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December 5-7, 2023 | Grand Rapids, MI



Peterson Farm Bros.



Courtenay DeHoff

www.glexpo.com

GREAT LAKES EXPO



FRUIT, VEGETABLE & FARM MARKET

Sponsored by

Michigan State Horticultural Society
and **The Michigan Vegetable Council, Inc.**
in cooperation with **MSU Extension**

MICHIGAN GREENHOUSE GROWERS EXPO



Sponsored by

Metropolitan Detroit Flower Growers Association
and **Western Michigan Greenhouse Association**
in cooperation with **MSU Extension**

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GREENHOUSE EXPO EDUCATION PROGRAM SCHEDULE

TUESDAY MORNING

9:00 am

- Greenhouse Lighting During Propagation ... 18
- Plants Are Experiential Goods - Ways To Increase Customer Engagement And Boost Sales

10:00 am

- Best-Performing Plants In The 2023 Michigan Garden Plant Tour
- Sowing Your Success: Solutions For Seed 19

TUESDAY AFTERNOON

2:00 pm

- Greenhouse Disease Management Update .. 20

3:00 pm

- Achieving Plant Growth Management I – Success With PGRs
- Greenhouse Events That Work: A Grower Panel

WEDNESDAY MORNING

9:00 am

- A Systems Approach To Greenhouse Biological Control
- From Selection To Success: Optimizing Production With The Right Fertilizer
- Producing High-Quality Anemone And Ranunculus In Michigan

10:00 am

- A Deeper Discussion On Beneficials
- Recruiting And Retaining Workers From Select Sources Of The Local Labor Market
- Tips For Growing Foliage Plants In The North

WEDNESDAY AFTERNOON

2:00 pm

- Achieving Plant Growth Management II – Non-Chemical Growth Control
- Weed Management Recommendations For Specialty Cut Flower Production
- Latest And Greatest: Michigan State University Floriculture Research Update

3:00 pm

- The Ins And Outs Of Cooperatives And Collectives
- What's In Your Water And How To Get The Bad Stuff Out

THURSDAY (PRE REGISTRATION REQUIRED)

- Workshop and Tour, Greenhouse Biological Control Essentials: Setting Yourself Up For Success (Pre-Registered Only)

GREAT LAKES EXPO

EDUCATION PROGRAM SCHEDULE

TUESDAY MORNING

9:00 am

- Berries 12
- Grape 1 12
- Sweet Cider 13
- Women in Ag “Fireside Chat” 13
- Adoption in the Ag Tech Space 14
- Grants and Other Government Programming 14
- Lavender 1 15
- Beginning Farmer Meet and Greet With Trade Show Tour 15
- Asparagus 15
- Brassicas 16
- Pickles and Vine Crops 16

10:00 am

- Farm Market Keynote - Sharing Your Agriculture Story 12
- Smart Tree Fruit Thinning, featuring Accede® and all Valent PGR’s 17

11:00 am

- Laserweeding: The Future of Weed Control 17

TUESDAY AFTERNOON

12:00 pm

- Demystifying Plastic Packaging in the Produce Industry 21
- Autism Spectrum Individuals - An Untapped Potential Employee Pool 21

1:00 pm

- Managing Sulphur Nutrition in Specialty Crop Production 21
- Intro to Organic Practices 22

2:00 pm

- Farm Market 2 Marketing/Social Media 22
- Apple 1 22
- Grape 2 23
- Kemin’s new botanical oil-based biopesticides and novel plant growth technologies 23
- Enterprise Budgets for Beginning Farmers 23

- Lavender 2 24
- On-Farm Produce Safety 24
- Root Vegetables 25
- Sweet Corn 25

WEDNESDAY MORNING

9:00 am

- Farm Market 3 - Community Connections to Build Business 31
- Blueberry 1 31
- Cherries 32
- Peach/Plum 32
- Automated Weed Control in Vegetables with State-of-the-Art Computer Vision 33
- Emerging Technologies 1 - Digital Tools to Improve Efficiency and Decision-Making 33
- IPM Investigator Training 34
- Labor 1 - Ag Labor Policy 34
- Beginning Farmer 2 35
- Large Scale Organic 35
- Onion 36
- Tomato, Pepper, Eggplant 36

10:00 am

- What could possibly motivate someone to utilize the H2-A program? 37

11:30 am

- Peterson Farm Bros 37

WEDNESDAY AFTERNOON

12:00 pm

- Michigan Agriculture Environmental Assurance Program (MAEAP) - More than Just a Sign 38

1:00 pm

- Cider Judging 38
- Five Benefits Growers and Packers Are Gaining From Early Fruit Sizing AI 38

2:00 pm

- Farm Market 4 38
- Apple 2 39
- Blueberry 2 39

GREAT LAKES EXPO

EDUCATION PROGRAM SCHEDULE

- Workforce Warehouse – A new and more efficient way to EXPLORE, ENGAGE, & EMPLOY seasonal farm workers..... 40
 - 21st Century Tools and Tactics for Specialty Crop IPM 40
 - Emerging Technologies 2 - Improving Food System Sustainability Through Automation, Imaging and Biorefining Technologies..... 40
 - Irrigation..... 41
 - Labor 2 - Forming and Caring for Effective Farm Worker Teams..... 42
 - Soil Health and Cover Cropping..... 42
 - Celery 43
 - Potatoes..... 43
 - Farm Market Workshop 2 - Organizational Development and Team Building..... 46
 - Farm Market Workshop 3 - Making Food on the Farm..... 46
 - A Whole-System Approach to Sustainable Fruit Production 47
 - Hard Cider..... 47
 - Agrivoltaics: Growing Crops Under And Around Solar Arrays 48
 - Biocontrol and Biopesticides 49
 - Farm Succession..... 49
 - Ag Tech Symposium 48
 - Organic Vegetable Production..... 49
- 10:30 am**
- Organic and Small-Scale Marketing .. 50

THURSDAY MORNING

9:00 am

- Farm Market Workshop 1 - Improving Customer And Employee Experience At The Farm Through Cultural Competence 46

Expo 2023

- **PETERSON FARM BROTHERS -**
Advocating for Agriculture Online
 - Where: Valent Trade Show Stage, Dec 6 - 11:30am – 12:30am
- **Meet the Buyers**
 - Where: Trade Show Networking Area, Dec 6 - 4:00pm-5:30pm at
- **Core review and pesticide application certification testing, Dec 7**

2023 Expo Trade Show Social Hour

Dec 6 and 7, 4:00pm-5:30pm

Cash Bar, light snacks

VALENT TRADE SHOW STAGE SCHEDULE/DETAILS

The 2023 Expo presents the Valent Trade Show Stage schedule and details. The Valent Trade Show Stage event is meant to be a place where attendees can get answers to questions and engage in discussion with industry experts. The Valent Trade Show Stage is located in the back of the Trade Show.

Tuesday, December 5

Time	Talk	Company
9:00 am	Women in Ag “Fireside Chat”	AgBiome
10:00 am	Smart Tree Fruit Thinning, featuring Accede® and all Valent PGR’s	Valent
11:00 am	Laserweeding: The Future of Weed Control	Carbon Robotics
12:00 pm	Demystifying Plastic Packaging in the Produce Industry	First Genesis Inc.
1:00 pm	Managing Sulphur Nutrition in Specialty Crop Production	Tiger-Sul Products, LLC
2:00 pm	Kemin’s New Botanical Oil-Based Biopesticides and Novel Plant Growth Technologies	Kemin
4:30 pm	40 Under 40	

Wednesday, December 6

Time	Talk	Company
9:00 am	Automated Weed Control in Vegetables with State-of-the-Art Computer Vision	FarmWise
10:00 am	What Could Possibly Motivate Someone to Utilize the H2-A Program?	Head Honchos, LLC
11:30 am	Peterson Farm Bros	Peterson Farm Bros
1:00 pm	Five Benefits Growers and Packers Are Gaining from Early Fruit Sizing AI	Hectre
2:00 pm	Workforce Warehouse – A New and More Efficient Way to EXPLORE, ENGAGE, & EMPLOY Seasonal Farm Workers	Head Honchos, LLC
4:30 pm	Michigan Vegetable Council	Michigan Vegetable Council

Thursday, December 7

Time	Talk	Company
9:00 am	Ag Tech Symposium	

VALENT TRADE SHOW STAGE SCHEDULE/DETAILS

continued

AGRITOURISM ROUNDTABLE DISCUSSIONS

	WEDNESDAY
TUESDAY	11:00 am
11:00 am	Food and Beverage
Local Zoning	
	1:00 pm
1:00 pm	Emergency Prep
Employee Retention	

TRADE SHOW NETWORKING AREA ROUNDTABLE DISCUSSIONS

TUESDAY	3:00pm
10:00 am	How Do We Determine the
Farm Level Production Data	Payback...
(Input/Output)	
	WEDNESDAY
11:00 am	9:00 am
Latest Tech in Indoor Infrastructure	Camera-Guided Cultivators
12:00 pm	10:00 am
Autonomous Cultivators	Smart Spraying
1:00 pm	1:00 pm
Tech in the Farm Market	Variable-Rate Fertilizers
2:00 pm	
Financing Ideas for New Technology	

CONFERENCE INFORMATION

REGISTRATION

The registration area is located in the Grand Gallery of DeVos Place Convention Center. The entrance to DeVos Place is on Monroe Avenue. The enclosed walkway from the Amway Grand Plaza Hotel can also be used to enter the convention center. Registration opens at 7:30 am each day. It will close at 5:00 pm on Tuesday and Wednesday and at noon on Thursday.

