Amway Hotel Collection for your lodging needs. Unfortunately, most of our room blocks at these hotels were sold out before this brochure went to press. We book nearly all the rooms in the Amway Grand Plaza and have large room blocks in the Courtyard by Marriott Downtown and the JW Marriott. For the dates that are sold out, these hotels may have a limited number of rooms available at their standard rates.

To check online for the availability of rooms at convention rates in the Amway Hotel Collection, use the link on the EXPO's website to their Passkey website. Here's information on convention room rates for the hotels of the Amway Hotel Collection (mention group code GREAT LAKES EXPO):

Amway Grand Plaza Hotel (connects to DeVos Place Convention Center through an enclosed walkway); 187 Monroe Avenue NW (auto lobby entrance is on Pearl Street), Grand Rapids 49503; 800-253-3590, 616-774-2000 convention room rate is \$138+ complimentary self parking

Courtyard by Marriott Downtown (connects to the Amway Grand Plaza Hotel through an enclosed walkway); 11 Monroe Avenue NW, Grand Rapids 49503; 877-901-6632, 616-242-6000; convention room rates are \$140 for up to four persons, with a \$10 daily charge for self-parking.

JW Marriott (across the street from the Amway Grand Plaza Hotel); 235 Louis Street NW, Grand Rapids 49503; 877-901-6632, 616-242-1500; convention room rate is \$204 for up to four persons, with a \$10 daily charge for self-parking.

ROOM CANCELLATIONS AT THE AMWAY GRAND PLAZA HOTEL, COURTYARD BY MARRIOTT AND JW MARRIOTT:

These hotels will charge one night's lodging for each room canceled after November 16, 2023. Note that some additional rooms at convention rates might become available around the deadline for room cancellations.

RESERVATIONS THAT INCLUDE TUESDAY EVENING WILL REQUIRE A TWO-NIGHT MINIMUM STAY.

OTHER HOTELS OFFERING CONVENTION RATES

(mention group code **GREAT LAKES EXPO**)

Holiday Inn Downtown (about three blocks west of DeVos Place Convention Center); 310 Pearl Street NW, Grand Rapids 49504, 616-235-7611; convention room rates are \$139+ for a standard double/double room and \$160 for a feature double/double room (make reservation by November 22).

Hyatt Place Grand Rapids 140 Ottawa Ave NW, Grand Rapids 49503. 616-984-1200. Convention rates are \$160. Reserve by November 5, 2023 for the discounted rate.

FOR A COMPLETE LIST OF AREA HOTELS, CALL EXPERIENCE GRAND RAPIDS AT 800-678-9859 OR VISIT EXPERIENCEGR.COM.

IMPORTANT: It has come to our attention that a company is inaccurately representing itself as the Great Lakes EXPO's "housing vendor" and is contacting Great Lakes EXPO exhibitors and attendees, offering to make hotel reservations on your behalf in the EXPO's room block.

The Great Lakes EXPO is NOT utilizing the services of ANY housing vendor. Do not make your hotel reservations through any outside entity. If you provide your credit card information to any of these unauthorized vendors, your card may be charged but you may not have a reservation when you arrive in Grand Rapids.

