

2021 EMPIRE STATE PRODUCERS EXPO
Virtual

Tuesday, January 12, 2021

Session Number 1

Soil Health I – Cover Crops

Session Organized by: **Ryan Maher, Cornell Small Farms Program**

8:45 AM **DEC credit sign-up**

9:00 AM **Welcome**

9:05 AM **Exploring summer cover crops for vegetable systems in the Northeast**
Rebecca Brown – Dept. of Plant Sciences and Entomology, University of Rhode Island, Kingston, RI

9:40 AM **Mechanically interseeding cover crops into Brassica cash crops**
Skip Paul, Wishing Stone Farm - Little Compton, RI

10:15 AM **Morning Break**

2021 EMPIRE STATE PRODUCERS EXPO
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Tuesday, January 12, 2021

Session Number 2

Soil Health II – Reduced Tillage

Session Organized by: **Ryan Maher, Cornell Small Farms Program**

10:45 AM **DEC credit sign-up**

11:00 AM **Welcome**

11:05 AM **No-Till in NH: Lessons from pumpkins and sweet corn**
Chad Cochrane, USDA-NRCS, Concord, NH

11:35 AM **Making no-till systems work for transplanted vegetables**
Nathan Johanning, University of Illinois Extension, Waterloo, IL

12:15 PM **Adjourn**

2021 EMPIRE STATE PRODUCERS EXPO
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Tuesday, January 12, 2021

Session Number 3

Greenhouse

Session Organized by: **New York State Flower Industries**

- 1:15 PM** **DEC credit sign-up**
- 1:30 PM** **Welcome and Sponsor Info** – Neil Mattson, Cornell School of Integrative Plant Science
- 1:35 PM** **How to handle, store and apply beneficials for control of insect pests for greenhouse vegetable transplants and bedding plants** – John Sanderson, Dept. of Entomology, Cornell
- 2:30 PM** **Planning for pandemic – lessons learned and bright spots for greenhouse operations** – Elizabeth Lamb, NYS IPM
- 3:00 PM** **Adjourn**

2021 EMPIRE STATE PRODUCERS EXPO
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Tuesday, January 12, 2021

Session Number 1

Hemp I

Session Organized by: **Maire Ullrich and Janice Degni, Cornell Hemp Extension Team**

- 8:45 AM** **DEC credit sign-up**
- 9:00 AM** **Welcome and sponsor information – Maire Ullrich, Cornell Hemp Extension Team**
- 9:05 AM** **Understanding cannabinoid ratios & the role of genetics– Jacob Toth, Dept. of Horticulture, Cornell Agri-Tech**
- 9:25 AM** **Cultivar evaluation and breeding trial updates– George Stack, Dept. of Horticulture, Cornell Agri-Tech**
- 9:45 AM** **Diseases affecting hemp in New York. – Jennifer Starr, Dept. of Plant Pathology and Plant-Microbe Biology, Cornell**
- 10:05 AM** **Cornell hemp seed treatment update and regulatory paths forward – Alan Taylor, Dept. of Horticulture, Cornell Agri-Tech**
- 10:30 AM** **Morning Break**

2021 EMPIRE STATE PRODUCERS EXPO
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Tuesday, January 12, 2021

Session Number 2

Hemp II

Session Organized by: **Maire Ullrich and Janice Degni, Cornell Hemp Extension Team**

- 11:00 AM** **Welcome and Sponsor Info** – *Janice Degni, Cornell Hemp Extension Team*
- 11:05 AM** **Equipment designed for hemp harvesting and processing** – *Corbett Hefner, VP of Research & Development, Formation Ag*
- 11:25 AM** **Industry Update** – *Marc Privatera, President, HIA-NY*
- 11:45 AM** **What’s happening with fiber?** – *Steve Fleishman, Director, Light Green Machines, Ithaca, NY*
- 12:00 PM** **The endocannabinoid system: physiology and pharmacology of cannabidiol**
– *Emily Leppin, School of Pharmacy and Pharmaceutical Sciences, Binghamton University SUNY, Binghamton, NY*
- 12:30 PM** **Lunch Break**