Your registration entitles you to admission to the trade show and education sessions for all three days of the conference; for the Greenhouse Workshop and Tour on Thursday, you must have pre registered. Those who pay the regular registration fee for the fruit, vegetable, fruit/vegetable, other, or greenhouse options receive free subscriptions to the fruit, vegetable or greenhouse publications listed on the registration form. The fruit, vegetable, fruit/vegetable options also include membership in the Michigan State Horticultural Society and/or the Michigan Vegetable Council.

SPECIAL THURSDAY REGISTRATION FEE

A special registration fee of \$65 is available for admission to the trade show and education sessions on Thursday. This is good for attendance on Thursday ONLY. The special Thursday registration fee does not include free subscriptions or memberships.

MSU EXTENSION BOOTH, OTHER INFORMATION BOOTHS

MSU Extension will provide crop and pest management information at it's booth in the Grand Gallery concourse. There is a charge for most of the bulletins and other educational materials offered.

A number of government agencies, commodity groups, and other organizations have booth displays to provide useful information for growers and farm marketers.

TRADE SHOW

The trade show features a variety of products, services, and information for fruit, vegetable, and greenhouse growers, as well as farm marketers. Again this year a separate trade show area featuring exhibitors with products for retail farm marketers is being offered adjacent to the Farm Marketing and Apple meeting rooms in the Ballroom area of DeVos Place. Make sure you visit both exhibit halls. The listing of exhibitors in this program includes hall location and product categories. The trade show will be open during the following times:

Tuesday, December 5	8:00 AM – 5:30 PM
Wednesday, December 6	8:00 AM – 5:30 PM
Thursday, December 7	8:00 AM – 1:00 PM

CONFERENCE INFORMATION

EDUCATION PROGRAM

All sessions and workshops offered in the education programs of the Great Lakes Fruit, Vegetable and Farm Market EXPO and the Michigan Greenhouse Growers EXPO are open to all attendees.

COAT CHECK

A complimentary coat check area is available on the skywalk level of the convention center.

PARKING, LODGING, DINING

The Grand Rapids Convention Bureau has an information table in the Grand Gallery concourse area. You can pick up parking maps, restaurant, and hotel/motel lists, as well as information on things to see and do while you are in Grand Rapids. The restaurants in the Amway Grand Plaza Hotel will be open at lunch time: The Kitchen Counter by Wolfgang Puck, The Kitchen by Wolfgang Puck, and Starbucks. The concierge at the Amway Grand Plaza Hotel is able to make recommendations and reservations for you.

To help our attendees with more affordable parking options Great Lakes EXPO will offer free trolley service for our attendees 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 Trolley shuttle will run every 7-10 minutes on a loop during heavy arrival times and 15-20 minutes otherwise. The DASH Lot #9 has a \$3.00 per day parking fee.

There are also fee based parking lots under and around DeVos Place if you choose not to use the Trolley. The show DOES NOT reimburse or validate any parking.

Shuttle Schedule:

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

BUFFET LUNCHEON IN CONVENTION CENTER

A hot buffet luncheon will be available in the Grand Gallery near the river side entrance from 11:00 am - 1:30 pm on Tuesday and Wednesday. This inclusive one-trip buffet will be a full hot lunch including salad, dessert and beverage. Cost for the buffet is \$16 per person and includes tax and gratuity.

CONCESSION STANDS

Concession stands are located in DeVos Place just inside the three entrances to the trade show exhibits. One or more of the stands will be open from 8:00 am to 4:00 pm on Tuesday and Wednesday, and from 8:00 am to 1:00 pm on Thursday. Look for signage to direct you to the stands that are open. Multiple concession stands will be open from 11:30 am to 1:00 pm on Tuesday and Wednesday.

CIDER CONTEST

CIDER JUDGING

Wednesday, December 6, 1:00 PM - 4:00 PM

Grand Gallery C, DeVos Place

The cider contest will judge the best cider produced by Michigan cider makers. 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 from 9:00 am- 5:00 pm, or on Wednesday from 9:00 am- noon. No entries will be accepted after noon on Wednesday. Cider samples must be thawed by 1:00 pm on Wednesday (this is the responsibility of each cider producer).

Judging will be open for viewing. Winners will be announced at the EXPO Banquet on Wednesday evening.

Tasting of the Winning Ciders

Thursday, December 7, 8:00 AM - 9:00 AM

Main St in the Exhibit Hall, DeVos Place

Sample the winning ciders from the cider contest.

MSHS/MVC ANNUAL MEETINGS

MICHIGAN STATE HORTICULTURAL SOCIETY ANNUAL MEETING

Tuesday, December 5, 4:30 pm

Grand Gallery D, DeVos Place

All MSHS members welcome to attend.

THE MICHIGAN VEGETABLE COUNCIL, INC. ANNUAL MEETING

Wednesday, December 6, 4:30 pm

Valent Trade Show Stage

All MVC members welcome to attend.

AGRICULTURAL ORGANIZATION

MICHIGAN CIDER MAKERS' GUILD ANNUAL MEMBER GATHERING

Tuesday, December 5, 11:00am

Grand Gallery C, DeVos Place

Held at the conclusion of the sweet
cider session.

CELERY RESEARCH INC. ANNUAL MEETING

Wednesday, December 7, 4:30 pm

Grand Gallery Overlook D, DeVos Place

Held at the conclusion of the celery session.

MICHIGAN CARROT COMMISSION MEETING

Tuesday, December 5, 4:00 pm

Grand Gallery AB, DeVos Place

Held at the conclusion of the root crops
session.

SPECIAL EVENTS

MICHIGAN APPLE GROWERS LUNCHEON

Tuesday, December 5, 11:30 am - 1:30 PM

Ambassador Ballroom, Amway Grand Plaza Hotel

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, PICKLE & PEPPER RESEARCH COMMITTEE

Tuesday, December 5, 11:00 am - 4:00 pm

Gallery Overlook GH, DeVos Place

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.

TRADE SHOW RECEPTION

Tuesday, December 5, 4:00 pm - 5:30 pm

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

Exhibit Hall, DeVos Place

Please join us in the back of the exhibit hall Tuesday and Wednesday for a reception with the exhibitors. Cash bar and light refreshments will be offered.

PRAYER BREAKFAST

Wednesday, December 6, 7:00 am - 8:30 am

Imperial Ballroom, Amway Grand Plaza Hotel

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.

EXPO BANQUET

Wednesday, December 6, 6:30 pm

Ambassador Ballroom (concourse level), 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 recipients of the Fruit and Vegetable Industry Scholarships and Jordan Tatter Scholarships will be recognized as well. The winning entries in this year's Cider Contest will be announced.

Tickets are \$50 and will be available at registration until noon on Wednesday.

EDUCATION PROGRAM INFORMATION

Education Session Room Locations: All education sessions will be held in the DeVos Place Convention Center's meeting rooms. The Grand Gallery Rooms are located on the main level of the convention center. The Gallery Overlook Rooms are located on the upper level. Ballrooms A and D are on the main level adjacent to the Farm Market Exhibit Hall. The River Overlook Rooms are on the upper level on the west (river) side of DeVos Place (take the escalator on the west side of the Grand Gallery). Valent Trade Show Stage located at back of trade show. There is a map on page 55 of the booklet.

Session Summaries: Speakers in each education session have been asked to submit a summary of their presentation. Copies of presentation summaries will be compiled by session and distributed at the session. If there are extra copies, they will be available at the MSU Extension booth after the session. The summaries will also be posted on the website <https://glexpo.com/2023-session-handouts/> after the conference.

Educational Posters: Educational posters will be available for viewing in the Main St in the Exhibit Hall of DeVos Place outside the meeting rooms.

Education Credits for Pesticide Applicators and Certified Crop Advisors: All continuing education credit will be submitted electronically. There will no longer be a paper version, except for OH credits.

For those that are looking for CCA credits:

Your process will be the same as in the past, you will scan the QR code on the screen or on sign in sheet in the back of the room and follow the prompts to receive credit.

For those that are obtaining Michigan RUP credits please note the following directions:

At the conclusion of the session, on the screen in your session room, there will be a QR code for credits; you will be redirected to survey monkey.

- If you have any questions, visit the registration booth in the Grand Gallery.
- OH credits will be done using the 2 part carbon form as in the past. Please pick up the form at the credit desk.

