



Growing for the Health of New York

JANUARY 19-21, 2016

**Oncenter Convention Center
800 South State St.
Syracuse, NY 13202-3017
(315) 435-8000
www.oncenter.org**

Organized cooperatively by
**Cornell Cooperative Extension
Empire State Potato Growers
NYS Berry Growers Association
NYS Flower Industries, Inc.
NYS Horticultural Society
NYS Farmers' Direct Marketing Committee
NYS Vegetable Growers Association
Cornell University**



Welcome to the 2016
Empire State Producers Expo!
Growing for the Health
of New York

EDUCATIONAL SESSIONS – All educational sessions will be held in the Oncenter Convention Center unless otherwise noted. See pages 4 and 5 for a schedule overview.

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 in the Exhibit Hall at the Oncenter Convention Center. Over 150 exhibitors will be present to visit with growers from 8:00 AM - 5:00 PM on January 19, 8:00 AM - 5:00 PM on January 20, and from 8:00 AM - 1:30 PM on January 21.

LUNCH – Will be available for purchase in the Oncenter Exhibit Hall, where there will be a large seating area available. Lunch is not included with your Expo registration.

ON-SITE PARKING – A garage (\$5) is attached to the Oncenter via an enclosed walkway over State Street, but parking may be limited at times. Show your Expo badge when paying!

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 Oncenter, starting at 7:00 AM from the front door of the hotel. The shuttle bus ride is about 15 minutes. The Double Tree, located at 6301 State Route 298 East Syracuse, will also be offering free shuttle service upon request to overnight guests.

HOLIDAY INN SHUTTLE SCHEDULE TO ONCENTER:

The shuttle bus runs continuous loops every morning and afternoon between the Holiday Inn and the Oncenter Convention Center.

Tuesday, Jan. 19: 7 AM - 11 AM and 3 PM - 6 PM

Wednesday, Jan. 20: 7 AM - 11 AM and 3 PM - 6 PM

Thursday, Jan. 21: 8 AM - 11 AM and 3 PM - 6 PM

For maps, directions, lodging and on-site parking information, see pages 30-31.

For details, contact the NYS Vegetable Growers Association at (585) 993-0775

nysvegetablegrowers@gmail.com

Check out the Expo online at www.nysvga.org



2016 EXPO PROGRAM OVERVIEW

TUESDAY, JANUARY 19

Keynote Address
Dean Kathryn J. Boor
Cultivating Collaborations
9:00 AM - 10:00 PM Ballroom West

TUESDAY, JANUARY 19, ONCENTER

New York State Vegetable Growers Association
Meeting and Lunch
12:00 PM Rooms 7-8

TUESDAY, JANUARY 19, ONCENTER

New York State Beverage Sampling
2:30 PM - 3:30 PM Trade Show

TUESDAY, JANUARY 19

Trade Show
8:00 AM - 5:00 PM

WEDNESDAY, JANUARY 20

Trade Show
8:00 AM - 5:00 PM
Ice Cream Social in the Trade Show
2:30 PM - 3:30 PM

THURSDAY, JANUARY 21

Trade Show
8:00 AM - 1:30 PM

THURSDAY, JANUARY 21 - FEATURED SESSIONS

Hard Cider: Sales, Marketing, Production, and
Orchard Systems
9:00 AM - 11:00 AM Ballroom East

Berry Session
9:00 AM - 4:00 PM Ballroom West

Grow, Ferment, and Be Merry:
Hops and Grains for NYS Brewing and Distilling
1:00 PM - 4:40 PM Ballroom East

EXPO SCHEDULE OVERVIEW



**Welcome
to the 2016
Empire State
Producers Expo!**

Growing for the Health of New York

TUESDAY, JANUARY 19, 2016

Room		Morning		Mid-Day		Late
Ballroom East	Keynote - Ballroom West, 9:00 AM to 10:00 AM	Tree Fruit Page 6	Lunch - Exhibit Hall, 11:00 AM - 1:00 PM	Tree Fruit Page 6	Beverage Sampling - Exhibit Hall, 2:30 PM - 3:30 PM	Tree Fruit Page 7
Ballroom West				Processing Vegetables Page 10		Cole Crops Page 12
Rooms 1-2		Potato Page 8		Potato Page 8		Potato Page 9
Room 3				Cut Flowers Page 11		Flori- culture Page 11
Rooms 4-6				Beginning Farmers Page 9		Weed Mgmt. Page 12
Rooms 7-8						
Exhibit Hall		Trade Show open 8:00 AM to 5:00 PM				

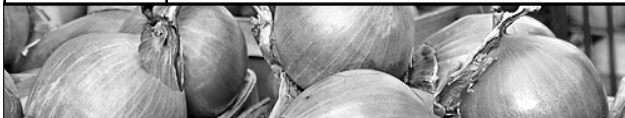


WEDNESDAY, JANUARY 20, 2016

Room	Morning	Lunch - Exhibit Hall, 11:00 AM - 1:00 PM	Mid-Day	Ice Cream Social - Exhibit Hall, 2:30 PM - 3:30 PM	Late Day
Ballroom East	Tree Fruit Page 14		Tree Fruit Page 15		Tree Fruit Page 16
Ballroom West	Sweet Corn Page 16		Tomatoes Page 19		Vine Crops Page 21
Rooms 1-2	High Tunnels Page 17		Onions Page 19		Onions Page 20
Room 3	Direct Marketing Page 14		Direct Marketing Page 14		Retail Pricing Page 14
Rooms 4-6	Soil Health Page 17		Soil Health Page 18		Food Safety Page 22
Rooms 7-8			New Labor Options Page 23		
Exhibit Hall	Trade Show open 8:00 AM to 5:00 PM				