No DEC credits for this session

2021 EMPIRE STATE PRODUCERS EXPO
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Tuesday, January 12, 2021

Session Number 3

Hemp III

Session Organized by: **Maire Ullrich and Janice Degni, Cornell Hemp Extension Team**

- 1:30 PM** **Welcome** – *Janice Degni, Cornell Hemp Extension Team*
- 11:35 PM** **NY legislative hemp & CBD update** – *Assemblywoman Donna Lupardo, Chair, NY Assembly Ag Committee*
- 1:50 PM** **Permitting in 2021**– *Staff TBA, NYS Department of Agriculture & Markets; and USDA*
- 2:05 PM** **NYS cannabinoid program**– *Staff TBA, NYS Department Of Health*
- 2:25 PM** **Kentucky 2020 and crop insurance update**– *Tyler Mark, Dept. of Agricultural Economics, University of Kentucky, Lexington, KY*
- 3:00 PM** **Adjourn**

No DEC credits for this session

2021 EMPIRE STATE PRODUCERS EXPO
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Wednesday, January 13, 2021

Session Number 1

A Bird's-Eye View of IPM – IPM School Part 1

Session Organized by: **Abby Seaman, Amara Dunn and Marion Zuefle, NYS IPM;**
Elizabeth Buck, CCE Cornell Vegetable Program

- 8:45 AM** **DEC credit sign-up**
- 9:00 AM** **Welcome, logistics, sponsor Info**
- 9:10 AM** **The IPM toolbox - *Amara Dunn, NYS IPM Program***
- 9:50 AM** **IPM on our farm - *Brian Reeves, Reeves Farms, LLC, Baldwinsville, NY***
- 10:25 AM** **Wrap up**
- 10:30 AM** **Morning Break**

2021 EMPIRE STATE PRODUCERS EXPO
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Wednesday, January 13, 2021

Session Number 2

Keeping Ahead of the Problems – IPM School Part 2

Session Organized by: **Abby Seaman, Amara Dunn and Marion Zuefle, NYS IPM;**
Elizabeth Buck, CCE Cornell Vegetable Program

- 10:45 AM** **DEC credit sign up**
- 11:00 AM** **Welcome, logistics, sponsor Info**
- 11:10 AM** **How do I find them, and how many is too many? – *Marion Zuefle, NYS IPM Program***
- 11:25 AM** **Knowing what’s coming – *Abby Seaman, NYS IPM Program***
- 11:45 PM** **Grower Panel: How we accomplish scouting and pest monitoring on our farm - *Emma Long, Crop Production Manager, CY Farms, Elba, NY, Wendy Burkhart-Spiegel, Common Thread Community Farm, Madison, NY, and Ralph Ooman, Ooman Bros., Hart, MI***
- 12:15 PM** **Learn From Your On-Farm History – *Elizabeth Buck, CCE Cornell Vegetable Program***
- 12:25 PM** **Wrap-up**
- 12:30 PM** **Lunch Break**

2021 EMPIRE STATE PRODUCERS EXPO
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Wednesday, January 13, 2021

Session Number 3

Off to a Good Start with Vine Crops – IPM School Part 3

Session Organized by: **Abby Seaman, Amara Dunn and Marion Zuefle, NYS IPM;**
Elizabeth Buck, CCE Cornell Vegetable Program

- 1:15 PM** **DEC credit sign-up**
- 1:30 PM** **Welcome, logistics, sponsor info**
- 1:40 PM** **Setting up for vine crop victory: Cultural practices and nutrient management**
-Steve Reiners, Dept. of Horticulture, Cornell Agri-Tech
- 2:10 PM** **Weeds and cucurbits, new solutions for an old problem? -Thierry Besancon,**
Dept. of Plant Biology, Rutgers University, Chatsworth, NJ
- 2:40 PM** **Using the whole toolbox to beat tough weeds – Nathan Johanning, Johanning**
Farm, Fults, IL
- 3:00 PM** **Afternoon break**