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 Agricultural Preservation of Kent & Ottawa Counties
 Agri Spray Drones
 AGRO-100 Global Inc.
 AgroFresh Solutions
 Agro-K Corporation
 AgroLiquid
 AIM4G, LLC
 Albuna Plant Farm
 Allthread Ink
 Al-Par Peat Co.
 Alta Material Handling
 A.M.A. Horticulture Inc.
 American Farm Bureau Foundation for Agriculture
 American Takii, Inc
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 Decade Products
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 Dillman Farm
 Discount Bakery Equipment
 Durand-Wayland
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 Farmco Distributing Inc.
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 Filler Specialties
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 First Genesis Inc. / Sunflower
 Fish Head Farms
 FlexPackPRO
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 FMW Sprayers
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 Fresh QC / Virtualone Software
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 GDS Associates, Inc.
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 Great American Media Services
 Great Lakes Ag Irrigation
 Great Lakes Ag Labor Services
 Great Lakes IPM
 Greenleaf Technologies
 GreenMark Equipment
 GreenStar Cooperative
 GreenStone Farm Credit Services
 Growers Mineral, Corp.
 Growtec Solutions Inc.
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 Hollar Seeds
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 Huron Fruit Systems
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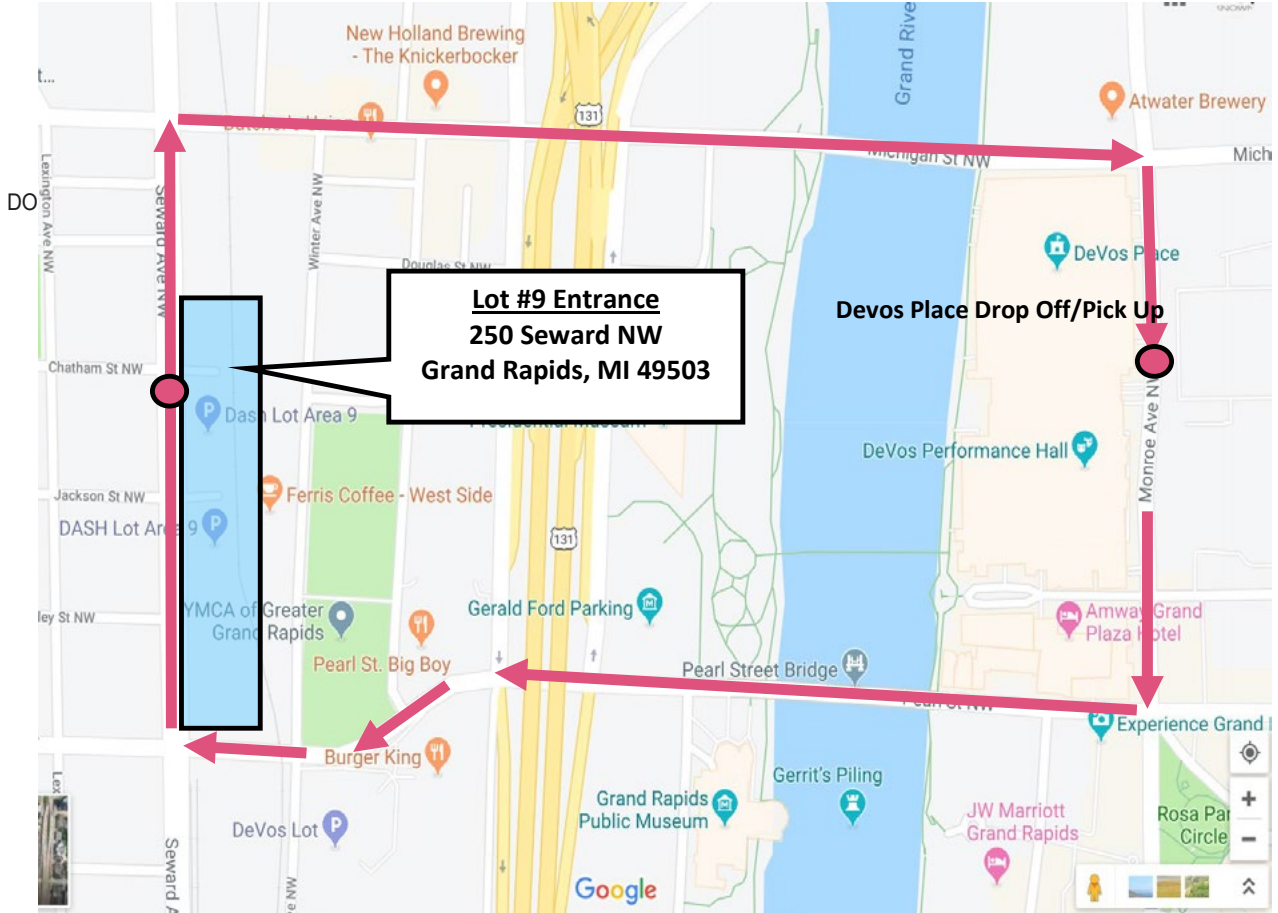
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MDARD'S Pesticide & Plant Pest Management Division
Michigan Farm Bureau
Michigan Fitness Foundation
Michigan Greenhouse Growers Council
Michigan On-Farm Produce Safety
Michigan State Horticultural Society Trust
Michigan Valley Irrigation
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MSU Extension Bulletins
MSU Research Foundation
NAFDMA International Agritourism Association
National MarketMaker Network
Nevill Supply Inc.
Nichino America, Inc.
Nine Pin Ciderworks
- Nourse Farms, Inc.**
Nova Terra Energy
NutriAg Ltd