THURSDAY, JANUARY 21, 2016

Room	Morning	Lunch - Exhibit Hall, 11:00 AM to 1:00 PM	Afternoon
Ballroom East	Cider Page 26		Hops & Grains Page 26
Ballroom West	Berries Page 24		Berries Page 24
Rooms 1-2	Root Crops Page 27		Specialty Crops Page 29
Room 3	Direct Marketing Page 25		Direct Marketing Page 25
Rooms 4-6	Climate Smart Farming Page 28		
Rooms 7-8			
Exhibit Hall	Trade Show open 8:00 AM to 1:30 PM		





TUESDAY, JANUARY 19

KEYNOTE ADDRESS

Cultivating Collaborations

*Dean Kathryn J. Boor
Ronald P. Lynch Dean, Cornell College
of Agriculture and Life Sciences*

9:00 – 10:00 AM

ONCENTER BALLROOM WEST

TUESDAY, JANUARY 19

**ARE YOUR TREES CLEAN?
BALLROOM EAST**

Session organized by Craig Kahlke and Deborah Breth,
CCE Lake Ontario Fruit Program

- 10:15 AM Welcome and announcements –**
Craig Kahlke, CCE Lake Ontario Fruit Program
- 10:20 AM Viruses and apple propagation: Why should I worry? –**
Marc Fuchs, Plant Pathology and Plant-Microbe Biology, NYSAES, Cornell University
- 10:55 AM What's new from industry?**
- 11:00 AM Lunch**

**APPLES OF THE WORLD I – VARIETIES AND
PREFERENCES
BALLROOM EAST**

Session organized by Dan Donahue and Anna Wallis,
CCE Eastern NY Commercial Horticulture Program

- 1:00 PM Welcome and announcements –**
Dan Donahue, CCE Eastern NY Commercial Horticulture Program
- 1:05 PM An introduction from Cornell's newly hired Assistant Professor of Sustainable Fruit Production Systems –**
Gregory Peck, Horticulture, Cornell University

TUESDAY, JANUARY 19, cont.

- 1:15 PM** **The mystery of apples in China*** –
Desmond O'Rourke, President, Belrose, Inc., Pullman, WA
- 2:00 PM** **Panel discussion: Apple varieties of the world: An A/V showcase –**
Moderator: Dan Donahue, CCE Eastern NY Commercial Horticulture Program
Susan Brown, Horticulture, Cornell University
Chris Watkins, Horticulture, Cornell University
Gregory Peck, Horticulture, Cornell University
Lailiang Cheng, Horticulture, Cornell University
Poliana Francescato, Horticulture, Cornell University
Jaume Lordan Sanahuja, Horticulture, Cornell University
Gemma Reig Cordoba, Horticulture, Hudson Valley Research Laboratory, Cornell University
- 2:30 PM** **Break**
- * Presentation made possible through the financial support of the New York Apple Association*

TREE FRUIT PEST MANAGEMENT BALLROOM EAST

Session organized by Deborah Breth,
CCE Lake Ontario Fruit Program

- 3:30 PM** **Announcements and DEC credit sign-up –**
Deborah Breth, CCE Lake Ontario Fruit Program
- 3:35 PM** **Apple scab and new fungicides –**
Kerik Cox, Plant Pathology, Cornell University
- 4:00 PM** **What's new from industry?**
- 4:05 PM** **Adjuvants to improve disease control in apples –**
Janna Beckerman, Botany and Pathology, Purdue University, West Lafayette, IN
- 4:35 PM** **Pesticide storage and security: Be ready for the unexpected! –**
Ron Gardner, PMEP, Cornell University
- 5:05 PM** **How to control black stem borer: Research update –**
Deborah Breth, CCE Lake Ontario Fruit Program
Art Agnello, Entomology, Cornell University
- 5:30 PM** **Adjourn**

TUESDAY, JANUARY 19, cont.

POTATO ROOMS 1 – 2

Session organized by Carol MacNeil, CCE Cornell
Vegetable Program, and Sandy Menasha,
CCE Suffolk County

-
- 10:15 AM Announcements –**
Sandy Menasha, CCE Suffolk County
- 10:20 AM Nutrient management for potato production –**
*Carl Rosen, Department of Soil, Water and Climate,
University of Minnesota, St. Paul, MN*
- 11:00 AM Lunch**
-

POTATO ROOMS 1 – 2

Session organized by Carol MacNeil, CCE Cornell
Vegetable Program, and Sandy Menasha,
CCE Suffolk County

-
- 1:00 PM Announcements and DEC credit sign-up –**
Sandy Menasha, CCE Suffolk County
- 1:05 PM What's new from industry?**
- 1:10 PM Canadian and European varieties for the fresh
market –**
*Eugenia Banks, Ontario Ministry of Agriculture,
Food & Rural Affairs (Retired), Ontario, Canada*
- 1:40 PM Status of potato cyst nematodes in the US and
Canada –**
*Jonathan Jones, Potato Cyst Nematodes Policy
Manager, USDA APHIS, Riverdale, MD*
- 1:55 PM Golden Nematode Program update –**
*Daniel Kepich, Golden Nematode Program
Manager, USDA APHIS, Avoca, NY*
- 2:10 PM Report on NYS grower-funded potato research –**
Chris Hansen, McCormick Farms, Bliss, NY
- 2:15 PM Report from the US Potato Board –**
Chris Hansen, McCormick Farms, Bliss, NY
- 2:20 PM Questions and answers –**
- 2:30 PM Break**

TUESDAY, JANUARY 19, cont.