2021 EMPIRE STATE PRODUCERS EXPO
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Wednesday, January 13, 2021

Session Number 4

Keeping Ahead of Insects and Diseases in Vine Crops - IPM School Part 4

Session Organized by: **Abby Seaman, Amara Dunn and Marion Zuefle, NYS IPM;**
Elizabeth Buck, CCE Cornell Vegetable Program

- 3:15 PM** **DEC credit sign-up**
- 3:30 PM** **Welcome, logistics, sponsor info**
- 3:35 PM** **Squash those bugs!** – *Brian Nault, Dept. of Entomology, Cornell Agri-Tech*
- 4:05 PM** **Managing diseases with an integrated mindset** – *Meg McGrath, Dept. of Plant Pathology and Plant-Microbe Biology, Cornell, Riverhead, NY*
- 4:35 PM** **Cucurbit IPM on our farm** – *Ralph Ooman, Ooman Brothers, Hart, MI; and Ben Werling, Michigan State University Extension Oceana Co., Hart, MI*
- 5:00 PM** **Adjourn**

2021 EMPIRE STATE PRODUCERS EXPO
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Wednesday, January 13, 2021

Session Number 1

Snap Beans

Session Organized by: **Julie Kikkert, CCE Cornell Vegetable Program**

- 8:45 AM** **DEC credit sign-up**
- 9:00 AM** **Welcome and sponsor info** – *Julie Kikkert, CCE Cornell Vegetable Program*
- 9:05 AM** **Common Lambsquarters: The biological and environmental factors impacting its control** – *Lynn Sosnoskie, Dept. of Horticulture, Cornell Agri-Tech*
- 9:25 AM** **Considerations for management of seedcorn maggot, potato leafhopper, and European corn borer in conventional and organic snap beans** – *Brian Nault, Dept. of Entomology, Cornell Agri-Tech*
- 9:45 AM** **Application of Unmanned Aerial Systems (UAS) in snap beans for growth stage classification, yield forecasting, and white mold risk assessment** - *Jan van Aardt (speaker), Amirhossein Hassanzadeh and Fei Zhang, Rochester Institute of Technology, Rochester, NY; Sarah Pethybridge and Sean Murphy, Dept. of Plant Pathology & Plant Microbe Biology, Cornell AgriTech, Geneva, NY; and Julie Kikkert, CCE Cornell Vegetable Program*
- 10:15 AM** **Adjourn**

2021 EMPIRE STATE PRODUCERS EXPO
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Wednesday, January 13, 2021

Session Number 2

White Mold

Session Organized by: **Eric Branch and Pratibha Sharma, Cornell AgriTech**

- 10:45 AM** **DEC credit sign-up**
- 11:00 AM** **Welcome and Sponsor info**
- 11:05 AM** **An overview of white mold across New York cropping systems** - *Eric Branch (speaker) and Pratibha Sharma, Cornell AgriTech, Plant Pathology & Plant-Microbe Biology*
- 11:25 AM** **Battling white mold of soybeans using research-based management techniques** - *Damon Smith, Dept. of Plant Pathology, University of Wisconsin, Madison, WI*
- 12:05 PM** **Fungicides for white mold control in snap and dry beans: Who, what, when, why?!** - *Sarah Pethybridge, Dept. of Plant Pathology & Plant-Microbe Biology, Cornell Agri-Tech*
- 12:30 PM** **Adjourn**

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Wednesday, January 13, 2021

Session Number 3

High Tunnels

Session Organized by: **Judson Reid, CCE Cornell Vegetable Program/Harvest NY, and Elisabeth Hodgdon, CCE Eastern NY Commercial Horticulture Program**