GREAT LAKES EXPO EDUCATION PROGRAM

TUESDAY MORNING

FARM MARKET 1 KEYNOTE - STORYTELLING IN AGRICULTURE: DEVELOP A VOICE THAT SHIFTS NARRATIVES

Where: Ballroom A

No Credits Available

Moderator: Mariel Borgman

NEW TIME - 10:00am - 11:30am - for this session

Storytelling in Agriculture: Develop a Voice That Shifts Narratives

- Courtenay DeHoff - Fancy Lady Cowgirl

BERRIES

Where: Grand Gallery EF

MI Recertification Credits: 2 (1C, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: NM (0.5), PM (1.5)

Moderator: Douglas DeLeo, MSHS Board Member

9:00am - 9:30am

Calcium Application In Raspberries

- Lisa DeVetter - Washington State University

9:30am - 10:00am

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

- Timothy Miles - Michigan State University

10:00am - 10:30am

Biological Control Of Cranberry Lepidopteran Pests With Trichogramma Egg Parasitoids

- Didier Labarre - Quebec Cranberry Growers Association

10:30am - 11:00am

Stop Busting My Berries! SWD Management In Raspberries

- Heather Leach - Michigan State University

GRAPE 1

Where: Grand Gallery Overlook D

MI Recertification Credits: 2 (1C, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: SW (1.0), PM (1.0)

Moderator: Kyle Rasch, MSHS Board Member

9:00am - 9:30am

Protecting Berries Against Insect Pests, From Bloom To Harvest

- Rufus Isaacs - Michigan State University

9:35am - 10:05am

Shielding Our Vineyards: Strategies For Frost Protection

- Cain Hickey - Penn State University

GREAT LAKES EXPO EDUCATION PROGRAM

TUESDAY MORNING

10:10am - 11:00am

Elevating Sustainability In Grape Cultivation: Integrating Biochar and other Soil Health Promoting Practices

- Brook Wilke - Kellogg Biological Station
- Michael Person - Great Lakes Biochar Network

SWEET CIDER

Where: Grand Gallery C

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: PD (1.0), SSP (1.0)

Moderator: Will Cartwright, MSHS Board Member

9:00am - 9:20am

MDARD Cider Mill Inspection Report 2023

- Kevin Halfmann - Michigan Department of Agriculture and Rural Development

9:20am - 10:05am

Food Safety Principles In Cider And Novel Juice Processing Technology

- Randy Worobo - Cornell University

10:05am - 10:35am

Growing And Using Red-Juiced Apples For Sweet Cider

- Steve Vannocker - Michigan State University

10:35am - 11:00am

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

- Jason Fleming - J&H Fleming Farms

WOMEN IN AG “FIRESIDE CHAT”

Where: Valent Trade Show Stage

No Credits Available

9:00am – 9:45am

- Sara Villani - NC State University
- Kelly Liberator - AgBiome

Sponsored by AgBiome

GREAT LAKES EXPO EDUCATION PROGRAM

TUESDAY MORNING

ADOPTION IN THE AG TECH SPACE

Where: Ballroom D

MI Recertification Credits: 1 (Priv CORE)

OH Recertification Credits: 2 (2C)

CCA Credits: NM (0.5), SW (0.5), PM (1.0)

Moderator: Mike Reinke

9:00am - 9:30am

Adoption Of Cultivators

- Sam Oschwald Tilton - Sam Oschwald Tilton

9:30am - 10:30am

Adoption Of The Latest Ag Tech

- Sun Sugar Farms (produce container folding robot)
- Carbon Robotics (laser weeder)
- FloraPulse (water sensors)
- Farm-ng (Amiga all-electric micro-tractor)

10:30am - 11:00am

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

- Alan Lakso - Cornell University

GRANTS AND OTHER GOVERNMENT PROGRAMMING

Where: Grand Gallery Overlook C

No Credits Available

Moderator: Amy Bearss

9:00am - 9:30am

MDARD Grants

- Amy Bearss - Michigan Department of Agriculture and Rural Development

9:30am - 10:30am

Agricultural Preservation And Its Financial Benefits

- Matthew Channing - Kent County
- Becky Huttenga - Ottawa County

10:30am - 10:45am

Overview of NRCS programs - Technical and financial assistance available for farmers and landowners

- Madeleine Cantu - USDA-NRCS

10:45am - 11:00am

Rural Energy for America and Value Added Producers Grant

- Donald Mulson - USDA Rural Development

GREAT LAKES EXPO EDUCATION PROGRAM

TUESDAY MORNING

LAVENDER 1

Where: Grand Gallery Overlook EF

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: CM (2.0)

Moderator: Wynne Wright

9:00am 11:00am

This presentation offers a comprehensive exploration of lavender, detailing the various stages of the lavender life cycle with a focus on tips for success and strategies for achieving profitability.

- Joanne Voelcker - Mt Airy Lavender

BEGINNING FARMER MEET AND GREET WITH TRADE SHOW TOUR

Where: Grand Gallery D

No Credits Available

Moderator: Vicki Morrone

9:00am - 10:30am

Meet Service Providers And Chat With Them

10:30am - 11:00am

Meet And Greet Fellow Beginning Farmers And Others

11:00am - 12:00pm

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

ASPARAGUS

Where: Grand Gallery Overlook AB

MI Recertification Credits: 2 (1B, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: SW (0.5), PM(1.5)

Moderator: Ben Werling

9:00am - 9:30am

Managing Asparagus Beetle During And After Harvest

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

9:30am - 10:00am

Irrigation And Calcium Effects On Asparagus Yield And Quality

- Zack Hayden - Michigan State University

10:00am - 10:30am

Purple Spot Control In Asparagus

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

10:30am - 11:00am

Progress Towards On-Demand Asparagus Disease Weather

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

GREAT LAKES EXPO EDUCATION PROGRAM

TUESDAY MORNING

BRASSICAS

Where: Grand Gallery AB

MI Recertification Credits: 2 (1B, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: PM (2.0)

Moderator: Chris Galbraith

9:00am - 9:30am

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

- Tom Bilbo - Clemson University

9:30am - 10:00am

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

- Bhabesh Dutta - University of Georgia

10:00am - 10:30am

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

- Ashley Leach - The Ohio State University

10:30am - 11:00am

Striving To Eliminate Hand Weeding With Strategic Herbicide Use In Cabbage

- Christy Hoepting - Cornell Cooperative Extension

PICKLES AND VINE CROPS

Where: Grand Gallery Overlook EF

MI Recertification Credits: 2 (1B, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: PM (1.5)

Moderator: Salta Mambetova

9:00am - 9:30am

Trade-Offs And Winning Scenarios: IPM In Cucurbit Production

- Ashley Leach - The Ohio State University

9:30am - 10:00am

Factors Affecting Fruit Set In Vine Crops

- Gordon Johnson - University of Delaware

10:00am - 10:30am

Cucurbit Weed Research And Herbicide Updates

- Stephen Meyers - Purdue University

10:30am - 11:00am

Disease Update

- Mary Hausbeck - Michigan State University

SMART TREE FRUIT THINNING, FEATURING ACCEDE® AND ALL VALENT PGR'S

Where: Valent Trade Show Stage

No Credits Available

10:00am – 10:45am

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.

Sponsored by Valent

LASERWEEDING: THE FUTURE OF WEED CONTROL

Where: Valent Trade Show Stage

No Credits Available

11:00am – 11:45am

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.

Sponsored by Carbon Robotics

GREENHOUSE EXPO EDUCATION PROGRAM

TUESDAY MORNING

Greenhouse Lighting During Propagation

Where: River Overlook AB

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: CM (1.0)

Moderator: Erik Runkle

9:00am – 10:00am

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

Sponsored by Philips Horticulture LED Lighting

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

Where: River Overlook CD

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: PD (1.0)

Moderator: Heidi Lindberg

9:00am – 10:00am

- Alicia Rihn - University of Tennessee

Sponsored by Proven Winners

Best-Performing Plants In The 2023 Michigan Garden Plant Tour

Where: River Overlook AB

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: CM (1.0)

Moderator: Heidi Lindberg

10:00am – 11:00am

- Kristi Challender – Raker-Roberta's
- Michael DeBerti – Mast Young Plants
- Andrew Jager - Walters Gardens
- Heidi Lindberg – Michigan State University
- Josh Miller – Four Star Greenhouse
- Olivia Ott – Four Star Greenhouse
- Craig Stevens - DGI Propagators
- Brian Weesies - Mast Young Plants
- Emily Wildt – Raker-Roberta's

Sponsored by Michigan Plant Growers Co-Op

GREENHOUSE EXPO EDUCATION PROGRAM

TUESDAY MORNING

Sowing Your Success: Solutions For Seed

Where: River Overlook CD

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: CM (1.0)

Moderator: Tonya Powell

10:00am – 11:00am

- Dylan Sedmak - Pan American Seed

Sponsored by PanAmerican Seed

GREENHOUSE EXPO EDUCATION PROGRAM

TUESDAY AFTERNOON

Greenhouse Disease Management Update

Where: River Overlook AB

MI Recertification Credits: 1 (3A, 3B, Priv CORE)

OH Recertification Credits: 1 (6D)

CCA Credits: PM (1.0)

Moderator: Roberto Lopez

2:00pm – 3:00pm

- Mary Hausbeck - Michigan State University

Sponsored by Nufarm

Leveraging Native Plants To Boost Sales

Where: River Overlook CD

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: PD (1.0)

Moderator: Jim Brouwer

2:00pm – 3:00pm

- Alicia Rihn - University of Tennessee

Achieving Plant Growth Management I – Success With PGRs

Where: River Overlook AB

MI Recertification Credits: 1 (3A, 3B, Priv CORE)

OH Recertification Credits: 1 (6D)

CCA Credits: CM (1.0)

Moderator: Drew Koschmann

3:00pm – 4:00pm

- Jamie Gibson - Syngenta Flowers

Sponsored by Fine America's

Greenhouse Events That Work: A Grower Panel

Where: River Overlook CD

No Credits Available

Moderator: Jaden Gimondo

3:00pm – 4:00pm

- Anna Olson - Weesies Brother Greenhouse
- Sophie Rich – Farmer John's Greenhouse
- Mark Watkins - Bogie Lake Greenhouse

GREAT LAKES EXPO EDUCATION PROGRAM

TUESDAY AFTERNOON

DEMYSTIFYING PLASTIC PACKAGING IN THE PRODUCE INDUSTRY

Where: Valent Trade Show Stage

No Credits Available

12:00pm – 12:45pm

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.

- Jonathan Lee - First Genesis Inc.