Nutrien Ag Solutions
OEFFA
OESCO, Inc.
Orchard-Rite/Superior Wind Machine
Osborne Seed Company
Oxbo International Corp.
Pace International
Packaging Corp. Of America
Packaging Personified, Inc.
PanAmerican Seed
Paul Boers Manufacturing
Peach Ridge Orchard Supply, Inc.
Phil Brown Welding Corp.
Plant Products – A Member of Biobest Group
PolyExpert
Powerlift Hydraulic Doors of Michigan
Precise Manufacturing
Precision Mazes
Precision Planting
Profarm Group
Pro-Motion Industries, LLC
Provide Agro/N.M. Bartlett Inc.
Putnam Plastics – Farm Products
Quest Products LLC
Reeman Farm Equipment
Reister's Grower Services
R.H. Wiles Sales, Inc.
Ridge Automation LLC
Rimol Greenhouses
Rispens Seeds, Inc.
River City Insurance Group
Rockford Package Supply
Roof Basket Works
Rovensa Next
Rupp Seeds, Inc.
Sakata Seed America
Salazar Machine & Steel, Inc.
SAN Agrow
Searles Cleaning Systems
Seedway, LLC
Shawnee Canning Co.
Simpson Family Estates
Spectrum Technologies, Inc.
Spray Innovations
Spring Brook Supply
Stan Peterson Fruit Tree Sales, LLC
State of Michigan, MIOSHA CET Division
ST Biologicals
Stokes Blueberry Farms & Nursery
- Stokes Seeds, Inc.**
Stoller
Storage Control Systems, Inc.
St. Steve's Farm-Crafted Beverages
Summit Laboratory, LLC
Summit Tree Sales, Inc.
Sun Sugar Farms/Sustainable Produce Containers
Superb Horticulture
Syngenta Crop Protection
System Clean Inc.
Techmark
Tew Manufacturing Corp.
Texpak, Inc.
The Jump Pad, Inc.
Thomas Bros Equipment Sales
ThorPack, LLC
Thunderbird Plastics
Tiger-Sul Products
Tilmor
Timac Agro USA
T-Mobile
TOMRA
Top Home Improvements
TotalGrow Lights
Treffler-Man at Machine
Trickl-Eez Irrigation
TriEst Ag Group
Unitec S.p.A.
United Greenhouse Systems, Inc.
UPL NA INC
USDA Farm Service Agency
USDA – NASS Great Lakes Region
USDA – Natural Resources Conservation Services
USDA Rural Development
Valent U.S.A. LLC
Vandenberg Horticulture
Van Well Nursery, Inc.
Van Wyk Risk Solutions
Verbruggen Palletizing Solutions
Vestaron Corporation
Veteran Roofing & Exteriors
Vivid Machines
Wafler Nursery
Wahlfield Drilling Co.
WECO The Science of Optical Sorting
Wilbur Ellis Company
Willow Drive Nursery
Willsie Equipment Sales