- 1:30 PM** **Welcome** – *Elisabeth Hodgdon, CCE Eastern NY Commercial Horticulture Program*
- 1:35 PM** **Common high tunnel soil issues and how to correct them** – *Jud Reid, CCE Cornell Vegetable Program/Harvest NY*
- 1:50 PM** **Optimizing irrigation water quality in tunnels** – *Neil Mattson, Cornell School of Integrative Plant Science*
- 2:05 PM** **Using cover crops in tunnels** – *Caitlin Tucker, CCE Cornell Vegetable Program*
- 2:20 PM** **High tunnel tomatoes at Edgewater Farm** – *Lockwood “Pooh” Sprague, Edgewater Farm, Plainfield, NH*
- 2:35 PM** **Q&A with Speaker Panel**
- 3:00 PM** **Adjourn**

No DEC credits for this session

2021 EMPIRE STATE PRODUCERS EXPO
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Wednesday, January 13, 2021

Session Number 4

Sweet Corn: Using Laser Scarecrows for Bird Control

Session Organized by: **Charles Bornt, CCE Eastern NY Commercial Horticulture Program and Steve Reiners, Dept. of Horticulture, Cornell Agri-Tech**

- 3:15 PM** **DEC credit sign-up**
- 3:30 PM** **Welcome and sponsor info** – Charles Bornt, CCE Eastern NY Commercial Horticulture Program
- 3:35 PM** **The history of using lasers as bird deterrents** – *Jeremy Perkins, Bird Control Group, NY*
- 3:50 PM** **Developing a low cost laser scarecrow for bird control in Rhode Island and New York** – *Rebecca Brown, Dept. of Plant Sciences and Entomology, University of Rhode Island, Kingston, RI, and Ali Mirzakhani Nafchi, CCE Cornell Vegetable Program*
- 4:15 PM** **New York grower experiences with laser scarecrows for bird control** – *Nick Stanton, Stanton's Feura Farm, Feura Bush, NY*
- 4:25 PM** **Panel discussion and audience questions**
Rebecca Brown, Ali Mirzakhani Nafchi, Jeremy Perkins and Nick Stanton
- 5:00 PM** **Adjourn**

2021 EMPIRE STATE PRODUCERS EXPO
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Thursday, January 14, 2021

Session Number 1

Onion Bulb Rot

Session Organized by: **Christy Hoepting, CCE Cornell Vegetable Program**

8:45 AM DEC recertification credit sign-in

9:00 AM **Welcome and sponsor info**, *Christy Hoepting, CCE Cornell Vegetable Program*

9:05 AM **Rotten Onions 101: Part I – What kind of rot you got?** *Lindsey du Toit, WSU Dept. of Plant Pathology, Bhabesh Dutta and Brian Kvitko, UGA Dept. of Plant Pathology, and Christy Hoepting, CCE Cornell Vegetable Program*

9:30 AM **Rotten Onions 101: Part II – The many ways onions rot**, *Bhabesh Dutta and Brian Kvitko, UGA Dept. of Plant Pathology, and Lindsey du Toit, WSU Dept. of Plant Pathology, and Christy Hoepting, CCE Cornell Vegetable Program*

10:00 AM **Stop the Rot: Rot-free onions in the making - Overcoming challenges to identify genetic varietal tolerance to bulb rot**, *Brian Kvitko and Bhabesh Dutta, UGA Dept. of Plant Pathology, Lindsey du Toit, WSU Dept. of Plant Pathology and Christy Hoepting, CCE Cornell Vegetable Program*

10:20 AM **Questions and Discussion**, *Lindsey du Toit, Bhabesh Dutta, Brian Kvitko, Christy Hoepting*

10:30 AM **Morning Break**

2021 EMPIRE STATE PRODUCERS EXPO

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Thursday, January 14, 2021

Session Number 2

Onion Critical Issues

Session Organized by: **Christy Hoepting, CCE Cornell Vegetable Program**

10:45 AM DEC recertification credit sign-in

11:00 AM **Welcome and sponsor info**, *Christy Hoepting, CCE Cornell Vegetable Program*

11:05 AM **Fragile FRAC 7 Fungicides: Part I - Current status of Stemphylium leaf blight fungicide resistance in onion in New York**, *Frank Hay, Daniel Heck and Katrin Ayer, Dept. of Plant Pathology and Plant-Microbe Biology, Cornell Agri-Tech*