Sponsored by First Genesis Inc.

AUTISM SPECTRUM INDIVIDUALS - AN UNTAPPED POTENTIAL EMPLOYEE POOL

Where: Grand Gallery AB

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: PD (1.0)

12:00pm - 1:00pm

Autism Spectrum Individuals - An Untapped Potential Employee Pool

- Carolynne VanderVeen - Easterseals MORC

MANAGING SULPHUR NUTRITION IN SPECIALTY CROP PRODUCTION

Where: Valent Trade Show Stage

No Credits Available

1:00pm – 1:45pm

Sulphur nutritional requirements of various specialty crops 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 crop production.

- Wesley Haun - Tiger-Sul Products, LLC

Sponsored by Tiger-Sul Products LLC

GREAT LAKES EXPO EDUCATION PROGRAM

TUESDAY AFTERNOON

INTRO TO ORGANIC PRACTICES

Where: Grand Gallery Overlook AB

MI Recertification Credits: 1 (1A, 1B, 1C, Priv CORE)

OH Recertification Credits: None

CCA Credits: SW (0.5), PM (0.5), PD (1.0)

1:00pm - 1:45pm

Not So Scary- Organic Certification And Inspection

- Dan Rossman - Rossman Farms

1:50pm - 2:35pm

Becoming Your Own Plant Detective-How To Identify The Critters

- Steve Bogash – ProFarm

2:40pm - 3:25pm

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

- Ajay Nair - Iowa State University

3:30pm - 4:00pm

Farmer Discussion-Bring Your Questions And Sharings

FARM MARKET 2 DIGITAL DISPERSAL OF YOUR BRAND

Where: Ballroom A

No Credits Available

Moderator: Mariel Borgman

2:00pm - 4:00pm

Digital Dispersal of Your Brand

- Courtenay DeHoff - Fancy Lady Cowgirl

APPLE 1

Where: Ballroom D

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: SW (2.0)

Moderator: Chris Alpers, MSHS Board Member

2:00pm - 2:25pm

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

- David Eissenstat - Pennsylvania State University

2:25pm - 2:50pm

Understanding Tree Water Relations And Irrigation Scheduling

- Alan Lakso - Cornell University

2:50pm - 3:15pm

Irrigating Your Orchard With Irrigation Scheduling Tools

- Younsuk Dong - Michigan State University

3:15pm - 4:00pm

Panel Discussion

GREAT LAKES EXPO EDUCATION PROGRAM

TUESDAY AFTERNOON

GRAPE 2

Where: Grand Gallery Overlook D

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: CM (2.0)

Moderator: Esmael Nasrollahiazar

2:00pm - 2:40pm

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

2:45am - 3:20am

Advancing The Clean Plant Program For Enhanced Grapevine Seedling Standards

- Tefera Mekuria - Wonderful laboratories

3:25am - 4:00am

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

- Timothy Miles - Michigan State University

KEMIN'S NEW BOTANICAL OIL-BASED BIOPESTICIDES AND NOVEL PLANT GROWTH TECHNOLOGIES.

Where: Valent Trade Show Stage

No Credits Available

2:00pm - 2:45pm

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

- Michael Hull - Kemin

ENTERPRISE BUDGETS FOR BEGINNING FARMERS

Where: Grand Gallery C

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: PD (2.0)

Moderator: Jon LaPorte

2:00pm - 4:00pm

Enterprise Budgets For Beginning Farmers

- Steve Whittington - Michigan State University Extension
- Jon LaPorte - Michigan State University Extension

GREAT LAKES EXPO EDUCATION PROGRAM

TUESDAY AFTERNOON

LAVENDER 2

Where: Grand Gallery Overlook EF

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: PD (2.0)

Moderator: Kim Benz

2:00pm - 2:15pm

Growing Your Lavender Farm Into A Business

- Jonathan LaPorte - Michigan State University Extension

2:30pm - 2:50pm

Pathways For Converting Lavender Into Income

- Bill Mansfield - Lavender Hill Farm
- Tricia Wilson - Dollie's Farm
- Trish Dennis - Indigo Lavender Farms

3:15pm - 4:00pm

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

- Kim Benz - Onederings Lavender Farm

ON-FARM PRODUCE SAFETY

Where: Grand Gallery EF

MI Recertification Credits: 2 (1A, 1B, 1C, Priv CORE)

OH Recertification Credits: None

CCA Credits: SSP (2.0)

Moderator: Heather Borden

2:00pm - 2:30pm

The Finer Points Of Cleaning And Sanitizing

- Dave Gambrall - Remco Products

2:30pm - 3:00pm

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

- Teresa Bergholtz - Michigan State University

3:00pm - 3:30pm

Identifying Common Risks on Michigan Produce Farms

- Joe Smith - Michigan Department of Agriculture and Rural Development

3:30pm - 4:00pm

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

- Phil Tocco - Michigan State University

GREAT LAKES EXPO EDUCATION PROGRAM

TUESDAY AFTERNOON

ROOT VEGETABLES

Where: Grand Gallery AB

MI Recertification Credits: 2 (1B, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: PM (2.0)

Moderator: Ben Werling

2:00pm - 2:45pm

The Wisconsin Experience Controlling Weeds In Carrots Without Linuron

- Jed Colqhoun - University of Wisconsin

2:45pm - 3:10pm

Root Rots In Root Crops And Rotational Cover Crops

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

3:10pm - 3:40pm

The Legion Of Root Lesion Nematodes In Carrots

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

3:40pm - 4:00pm

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

- Ben Werling - Michigan State University
- Zsafia Szendrei - Michigan State University

SWEET CORN

Where: Grand Gallery D

MI Recertification Credits: 2 (1B, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: SW (0.5), PM (1.0), CM (0.5)

Moderator: Chris Galbraith

2:00pm - 2:30pm

Sweet Corn Herbicides - Research And Updates

- Stephen Meyers - Purdue University

2:30pm - 3:00pm

Stress Effects On Sweet Corn

- Gordon Johnson - University of Delaware

3:00pm - 3:30pm

Insect Management Technologies: Trapview AI And Bt Update

- Jim Jasinski - The Ohio State University

3:30pm - 4:00pm

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

- Veronica Yurchak - University of Maryland

GREAT LAKES EXPO EDUCATION PROGRAM

TUESDAY AFTERNOON

40 UNDER 40 AWARDS

Where: Valent Trade Show Stage

No Credits Available

4:30pm – 5:30pm

Sponsored by Great American Media Services

FARM MARKET ROUNDTABLE

Where: Ballroom A

No Credits Available

Moderator: Garrett Zeigler

5:30pm – 7:00pm

GREENHOUSE EXPO EDUCATION PROGRAM

WEDNESDAY MORNING

A Systems Approach To Greenhouse Biological Control

Where: River Overlook AB

MI Recertification Credits: 1 (3A, 3B, Priv CORE)

OH Recertification Credits: None

CCA Credits: PM (1.0)

Moderator: Drew Koschmann

9:00am – 10:00am

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

Sponsored by BioBee USA

From Selection To Success: Optimizing Production With The Right Fertilizer

Where: River Overlook CD

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: NM (1.0)

Moderator: Caitlin Splawski

9:00am – 10:00am

- Jaden Gimondo - Michigan State University Extension

Sponsored by JR Peters

Producing High-Quality Anemone And Ranunculus In Michigan

Where: Grand Gallery C

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: CM (1.0), PD (1.0)

Moderator: Jeremy Jubenville

9:00am - 9:50am

- Lindsay Daschner - Forget Me Not Farms

A Deeper Discussion On Beneficials

Where: River Overlook AB

MI Recertification Credits: 1 (3A, 3B, Priv CORE)

OH Recertification Credits: 1 (CORE)

CCA Credits: PM (1.0)

Moderator: Jeremy Jubenville

10:00am – 10:50am

- Suzanne Wainwright-Evans - Buglady Consulting

Sponsored by Bioline AgroSciences

GREENHOUSE EXPO EDUCATION PROGRAM

WEDNESDAY MORNING

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

Where: Grand Gallery C

No Credits Available

Moderator: Lindsay Daschner

10:00am - 10:50am

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

Tips For Growing Foliage Plants In The North

Where: River Overlook CD

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: CM (1.0)

Moderator: Tonya Powell

10:00am – 10:50am

- Roberto Lopez - Michigan State University Extension
- Jonah Brown – Danziger

Sponsored by Danziger

GREENHOUSE EXPO EDUCATION PROGRAM

WEDNESDAY AFTERNOON

Achieving Plant Growth Management II – Non-Chemical Growth Control

Where: River Overlook AB

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: CM (1.0)

Moderator: Caitlin Splawski

2:00pm – 3:00pm

- Jamie Gibson - Syngenta Flowers

Sponsored by Syngenta Flowers

Weed Management Recommendations For Specialty Cut Flower Production

Where: Grand Gallery Overlook GH

MI Recertification Credits: 1 (3A, 3B, Priv CORE)

OH Recertification Credits: 2 (6D)

CCA Credits: PD (2.0)

Moderator: Jaden Gimonda

2:00pm - 2:50am

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

Sponsored by Syngenta

GREENHOUSE EXPO EDUCATION PROGRAM

WEDNESDAY AFTERNOON

Latest And Greatest: Michigan State University Floriculture Research Update

Where: River Overlook CD

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: CM (1.0)

