

Empire State Producers Expo

EXPO



January 16-18, 2018

SRC Arena & Event Center, Syracuse, New York



WELCOME TO THE 2018 EMPIRE STATE PRODUCERS EXPO!

GROWING FOR THE HEALTH OF NEW YORK

EDUCATIONAL SESSIONS – All educational session will be held at the SRC Arena & Events Center.

DEC pesticide recertification credits and Certified Crop Advisor credits will be available. Attendance throughout a session is required for DEC credits.

TRADE SHOW – Will be on the main floor of the SRC Arena. Over 150 Exhibitors will be present to visit with growers from 8:00 AM – 5:00 PM on January 16, 8:00 AM – 5:00 PM on January 17, and from 8:00 AM – 1:30 PM on January 18.

LUNCH – Will be available for purchase in the SRC Arena main floor. Lunch is not included in your EXPO registration.

ON-SITE PARKING – Free on-site parking is available. Alternatively, overnight guests can park for free at the Holiday Inn, 441 Electronics Parkway Liverpool, 13057, (315) 457-1122, and take the free shuttle bus to the SRC Areana.

HOLIDAY INN SHUTTLE SCHEDULE TO SRC ARENA: The shuttle bus runs continuous loops every morning at 7:30am, 8am, 8:30am, 9am and 9:30am. It will run continuous loops in the afternoon at 3:45pm, 4:15pm, 4:45pm, 5:15pm and 5:45pm (Tuesday and Wednesday). On Thursday the afternoon shuttles will leave at 3:30pm, 3:45pm, 4:15pm, 4:30pm and 5:15pm. The shuttle bus ride is about 15 minutes

LODGING – The official hotel for the Empire State Producers Expo is The Holiday Inn Liverpool (Thurway) (complementary shuttle to Expo). 37 Electronics Parkway Exit of the Thruway. Rooms are available for \$100 per night. The cutoff date for booking is December 18, 2017. Contact the Holiday Inn at 315-457-1122 and ask for the Expo Rate. Open parking lot with free parking. Hotel to provide dedicated shuttle to Expo.

Monday, January 15

BECKER FORUM – FARM EMPLOYMENT PRACTICES: PLANNING FOR THE FUTURE

HOLIDAY INN CONVENTION CENTER, LIVERPOOL

441 Electronics Parkway, Liverpool, NY 13088

- 8:30 AM** **Registration and Refreshments**
- 9:00 AM** **Welcome and Introduction**
Industry Involvement in State Level Labor Issues
Rick Zimmerman, New York State Vegetable Growers
- 9:20 AM** **Review of Key Labor Regulations and Regulatory Changes**
Belén Ledezma, New York State Monitor Advocate, NYDOL
- 10:00 AM** **Break**
- 10:15 AM** **How Will USDA be Involved in Agricultural Labor Policy?**
Kristi Boswell, Special Assistant to the U.S. Secretary of Agriculture
- 10:55 AM** **Federal Labor Regulations New Programs, Overview of Forms, New Laws, etc., Regulations and Posting Requirements**
Ann Margaret Pointer, Attorney with Fisher Phillips
- 11:45 AM** **Lunch**
- 12:45 PM** **Guidelines for Making Housing Work and How to Improve Farm Worker Housing with H-2A in Mind**
- 1:25 PM** **How Other Regions of the United States are Using H-2A**
Kameron and Mark Martens, Agri-Placements, Oklahoma
- 2:05 PM** **Review of the H-2A Process**
Kristi Boswell, Special Assistant to the U.S. Secretary of Agriculture
Belén Ledezma, New York State Monitor Advocate, NYDOL
- 2:45 PM** **Break**
- 3:00 PM** **Producer Panel: Current Status of H-2A and a Few Basics**
Moderator: Paul Baker, Cornell
Panelists: Kathleen Walker, Lakeview Orchards, Burt, NY
Allison DeMarree, DeMarree Fruit Farms, Williamson, NY
Dan Henry, W.D. Henry & Sons Inc., Eden, NY
- 3:50 PM** **Speaker Roundtable – Questions and Answers with All of the Speakers**
- 4:30 PM** **Adjourn**

Tuesday, January 16

Registration opens at 8:00 AM
 Trade Show | 8:00 AM - 5:00 PM
 PSA Training | 9:00 AM - 5:30 PM
 Educational Sessions | 9:00 AM - 5:00 PM

- 9:00 AM **Produce Safety Alliance (PSA) Training**
 Snap Beans/Peas
 Berry Session I: Industry Trends
 Emerging Markets – Hops
 Tomatoes: Transplants, Trellis and Varieties

- 10:15 AM **Break and Visit Trade Show**

- 10:45 AM **Cabbage**
 Berries Session II – Weed Management
 Emerging Markets – Malting Barley
 Tomatoes: Mulch, Water and Weed Control

- 12:00 PM **Lunch and Visit Trade Show**

- 2:00 PM **Beets/Carrots**
 Berry Session III – Soil and Plant Health
 Emerging Markets – Profitable Log-Grown Shitake Mushrooms
 Tomatoes: Disease, Pests, Prevention

- 3:15 PM **Break and Visit Trade Show**

- 3:45 PM **Weed Management**
 Berry Session IV – Spotted Wing Drosophila (SWD) Farmer to Farmer
 Emerging Markets – Hemp
 Tomatoes: Moving from Field to Market for a Profit