As of September 1, 2023

\$3.00 Parking & Free Shuttle to the Devos Place!

To help our attendees with more affordable parking options Great Lakes Expo will offer free trolley service to and from the DeVos Place!

We will run a dedicated Trolley from DASH Area Lot #9 (just a few blocks over the river) to the front of DeVos Place Convention Center. The Shuttle will run every 7-10 minutes on a loop during published times.



- LEGEND**
-  Trolley Route
 -  Trolley Stops
 -  DASH Parking Lot



Parking Services Department
50 Ottawa Ave. NW
Grand Rapids, Michigan 49503
(616) 456-3290

SCHEDULE:

Tuesday, December 5	7:00am to 6:30pm
Wednesday, December 6	7:00am to 6:30pm
Thursday, December 7	7:00am to 5:00pm

The Complimentary Trolley pictured below will run on a 7- 10 minute loop. Each day the shuttle will start at the published times with the last shuttle leaving at the listed time.

There are also fee based parking lots under and around Devos Place is you choose not to use the shuttle. The show **DOES NOT** reimburse or validate **ANY PARKING**.

FREE SUBSCRIPTION INFORMATION

Fruit (#1), Vegetable (#2), Greenhouse (#3), Fruit/Vegetable and Other (#4) Regular Registration Fees include the following free subscriptions:

1. U.S. residents receive FREE one-year subscriptions to **Fruit Growers News** and **American Fruit Grower**. Residents of Canada receive a FREE one-year subscription to **The Grower** (published by the Ontario Fruit and Vegetable Growers' Association). MSHS Life Member registrations also receive these subscriptions.
 2. U.S. residents receive FREE one-year subscriptions to **Vegetable Growers News** and **American Vegetable Grower**. Residents of Canada receive a FREE one-year subscription to **The Grower** (published by the Ontario Fruit and Vegetable Growers' Association).
 3. U.S. and Canadian residents receive a FREE one-year subscriptions to **GrowerTalks**. U.S. residents also receive a FREE one-year subscription to **Greenhouse Grower** and **Greenhouse Product News**.
 4. U.S. residents receive FREE one-year subscriptions to **Fruit Growers News, American Fruit Grower, Vegetable Growers News** and **American Vegetable Grower**. MSHS Life Member/ Vegetable registrations also receive these subscriptions.
- Please check here if you do not want these free publications.**

OPTIONAL FREE SUBSCRIPTIONS: Check the box if you are a U.S. resident and want to receive:

- Country Folks Grower**
- Growing**
- The Grower's 2023 Expo Show Issue** (Ontario Fruit & Vegetable Grower's Association)

PERMISSION TO USE PHOTOS: Please be aware that this registration form also serves as an agreement to appear in photographs taken at the 2023 Great Lakes Fruit, Vegetable & Farm Market EXPO and the Michigan Greenhouse Growers EXPO. These photos may be used for publicity or general information purposes and may be seen by the general public.

HOTEL: Do you plan to stay at one of these hotels during the EXPO? Amway Grand Plaza JW Marriott Courtyard by Marriott

Your receipt, name badge and any special event tickets you purchase will be mailed to you if registered by 11/15/23. Any registrations received after 11/15/23 will have the ability to self-print at self-print kiosks in the Amway Grand Plaza Hotel 2nd floor near the Skywalk entrance, as well as in the Grand Gallery at the DeVos Place. These self-print kiosks will be open starting Monday, December 4 at 4:00 PM. If you need additional assistance staff members will be present to provide help with badge printing. Full refunds will be provided if a cancellation request is received by 12/4/23.



Great Lakes EXPO
37637 Five Mile Rd. #399
Livonia, MI 48154

REGISTER ONLINE AT glexpo.com/gl-expo-registration

2023 REGISTRATION FORM

Pre-Registration Deadline for lower registration fees and to receive name badges by mail is November 15, 2023. Online registration is open from October 15, 2023 through December 7, 2023.

A SEPARATE FORM IS REQUIRED FOR EACH REGISTRANT. PLEASE COPY FORM IF NECESSARY. You can also register or print a registration form from the Great Lakes EXPO website at GLEXPO.com. Registration questions: Call 734-239-8027 or email ocrum@glexpo.com.

REGULAR REGISTRATION FEES*

See back of form for free subscription offers.

	By 11/15/23	Onsite	Total
<input type="checkbox"/> Fruit (#1 on back of form)	\$105	\$125	\$ _____
<input type="checkbox"/> Vegetable (#2 on back of form)	\$105	\$125	\$ _____
<input type="checkbox"/> Greenhouse (#3 on back of form)	\$105	\$125	\$ _____
<input type="checkbox"/> Other (#4 on back of form)	\$105	\$125	\$ _____
<input type="checkbox"/> Fruit/Vegetable (#4 on back of form)	\$115	\$135	\$ _____

***Business Discount** – Farm, farm market and greenhouse businesses with 4 or more regular registrations can deduct \$10 from each registration. This is only available through pre-registration and does not apply to special registration categories. To receive the discount, registrations must be submitted together online or by mail or fax.