Moderator: Erik Runkle

2:00pm – 2:50pm

- Roberto Lopez - Michigan State University Extension
- Zachariah Rutledge - Michigan State University
- Heidi Lindberg - Michigan State University Extension
- Marcela Tabares - Michigan State University
- Mary Hausbeck - Michigan State University
- Jeremy Jubenville – Michigan State University Extension
- Erik Runkle – Michigan State University

The Ins And Outs Of Cooperatives And Collectives

Where: Grand Gallery Overlook GH

No Credits Available

Moderator: Jeremy Jubenville

3:00pm - 4:30pm

- Bill Knudson - Michigan State University
- Alex Cacciari - Michigan Flower Growers Cooperative
- Josephine Brown - Michigan Flower Barn
- Paul Schaap - Kalamazoo Valley Plant Growers Cooperative

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

Where: River Overlook AB

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: SW (1.0)

Moderator: Heidi Lindberg

3:00pm – 4:00pm

- Tom Fernandez - Michigan State University

Sponsored by Michigan Greenhouse Growers Council



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GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY MORNING

FARM MARKET 3 - COMMUNITY CONNECTIONS TO BUILD BUSINESS

Where: Ballroom A

No Credits Available

Moderator: Janice Benson

9:00am - 9:15am

Michigan Agritourism Association Update

- Janice Benson - Michigan Agritourism Association
- Robyn Schultz - Michigan Agritourism Association

9:15am - 10:00am

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

- Dr. Wynne Wright - Michigan State University

10:00am - 11:00am

Community Engagement Panel

- Regina Hamlett - Hamlett Lavender Farm
- Kim Overhiser - A.W. Overhiser Orchards
- Allan Robinette - Robinette's Apple Haus & Winery

BLUEBERRY 1

Where: Grand Gallery AB

MI Recertification Credits: 1 (1C, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: PM (1.5), CM (0.5)

Moderator: Adam Shinske, MSHS Board Member

9:00am - 9:30am

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

- Carlos Garcia-Salazar - Michigan State University

9:30am - 10:00am

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

- Ashfaq Sial - University of Georgia

10:00am - 10:30am

Growing Blueberries In High Tunnels: Challenges And Opportunities

- Mike DeGrandchamp - DeGrandchamp Farms

10:30am - 11:00am

Enviroweather Project Updates

- Keith Mason - Michigan State University

GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY MORNING

CHERRIES

Where: Grand Gallery Overlook EF

MI Recertification Credits: 1 (1C, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: PM (1.0), CM (1.0)

Moderator: Andy Riley, MSHS Board Member

9:00am - 9:30am

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

- Julianna Wilson - Michigan State University

9:30am - 10:00am

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

- Catherine Lindell - Michigan State University

10:00am - 10:20am

Tart Cherry Economics Discussion

- Curtis Rowley - Cherry Industry Administrative Board

10:20am - 11:00am

High Density Sweet Cherries: Grower Panel

- Mark Schiller - King Orchards
- Isaiah Wunsch - Third Coast Fruits/Wunsch Farms

PEACH/PLUM

Where: Grand Gallery Overlook GH

MI Recertification Credits: 2 (1C, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: PM (2.0)

Moderator: Kyle Weber, MSHS Board Member

9:00am - 9:35am

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

- John Wise - Michigan State University

9:35am - 10:10am

Current Fungicides For Brown Rot Management

- George Sundin - Michigan State University

10:10am - 10:45am

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

- Sara Villani - North Carolina State University

GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY MORNING

AUTOMATED WEED CONTROL IN VEGETABLES WITH STATE-OF-THE-ART COMPUTER VISION

Where: Valent Trade Show Stage

No Credits Available

9:00am – 9:45am

Over the past 10 years, camera systems and software technologies have evolved drastically. Latest advances in computer vision are allowing for new standards of weed removal accuracy. These sophisticated technologies are now being embedded into robust, reliable implements, driving appealing returns on investment for specialty crop growers.

- Todd Rinkenberger - FarmWise

Sponsored by FarmWise

EMERGING TECHNOLOGIES 1 - DIGITAL TOOLS TO IMPROVE EFFICIENCY AND DECISION-MAKING

Where: River Overlook EF

MI Recertification Credits: 1 (1C, Priv CORE)

OH Recertification Credits: None

CCA Credits: SW (1.0), PM (1.0)

Moderator: Julia Miller

9:00am - 9:10am

Introducing The GLEexpo Emerging Technology Series - The Next Era Of Agtech Innovation

- Joe Affholter - Michigan State University Technologies
- Julia Miller - Michigan State University Technologies

9:10am - 9:30am

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

- Younsuk Dong - Michigan State University

9:30am - 9:50am

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

- Woongkul Lee - Michigan State University

9:50am - 10:10am

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

- Mark Ledebuhr - Application Insight LLC

10:10am - 10:30am

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

- Karen Chou - Environmental Science and Policy Program (MSU)

10:30am - 10:55am

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

GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY MORNING

IPM INVESTIGATOR TRAINING

Where: Ballroom D

MI Recertification Credits: 2 (Comm CORE, Priv CORE)

OH Recertification Credits: 2 (CORE)

CCA Credits: PM (2.0)

Moderator: Erin Lizotte

9:00am - 9:20am

Becoming An IPM Investigator

- Erin Lizotte - Michigan State University Extension

9:20am - 10:00am

Forensic Tools For Solving IPM Mysteries

- Laura Miles - Michigan State University

10:00am - 10:20am

Preserving The Evidence: Tips And Tricks To Avoid Sampling Pitfalls

- Erin Hill - Michigan State University

10:20am - 10:40am

IPM Mystery Case Studies

- Jan Byrne - Michigan State University

LABOR 1 - AG LABOR POLICY

Where: Grand Gallery Overlook AB

No Credits Available

Moderator: Alexandra Hill

9:00am - 9:35am

Ag Labor Market And Policy Overview

- Margaret Jodlowski - Ohio State University
- Zach Rutledge - Michigan State University

9:35am - 10:10am

H-2A Visa Program

- John Rotterman - US Department of Labor
- Sarah Black - Great Lakes Ag Labor Services

10:10am - 11:00am

Labor Policy And Foreign Program Panel

- Michael Lalich - Low Country Labor Company
- Bradley Lapchak - US Department of Labor

GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY MORNING

BEGINNING FARMER 2

Where: Grand Gallery D

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: SW (0.5), PD (1.5), SSP (0.5)

9:00am - 9:40am

Finding The Land

- Katie Brandt - Michigan State University

9:45am - 10:25am

Assessing Your Soil Now And Later

- Christine Curell - Michigan State University Extension

10:30am - 11:10am

Farm Recordkeeping A To Z

- Florencia Colella - Michigan State University Extension

11:20am - 12:00pm

Produce Safety-How It Can Impact Your Farm Business

- Mariel Borgman - Michigan State University Extension

LARGE SCALE ORGANIC

Where: Grand Gallery Overlook D

MI Recertification Credits: 1 (1A, 1B, 1C, 3A, 3B, Priv CORE)

OH Recertification Credits: 2 (CORE)

CCA Credits: NM (1.0), PM (1.0)

9:00am - 9:30am

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

- Steve West - RD4AG

9:30am - 10:00am

Expanding Organic Weed Control Options With Electrical Weeding

- Chris Galbraith - Michigan State University Extension

10:00am - 10:30am

Manure As A Nutrient Source In Organics

- Melissa Wilson - University of Minnesota

10:30am - 11:00am

Open Discussion

GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY MORNING

ONION

Where: Grand Gallery Overlook C

MI Recertification Credits: 2 (1B, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: PM (1.5), PD (0.5)

Moderator: Bruce Klamer

9:00am - 9:30am

Navigating Eastern US Onion Markets

- Doug Bulgrin - Gumz Farms

9:30am - 10:00am

“Stop The Rot Project”: A National Effort To Reduce Losses Due To Onion

Bacterial Diseases

- Bhabesh Dutta - University of Georgia

10:00am - 10:20am

Sources Of Stemphylium In Michigan Onions

- Mary Hausbeck - Michigan State University
- Abdelrazek Abdelrhim - Michigan State University

10:20am - 10:40am

Mulches And Insecticides For Onion Thrips Control

- Natalie Constancio - Michigan State University
- Zsofia Szendrei - Michigan State University

10:40am - 11:00am

White Champion in Onion

- Sushila Chaudhari - FMC Ag US

TOMATO, PEPPER, EGGPLANT

Where: Grand Gallery EF

MI Recertification Credits: 2 (1B, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: PM (1.0), CM (1.0)

Moderator: Salta Mambetova

9:00am - 9:30am

Spidermite Biology And Management

- Tom Bilbo - Clemson University

9:30am - 10:00am

All The Small Stuff: Pest Management In Pepper Production

- Ashley Leach - The Ohio State University

10:00am - 10:30am

Growing The Highest Quality Tomatoes

- Steve Bogash - ProFarm

10:30am - 11:00am

Bell Peppers: Ideas On How To Get The Most Out Of An Expensive Crop

- Steve West - RD4AG

WHAT COULD POSSIBLY MOTIVATE SOMEONE TO UTILIZE THE H2-A PROGRAM?

Where: Valent Trade Show Stage

No Credits Available

10:00am – 10:45am

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

- Todd Miller - Head Honchos, LLC

PETERSON FARM BROS

Where: Valent Trade Show Stage

No Credits Available

11:30am – 12:30pm

An entertaining, inspirational, educational and motivational program for people of all ages and all backgrounds. The program includes how they got started making videos, where the videos have taken them, the power of communicating through social media and the lessons they've learned about advocating for agriculture online. They will perform several of their parody music videos throughout the presentation and will be more than happy to stick around for pictures, autographs and conversations with attendees.