Tuesday, January 16, 2018					
Time	Allyn Hall Gym	MP Room 9	Otis Suite 10	A182	A292
9:00 AM	SNAP BEANS/PEAS	BERRY SESSION I	HOPS	PSA GROWER TRAINING COURSE	TOMATOES
10:15 AM BREAK AND VISIT TRADE SHOW					
10:45 AM	CABBAGE	BERRY SESSION II	MALTING BARLEY	PSA GROWER TRAINING COURSE	TOMATOES
12:00 PM LUNCH AND VISIT TRADE SHOW					
2:00 PM	BEETS/CARROTS	BERRY SESSION III	SHIITAKE MUSHROOMS	PSA GROWER TRAINING COURSE	TOMATOES
3:15 PM BREAK AND VISIT TRADE SHOW					
3:45 PM	WEED MANAGEMENT	BERRY SESSION IV	HEMP	PSA GROWER TRAINING COURSE	TOMATOES

Wednesday, January 17

Registration opens at 8:00 AM
 Trade Show | 8:00 AM - 5:00 PM
 PSA Training | 9:00 AM - 5:30 PM
 Educational Sessions | 9:00 AM - 5:00 PM

- 9:00 AM **Sweet Corn**
Using CSF and NEWA Online Tools
High Tunnel
Marketing to Millennials

- 10:15 AM **Break and Visit Trade Show**

- 10:45 AM **Scope of What the Washington Fruit Industry is Doing: Past, Present and Future**
Onion SLB Fungicide Resistance Workshop
Biopesticides
Greenhouse
The Business Side of Cut Flower Farming

- 12:00 PM **Lunch and Visit Trade Show**

- 2:00 PM **Fruit Quality – Fruit Finish Issues**
Onion Pest Management
Talking to Customers about GMOs
Greenhouse
Biological Control of Insects in Cut Flower Farming

- 3:15 PM **Break and Visit Trade Show**

- 3:45 PM **Tree Fruit IPM: Sudden Apple Decline**
Onion Feature Presentation
New Soil Health Innovations, Initiatives, and Farmer Networking
Precision Irrigation
Weed Management and Soil Health in Cut Flower Production

Wednesday, January 17, 2018					
Time	Allyn Hall Gym	MP Room 9	Otis Suite 10	A292	A296
9:00 AM		SWEET CORN	CSF AND NEWA	HIGH TUNNEL	MARKETING TO MILLENNIALS
10:15 AM BREAK AND VISIT TRADE SHOW					
10:45 AM	TREE FRUIT	ONIONS	BIOPESTICIDES	GREENHOUSE	CUT FLOWER
12:00 PM LUNCH AND VISIT TRADE SHOW					
2:00 PM	TREE FRUIT	ONIONS	GMO	GREENHOUSE	CUT FLOWER
3:15 PM BREAK AND VISIT TRADE SHOW					
3:45 PM	TREE FRUIT	ONIONS	SOIL HEALTH	PRECISION AG	CUT FLOWER

Thursday, January 18

- 9:00 AM **Technologies to Reduce Production Risks Associated with Weather**
Soil Health
Root Crops
Beginning Farmer Track
Social Media Marketing – Being Proactive Instead of Reactive
- 10:15 AM **Break and Visit Trade Show**
- 10:45 AM **Tree Fruit IPM II: Chemical Control**
Wildlife Management
Vine Crops
Beginning Farmer Track
Unique Marketing Opportunities
- 12:00 PM **Lunch and Visit Trade Show**
- 2:00 PM **Hard Cider – Session I**
Beginning Farmer Track
- 3:15 PM **Hard Cider – Intersession (PWT Working Group)**
- 3:45 PM **Hard Cider – Session 2 Tasting**

Thursday, January 18, 2018					
Time	Allyn Hall Gym	MP Room 9	Otis Suite 10	A292	A296
9:00 AM	TREE FRUIT	SOIL HEALTH	ROOT CROPS	BEGINNING FARMER	SOCIAL MEDIA MARKETING
10:15 AM BREAK AND VISIT TRADE SHOW					
10:45 AM	TREE FRUIT	WILDLIFE	VINE CROPS	BEGINNING FARMER (TRADE SHOW FLOOR)	UNIQUE MARKETING OPPORTUNITIES
12:00 PM LUNCH AND VISIT TRADE SHOW					
2:00 PM		HARD CIDER		BEGINNING FARMER	
3:15 PM HARD CIDER PWT MEETING					
3:45 PM		HARD CIDER		BEGINNING FARMER	

2018 EXPO SCHEDULE OVERVIEW

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MONDAY, JANUARY 15

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Moderator: Paul Baker, Cornell
Panelists: Kathleen Walker, Lakeview Orchards, Burt, NY
Allison DeMarree, DeMarree Fruit Farms, Williamson, NY
Dan Henry, W.D. Henry & Sons Inc., Eden, NY
- 3:50 PM** **Speaker Roundtable – Questions and Answers with All of the Speakers**
- 4:30 PM** **Adjourn**

TUESDAY, JANUARY 16

PRODUCE SAFETY ALLIANCE GROWER TRAINING COURSE

A182

Session organized by Craig Kahlke and Robert Hadad, CCE, and Elizabeth Bihn, Cornell

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|-----------------|---|
| 9:00 AM | Module 1: Introduction to Produce Safety |
| 10:00 AM | Module 2: Worker Health, Hygiene, and Training |
| 11:15 AM | Module 3: Soil Amendments |
| 12:45 PM | Module 4: Wildlife, Domestic Animals, and Land Use |
| 1:30 PM | Module 5: Agricultural Water - Part I: Production Water |
| 2:30 PM | Module 5: Agricultural Water - Part 2: Postharvest Water |
| 3:30 PM | Module 6: Postharvest Handling and Sanitation |
| 4:30 PM | Module 7: How to Develop a Farm Food Safety Plan |
| 5:15 PM | Final Questions and Evaluations |
| 5:30 PM | Adjourn |