POTATO ROOMS 1 – 2

Session organized by Carol MacNeil, CCE Cornell Vegetable Program, and Sandy Menasha, CCE Suffolk County

-
- 3:30 PM **Announcements and DEC credit sign-up –**
Carol MacNeil, CCE Cornell Vegetable Program
- 3:35 PM **What's new from industry?**
- 3:40 PM **Report on the National Potato Council –**
Ralph Child, Childstock Farms, Malone, NY
- 3:45 PM **Potato blackleg (Dickeya?): What we know about an emerging problem –**
Keith Perry, Plant Pathology and Plant-Microbe Biology, Cornell University
- 4:10 PM **Late blight update 2015 –**
Bill Fry, Plant Pathology and Plant-Microbe Biology, Cornell University
- 4:40 PM **Performance of a new soil biofumigant: Preliminary research –**
Sandy Menasha, CCE Suffolk County
- 5:05 PM **Questions and answers –**
- 5:15 PM **Adjourn**
-

BEGINNING FARMERS ROOMS 4 – 6

Session organized by Crystal Stewart, CCE Eastern NY Commercial Horticulture Program, and Robert Hadad, CCE Cornell Vegetable Program

-
- 1:00 PM **Welcome –**
Crystal Stewart, CCE Eastern NY Commercial Horticulture Program
- 1:05 PM **Wholesale, retail, or both? Maximizing profit in different market channels –**
Matt LeRoux, CCE Tompkins County
- 1:35 PM **How do I price my product? Practical considerations –**
Robert Hadad, CCE Cornell Vegetable Program

TUESDAY, JANUARY 19, cont.

2:05 PM **Moderated discussion of grower questions and concerns –**
Crystal Stewart, CCE Eastern NY Commercial Horticulture Program

2:30 PM **Adjourn**

PROCESSING VEGETABLES BALLROOM WEST

Session organized by Julie Kikkert,
CCE Cornell Vegetable Program

1:00 PM **Announcements and DEC credit sign-up –**
Julie Kikkert, CCE Cornell Vegetable Program

1:05 PM **Effects of cropping history on European corn borer abundance in processing sweet corn and snap beans –**
Rebecca Schmidt-Jeffris, Entomology, NYSAES, Cornell University
Brian Nault, Entomology, NYSAES, Cornell University

1:25 PM **Effects of material and timing for European corn borer control in snap beans –**
Rebecca Schmidt-Jeffris, Entomology, NYSAES, Cornell University
Brian Nault, Entomology, NYSAES, Cornell University

1:40 PM **What's new from industry?**

1:45 PM **Diversity and fungicide resistance in a *Cercospora beticola* population on table beet in New York –**
Niloofar Vaghefi, Plant Pathology and Plant-Microbe Biology, NYSAES, Cornell University
Sarah Pethybridge, Plant Pathology and Plant-Microbe Biology, NYSAES, Cornell University

2:05 PM **Management of nematodes and carrot diseases –**
Mary Ruth McDonald, Plant Agriculture, University of Guelph, Guelph, ON, Canada
Dennis Van Dyk, Plant Agriculture, University of Guelph, Guelph, ON, Canada
Katerina Jordan, Plant Agriculture, University of Guelph, Guelph, ON, Canada

2:30 PM **Adjourn**

CUT FLOWER PRODUCTION

ROOM 3

Session organized by Dana Dore-Hadad,
Chicory Blue Gardens

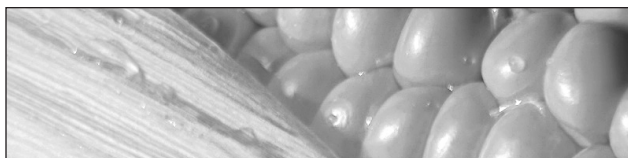
- 1:00 PM Welcome and announcements –**
*Dana Dore-Hadad, Chicory Blue Gardens,
Spencerport, NY*
- 1:05 PM Growing the dream: What success looks like
from the inside –**
Nathan Savage, Sunscape Farms, Penfield, NY
- 1:50 PM Cut flowers for sale: What market suits your
style? –**
Diana Doll, Stray Cat Flower Farm, Burlington, VT
- 2:30 PM Adjourn**
-

GREENHOUSE FLORICULTURE

ROOM 3

Session organized by Neil Mattson, Cornell University,
and Karen Dean Hall, NYS Flower Industries

- 3:30 PM Welcome and New York State Flower
Industries updates –**
Reenie Sandsted, Baker's Acres, North Lansing, NY
- 3:40 PM Insect biocontrol: Choosing the right critters
for your environment –**
Scott Creary, IPM Labs, Inc., Locke, NY
- 4:20 PM Wood heat for greenhouses: What you need to
know –**
NYS Wood Energy Team
- 5:00 PM Awful aphids: Biological and environmental
factors in aphid management –**
*Elizabeth Lamb, NYS IPM Program, Cornell
University*
- 5:30 PM Adjourn**



TUESDAY, JANUARY 19, cont.

WEED MANAGEMENT: THE LATEST IN WEED MANAGEMENT STRATEGIES FOR ORGANIC AND CONVENTIONAL FARMS ROOMS 4 – 6

Session organized by Darcy Telenko, CCE Cornell
Vegetable Program

-
- 3:30 PM **Announcements and DEC credit sign-up –**
Darcy Telenko, CCE Cornell Vegetable Program
- 3:35 PM **Weed management in organic cropping
systems –**
*John Wallace, Plant Science, Penn State University,
University Park, PA*
- 4:15 PM **Herbicide update: Evaluating compounds
under IR-4 Program for vegetables –**
Robin Bellinder, Horticulture, Cornell University
- 4:45 PM **Herbicide resistance: What vegetable growers
need to know –**
Julie Kikkert, CCE Cornell Vegetable Program
- 5:05 PM **Grower panel: Weed management successes
and failures on conventional, reduced tillage,
and organic farms –**
*Dan Henry, W.D. Henry and Sons, Eden, NY
Michael Wright, D&J Brawdy Farm, Inc., Eden, NY
Donn Branton, Branton Farms, LeRoy, NY*
- 5:30 PM **Adjourn**

CABBAGE AND OTHER COLE CROPS BALLROOM WEST

Session organized by Christy Hoeping, CCE Cornell
Vegetable Program

-
- 3:30 PM **Announcements and DEC credit sign-up –**
Christy Hoeping, CCE Cornell Vegetable Program
- 3:35 PM **What cabbage growers need to know about
the Food Safety Modernization Act (FSMA) –**
*Betsy Bihn, Produce Safety Alliance, Food Science,
NYSAES, Cornell University*
- 4:05 PM **What's new from industry?**

TUESDAY, JANUARY 19, cont.