- Greg and Nathan Peterson

GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY AFTERNOON

MICHIGAN AGRICULTURE ENVIRONMENTAL ASSURANCE PROGRAM (MAEAP) - MORE THAN JUST A SIGN

Where: Grand Gallery AB

MI Recertification Credits: 1 (Priv CORE)

OH Recertification Credits: None

CCA Credits: SW (1.0)

12:00pm – 1:00pm

CIDER JUDGING

Where: Grand Gallery C

No Credits Available

Moderator: Derek Plotkowski

1:00pm – 4:00pm

FIVE BENEFITS GROWERS AND PACKERS ARE GAINING FROM EARLY FRUIT SIZING AI

Where: Valent Trade Show Stage

No Credits Available

1:00pm – 1:45pm

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.

- Dwight Sheltroun - Hectre's

Sponsored by Hectre

FARM MARKET 4

Where: Ballroom A

No Credits Available

Moderator: Garrett Zeigler

2:00pm - 3:00pm

- Navigating Insurance and Liability For Your Agritourism Farm
- Alex Erickson - Farm Bureau Insurance

3:00pm - 4:00pm

Behind The Scenes of the Peterson Farm Bros

- Gregory Peterson - Peterson Farm Bros

GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY AFTERNOON

APPLE 2

Where: Ballroom D

MI Recertification Credits: 2 (1C, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: PM (2.0)

Moderator: Dan Dietrich, MSHA Board Member

2:00pm - 2:30pm

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

- George Sundin - Michigan State University

2:30pm - 3:00pm

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

- Julianna Wilson - Michigan State University

3:00pm - 3:30pm

Identification And Management Of Summer Diseases

- Sara Villani - North Carolina State University

3:30pm - 4:00pm

Rainfastness Of Fungicides For Disease Control In Apples

- Dalton Miner - Michigan State University

BLUEBERRY 2

Where: Grand Gallery AB

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: NM (0.5), SW (0.5), CM (1.0)

Moderator: Mark Evans, MSHS Board Member

2:00pm - 2:30pm

Organic Nitrogen Sources In Blueberries

- Lisa Wasko DeVetter - Washington State University

2:30pm - 3:00pm

Blueberry Flavor And Harvest Management

- Josh Vander Weide - Michigan State University

3:00pm - 3:30pm

Protecting Blueberry Yields By Ensuring Reliable Pollination

- Lauren Goldstein - Michigan State University

3:30pm - 4:00pm

Progress on Fighting Frustrating Flies

- Rufus Isaacs - Michigan State University

GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY AFTERNOON

WORKFORCE WAREHOUSE – A NEW AND MORE EFFICIENT WAY TO EXPLORE, ENGAGE, & EMPLOY SEASONAL FARM WORKERS

Where: Valent Trade Show Stage

No Credits Available

2:00pm – 2:45pm

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

- Todd Miller - Head Honchos LLC

Sponsored by Head Honchos LLC

21ST CENTURY TOOLS AND TACTICS FOR SPECIALTY CROP IPM

Where: Grand Gallery Overlook C

MI Recertification Credits: 2 (1C, Priv CORE)

OH Recertification Credits: 2 (CORE)

CCA Credits: PM (2.0)

Moderator: John Wise

2:00pm - 2:30pm

Biopesticides In 21St Century Fruit Crop IPM

- John Wise - Michigan State University

2:30pm - 3:00pm

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

- Srdjan Acimovic - Virginia Tech University

3:00pm - 3:30pm

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

- David Shapiro-Ilan - USDA-ARS, SEA

3:30pm - 4:00pm

Fire Blight Disease Management Through Manipulating Plant Defense Responses

- George Sundin - Michigan State University

EMERGING TECHNOLOGIES 2 - IMPROVING FOOD SYSTEM SUSTAINABILITY THROUGH AUTOMATION, IMAGING AND BIOREFINING TECHNOLOGIES

Where: River Overlook EF

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: CM (2.0)

2:00pm - 2:20pm

Digital Systems To Enhance The Sustainability Of Agriculture And Food Systems

- Bruno Basso - Michigan State University

GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY AFTERNOON

2:20pm - 2:45pm

Development Of A Multi-Arm Robotic Apple Harvesting System

- Zhaojian Li - Michigan State University, Mechanical Engineering

2:45pm - 3:10pm

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

- Xiaobo Tan - Michigan State University

3:10pm - 3:35pm

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

3:35pm - 4:00pm

Supporting Ag Tech Innovation – How to connect with MSU

- Julia Miller - Michigan State University Technologies
- Tom Herlache - Michigan State University Technologies

IRRIGATION

Where: Grand Gallery Overlook E

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: SW (2.0)

Moderator: Younsuk Dong

2:00pm - 2:30pm

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

- Molly Sears - Michigan State University

2:30pm - 3:00pm

Water Source Is The Heart Of The Irrigation System

- Lyndon Kelley - Michigan State University

3:00pm - 3:30pm

Importance Of Evaluating Irrigation System Uniformity

- Younsuk Dong - Michigan State University

3:30pm - 4:00pm

Principles Of Filtration In Irrigation

- Aviv Vered - Amiad Water System

GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY AFTERNOON

LABOR 2 - FORMING AND CARING FOR EFFECTIVE

FARM WORKER TEAMS

Where: Grand Gallery Overlook AB

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: PD (2.0)

Moderator: Florencia Colella

2:00pm - 2:35pm

Organizational Development Tips From The Vegetable Field

- Lee West - RD4AG

2:35pm - 3:10pm

Creating And Managing An Effective Farm Team

- Alexandra Hill - University of California, Berkeley

3:10pm - 4:00pm

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
- Misty Oebel - Michigan State University

SOIL HEALTH AND COVER CROPPING

Where: Grand Gallery EF

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: SW (2.0)

2:00pm - 2:30pm

Soil Health And Cover Crop Mixture Performance On Michigan Farms

- Jennifer Blesh - University of Michigan

2:30pm - 3:00pm

20 Years Of Cover Crop Research In Vegetables

- Gordon Johnson - University of Delaware

3:00pm - 3:30pm

On-Farm Soil Health Assessment And Economics Of Cover Crops

- Elizabeth Rieke - Soil Health Institute

3:30pm - 4:00pm

Manure Management And Soil Health

- Melissa Wilson - University of Minnesota

GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY AFTERNOON

CELERY

Where: Grand Gallery D

MI Recertification Credits: 2 (1B, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: NM (0.5), PM (1.5)

Moderator: Jeff Eding

2:00pm - 2:30pm

Celery Plant Death And Stemphylium

- Mary Hausbeck - Michigan State University

2:30pm - 3:00pm

Cover Crops And Remote Sensing For Celery Fertility Management

- Zack Hayden - Michigan State University

3:00pm - 3:30pm

Carrot Weevil Control In Michigan Celery

- Elizabeth Long - Purdue University

3:30pm - 4:00pm

Celery Weed Control Research Update

- Sushila Chaudhari - FMC Ag USA

POTATOES

Where: Grand Gallery Overlook D

MI Recertification Credits: 2 (1B, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: PM (2.0)

Moderator: Steven Whittington

2:00pm - 2:30pm

Getting In The Weeds About Weed Control In Potatoes

- Erin Burns - Michigan State University Extension

2:30pm - 3:00pm

Colorado Potato Beetle Management

- Zsofia Szendrei - Michigan State University

3:00pm - 3:00pm

Potato Early Die Management

- Marisol Quintanilla-Tornel - Michigan State University

3:30pm - 4:00pm

Managing Diseases For Growth And Storage Of Healthy Potatoes

- Jaime Wilbur - Michigan State University

GREAT LAKES EXPO EDUCATION PROGRAM

WEDNESDAY AFTERNOON

RESEARCH POSTER PRESENTATION

Where: Valent Trade Show Stage

3:00pm – 3:45pm

Building a Wash & Pack Shed With Cardinal Farms

- Phillip Tocco - Michigan State University

Farm Worker Texting Service Building food safety culture, one reminder at a time

- Alison Buskirk - Michigan State University

Potato Soil Health Improvement: 2012-2022

- George Bird - Michigan State University

Specialty Crop Manager Pilot Training Program to Meet the Demand For Agriculture Managers

- Michael Wallace - Central State University

Sponsored by Nestle\Gerber

MICHIGAN VEGETABLE COUNCIL ANNUAL MEETING

Where: Valent Trade Show Stage

No Credits Available

4:30pm – 5:00pm

GREENHOUSE EXPO EDUCATION PROGRAM

THURSDAY MORNING

Workshop and Tour, Greenhouse Biological Control Essentials: Setting Yourself Up For Success *(Pre-registration required)*

Where: Grand Gallery Overlook GH and Offsite

MI Recertification Credits: 6 (3A, 3B, Priv CORE)

OH Recertification Credits: 0.5 (6D)

CCA Credits: PM (7.0)