DEC credits applied

TUESDAY, JANUARY 16

SNAP BEANS/PEAS

ALLYN HALL GYM

Session organized by Julie Kikkert, CCE

- 9:00 AM** **Announcements and DEC Credit Sign-up**
Julie Kikkert, CCE
- 9:05 AM** **Weed Management Update for Processing Green Peas and Snap Beans in 2018**
Mark VanGessel, University of Delaware, Georgetown, DE
- 9:30 AM** **Status of Cucumber Mosaic Virus in Snap Beans in New York and Wisconsin**
Brian Nault, Cornell
Russell Groves, University of Wisconsin, Madison, WI
Research supported by New York Vegetable Research Association/Council
- 9:50 AM** **Progress in the Application of Remote Sensing to White Mold Management in Snap Beans**
Ethan Hughes, Rochester Institute of Technology, Rochester, NY
Jan van Aardt, Rochester Institute of Technology, Rochester, NY
Carl Salvaggio, Rochester Institute of Technology, Rochester, NY
Sarah Pethybridge, Cornell
Julie Kikkert, CCE
Research supported by USDA USDA NIFA Critical Agricultural Research and Extension Grants Program
- 10:15 AM** **Adjourn**
DEC credits applied
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BERRY SESSION I – INDUSTRY TRENDS

MP ROOM 9

Session organized by Laura McDermott, CCE

- 9:00 AM** **Welcome and DEC Credit Sign-up**
- 9:05 AM** **Berry Industry Trends: Creating Opportunities for NYS Growers**
Courtney Weber, Cornell
- 9:35 AM** **Extending the Strawberry Production Season in the Northeastern U.S.**
Kaitlyn Orde, University of New Hampshire, Durham, NH
- 10:05 AM** **NYS Berry Growers Association Annual Meeting**
Dale Ila Riggs, NYSBGA, Stephentown, NY
- 10:15 AM** **Adjourn**
DEC credits applied

TUESDAY, JANUARY 16

EMERGING MARKETS - HOPS

OTIS SUITE 10

Session organized by Lily Calderwood, CCE

- 9:00 AM** **Welcome and NEHA sign-up**
Lily Calderwood, CCE
- 9:05 AM** **Serious Hop Production and Our Approach to Fertility at Pedersen Farms**
Rick Pedersen, Pedersen Farms, Seneca Castle, NY
- 9:40 AM** **Lessons on Hop Harvest Timing**
Lily Calderwood, CCE
- 10:15 AM** **Adjourn**
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TOMATOES: TRANSPLANTS, TRELLIS AND VARIETIES

A292

Session organized by Amy Ivy, Crystal Stewart, and Teresa Rusinek, CCE

- 9:00 AM** **Welcome**
Crystal Stewart, CCE
- 9:05 AM** **Announcements and DEC Credit Sign-up**
Amy Ivy, CCE
- 9:10 AM** **What's New from Industry?**
- 9:15 AM** **Growing Tomato Transplants at Maple Lane Produce**
Nelson Hoover, Maple Lane Produce, Penn Yan, NY
- 9:30 AM** **Discussion Breakout 1: Tomato Varieties, Trellis & Support, Transplant Production**
Nelson Hoover, Maple Lane Farm, Penn Yan, NY
Amy Ivy, CCE
Crystal Stewart, CCE
Teresa Rusinek, CCE
- 9:50 AM** **Discussion Breakout 2 Rotate: Tomato Varieties, Trellis & Support, Transplant Production**
Nelson Hoover, Maple Lane Produce, Penn Yan, NY
Amy Ivy, CCE
Crystal Stewart, CCE
Teresa Rusinek, CCE
- 10:15 AM** **Adjourn**
DEC credits applied

TUESDAY, JANUARY 16

CABBAGE

ALLYN HALL GYM

Session organized by Christy Hoepting, CCE

- 10:45 AM** **Announcements and DEC Credit Sign-up**
Christy Hoepting, CCE
- 10:50 AM** **Control of Ragweed with Pre-emergent Herbicides**
Christy Hoepting, CCE
Darcy Telenko, CCE
Research supported by CRDP
- 11:05 AM** **What's New from Industry?**
- 11:10 AM** **Reminders of New Worker Protection Standards (WPS) for 2018 as They Affect Cabbage Production**
Donald Nelson, PCSII, NYS DEC, Region 7, Cortland, NY
- 11:40 AM** **Varietal Tolerance to Black Rot: The Difference Variety Makes**
Christine Smart, Cornell
Holly Lange, Cornell
Research supported by CRDP
- 12:00 PM** **Adjourn**
DEC credits applied
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BERRY SESSION II - WEED MANAGEMENT

MP ROOM 9

Session organized by Laura McDermott and James O'Connell, CCE

- 10:45 AM** **Considerations for Adapting a Rolled Mulch System for Berry Crops**
John Wallace, Cornell
- 11:15 AM** **Abrasive Weeding - Air-propelled Abrasive Grits Reduce Weed Abundance and Increase Yields**
Sam Wortman, University of Nebraska, Lincoln, NE
- 11:45 AM** **What's New from Industry?**
- 12:00 PM** **Adjourn**
DEC credits applied

TUESDAY, JANUARY 16

EMERGING MARKETS – MALTING BARLEY: TECHNICAL UPDATES, ECONOMICS AND OPPORTUNITIES

OTIS SUITE 10

Session organized by Cheryl Thayer, CCE

Research and Extension activities supported by New York State Department of Ag & Markets, Genesee Valley Regional Market Authority, and NYFVI

10:45 AM **Malting Barley 101: A Brief Introduction Highlighting the Current State of the Craft Beer Supply Chain**

Cheryl Thayer, CCE

10:55 AM **Malting Barley Production Economics**

John Hanchar, CCE

11:15 AM **Integrating Malting Barley into Your Crop Rotation**

Corey Mosher, Mosher Farms, Bouckville, NY

11:25 AM **Report Card from Commercial Field Surveys: Are We Achieving Malt Quality Specs?**

Gary Bergstrom, Cornell

11:40 AM **Highlights and Recommendations from the Empire State Barley and Malt Summit**