- 4:10 PM** Weed management update from Michigan, including pipeline products and their prospects for improved weed control in Cole crops –
Bernie Zandstra, Horticulture, Michigan State University, Lansing, MI
- 4:40 PM** Aerial imaging technology and potential applications in cabbage production –
Bill Verbeten, Empire Ag Imagery, Akron, NY
- 5:10 PM** New developments in managing downy mildew and *Alternaria* leaf spot in Cole crops –
Christine Smart, Plant Pathology and Plant-Microbe Biology, NYSAES, Cornell University
Rachel Kreis, Plant Pathology and Plant-Microbe Biology, NYSAES, Cornell University
Holly Lange, Plant Pathology and Plant-Microbe Biology, NYSAES, Cornell University
- 5:30 PM** Adjourn

POSTER DISPLAY IN HALLWAY **Eastern Broccoli Project Update:** **Five-year progress report and future plans –**

Thomas Björkman, Horticulture, NYSAES, Cornell University
Miguel Gómez, Charles H. Dyson School of Applied Economics and Management, Cornell University
Phil Griffiths, Horticulture, NYSAES, Cornell University
Christy Hoepting, CCE Cornell Vegetable Program



WEDNESDAY, JANUARY 20

DIRECT MARKETING

ROOM 3

Session organized by Diane Eggert, Farmers Market Federation of NY

9:00 AM **Marketing 101 –**
Lindsay Wilcox, iHeartMedia, Syracuse, NY

11:00 AM **Lunch**

DIRECT MARKETING

ROOM 3

Session organized by Diane Eggert, Farmers Market Federation of NY

1:00 PM **Food safety at direct marketing venues –**
Diane Eggert, Farmers Market Federation of NY, Fayetteville, NY

2:30 PM **Adjourn**

PRICING FOR RETAIL SUCCESS

ROOM 3

Session organized by Diane Eggert, Farmers Market Federation of NY

3:30 PM **Pricing for retail success –**
Steve Hadcock, CCE Albany County

5:30 PM **Adjourn**

GETTING THE MOST OF HONEYCRISP AND OTHER IMPORTANT CULTIVARS BALLROOM EAST

Session organized by Mario Miranda Sazo,
CCE Lake Ontario Fruit Program

9:00 AM **Welcome –**
Mario Miranda Sazo, CCE Lake Ontario Fruit Program

9:05 AM **What we have learned for successful
production of Honeycrisp under Washington
conditions –**
*Karen Marie Lewis, Washington State University
Extension, Grant County, WA*

WEDNESDAY, JANUARY 20, cont.

- 9:35 AM **What's new from industry?**
Mario Miranda Sazo, CCE Lake Ontario Fruit Program
- 9:45 AM **Precision chemical thinning of Honeycrisp and Gala: 2015 results –**
Poliana Francescato, Horticulture, Cornell University
- 10:05 AM **Challenges and opportunities to optimize mineral nutrition of Honeycrisp –**
Lailiang Cheng, Horticulture, Cornell University
- 10:35 AM **How to avoid mistakes when establishing and training a tall spindle orchard –**
Mario Miranda Sazo, CCE Lake Ontario Fruit Program
- 11:00 AM **Lunch**

APPLES OF THE WORLD II – ORCHARD SYSTEMS

BALLROOM EAST

Session organized by Anna Wallis and Dan Donahue, CCE Eastern NY Commercial Horticulture Program

- 1:00 PM **Welcome –**
Anna Wallis, CCE Eastern NY Commercial Horticulture Program
- 1:05 PM **Brazil –**
Poliana Francescato, Horticulture, Cornell University
- 1:25 PM **Spain –**
Jaume Lordan Sanahuja, Horticulture, Cornell University
Gemma Reig Cordoba, Horticulture, Hudson Valley Research Laboratory, Cornell University
- 1:45 PM **What's new from industry?**
- 1:50 PM **China –**
Lailiang Cheng, Horticulture, Cornell University
- 2:10 PM **Washington state –**
Karen Marie Lewis, Washington State University Extension, Grant County, WA
- 2:30 PM **Break**

**ORCHARD MECHANIZATION AND EFFICIENCY
BALLROOM EAST**

Session organized by Matt Wells,
CCE Lake Ontario Fruit Program

- 3:30 PM Welcome –**
Matt Wells, CCE Lake Ontario Fruit Program
- 3:35 PM Mechanization in Washington state –**
*Karen Marie Lewis, Washington State University
Extension, Grant County, WA*
- 4:15 PM What's new from industry?**
- 4:20 PM Platforms in NY orchards and the economic
benefits –**
Matt Wells, CCE Lake Ontario Fruit Program
- 4:45 PM Grower panel: Efficiency in the modern apple
orchard –**
- 5:30 PM Adjourn**
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**SWEET CORN
BALLROOM WEST**

Session organized by Marion Zuefle, NYS IPM Program

- 9:00 AM Announcements and DEC credit sign-up –**
*Marion Zuefle, NYS IPM Program, Cornell
University*
- 9:05 AM Evaluating novel techniques for bird
management in sweet corn –**
Darcy Telenko, CCE Cornell Vegetable Program
- 9:20 AM New herbicide options for weed management
in sweet corn, 2015 –**
Darcy Telenko, CCE Cornell Vegetable Program
- 9:35 AM New options for caterpillar management in
sweet corn –**
*Dan Olmstead, Entomology, NYSAES, Cornell
University*
*Tony Shelton, Entomology, NYSAES, Cornell
University*
- 9:55 AM What's new from industry?**

WEDNESDAY, JANUARY 20, cont.

