

## 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

## TUESDAY, JANUARY 16

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### PRODUCE SAFETY ALLIANCE GROWER TRAINING COURSE

**A182**

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

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

DEC credits applied

## TUESDAY, JANUARY 16

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### SNAP BEANS/PEAS

#### ALLYN HALL GYM

Session organized by Julie Kikkert, CCE

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- 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

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- 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

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### EMERGING MARKETS - HOPS

#### OTIS SUITE 10

Session organized by Lily Calderwood, CCE

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- 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

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- 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

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### CABBAGE

#### ALLYN HALL GYM

Session organized by Christy Hoepting, CCE

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- 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

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- 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

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### 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*

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**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

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### TOMATOES: MULCH, WATER AND WEED CONTROL

**A292**

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

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- 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

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- 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
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### BERRY SESSION III – SOIL AND PLANT HEALTH

#### MP ROOM 9

Session organized by Laura McDermott, CCE

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- 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
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### EMERGING MARKETS – PROFITABLE LOG-GROWN SHIITAKE MUSHROOMS

#### OTIS SUITE 10

Session organized by Steve Gabriel, Cornell Small Farm Program

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- 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

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### TOMATOES: DISEASES, PESTS, PREVENTION

**A292**

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

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- 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

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- 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

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

#### MP ROOM 9

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

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**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

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### EMERGING MARKETS - HEMP

#### OTIS SUITE 10

Session organized by Maire Ullrich, CCE

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**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**

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## TUESDAY, JANUARY 16

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### TOMATOES: MOVING FROM FIELD TO MARKET FOR A PROFIT

**A292**

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

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- 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

**2<sup>ND</sup> FLOOR ABOVE TRADESHOW**

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**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*