Gary Bergstrom, Cornell

11:50 AM **Questions of the Panel**

John Hanchar, CCE

Corey Mosher, Mosher Farms, Bouckville, NY

Gary Bergstrom, Cornell

12:00 PM **Adjourn**

DEC credits applied

TUESDAY, JANUARY 16

TOMATOES: MULCH, WATER AND WEED CONTROL

A292

Session organized by Amy Ivy, Crystal Stewart, and Teresa Rusinek, CCE

- 10:45 AM** **Welcome**
Crystal Stewart, CCE
- 10:50 AM** **Announcements and DEC Credit Sign-up**
Amy Ivy, CCE
- 10:55 AM** **What's New from Industry?**
- 11:00 AM** **Experiences with Bio-degradable Mulch on 45 Acres at Sunscape Farms**
Nate Savage, Sunscape Farms, Rochester, NY
- 11:20 AM** **Breakout 1: Tomato Weed Control, Mulching, Water Management**
Nate Savage, Sunscape Farms, Rochester, NY
Amy Ivy, CCE
Crystal Stewart, CCE
Teresa Rusinek, CCE
- 11:40 AM** **Breakout 2 Rotate: Tomato Weed Control, Mulching, Water Management**
Nate Savage, Sunscape Farms, Rochester, NY
Amy Ivy, CCE
Crystal Stewart, CCE
Teresa Rusinek, CCE
- 12:00 PM** **Adjourn**
DEC credits applied
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BEETS/CARROTS

ALLYN HALL GYM

Session organized by Julie Kikkert, CCE

- 2:00 PM** **Announcements and DEC Credit Sign-up**
- 2:05 PM** **Controlling Weeds in Small-seeded Crops Using Cultivation**
Bryan Brown, NYS IPM Program
Daniel Brainard, Michigan State University, East Lansing, MI
Sam Hitchcock Tilton, Michigan State University, Lansing, MI
Research supported in part by USDA NIFA OAREI Competitive Grant
- 2:35 PM** **What's New from Industry?**

TUESDAY, JANUARY 16, CONT.

2:40 PM **Incorporating Reduced Risk Insecticides into Carrot Pest Management**
Russell Groves, University of Wisconsin, Madison, WI

3:10 PM **Question and Answer Period**

3:15 PM **Adjourn**
DEC credits applied

BERRY SESSION III – SOIL AND PLANT HEALTH

MP ROOM 9

Session organized by Laura McDermott, CCE

2:00 PM **Announcements and DEC Credit Sign-up**

2:05 PM **Why Can't I Grow Strawberries Anymore? Results of Strawberry Survey in Eastern NY**
Laura McDermott, CCE
Research supported by NYFVI

2:25 PM **Diagnosing and Managing Soilborne Pathogens**
Kerik Cox, Cornell

2:55 PM **Hands-on Diagnostics**
Kerik Cox, Cornell

3:15 PM **Adjourn**
DEC credits applied

EMERGING MARKETS – PROFITABLE LOG-GROWN SHIITAKE MUSHROOMS

OTIS SUITE 10

Session organized by Steve Gabriel, Cornell Small Farm Program

2:00 PM **Profitable Log-Grown Shiitake Mushrooms**
Steve Gabriel, Cornell Small Farm Program
Mariann Garrison-Johnston, Wintonbury Farm, Philadelphia, NY
Ron Delaney, Tiny House Farm, Augusta, NY
Research supported by USDA Specialty Crop Block Grant Administered by NYS and NYFVI

3:15 PM **Adjourn**

TUESDAY, JANUARY 16

TOMATOES: DISEASES, PESTS, PREVENTION

A292

Session organized by Amy Ivy, Crystal Stewart, and Teresa Rusinek, CCE

- 2:00 PM** **Welcome**
Crystal Stewart, CCE
- 2:05 PM** **Announcements and DEC Credit Sign-up**
Amy Ivy, CCE
- 2:10 PM** **What's New from Industry?**
- 2:15 PM** **Developments in Bacterial Diseases of Tomatoes**
Christine Smart, Cornell
- 2:35 PM** **Breakout 1: Tomato Diseases, Pests, Cultural Considerations**
Christine Smart, Cornell
Amy Ivy, CCE
Crystal Stewart, CCE
Teresa Rusinek, CCE
- 2:55 PM** **Breakout 2 Rotate: Tomato Diseases, Pests, Cultural Considerations**
Christine Smart, Cornell
Amy Ivy, CCE
Crystal Stewart, CCE
Teresa Rusinek, CCE
- 3:15 PM** **Adjourn**
DEC credits applied
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WEED MANAGEMENT

ALLYN HALL GYM

Session organized by Julie Kikkert and Darcy Telenko, CCE

- 3:45 PM** **Announcements and DEC Credit Sign-up**
Julie Kikkert, CCE
- 3:50 PM** **Emerging Weeds in NY Cropping Systems: Identification, Control and Management Options**
John Wallace, Cornell
- 4:50 PM** **Question and Answer Period**
- 5:00 PM** **Adjourn**
DEC credits applied

TUESDAY, JANUARY 16

BERRY SESSION IV – SPOTTED WING DROSOPHILIA (SWD) FARMER TO FARMER

MP ROOM 9

Session organized by Laura McDermott and Jim O'Connell, CCE

3:45 PM **Farmer to Farmer Discussion: Managing SWD – Is it Possible on U-Pick and Diverse Fresh Market Farms? Share Successes and Challenges with Other Growers in this Informal, Guided Conversation Format**