10:00 AM **Foliar diseases of significance for sweet corn production in New York –**
Gary Bergstrom, Plant Pathology and Plant-Microbe Biology, Cornell University

10:30 AM **Adjourn**

HIGH TUNNELS ROOMS 1 – 2

Session organized by Judson Reid, CCE Cornell Vegetable Program, and Teresa Rusinek, CCE Eastern NY Commercial Horticulture Program

9:00 AM **Announcements and DEC credit sign-up –**
Judson Reid, CCE Cornell Vegetable Program

9:05 AM **High tunnel soils: pH and alkalinity –**
Teresa Rusinek, CCE Eastern NY Commercial Horticulture Program

9:20 AM **High tunnel soils: Nutrient management update –**
*Judson Reid, CCE Cornell Vegetable Program
Cordelia Hall, CCE Cornell Vegetable Program*

9:35 AM **High tunnel soils: Health and biology –**
Crystal Stewart, CCE Eastern NY Commercial Horticulture Program

9:50 AM **What's new from industry?**

9:55 AM **Imperfect or impeccable high tunnel tomatoes: It's up to you! –**
Erik Draper, OSU Extension Geauga County, The Ohio State University, Burton, OH

10:40 AM **Greenhouse tomato foliar disease updates: Powdery mildew and leaf mold –**
Judson Reid, CCE Cornell Vegetable Program

11:00 AM **Adjourn**

SOIL HEALTH ROOMS 4 – 6

Session organized by Carol MacNeil, CCE Cornell Vegetable Program, and Justin O'Dea, CCE Ulster County

9:00 AM **Announcements and DEC credit sign-up –**
Carol MacNeil, CCE Cornell Vegetable Program

WEDNESDAY, JANUARY 20, cont.

- 9:05 AM **What's new from industry?**
- 9:10 AM **Demystifying biofumigation with Brassica cover crops: What we know about best management and potential benefits –**
Justin O'Dea, CCE Ulster County
- 9:40 AM **Results of Cornell Soil Health testing on 13 vegetable farms –**
Carol MacNeil, CCE Cornell Vegetable Program
- 10:00 AM **Cover cropping and tillage on Martens Organic Farm –**
Klaas Martens, Martens Organic Farm, Penn Yan, NY
- 10:30 AM **How are cover crops affecting my nutrient levels? Understanding cover crop qualities and strategies for efficient nutrient management**
Justin O'Dea, CCE Ulster County
- 11:00 AM **Lunch**

SOIL HEALTH ROOMS 4 – 6

Session organized by Carol MacNeil, CCE Cornell Vegetable Program, and Justin O'Dea, CCE Ulster County

- 1:00 PM **Announcements and DEC credit sign-up –**
Justin O'Dea, CCE Ulster County
- 1:05 PM **What's new from industry?**
- 1:10 PM **Cover crop mixes, inter-seeding, and reduced tillage on Branton Farms –**
Donn Branton, Branton Farms, LeRoy, NY
- 1:40 PM **Reducing tillage and building soil health on Goranson Farm, a diversified organic farm –**
Rob Johanson, Goranson Farm, South Dresden, ME
- 2:20 PM **Questions and answers –**
- 2:30 PM **Adjourn**

TOMATOES

BALLROOM WEST

Session organized by Amy Ivy, CCE Eastern NY
Commercial Horticulture Program

- 1:00 PM** **Announcements and DEC credit sign-up –**
*Amy Ivy, CCE Eastern NY Commercial
Horticulture Program*
- 1:05 PM** **Reducing fiascos in the field –**
*Erik Draper, OSU Extension Geauga County, The
Ohio State University, Burton, OH*
- 1:55 PM** **What’s new from industry?**
- 2:05 PM** **Staying on top of the weather: Tomato disease
forecasts on NEWA –**
*Abby Seaman, NYS IPM Program, Cornell
University*
- 2:30 PM** **Adjourn**
-

ONION STEMPHYLIUM LEAF BLIGHT

WORKSHOP

ROOMS 1 – 2

Session organized by Christy Hoeping, CCE Cornell
Vegetable Program

- 1:00 PM** **Welcome, announcements and DEC credit
sign-up –**
Christy Hoeping, CCE Cornell Vegetable Program
- 1:05 PM** **New York Update: Managing Stemphylium
leaf blight in onion with fungicides –**
Christy Hoeping, CCE Cornell Vegetable Program
- 1:30 PM** **Digging deeper towards understanding the
Stemphylium leaf blight pathogen of onion in
New York –**
*Sarah Pethybridge, Plant Pathology and Plant-
Microbe Biology, NYSAES, Cornell University
Frank Hay, Plant Pathology and Plant-Microbe
Biology, NYSAES, Cornell University
Christy Hoeping, CCE Cornell Vegetable Program*

WEDNESDAY, JANUARY 20, cont.