11:40 AM **Fragile FRAC 7 Fungicides: Part II – Field performance of these fungicides for control of Stemphylium leaf blight in onion in New York**, *Christy Hoepting, CCE Cornell Vegetable Program*

11:50 AM **New developments regarding unfair trade practices including cheap onion exports from Canada**, *Greg Yielding, Executive Vice President, National Onion Association, Greely, CO*

12:10 PM **National onion promotion program**, *Rene Hardwick, Director of Public and Industry Relations, National Onion Association, Greely, CO*

12:20 PM **Questions and Discussion**

12:30 PM **Adjourn**

2021 EMPIRE STATE PRODUCERS EXPO
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Thursday, January 14, 2021

Session Number 3

PSA Remote Grower Training Course Part 1

Session Organized by: **Elizabeth Bihn, Food Science, Cornell**

***NOTE: In order to receive an AFDO/PSA certificate of attendance, participants must be in attendance online for ALL modules.**

**** NOTE: Times fall outside standard EXPO hours in order to not overlap with other sessions**

12:30 PM **Log in, Certificate Sign in**

1:00 PM **Welcome, Introductions, and Course Expectations**
– *Betsy Bihn, Food Science, Cornell*

2:00 PM **Module 1: Introduction to Produce Safety**
– *Betsy Bihn, Food Science, Cornell*

3:00 PM **Break**

Thursday, January 14, 2021

Session Number 4

PSA Remote Grower Training Course Part 2

Session Organized by: **Elizabeth Bihn, Food Science, Cornell**

***NOTE: In order to receive an AFDO/PSA certificate of attendance, participants must be in attendance online for ALL modules.**

**** NOTE: Times fall outside standard EXPO hours in order to not overlap with other sessions**

3:15 PM Module 2: Worker Health, Hygiene, and Training

– Elisabeth Hodgdon, CCE Eastern NY Commercial Horticulture Program

4:15 PM Module 3: Soil Amendments

– Laura Pineda-Bermudez, Cornell University Institute of Food Safety

5:00 PM Module 4: Wildlife, Domestic Animals, and Land Use

-TBD

5:45 PM Day 1 Wrap-Up and Questions

6:00 PM Adjourn - End Day

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Thursday, January 14, 2021

Session Number 1

Bright Brassica Beginnings - IPM School Part 5

Session Organized by: **Abby Seaman, Amara Dunn and Marion Zuefle, NYS IPM;**
Elizabeth Buck, CCE Cornell Vegetable Program

8:45 AM **DEC credit sign-up**

9:00 AM **Welcome, logistics, sponsor info**

9:10 AM **Big and Beautiful Brassicas: Cultural practices and nutrient management**
– *Steve Reiners, Dept. of Horticulture, Cornell Agri-Tech*

9:40 AM **Beating weeds in Brassicas** – *Lynn Sosnoskie, Dept. of Horticulture, Cornell Agri-Tech*

10:10 AM **Proactive IPM through soil health, cover cropping, and weed management**
– *Rick Pedersen, Pedersen Farms, Seneca Castle, NY*

10:30 AM **Morning Break**

2021 EMPIRE STATE PRODUCERS EXPO
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Thursday, January 14, 2021

Session Number 2

Clean Cole Crops - IPM School Part 6

Session Organized by: **Abby Seaman, Amara Dunn and Marion Zuefle, NYS IPM;**
Elizabeth Buck, CCE Cornell Vegetable Program

10:45 AM DEC credit sign-up

10:55 AM Welcome, logistics, sponsor info

11:00 AM **Combating Cole crop critters** – *Riley Harding, Dept. of Entomology, Cornell Agri-Tech*

11:30 AM **Spots and rots** – *Chris Smart, Dept. of Plant Pathology & Plant-Microbe Biology, Cornell*

12:00 PM **What I've learned managing pests and disease at Sang Lee Farms** – *Fred Lee, Sang Lee Farms, Peconic, NY*