5:00 PM **Adjourn**

DEC credits applied

EMERGING MARKETS - HEMP

OTIS SUITE 10

Session organized by Maire Ullrich, CCE

3:45 PM **Welcome**

3:50 PM **Cornell Research Update on Hemp**

Christine Smart, Cornell

4:10 PM **2 Years of Hemp - Insights from JD Farms**

Dan Dolgin and Mark Justh, JD Farms, Eaton, NY

4:25 PM **Planting Hemp in 2018 - Rules & Regulations**

NYS Department of Agriculture & Markets, Albany, NY

4:45 PM **2018 and Beyond - Processing and Market Potential**

Judson Reid and Cheryl Thayer, CCE

5:00 PM **Adjourn**

TUESDAY, JANUARY 16

TOMATOES: MOVING FROM FIELD TO MARKET FOR A PROFIT

A292

Session organized by Amy Ivy, Crystal Stewart, and Teresa Rusinek, CCE

- 3:45 PM** **Welcome**
Crystal Stewart, CCE
- 3:50 PM** **Announcements and DEC Credit Sign-up**
Amy Ivy, CCE
- 3:55 PM** **What's New from Industry?**
- 4:00 PM** **Fresh Ideas for Marketing Tomatoes at Plowbreak Farm**
Kara Cusolito, Plowbreak Farm, Burdett, NY
- 4:20 PM** **Breakout 1: Tomato Harvesting Procedures, Increasing Sales for Retail & Wholesale, Profitability Tips from Field to Market**
Amy Ivy, CCE
Crystal Stewart, CCE
Teresa Rusinek, CCE
Elizabeth Higgins, CCE
Kara Cusolito, Plowbreak Farm, Burdett, NY
- 4:40 PM** **Breakout 2 Rotate: Tomato Harvesting Procedures, Increasing Sales for Retail & Wholesale, Profitability Tips from Field to Market**
Amy Ivy, CCE
Crystal Stewart, CCE
Teresa Rusinek, CCE
Elizabeth Higgins, CCE
Kara Cusolito, Plowbreak Farm, Burdett, NY
- 5:00 PM** **Adjourn**
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POSTER SESSION

2ND FLOOR ABOVE TRADESHOW

Eastern Broccoli Project

Christy Hoepfing,

New Soil Health Innovations and Initiatives

David Wolfe, Cornell

iPiPE – A New Source for Local and National Pest Information

David Ludwig, Intern CCE, Darcy Telenko, CCE

WEDNESDAY, JANUARY 17

SWEET CORN

MP ROOM 9

Session organized by Marion Zuefle, NYS IPM Program, and Julie Kikkert, CCE

- 9:00 AM** **Announcements and DEC Credit Sign-up**
Marion Zuefle, NYS IPM Program
- 9:05 AM** **Managing Corn Earworm Using GMO Varieties, Conventional and OMRI-approved Insecticides in Sweet Corn**
Brian Nault, Cornell
Dan Olmstead, NYS IPM Program
Abby Seaman, NYS IPM Program
Research supported by New York Vegetable Research Association/Council
- 9:35 AM** **What's New from Industry?**
- 9:40 AM** **Herbicide Options for Sweet Corn in 2018**
Mark VanGessel, University of Delaware, Georgetown, DE
- 10:10 AM** **Adjourn**
DEC credits applied
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USING CSF AND NEWA ONLINE TOOLS TO UNDERSTAND SHORT- AND LONG-TERM CROP RISKS ON YOUR FARM

OTIS SUITE 10

Session organized by Dan Olmstead, NYS IPM Program, Allison Chatrchyan, Cornell Institute for Climate Smart Solutions

- 9:00 AM** **Welcome**
Dan Olmstead, NYS IPM Program
Allison Chatrchyan, Cornell Institute for Climate Smart Solutions
- 9:05 AM** **Short-term Crop Risk Management with NEWA Online Tools**
Dan Olmstead, NYS IPM Program
Research supported by New York State Department of Agriculture and Markets
- 9:40 AM** **Long-term Crop Risk Management with CSF Online Tools**
Allison Chatrchyan, Cornell Institute for Climate Smart Solutions
- 10:15 AM** **Adjourn**
DEC credits applied

WEDNESDAY, JANUARY 17

HIGH TUNNEL

A292

Session organized by Judson Reid and Amy Ivy, CCE

- 9:00 AM** **Announcements and DEC Credit Sign-up**
Judson Reid, CCE
- 9:05 AM** **Long-term High Tunnel Soil Nutrient Management**
Judson Reid, CCE
Research supported by NYFVI in collaboration with NOFANY
- 9:30 AM** **High Tunnel Cherry Tomato Production at Sunscape Farm**
Nate Savage, Sunscape Farms, Rochester, NY
- 10:00 AM** **Pruning Research Update - Cherry Tomatoes**
Amy, Ivy, CCE
Research supported by NNY ADP
- 10:15 AM** **Adjourn**
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MARKETING TO MILLENNIALS

A296

Session organized by Megan Burley, CCE

- 9:00 AM** **Welcome**
Megan Burley, CCE
- 9:05 AM** **Blue Apron - Ingredient and Recipe Meal Kit Service**
Jill Gould, Blue Apron, Senior Manager on The Farm Partnerships Team, New York, NY
- 10:15 AM** **Adjourn**

WEDNESDAY, JANUARY 17

SCOPE OF WHAT THE WASHINGTON FRUIT INDUSTRY IS DOING: PAST, PRESENT, AND FUTURE

ALLYN HALL GYM

Session organized by Mario Miranda Sazo, CCE

- 10:45 AM** **Business Plans in Pursuit of Excellence**
Tom Auvil, North American Plants, OR
- 11:25 AM** **Creating and Managing High Performance Orchards**
Tom Auvil, North American Plants, OR
- 12:00 PM** **Adjourn**
-