- 1:55 PM** **Feature presentation – Stemphylium leaf blight of onion in Ontario, Canada: Difficult to understand and challenging to control –**
Mary Ruth McDonald, Plant Agriculture, University of Guelph, Guelph, ON, Canada
Selasi Tayviah, Plant Agriculture, University of Guelph, Guelph, ON, Canada
Michael Tesfaendrias, Plant Agriculture, University of Guelph, Guelph, ON, Canada
Bruce Gossen, Agriculture and Agri-Food Canada, Saskatoon, SK, Canada

- 2:30 PM** **Break**

ONION PEST CONTROL ROOMS 1 – 2

Session organized by Christy Hoepting, CCE Cornell Vegetable Program

- 3:30 PM** **Welcome, announcements and DEC credit sign-up –**
Kevin Besler, Eastern NY Commercial Horticulture Program
- 3:35 PM** **Weed management update from Michigan, including pipeline products and their prospects for improved weed control in onions –**
Bernie Zandstra, Horticulture, Michigan State University, Lansing, MI
- 4:05 PM** **What's new from industry?**
- 4:10 PM** **Progress in understanding onion bacterial diseases –**
Steven Beer, Plant Pathology and Plant-Microbe Biology, Cornell University
Jean Bonasera, Plant Pathology and Plant-Microbe Biology, Cornell University
Jo Ann Asselin, Plant Pathology and Plant-Microbe Biology, Cornell University



**THRIPS CONTROL SPECTACULAR! HIGHLIGHTS
FROM 2015 PROJECTS**

- 4:35 PM Medicating onions for thrips infestations:
New remedies to consider –**
*Brian Nault, Entomology, NYSAES, Cornell
University*
*Ashley Leach, Entomology, NYSAES, Cornell
University*
Christy Hoepting, CCE Cornell Vegetable Program
- 4:55 PM Adoption and performance of the Cornell
Onion Thrips Management Program in 2015 –**
Christy Hoepting, CCE Cornell Vegetable Program
*Brian Nault, Entomology, NYSAES, Cornell
University*
*Ashley Leach, Entomology, NYSAES, Cornell
University*
- 5:10 PM Evaluating a three-component IPM program
for onion thrips –**
*Ashley Leach, Entomology, NYSAES, Cornell
University*
*Brian Nault, Entomology, NYSAES, Cornell
University*
*Steve Reiners, Horticulture, NYSAES, Cornell
University*
- 5:30 PM Adjourn**
-

**VINE CROPS
BALLROOM WEST**

Session organized by Charles Bornt, CCE Eastern NY
Commercial Horticulture Program

- 3:30 PM Announcements and DEC credit sign-up –**
*Charles Bornt, CCE Eastern NY Commercial
Horticulture Program*
- 3:35 PM Vine crop disease and management updates –**
*Margaret McGrath, Plant Pathology and Plant-
Microbe Biology, Cornell University*
*Christine Smart, Plant Pathology and Plant-
Microbe Biology, NYSAES, Cornell University*

WEDNESDAY, JANUARY 20, cont.

- 4:05 PM **Demystifying biofumigation for Phytophthora with Brassica cover crops: What we know so far about best management and potential benefits –**
Justin O’Dea, CCE Ulster County
- 4:30 PM **What’s new from industry?**
- 4:35 PM **Vine crops genetics: What’s on the horizon? –**
Michael Mazourek, Horticulture, Cornell University
- 5:00 PM **New Englanders and their pumpkin chucking apparatus: Ways to increase traffic and sales on your farm! –**
George Hamilton, University of New Hampshire Cooperative Extension Hillsborough County, Goffstown, NH
- 5:30 PM **Adjourn**

FOOD SAFETY SESSION ROOMS 4 – 6

Session organized by Betsy Bihn and Gretchen Wall, Cornell University, and Robert Hadad, CCE Cornell Vegetable Program

- 3:30 PM **Welcome –**
Betsy Bihn, Produce Safety Alliance, Food Science, NYSAES, Cornell University
- 3:35 PM **FSMA: Are you in or out? Navigating the definition of a farm –**
Gretchen Wall, Produce Safety Alliance, Food Science, Cornell University
- 4:15 PM **FSMA Produce Safety Rule: Key requirements and challenges to implementation –**
Betsy Bihn, Produce Safety Alliance, Food Science, NYSAES, Cornell University
Gretchen Wall, Produce Safety Alliance, Food Science, Cornell University
- 4:50 PM **Virtual farm tour: Assessing risks and implementing produce safety practices –**
Betsy Bihn, Produce Safety Alliance, Food Science, NYSAES, Cornell University
- 5:30 PM **Adjourn**

**URBAN REFUGEES TO RURAL FARMS:
EXPLORING NEW LABOR OPTIONS
ROOMS 7 – 8**

Session organized by Megan Burley, CCE Erie County

- 3:30 PM** **ROOT (Refugee Onsite Occupational Training) –**
Jeff Ogilvie, Journey's End Refugee Services, Buffalo, NY
Megan Burley, CCE Erie County
Dan Henry, W.D Henry and Sons, Eden, NY
Dennis Brawdy, D&J Brawdy Farm, Eden, NY
- 4:45 PM** **Urban farming in Buffalo: Green shoots for new Americans –**
Kyla Jaquish, Journey's End Refugee Services, Buffalo, NY
Refugee Farmer, Journey's End Refugee Services, Buffalo, NY
Interpreter, Journey's End Refugee Services, Buffalo, NY
- 5:30 PM** **Adjourn**



THURSDAY, JANUARY 21

BERRY SESSION BALLROOM WEST

Session organized by Laura McDermott and James O'Connell, CCE Eastern NY Commercial Horticulture Program, and Marvin Pritts, Cornell University