Moderator: Jeremy Jubenville

9:00am – 4:00pm

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

Morning Session Sponsored by Plant Products

Lunch Sponsored by Koppert Biological Systems

Afternoon Session Sponsored by Biobest USA

GREAT LAKES EXPO EDUCATION PROGRAM

THURSDAY MORNING

FARM MARKET WORKSHOP 1 - IMPROVING CUSTOMER AND EMPLOYEE EXPERIENCE AT THE FARM THROUGH CULTURAL COMPETENCE

Where: Grand Gallery Overlook C

No Credits Available

Moderator: Derek Plotkowski

9:00am - 10:00am

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

10:00am - 10:40am

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

10:40am - 11:00am

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

- George McManus - Piggott's Farm Market and Bakery

FARM MARKET WORKSHOP 2 - ORGANIZATIONAL DEVELOPMENT AND TEAM BUILDING

Where: Grand Gallery Overlook D

No Credits Available

Moderator: Ben Phillips

9:00am - 11:00am

Teamwork - The Secret Ingredient Is Overcoming Fear

- Lee West - Lee West Consulting

FARM MARKET WORKSHOP 3 - MAKING FOOD ON THE FARM

Where: Grand Gallery Overlook EF

No Credits Available

Moderator: Garrett Ziegler

9:00am - 9:40am

Farm To Fork: Increasing Access To Nutritious Food

- Vicki Zilke - Zilke Vegetable Farm

9:40am - 10:20am

Pizza Farming And Other Value Added Adventures At New City Farm

- Lance Kraai - New City Neighbors

10:20am - 11:00am

Great Expectations In Pies

- Steve Bogash - ProFarm

GREAT LAKES EXPO EDUCATION PROGRAM

THURSDAY MORNING

A WHOLE-SYSTEM APPROACH TO SUSTAINABLE FRUIT PRODUCTION

Where: Grand Gallery AB

MI Recertification Credits: 2 (1C, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: SW (0.5), PM (0.5), CM (1.0)

9:00am - 9:25am

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

- David Eissenstat - Pennsylvania State University

9:25am - 9:50am

Biocontrol Fundamentals And How To Use Them Effectively

- Jackie Perkins - Michigan State University

9:50am - 10:15am

Using Models To Drive Decision-Making In Perennial Systems

- Daniel Uyeh - Michigan State University

10:15am - 11:00am

Panel Discussion Mix of presenters, and industry partners

HARD CIDER

Where: Grand Gallery D

MI Recertification Credits: 1 (1C, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: None

Moderator: Nikki Rothwell

9:00am - 9:45am

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

- Randy Worobo - Cornell University

9:45am - 10:15am

Making The Most Of Your MCA Membership

- Paula Englin - Michigan Cider Association

10:15am - 10:45am

Find The Balance Between Distribution And On-Premise Sales

- Dede Beck - Uncle John's Cider Mill

10:45am - 11:00am

Michigan Cider Association's Specialty Block Grant Update

- Paula Englin - Michigan Cider Association

GREAT LAKES EXPO EDUCATION PROGRAM

THURSDAY MORNING

AG TECH SYMPOSIUM

Where: Valent Trade Show Stage

No Credits Available

9:30am - 10:30am

Innovation Opportunities - Roundtable Breakout Discussions

10:30am-10:50am

Innovation Aisle Networking

10:50am-11:30am

Great Lakes AgTech Participants - A panel featuring a grower, supplier, researcher and lender, discussing their needs and capabilities.

11:30am-12:00pm

The Future of AgTech - Nick Rocca, Head of Autonomy at FieldIn, shares his vision for the future of AgTech.

12:00pm-2:30pm

Continue at The Bridge (MSU Bridge Incubator)... Bring your coat and join us for a walk across the street to The Bridge. We'll continue to explore AgTech opportunities with lunch, networking, breakout discussions, and a guided tour.

AGRIVOLTAICS: GROWING CROPS UNDER AND AROUND SOLAR ARRAYS

Where: Grand Gallery Overlook AB

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: SSP (2.0)

Moderator: Charles Gould

9:00am - 9:20am

Utilizing Land For More Than Harvesting Solar Energy

- Charles Gould - Michigan State University Extension

9:20am - 10:05am

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

10:05am - 10:30am

On-Farm Power Production And Use Increases Farm Profitability

- Jon LaPorte - Michigan State University Extension

10:30am - 11:00am

Funding Your On-Farm Solar Project

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

GREAT LAKES EXPO EDUCATION PROGRAM

THURSDAY MORNING

BIOCONTROL AND BIOPESTICIDES

Where: Grand Gallery EF

MI Recertification Credits: 2 (Comm CORE, Priv CORE)

OH Recertification Credits: 2 (2B)

CCA Credits: PM (2.0)

Moderator: Chris Galbraith

9:00am - 10:00am

Trends, Strategies And A Look At The Future In Biopesticides

- Steve West - RD4AG

10:00am - 11:00am

Successful Biocontrol in Field Settings

- Pete Miller - Koppert

FARM SUCCESSION

Where: Ballroom A

No Credits Available

Moderator: Corey Clark

9:00am - 11:00am

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

ORGANIC VEGETABLE PRODUCTION

Where: Grand Gallery C

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: SW (0.5), PD (0.5)

9:00am - 9:45am

What The Farm Bill Offers Organic Farmers

- Ben Belkholm - USDA- Lansing

9:45am - 10:30am

Integration Of Summer Cover Crops In Vegetable Cropping Systems

- Ajay Nair - Iowa State University

GREAT LAKES EXPO EDUCATION PROGRAM

THURSDAY MORNING

ORGANIC AND SMALL-SCALE MARKETING

Where: Grand Gallery C

MI Recertification Credits: None

OH Recertification Credits: None

CCA Credits: PD (1.5)

Moderator: Mariel Borgman

10:30am - 11:00am

U-Pick Marketing For Community Connections

- Kim Beyer - Slow Farm

11:00am - 12:00pm

Funding Community Connections For Farm Non-Profits

- Julius Buzzard - Growing Hope
- Egypt Krohn - Allen Neighborhood Center
- Clarence Price - Pingree Farms

EDUCATION PROGRAM COORDINATORS

MARIEL BORGMAN

Michigan State University

GREG LANG

Horticulture Dept., MSU

HEIDI LINDBERG

Extension Educator

Michigan State University Extension

BEN PHILLIPS

Michigan State University Extension

ERIK RUNKLE

Horticulture Dept., MSU

Michigan State University Extension

BEN WERLING

Michigan State University Extension

GARRETT ZEIGLER

Michigan State University

EDUCATION SESSION COORDINATORS

JOE AFFHOLTER

Michigan State University

- Emerging Technologies 1 & 2
- Ag Tech Symposium

KIM BENZ

Onderings Lavender Farm

- Lavender 2

BEVERLY BERENS

Michigan State University

- Autism Spectrum Individuals
- An Untapped Potential Employee Pool

MARIEL BORGMAN

Michigan State University

- Farm Market Keynote
- Sharing Your Agriculture Story
- Farm Market 2 Marketing/Social Media
- Organic and Small-Scale Marketing

FLORENCIA COLELLA

Michigan State University

- Labor 1
- Ag Labor Policy
- Labor 2
- Forming and Caring for Effective Farm Worker Teams
-

YOUNSUK DONG

Michigan State University

- Irrigation

CHRIS GALBRAITH

Michigan State University

- Brassicas
- Sweet Corn

CARLOS GARCIA-SALAZAR

Michigan State University

- Berries
- Blueberry 1

CHARLES GOULD

Michigan State University

- Agrivoltaics: Growing Crops Under And Around Solar Arrays

ZACK HAYDEN

Michigan State University

- Large Scale Organic
- Soil Health and Cover Cropping

JEREMY JUBENVILLE

Michigan State University

- Producing High-Quality Anemone And Ranunculus In Michigan
- Recruiting And Retaining Workers From Select Sources Of The Local Labor Market
- Weed Management Recommendations For Specialty Cut Flower Production
- The Ins And Outs Of Cooperatives And Collectives
- Workshop and Tour, Greenhouse Biological Control Essentials: Setting Yourself Up For Success (Pre-Registered Only)

ERIN LAUWERS

Michigan State University

- Cherries

EMILY LAVELY

Michigan State University

- Apple 1
- Apple 2

EDUCATION SESSION COORDINATORS

HEIDI LINDBERG

Michigan State University

- **Greenhouse Lighting During Propagation**
- **Plants Are Experiential Goods**
- **Ways To Increase Customer Engagement And Boost Sales**
- **Best-Performing Plants In The 2023 Michigan Garden Plant Tour**
- **Sowing Your Success: Solutions For Seed**
- **Greenhouse Disease Management Update**
- **Leveraging Native Plants To Boost Sales**
- **Achieving Plant Growth Management I – Success With PGRs**
- **Greenhouse Events That Work: A Grower Panel**
- **A Systems Approach To Greenhouse Biological Control**
- **From Selection To Success: Optimizing Production With The Right Fertilizer**
- **A Deeper Discussion On Beneficials**
- **Tips For Growing Foliage Plants In The North**
- **Achieving Plant Growth Management II – Non-Chemical Growth Control**
- **Latest And Greatest: Michigan State University Floriculture Research Update**
- **What's In Your Water And How To Get The Bad Stuff Out**

ERIN LIZOTTE

Michigan State University

- **IPM Investigator Training**

VICKI MORRONE

Michigan State University

- **Beginning Farmer Meet and Greet With Trade Show Tour**
- **Intro to Organic Practices**
- **Beginning Farmer 2**
- **Organic Vegetable Production**

ESMAEL NASROLLAHIAZAR

Michigan State University

- **Grape 1**
- **Grape 2**

BEN PHILLIPS

Michigan State University

- **Pickles and Vine Crops**
- **Tomato, Pepper, Eggplant**
- **Biocontrol and Biopesticides**
- **Farm Market Workshop 2**
- **Organizational Development and Team Building**
- **Farm Market Workshop 3**
- **Making Food on the Farm**