ONION SLB FUNGICIDE RESISTANCE WORKSHOP

MP ROOM 9

Session organized by Christy Hoepting, CCE

- 10:45 AM** **Announcements and DEC Credit Sign-up**
Christy Hoepting, CCE
- 10:50 AM** **Managing Stemphylium Leaf Blight of Onion with Fungicides in New York Featuring 2017 Trial Results**
Christy Hoepting, CCE
Research supported by NYFVI
- 11:05 AM** **Current Status of Fungicide Resistance to Stemphylium Leaf Blight of Onion in New York**
Frank Hay, Cornell
Research supported by NYFVI
- 11:25 AM** **Fungicide Resistance Theory: How Best to Preserve the Longevity of our Fungicide Classes**
Kerik Cox, Cornell
- 11:50 AM** **Putting It All Together: Improved SLB Fungicide Program - Effective, Affordable, and with Best Resistance Management Practices**
Christy Hoepting, CCE
Frank Hay, Cornell
Kerik Cox, Cornell
- 12:00 PM** **Adjourn**
DEC credits applied

WEDNESDAY, JANUARY 17

BIOPESTICIDES: HOW THEY WORK, WHY THEY DON'T, AND IMPORTANCE OF FORMULATION ON ACTIVITY AND USE

OTIS SUITE 10

Session organized by Darcy Telenko, CCE

- 10:45 AM** **Announcements and DEC Credit Sign-up**
Darcy Telenko, CCE
- 10:50 AM** **Biocontrols of Soilborne Plant Diseases: How They Work...and When They Don't**
Alyssa Collins, Penn State University, Manheim, PA
- 11:25 AM** **Formulations of Biologicals and Their Impact on Activity**
Mila Pearce, BASF, Research Triangle Park, NC
- 11:55 AM** **What's New from Industry?**
- 12:00 PM** **Adjourn**
DEC credits applied
-

GREENHOUSE

A292

Session organized by Neil Mattson, Cornell

- 10:45 AM** **Announcements and DEC Credit Sign-up**
Neil Mattson, Cornell
- 10:50 AM** **Developing an Integrated Pest Management Plan for Your Vegetable Greenhouse**
Elizabeth Lamb, NYS IPM
Research supported by NESARE
- 11:25 AM** **Beneficial Nematodes: A Tool to Control Several Greenhouse Vegetable Pests**
John Sanderson, Cornell
Research supported by NYFVI
- 12:00 PM** **Adjourn**
DEC credits applied

WEDNESDAY, JANUARY 17

THE BUSINESS SIDE OF CUT FLOWER FARMING

A296

Session organized by Dana Dore-Hadad, Chicory Blue Gardens, and Lily Calderwood, CCE

10:45 AM **The Business Side of Cut Flower Farming**
Jamie Sammons, Jayflora Flower Farm, Fonda, NY
Jed Radliff, Jayflora Flower Farm, Fonda, NY

12:00 PM **Adjourn**

FRUIT QUALITY - FRUIT FINISH ISSUES

ALLYN HALL GYM

Session organized by Craig Kahlke, CCE

2:00 PM **Announcements and DEC Credit Sign-up**
Craig Kahlke, CCE

2:05 PM **Preventing Fruit Rots and Spray-associated Lenticel Issues in Apples**
Srdjan Acimovic, Cornell

2:40 PM **Managing Lenticel Issues**
Rob Blakey, Washington State University Extension, Prosser, WA

3:15 PM **Adjourn**
DEC credits applied

WEDNESDAY, JANUARY 17

ONION PEST MANAGEMENT

MP ROOM 9

Session organized by Christy Hoepting, CCE

- 2:00 PM** **Announcements and DEC Credit Sign-up**
Christy Hoepting, CCE
- 2:05 PM** **Highlights from 2017 Muck Onion Herbicide Trials**
Christy Hoepting, CCE
Research supported by ORDP
- 2:30 PM** **What's New from Industry?**
- 2:35 PM** **Unravelling the Interactions Among Variety, Fertility, Yield, Onion Thrips and Diseases, and Implications for Improved Management Practices**
Ashley Leach, Cornell
Brian Nault, Cornell
Research supported by NY SCBG and NESARE
- 3:15 PM** **Adjourn**
DEC credits applied
-

TALKING TO CUSTOMERS ABOUT GMOS

OTIS SUITE 10

Session organized by Maire Ullrich, CCE

- 2:00 PM** **Announcements and DEC Credit Sign-up**
- 2:05 PM** **Answering Customers and Media Questions about GMOs**
Samara Sit, Cornell
Maire Ullrich, CCE
- 3:15 PM** **Adjourn**

DEC credits applied

WEDNESDAY, JANUARY 17

GREENHOUSE

A292

Session organized by Neil Mattson, Cornell

- 2:00 PM** **Announcements**
Neil Mattson, Cornell
- 2:05 PM** **Lighting Greenhouse Crops: Costs, Benefits, and Is It Time to Dive into LEDs?**
Neil Mattson, Cornell
Research supported by NYSERDA
- 2:40 PM** **What Does It Cost to Heat a Greenhouse? And Strategies to Save on Heat**
Kale Harbick, Cornell
- 3:15 PM** **Adjourn**
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BIOLOGICAL CONTROL OF INSECTS IN CUT FLOWER FARMING

A296

Session organized by Dana Dore-Hadad, Chicory Blue Gardens, and Lily Calderwood, CCE

- 2:00 PM** **Announcements and DEC Credit Sign-up**
Lily Calderwood, CCE
- 2:05 PM** **Biological Control of Insects in Cut Flower Farming**
Carol Glienester, IPM Labs, Locke, NY
Research supported by NESARE
- 3:15 PM** **Adjourn**