- 9:00 AM Welcome –**
Laura McDermott, CCE Eastern NY Commercial Horticulture Program
- 9:05 AM Soil health in matted row strawberries –**
Maria Gannett, Horticulture, Cornell University
- 9:30 AM Managing highbush blueberry nutrition –**
Eric Hanson, Horticulture, Michigan State University, East Lansing, MI
- 10:00 AM What's new from industry?**
- 10:05 AM Successful nutrient strategies for berry crops –**
Gary Phelps, Gary's Berries, Endicott, NY
Rod Dressel Sr., Dressel Farms, New Paltz, NY
Dale Ila Riggs, NYS Berry Growers Association and Owner of The Berry Patch, Stephentown, NY
- 10:40 AM NYS Berry Growers Association annual meeting –**
Paul Baker, NYS Berry Growers Association, Sanborn, NY
Dale Ila Riggs, NYS Berry Growers Association and Owner of The Berry Patch, Stephentown, NY
- 11:00 AM Lunch**

BERRY SESSION BALLROOM WEST

Session organized by Laura McDermott and James O'Connell, CCE Eastern NY Commercial Horticulture Program, and Marvin Pritts, Cornell University

- 1:00 PM Announcements and DEC credit sign-up –**
James O'Connell, CCE Eastern NY Commercial Horticulture Program
- 1:05 PM Prioritizing strawberry weed control –**
Eric Hanson, Horticulture, Michigan State University, East Lansing, MI

THURSDAY, JANUARY 21, cont.

- 1:35 PM Cane berry weed management strategies –**
Timothy Miller, Crop and Soil Sciences, Washington State University, Mount Vernon, WA
- 2:05 PM Advances in high tunnel covers –**
Kathy Demchak, Plant Science, Penn State University, University Park, PA
- 2:35 PM Strategies to control arthropod pests in high tunnels –**
Gregory Loeb, Entomology, NYSAES, Cornell University
- 3:00 PM Microbial pesticide efficacy in controlling disease on strawberries and raspberries in high tunnels –**
Annemiek Schilder, Plant, Soil and Microbial Science, Michigan State University, East Lansing, MI
- 3:35 PM Extending local strawberry production using low tunnel technology –**
*Marvin Pritts, Horticulture, Cornell University
Laura McDermott, CCE Eastern NY Commercial Horticulture Program*
- 4:00 PM Adjourn and safe trip home!**
-

DIRECT MARKETING

ROOM 3

Session organized by Diane Eggert, Farmers Market Federation of NY

- 9:00 AM Successful selling at farmers markets (farm stands too!) –**
Christopher Wayne, FARMroots, Grow NYC, New York City, NY

11:00 AM Lunch

DIRECT MARKETING

ROOM 3

Session organized by Diane Eggert, Farmers Market Federation of NY

- 1:00 PM Industry benchmarks: Farmers market benchmarks –**
Laura Biasillo, CCE Broome County

THURSDAY, JANUARY 21, cont.

2:00 PM **Industry benchmarks: Building the success of food hubs through the Cooperative Experience –**
Bobbie Severson, Cooperative Enterprise Program, Cornell University

4:00 PM **Adjourn and safe trip home!**

HARD CIDER: SALES, MARKETING, PRODUCTION, AND ORCHARD SYSTEMS **BALLROOM EAST**

Session organized by Matt Wells and Craig Kahlke, CCE Lake Ontario Fruit Program, and Derek Simmonds, CCE Seneca County

9:00 AM **Welcome –**
Matt Wells, CCE Lake Ontario Fruit Program

9:05 AM **Building a cider brand –**
Eddie Brennan, 1911 Spirits, Beak and Skiff, Lafayette, NY

9:35 AM **What's new from industry?**

9:40 AM **Cider production 101: The 'how-to' of cider making –**
Jonathan Oakes, Steampunk Cider, Leonard Oakes Estate Winery, Lyndonville, NY

10:10 AM **Is it worth it to grow apples for hard cider? –**
Gregory Peck, Horticulture, Cornell University

10:40 AM **The cider state: New York's potential to lead the cider category –**
Samuel Filler, Empire State Development, New York State, Albany, NY

11:00 AM **Adjourn**

GROW, FERMENT, AND BE MERRY: HOPS AND GRAINS FOR NYS BREWING AND DISTILLING **BALLROOM EAST**

Session organized by Justin O'Dea, CCE Ulster County, and Steven Miller, CCE Madison County

1:00 PM **Announcements and DEC credit sign-up –**
Justin O'Dea, CCE Ulster County

THURSDAY, JANUARY 21, cont.

- 1:05 PM **The Cornell malt barley update: Grower considerations and best management –**
Kevin Ganoë, CCE Herkimer County, Central NY Dairy & Field Crops Team
Justin O’Dea, CCE Ulster County
- 1:30 PM **Decoding malt barley quality: An industry insider’s perspective –**
Aaron MacLeod, Center for Craft Food and Beverage, Hartwick College, Oneonta, NY
- 1:55 PM **Graininnovations: Specialty and smaller-scale grain drying and storage strategies –**
Peter Martens, PM Farms, Penn Yan, NY
- 2:20 PM **Demystifying distilling: The secondary grain market you didn’t know you needed –**
Joel Elder, Quinta Essentia Alchemy Spirits, Rosendale, NY
- 2:45 PM **What’s new from industry? / Intermission / Hops DEC credit signup –**
- 2:55 PM **2015 Cornell brewer survey: Preferences for malt and hops –**
Elizabeth Newbold, CCE Yates County
- 3:30 PM **Hop powdery mildew research in New York –**
David Gadoury, Plant Pathology and Plant-Microbe Biology, NYSAES, Cornell University
- 3:45 PM **Hops scouting and fertility research –**
Jason Townsend, CCE Madison County
- 4:10 PM **The Research Hop Yard and the status of the hop industry in New York –**
David Combs, Plant Pathology, NYSAES, Cornell University
- 4:30 PM **Adjourn and safe trip home!**

ROOT CROPS ROOMS 1 – 2

Session organized by Crystal Stewart, CCE Eastern NY Commercial Horticulture Program

- 9:00 AM **Announcements and DEC credit sign-up –**
Crystal Stewart, CCE Eastern NY Commercial Horticulture Program

THURSDAY, JANUARY 21, cont.