SPECIAL REGISTRATION FEES

<input type="checkbox"/> Thursday Only	\$60	\$65	\$ _____
<input type="checkbox"/> Horticultural Society Life Member <i>(New Life Memberships are not available (See #1 on back of form))</i>	\$60	\$75	\$ _____
<input type="checkbox"/> Horticultural Society Life Member & Vegetable Registration <i>(See #4 on back of form.)</i>	\$70	\$85	\$ _____
<input type="checkbox"/> College Student <i>(Students must provide a copy of college ID)</i>	\$40	\$40	\$ _____
<input type="checkbox"/> MSU Staff	\$40	\$40	\$ _____
<input type="checkbox"/> Children 18 and under are Free Name(s) and Age(s): _____	Free	Free	Free

Please see page 6 to find out more about registration scholarships.

BUS TOURS and SPECIAL EVENTS

Indicate number of tickets for each event and total amount. Email or fax required at top of form if you register for a bus tour.

Monday, December 4

Farm Market Bus Tour _____ @ \$185* \$ _____
*Late Registration after 11/15: \$205 and subject to availability

Wednesday, December 6

Prayer Breakfast (7:00 am) _____ @ \$25 \$ _____
 Expo Banquet (6:30 pm) _____ @ \$50 \$ _____

Thursday, December 7

Greenhouse Biological Control Essentials: Setting Yourself Up for Success _____ @ \$149* \$ _____

CONTRIBUTION FOR FRUIT AND VEGETABLE RESEARCH AND EDUCATION

The following funds provide financial support for research and educational projects beneficial to fruit and vegetable growers. Contributions to these funds are deductible on federal income tax returns. You will receive a receipt by mail for your tax deductible contribution.

<input type="checkbox"/> Contribution to the Michigan State Horticultural Society Trust Fund	\$ _____
<input type="checkbox"/> Contribution to the Michigan Vegetable Council Fund	\$ _____

TOTAL AMOUNT DUE (All payments must be made in U.S. Dollars) \$ _____

PRE-REGISTER BY 11/15/2023 TO SAVE \$\$\$ AND TIME

Save \$\$\$\$: \$20 savings on regular registration fees. **Save Time:** Your receipt, name badge and any special event tickets you purchase will be mailed to you if registered by 11/15/23. Any registrations received after 11/15/23 will have the ability to self-print at self-print kiosks in the Amway Grand Plaza Hotel 2nd floor near the Skywalk entrance, as well as in the Grand Gallery at the DeVos Place. These self-print kiosks will be open starting Monday, December 4 at 4:00 PM. If you need additional assistance staff members will be present to provide help with badge printing. Full refunds will be provided if a cancellation request is received by 12/4/23.

Registration and Membership Information: Your registration, except for Thursday Only registrations, provides admission for all three days to the trade show and all education sessions. The bus tours and special events require additional registration fees. For everyone paying the Fruit or Vegetable Regular Registration fee, registration includes membership in the Michigan State Horticultural Society (Fruit) or the Michigan Vegetable Council (Vegetable). The Fruit/Vegetable Regular Registration fee includes membership in both organizations.

CHECK ALL THAT APPLY:

- FRUIT GROWER *(also check crops grown)*
 Apples Cherries Peaches Pears Plums
 Blueberries Grapes Strawberries
 Raspberries/Blackberries Other Small Fruit
 Organic Fruit
- VEGETABLE GROWER *(also check crops grown)*
 Asparagus Carrots Celery Cole Crops Peppers
 Pickling Cucumbers Pumpkins Squash Onions
 Potatoes Snap Beans Sweet Corn Tomatoes
 Other Veg Crops Organic Vegetables

FARM SIZE

- < 10 Acres 10-200 Acres > 200 Acres

GREENHOUSE GROWER

- FARM MARKETER
 AG SUPPORT BUSINESS

CONTACT INFORMATION

Print Name as it appears on credit card _____

Billing Street Address of Credit Card _____

Billing City/State/Zip _____

Email _____ Telephone _____

PAYMENT INFORMATION

Payment must accompany this form: **Mail to:** Great Lakes Expo, 37637 Five Mile Rd. #399, Livonia, MI 48154. Email: ocrum@glexpo.com

Payment by Check: Check # _____
Make check payable to: Great Lakes EXPO

Payment by Credit Card: Visa Mastercard
 Discover American Express

Card Number _____

CVV Code (3 or 4-digit number on back of card) _____ Exp. Date _____

Cardholder Signature _____