1.25 DEC credits categories 10, 1a, 24, 3a

WEDNESDAY, JANUARY 17

TREE FRUIT IPM: SUDDEN APPLE DECLINE

ALLYN HALL GYM

Session organized by Tessa Grasswitz, CCE

- 3:45 PM** **Welcome and Announcements**
Tessa Grasswitz, CCE
- 3:48 PM** **Sudden Apple Decline: The Pennsylvania Experience**
Kari Peter, Penn State University, Biglerville, PA
- 4:28 PM** **Sudden Apple Decline: The New York Perspective**
Kerik Cox, Cornell
Tessa Grasswitz, CCE
Research supported, in part, by ARDP
- 4:55 PM** **What's New from Industry?**
- 5:00 PM** **Adjourn**
DEC credits applied
-

ONION FEATURE PRESENTATION

MP ROOM 9

Session organized by Christy Hoepting, CCE

- 3:45 PM** **Announcements and DEC Credit Sign-up**
Christy Hoepting, CCE
- 3:50 PM** **Onion Breeding in the 21st Century: Classical and New Approaches**
Michael J. Havey, USDA-ARS, University of Wisconsin, Madison, WI
- 4:40 PM** **Bacterial Disease Update: Surchlor Registered and Trialed - What is Causing the Problems?**
Steve Beer, Cornell
Jean Bonasera, Cornell
Jo Ann Asselin, Cornell
Research supported by NYFVI and ORDP
- 5:00 PM** **Adjourn**
DEC credits applied

WEDNESDAY, JANUARY 17

NEW SOIL HEALTH INNOVATIONS, INITIATIVES, AND FARMER NETWORKING

OTIS SUITE 10

Session organized by David Wolfe, Cornell

- 3:45 PM** **Welcome**
David Wolfe, Cornell
- 3:50 PM** **The New NYS Soil Health Initiative**
David Wolfe, Cornell
- 4:00 PM** **Tools for Choosing and Managing Cover Crops in Relation to Soil Health Goals**
Thomas Björkmann, Cornell
- 4:20 PM** **Grower Panel**
Moderator: Paul Salon, USDA-NRCS
- 4:50 PM** **Questions and General Discussion**
- 5:00 PM** **Adjourn**
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PRECISION IRRIGATION

A292

Session organized by Darcy Telenko, CCE

- 3:45 PM** **Welcome**
Darcy Telenko, CCE
- 3:50 PM** **Precision Irrigation Opportunities for Growers: How and Why We Should Irrigate - An Example in NY Orchards**
Jaume Lordan Sanahuja, Cornell
- 4:40 PM** **Using Soil Electrical Conductivity Measurements for Precision Water Management in Vegetable Crops - Year 1 Research Update**
Darcy Telenko, CCE
Erasmus Oware, University at Buffalo, Buffalo, NY
Ruoyo Ding, University at Buffalo, Buffalo, NY
Luis Cruz, USDA NRCS
John Whitney, USDA NRCS
Research supported by NYFVI
- 4:55 PM** **What's New from Industry?**
- 5:00 PM** **Adjourn**

WEDNESDAY, JANUARY 17

WEED MANAGEMENT AND SOIL HEALTH IN CUT FLOWER PRODUCTION

A296

Session organized by Dana Dore-Hadad, Chicory Blue Gardens, and Lily Calderwood, CCE

3:45 PM **Weed Management and Soil Health in Cut Flower Production**

Lily Calderwood, CCE

5:00 PM **Adjourn**

POSTER SESSION

2ND FLOOR ABOVE TRADESHOW

Eastern Broccoli Project

Christy Hoeping,

New Soil Health Innovations and Initiatives

David Wolfe, Cornell

iPiPE – A New Source for Local and National Pest Information

David Ludwig, Intern CCE

Darcy Telenko, CCE

THURSDAY, JANUARY 18

TECHNOLOGIES TO REDUCE PRODUCTION RISKS ASSOCIATED WITH WEATHER

ALLYN HALL GYM

Session organized by Mario Miranda Sazo, CCE

9:00 AM **Discussion: Potential Use of Hail Netting in the Northeast and Other Technologies to Reduce Production Risks Associated with Weather**

Tom Auvil, North American Plants, OR

Mario Miranda Sazo, CCE

Helios Group, Italy

Drape Net, Australia

10:15 AM **Adjourn**

SOIL HEALTH

MP ROOM 9

Session organized by Ryan Maher, Cornell Small Farms Program

9:00 AM **Cover Cropping in a Cold Climate - Practices at the Food Farm**

Janaki Fisher-Merritt, Food Farm, Wrenshall, MN

9:45 AM **Adapting Strip Tillage for Organic Vegetable Systems**

Ryan Maher, Cornell Small Farms Program

Research supported by USDA NIFA Organic Research and Extension Initiative

10:15 AM **Adjourn**

DEC credits applied

THURSDAY, JANUARY 18

ROOT CROPS

OTIS SUITE 10

Session organized by Charles Bornt, CCE

- 9:00 AM** **Announcements and DEC Credit Sign-up**
Charles Bornt, CCE
- 9:05 AM** **Root Crop Diseases: From Top to Bottom**
Sarah Pethybridge, Cornell
- 9:25 AM** **Cultivating Small Seeded Crops**
Bryan Brown, NYS IPM Program
- 9:55 AM** **Handling and Storing Root Crops**
Jason Plate, Bejo Seeds, Inc., Geneva, NY
- 10:15 AM** **Adjourn**
DEC credits applied
-

BEGINNING FARMER TRACK

A292

Session organized by Anu Rangarajan, Cornell, and Kat McCarthy, Cornell Small Farm Program

- 9:00 AM** **Welcome**
Kat McCarthy, Cornell Small Farm Program
- 9:05 AM** **Buying Equipment for Your Current and Future Scale of Operations Part A**
Shane LaBrake, Independent Consultant, Accokeek, MD
Research supported by NYFVI
- 10:15 AM** **Adjourn**