- 9:05 AM Carrot variety trial results and show and tell –**
Crystal Stewart, CCE Eastern NY Commercial Horticulture Program
- 9:45 AM Beet variety trial results and show and tell –**
Lisa Ward, Sakata Seeds
- 10:15 AM Parsnip variety trial results and show and tell –**
Crystal Stewart, CCE Eastern NY Commercial Horticulture Program
- 10:30 AM Panel discussion: Overcoming germination issues in root crops –**
Moderator: Crystal Stewart, CCE Eastern NY Commercial Horticulture Program
- 11:00 AM Adjourn**

CLIMATE SMART FARMING: NEW PRACTICES AND TOOLS TO PREPARE FOR CLIMATE VARIABILITY AND EXTREME WEATHER ROOMS 4 – 6

Session organized by Darcy Telenko, CCE Cornell Vegetable Program, Allison Chatrchyan, Cornell Institute for Climate Change and Agriculture, and Laura McDermott, CCE Eastern NY Commercial Horticulture Program

- 9:00 AM Climate science and impacts to agriculture in the northeast –**
Allison Chatrchyan, Cornell Institute for Climate Change and Agriculture
- 9:40 AM Farmer panel: Experience with extreme weather and adaptation using tools –**
Larry Eckhardt, Kinderhook Creek Farm, Stephentown, NY
Mark Zittel, Amos Zittel and Sons, Inc., Eden, NY
Peter Ten Eyck, Indian Ladder Farms, Altamont, NY



THURSDAY, JANUARY 21, cont.

- 10:10 AM **Climate smart farming resources and decision support tools (how-to and interactive demos) –**
Darcy Telenko, Cornell Climate Smart Farming Extension Team, CCE Cornell Vegetable Program
Allison Chatrchyan, Cornell Institute for Climate Change and Agriculture
- 10:40 AM **Questions and discussion –**
- 11:00 AM **Adjourn**

SPECIALTY CROPS: TWO NEW YORK FARMERS' EXPERIENCES ROOMS 1 – 2

Session organized by Robert Hadad, CCE Cornell Vegetable Program

- 1:00 PM **Welcome –**
Robert Hadad, CCE Cornell Vegetable Program
- 1:05 PM **Grower discussion –**
Ed Fraser, Fraser's Garlic Farm, Churchville, NY
Jeremiah Pacheco, Squash Blossom Farm, Naples, NY
- 4:00 PM **Adjourn and safe trip home!**



LODGING - OFFICIAL HOTELS

The official hotels for the Empire State Producers Expo are the Genesee Grande (downtown), The Crowne Plaza (downtown), the Doubletree, and The Holiday Inn Liverpool (Thruway) (complimentary shuttle to Expo).

Upscale and Affordable - The Genesee Grande, just off I-81 and steps from the Syracuse U Carrier Dome. Rooms are available for a discounted rate of \$99 per night. Hospitality suites are also available for your company's needs. Please contact the hotel directly at 315-476-4212 to make your reservations and be sure to mention the Expo or vegetable growers for your discount. This hotel has limited outdoor parking.

Closest to the Expo - The Crowne Plaza, just off I-81 and closest to the Expo site. Rooms are available for \$96. The cutoff date for booking is December 18, 2015. Contact the Crowne at 315-479-7000 and tell them you're with the vegetable growers. This hotel has a free parking ramp.

The Doubletree, located at Carrier Circle, just off the NYS Thruway and offers free shuttle service to the Expo. Rooms are available for \$99. The cutoff date for this price is January 4, 2016. Contact the Doubletree at (315) 432-0200. The shuttle will run from the Doubletree to the Oncenter.

Official Shuttle Hotel - Thruway Hotel - The Holiday Inn Liverpool, located at the 37 Electronics Parkway Exit of the Thruway. Rooms are available for \$97 per night. The cutoff date for booking is December 18, 2015. 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 the Expo.

HOLIDAY INN SHUTTLE SCHEDULE TO ONCENTER

Tuesday, January 19, 2016 -

- 7:00 am - 11:00 am - Continuous loop between the Holiday Inn and the Oncenter
- 3:00 pm - 6:00 pm - Continuous loop between the Holiday Inn and the Oncenter

Wednesday, January 20, 2016 -

- 7:00 am - 11:00 am - Continuous loop between the Holiday Inn and the Oncenter
- 3:00 pm - 6:00 pm - Continuous loop between the Holiday Inn and the Oncenter

Thursday, January 21, 2016 -

- 8:00 am - 11:00 am - Continuous loop between the Holiday Inn and the Oncenter
- 3:00 pm - 6:00 pm - Continuous loop between the Holiday Inn and the Oncenter

ON-SITE PARKING

A garage (\$5 per day) is attached to the Oncenter via an enclosed walkway over State Street, but parking may be limited. Show your Expo badge when paying!

Alternatively, overnight guests can park for free at the Holiday Inn, located at Exit 37/Liverpool of the NYS Thruway, and take the free shuttle bus to the Oncenter, starting at 7:00 AM from the front door of the hotel. Shuttle bus ride is about 15 minutes.

The Doubletree Hotel, 6301 State Route 298, East Syracuse, 13057, (315) 432-0200, will also be offering free shuttle service upon request to overnight guests.

See map for additional parking.

ADDITIONAL PARKING



Oncenter Convention Center



**For additional details contact
the NYS Vegetable Growers
Association at
(585)-993-0775 or
NYSVegetablegrowers@gmail.com**

Empire State Producers Expo and Becker Forum

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