12:30 PM Adjourn

2021 EMPIRE STATE PRODUCERS EXPO
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Thursday, January 14, 2021

Session Number 3

Weed Management Session 1

Session Organized by: **Lynn Sosnoskie, Dept. of Horticulture, Cornell Agri-Tech, and Bryan Brown, NYS IPM**

- 1:15 PM** **DEC credit sign-up**
- 1:30 PM** **Welcome and sponsor info** – *Lynn Sosnoskie, Dept. of Horticulture, Cornell Agri-Tech, and Bryan Brown, NYS IPM*
- 1:35 PM** **Herbicide discovery and commercialization in the context of herbicide-resistance management** – *Zahoor Ganie, FMC, Newark, DE*
- 1:55 PM** **Biological herbicides for weed control** – *Louis Boddy, Marrone Bio Innovations*
- 2:15 PM** **Using steam to manage weeds in perennial crops** – *Marcelo Moretti, Dept. of Horticulture, Oregon State University, Corvallis, OR*
- 2:35 PM** **Weed control from an electrical discharge system in soybeans: Initial results** – *Lynn Sosnoskie, Cornell University*
- 3:00 PM** **Afternoon Break**

2021 EMPIRE STATE PRODUCERS EXPO
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Thursday, January 14, 2021

Session Number 4

Weed Management Session 2

Session Organized by: **Lynn Sosnoskie, Dept. of Horticulture, Cornell Agri-Tech,**
and Bryan Brown, NYS IPM

- 3:15 PM** **DEC credit sign-up**
- 3:30 PM** **Welcome and sponsor info** – *Lynn Sosnoskie, Cornell, and Bryan Brown, NYSIPM*
- 3:35 PM** **RootWave electrical discharge systems for weed control in specialty crops** —
Stephen Jelley, RootWave
- 3:50 PM** **How does cultivation actually control weeds? Using this knowledge to improve efficacy** – *Eric Gallandt, School of Food and Agriculture, University of Maine, Orono, ME*
- 4:10 PM** **Robotics, automation, and intelligent machines for weed management** – *Steve Fennimore, Dept. of Plant Sciences, University of California, Davis, CA*
- 4:30 PM** **Weed and farm management using robotics and computer vision** – *Pauline Cantenour, FarmWise, San Francisco, CA*
- 4:45 PM** **Cultivation guidance systems available in the eastern U.S.** – *Michael Smith, KULT Kress, Gordonville, PA*
- 5:00 PM** **Adjourn**

2021 EMPIRE STATE PRODUCERS EXPO
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Friday January 15, 2021

Session Number 1

Berry Session I – Spotted Wing Drosophila

Session Organized by: **Esther Kibbe, CCE Harvest NY and Laura McDermott, CCE Eastern NY Commercial Horticulture Program**

- 8:45 AM** **DEC credit sign-up**
- 9:00 AM** **Welcome and sponsor information**
- 9:05 AM** **Non-Chemical SWD Control – Results from 2020 Trial – *Esther Kibbe, CCE Harvest NY***
- 9:30 AM** **Designing exclusion netting support systems that provide long term control of SWD and maximum utility for berry farmers – *Chris Callahan, University of Vermont Extension, Bennington, VT***
- 10:00 AM** **What we've learned about pests in low tunnel strawberry systems – *Samantha Willden, Dept. of Entomology, Cornell***
- 10:30 AM** **Morning Break**

2021 EMPIRE STATE PRODUCERS EXPO
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Friday January 15, 2021
Session Number 2

Berry Session II – Day Neutral Strawberry Production

Session Organized by: **Esther Kibbe, CCE Harvest NY and Laura McDermott, CCE Eastern NY Commercial Horticulture Program**

- 10:45 AM** **DEC credit sign-up**
- 11:00 AM** **Welcome and sponsor information**
- 11:05 AM** **Managing pests in Day Neutral strawberries – Erica Pate, Ontario Ministry of Agriculture, Food and Rural Affairs, Simcoe, Ontario, Canada**
- 11:35 AM** **How we make Day Neutral strawberries pay – A Grower Panel -Tim Stanton, Stanton Family Farms, Feura Bush, NY, and Bryan Samascott, Samascott Orchards, Kinderhook, NY**
- 12:00 PM** **Novel low tunnel coverings for Day Neutral strawberries - Richard Gaiser Jr., Dept, of Horticulture, Cornell**
- 12:30 PM** **Lunch break**