THURSDAY, JANUARY 18

SOCIAL MEDIA MARKETING - BEING PROACTIVE INSTEAD OF REACTIVE

A296

Session organized by Megan Burley, CCE

- 9:00 AM** **Welcome**
Megan Burley, CCE
- 9:05 AM** **Dealing with Social Media Criticisms**
Sarah Cornelisse, Penn State University, State College, PA
- 10:15 AM** **Adjourn**
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TREE FRUIT IPM II: CHEMICAL CONTROL

ALLYN HALL GYM

Session organized by Tessa Grasswitz, CCE

- 10:45 AM** **Welcome and announcements**
Tessa Grasswitz, CCE
- 10:47 AM** **Rainfastness of Insecticides and Other Weather-related Effects on Pesticide Efficacy**
John Wise, Michigan State University, Fennville, MI
- 11:27 AM** **New Chemical Control Products for Tree Fruit Pests**
Art Agnello, Cornell
Research supported, in part, by Agro-chemical industry
- 11:58 AM** **What's New from Industry?**
- 12:00 PM** **Adjourn**
DEC credits applied

THURSDAY, JANUARY 18

WILDLIFE MANAGEMENT

MP ROOM 9

Session organized by Darcy Telenko, CCE

- 10:45 AM** **Announcements and DEC Credit Sign-up**
Darcy Telenko, CCE
- 10:50 AM** **Minimizing Wildlife Impacts in Vegetables by Utilizing Repellency Tactics**
Darcy Telenko, CCE
Research supported by NYFVI
- 11:05 AM** **Update on Avipel Research in Corn**
Ken Wise, NYS IPM Program
- 11:30 AM** **Grower Panel: What Is and Isn't Working in Managing Wildlife on Our Farm**
Mark Zittel, W.D. Henry & Sons, Eden, NY
Bruce Reed, Reed's Farm, Geneva, NY
- 11:55 AM** **What's New from Industry?**
- 12:00 PM** **Adjourn**
DEC credits applied
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VINE CROPS

OTIS SUITE 10

Session organized by Charles Bornt, CCE

- 10:45 AM** **Announcements and DEC Credit Sign-up**
Charles Bornt, CCE
- 10:50 AM** **Fungus or Bacteria: Which is Which in My Vine Crops**
Christine Smart, Cornell
- 11:15 AM** **Tips for Handling and Storing Various Vine Crops**
Steve Reiners, Cornell
- 11:35 AM** **Managing Mildews with Resistant Varieties and Fungicides**
Margaret McGrath, Cornell
- 12:00 PM** **Adjourn**
DEC credits applied

THURSDAY, JANUARY 18

BEGINNING FARMER TRACK

TRADE SHOW FLOOR

Session organized by Anu Rangarajan, Cornell, and Kat McCarthy, Cornell Small Farm Program

- 10:45 AM** **Welcome**
Kat McCarthy, Cornell Small Farm Program
- 10:50 AM** **Buying and Scaling a Tractor and Appropriate Equipment Part B**
Shane LeBrake, Independent Consultant, Accokeek, MD
- 12:00 PM** **Adjourn**
-

UNIQUE MARKETING OPPORTUNITIES

A296

Session organized by Megan Burley, CCE

- 10:45 AM** **Welcome**
Megan Burley, CCE
- 11:00 AM** **Utilizing Corporate Business as a Marketing Outlet**
Allison Dehonney, Urban Fruits and Vegetables, Buffalo, NY
- 11:30 AM** **The Good Food Farmers Network - CSA Model**
Hilary Corsun, Dog Wood Farm, Old Chatham, NY
- 12:00 PM** **Adjourn**

THURSDAY, JANUARY 18

HARD CIDER - SESSION 1

MP ROOM 9

Session organized by Craig Kahlke, CCE

- 2:00 PM** **Welcome**
Gregory Peck, Cornell
- 2:05 PM** **The New York State Cider Supply Chain**
Lindsey Pashow, CCE
- 2:20 PM** **Breeding Apples for the Cider Industry**
Susan Brown, Cornell
- 2:35 PM** **Panel Discussion: Reflecting on England's Cider Orchards and How We Grow Cider Apples in NY**
Gregory Peck, Cornell
- 3:15 PM** **Adjourn**
-

HARD CIDER - INTERSESSION

MP ROOM 9

- 3:15 PM** **Hard Cider PWT Working Group Meeting**
- 3:45 PM** **Adjourn**
-

HARD CIDER - SESSION 2 TASTING

MP ROOM 9

Session organized by Craig Kahlke, CCE, and Gregory Peck, Cornell

- 3:45 PM** **Welcome and Tasting**
Gregory Peck, Cornell
- 5:00 PM** **Adjourn**

THURSDAY, JANUARY 18

BEGINNING FARMER TRACK

A292

Session organized by Kat McCarthy, Cornell Small Farm Program, and Anu Rangarajan, Cornell

- 2:00 PM** **Welcome**
Kat McCarthy, Cornell Small Farm Program
- 2:05 PM** **What is My Job? Writing Effective Job Descriptions**
Elizabeth Higgins, CCE
Research supported by Risk Management Education and USDA Beginning Farmer and Rancher Development Program
- 2:45 PM** **Marketing Your Farm Through Your Employee Handbook**
Kat McCarthy, Cornell Small Farm Program
Research supported by Risk Management Education and USDA Beginning Farmer and Rancher Development Program
- 3:15 PM** **Establishing Effective Training Plans**
Elizabeth Higgins, CCE
Research supported by Risk Management Education and USDA Beginning Farmer and Rancher Development Program
- 4:00 PM** **Adjourn**
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POSTER SESSION

2ND FLOOR ABOVE TRADESHOW

Eastern Broccoli Project
Christy Hoepfing,

New Soil Health Innovations and Initiatives
David Wolfe, Cornell

iPiPE – A New Source for Local and National Pest Information
David Ludwig, Intern CCE
Darcy Telenko, CCE