DEREK PLOTKOWSKI

Michigan State University

- **Sweet Cider**
- **Cider Judging**
- **Farm Market Workshop 1**
- **Improving Customer And Employee Experience At The Farm Through Cultural Competence**

MIKE REINKE

Michigan State University

- **Adoption in the Ag Tech Space**

NIKKI ROTHWELL

Michigan State University

- **Hard Cider**

BILL SHANE

Michigan State University

- **Peach/Plum**

CHEYENNE SLOAN

Michigan State University

- **Blueberry 2**
- **A Whole-System Approach to Sustainable Fruit Production**

PHIL TOCCO

Michigan State University

- **On-Farm Produce Safety**

BEN WERLING

Michigan State University

- **Asparagus**
- **Root Vegetables**
- **Onion**
- **Celery**

STEVE WHITTINGTON

Michigan State University

- **Enterprise Budgets for Beginning Farmers**
- **Potatoes**

JOHN WISE

Michigan State University

- **21st Century Tools and Tactics for Specialty Crop IPM**

WYNNE WRIGHT

Michigan State University

- **Lavender 1**

GARRETT ZEIGLER

- **Farm Market Roundtable**
- **Farm Market 4**
- **Farm Market 3**
- **Community Connections to Build Business**

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Liv Crum - Livonia/Okemos

Education Program Coordinator

Liv Crum - Livonia/Okemos

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Assistant Secretary-Treasurer

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Jamie Clover-Adams - DeWitt

Matt DeBlouw - Capac

Chris Falak (Ex-Officio) - Spring Lake

Katie (Swanson) Hensley - Ravenna

Mike Iott - Petersburg

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Derek Oomen - Pentwater

Erik Thies - Dowagiac

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Roger Victory - Hudsonville

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Ben Phillips - Michigan State University Extension

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Joe Barson

Tammy Carlson-Gregory

Jim Mijal

Walt Rochowiak

Bill Ruhlig

Bill Stahl

Jerry Tuinier

Mark Watkins

Don Zywicki

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University Extension

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Roberto Lopez – Michigan State
University

Heidi Lindberg – Michigan State
University Extension

MICHIGAN GREENHOUSE GROWERS COUNCIL

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Vice President

Craig Stevens

Treasurer (Allied Trade Member)

Mike Fassbender

Secretary

Cindy Ray

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Kurt Elders

Susie Raker-Zimmerman

Allied Trade Member

Matt Staal

Education Committee Member

Heidi Lindberg

WMGA Board Member

Phil Syswerda

Executive Director

Jared Rodriguez

MSHS TRUST FUND/MVC FUND

SUPPORTING FRUIT AND VEGETABLE RESEARCH AND EXTENSION

The Michigan State Horticultural Society and the Michigan Vegetable Council have committed substantial funding over the years to support research and Extension beneficial to fruit and vegetable growers. This support has become increasingly important as state and federal budgets for agricultural research and Extension have tightened. To help meet the needs for funding, both organizations have established funds to generate income to support fruit and vegetable research and Extension in the years ahead.

MICHIGAN STATE HORTICULTURAL SOCIETY TRUST FUND

The Michigan State Horticultural Society (MSHS) Trust Fund was established in 1983. It is a perpetual trust fund. The fund's purpose is to support horticultural research, extension and educational projects. The fund has been well supported since its inception by gifts from growers and others involved in Michigan's fruit industry. The income generated by the fund has significantly contributed to research and Extension work beneficial to fruit growers in Michigan. Gifts to the fund are tax deductible on federal income tax returns. For more information on the fund, you can visit the Michigan State Horticultural Society's booth in the trade show.

Trade Show Booth in Grand Gallery

MSHS TRUST FUND COMMITTEE

Chairman

Larry Bodtke

Trustee

Steve Hunt

Trustee

Mark Miezio

Trustee Emeritus

Allyn Anthony

MSHS Liason

Mark Evans

Treasurer

Kate Link

Secretary

Ben Smith

MICHIGAN VEGETABLE COUNCIL FUND

The Michigan Vegetable Council (MVC) Fund was established in 2003 to support research and education programs that benefit Michigan vegetable growers. It is an endowed fund and is part of the endowed funds managed by the Fremont Area Community Foundation, which is one of the largest community foundations in the country. Gifts to the fund are tax deductible on federal income tax returns. The first grants were made from the MVC Fund in 2008. To help grow the fund, the Michigan Vegetable Council has matched all gifts received from individuals and businesses. In addition, the Fremont Area Community Foundation matches memorial gifts up to \$500 per donor per year. For more information on the fund, you can visit the Michigan Vegetable Council's booth in the trade show.

Trade Show Booth in Grand Gallery

TRADE SHOW PRODUCT CATEGORIES

- A** = C.A. & Refrigeration Equipment
- B** = Crop Protection & Post Harvest
- C** = Fertilizers & Plant Foods
- D** = Farm Equipment & Crop Protection Equipment
- E** = Farm Market Products & Equipment, Entertainment Farming
- F** = Packing House Equipment
- G** = Packaging
- H** = Greenhouse & Supplies
- I** = Growing Mediums
- J** = Harvesting/Picking
- K** = Irrigation
- L** = Nursery Stock & Rootstocks
- M** = Orchard Management, Supplies & Software
- N** = Organic Related
- O** = Blueberry Related
- P** = Plants
- Q** = Seeds
- R** = Pollination
- S** = Pruning & Vineyard Equipment
- T** = Financial Services and Insurances
- U** = Government, College Depts. & Non-Profits
- V** = Others

TRADE SHOW BOOTH LOCATIONS

Farm Market and More Exhibit Hall: Booth numbers 1-97

Main Exhibit Hall: Booth numbers E1-E18, 99-1551



Scan this code to go to the Exhibitor Map
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TRADE SHOW EXHIBITORS

AS OF NOV.3, 2023

A1 Mist Sprayers (Co.name: Valley Industries)	344 & 346
A & B Packing Equipment.....	937-947 (odds) and 1036-1046 (evens)
A&D Honey Farms	511
Acadian Plant Health.....	612
Action Molding.....	1028
Adams County Nursery.....	217 & 219
Advancing Alternatives	1320
AEF Global Biopesticides.....	1035
AgBiome.....	1128
Ag Nutrition, LLC	518
Ag Resource Management	605
Agricultural Preservation of Kent & Ottawa Counties.....	FM 94
Agri Spray Drones	1150 & 1152
AGRO-100 Global Inc.	835
AgroFresh Solutions.....	301 & 303
Agro-K Corporation	704
AgroLiquid	1112 & 1114
AgXplore	1032
AIM4G, LLC.....	409
Albuna Plant Farm	1226
Allthread Ink	FM 74
Al-Par Peat Co.	1104 & 1106
ALPEN Swiss Tools by Brookdale.....	1136
Alta Material Handling	645, 647, 744, 746
A.M.A. Horticulture Inc.	1328
American Bedding MFG.....	203
American Farm Bureau Foundation for Agriculture	FM 53
American Takii, Inc	515 & 517
Amish Country Dairy	FM 14
AMVT, LLC.....	1302
Aqueus LLC	1872
Argent Tape & Label.....	317
Arlene Resource Management.....	911-915 (odds)
Armando Alvarez Group.....	1309

AROO Company LLC	906
ASA-Lift & Spudnik Equipment	1246
Atlas Greenhouse.....	1311
Atticus, LLC.....	1206
Avian Enterprises, LLC	1209
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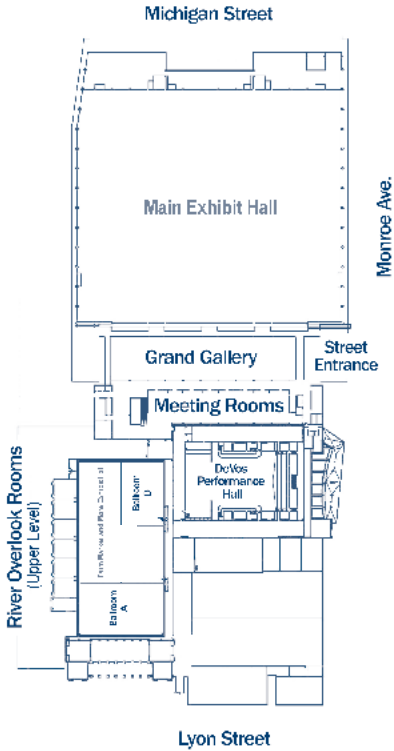


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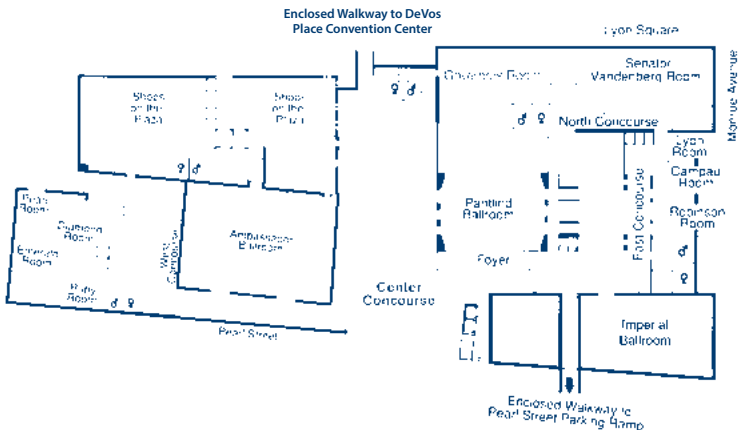
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