2021 EMPIRE STATE PRODUCERS EXPO
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Friday January 15, 2021

Session Number 3

Berry Session III – Market Opportunities for Berry Growers

Session Organized by: **Esther Kibbe, CCE Harvest NY and Laura McDermott, CCE Eastern NY Commercial Horticulture Program**

- 1:15 PM** **DEC credit sign-up**
- 1:30 PM** **Welcome and sponsor information**
- 1:35 PM** **Pandemic retail marketing – changes made that may stick – A Farmer Panel -**
John Kelder, Kelder's Farm, Kerhonkson, NY, Robert Arnold, Pleasant Valley Farm, Argyle, NY, and Becker Farms, Gasport, NY
- 2:10 PM** **NYS Berry Growers Annual Meeting – Elizabeth Madison, NYSBGA President**
- 2:20 PM** **New Weed Control Products for Berry Crops – Lynn Sosnoskie, Dept. of Horticulture, Cornell Agri-Tech**
- 2:45 PM** **Adjourn**

2021 EMPIRE STATE PRODUCERS EXPO
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Friday, January 15, 2021

Session Number 4

A Five Year Lens – How Growing Produce is Changing

Session Organized by: **Elizabeth Buck, CCE Cornell Vegetable Program**

- 3:15 PM** **DEC credit sign-in**
- 3:30 PM** **Welcome, sponsor info** – *Elizabeth Buck, CCE Cornell Vegetable Program*
- 3:40 PM** **Setting up for crop protection in 2026** – *Larissa Smith, Syngenta Crop Protection, King Ferry, NY*
- 4:00 PM** **The intersection of farming, climate variability, and digital agriculture**
Abe Stroock, School of Chemical and Biomolecular Engineering, Cornell, and Art Degaetano, Dept. of Earth & Atmospheric Sciences, Cornell
- 4:30 PM** **A future with fewer pesticide tools? Perspectives from Ontario, Canada**
Jim Chaput, Provincial Minor Use Pesticides Coordinator, Ontario Ministry of Agriculture, Food, and Rural Affairs, Guelph, Ontario, Canada, and Chris Duyvelshoff, Ontario Fruit & Vegetable Growers Association, Guelph, Ontario, Canada
- 5:00 PM** **Adjourn**

2021 EMPIRE STATE PRODUCERS EXPO
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Friday, January 15, 2021

Session Number 1

PSA Remote Grower Training Course Part 3

Session Organized by: **Elizabeth Bihn, Food Science, Cornell**

***NOTE: In order to receive an AFDO/PSA certificate of attendance, participants must be in attendance online for ALL modules.**

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7:45 AM **Log in**

8:00 AM **Welcome and Day 1 Recap**
– *Betsy Bihn, Food Science, Cornell*

8:30 AM **Module 5: Agricultural Water – Part I: Production Water**
– TBD

9:30 AM **Module 5: Agricultural Water – Part II: Postharvest Water**
– *Elisabeth Hodgdon, CCE Eastern NY Commercial Horticulture Program*

10:30 AM **Break**

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Session Number 2

PSA Remote Grower Training Course Part 4

Session Organized by: **Elizabeth Bihn, Food Science, Cornell**

***NOTE: In order to receive an AFDO/PSA certificate of attendance, participants must be in attendance online for ALL modules.**

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10:45 AM Module 6: Postharvest Handling and Sanitation

– Ricardo Orellana, Produce Safety Alliance

11:45 AM Module 7: How to Develop a Farm Food Safety Plan

– Laura Pineda-Bermudez, Cornell University Institute of Food Safety

12:30 PM Final Questions, Closing Statements, and Course Evaluations

– Betsy Bihn Food Science, Cornell

1:00 PM Adjourn - End of course