

2022 EMPIRE STATE PRODUCERS EXPO

The Oncenter, 800 South State Street, Syracuse, NY 13202-3017

Tuesday January 11, 2022

Session Late Morning (9:45 AM to 11:30 AM)

Ballroom East

Session Name: Hemp Part 1: Research and Extension Updates

Session organized by: Maire Ullrich, CCE Eastern NY Commercial Horticulture Team, Janice Degni, SCNY Dairy and Field Crops Team, Daniela Vergara, CCE Harvest NY

9:45 AM DEC Credit Sign-up

10:00 AM Welcome, Announcements– Maire Ullrich, Cornell Hemp Team

10:05 AM Who is the new emerging crops specialist? – Dr. Daniela Vergara, CCE, Harvest NY

10:25 AM Hemp micropropagation: a how-to demonstration– Dr. Mark Bridgen, Cornell University Long Island Horticultural Research & Extension Center

10:45 AM Diseases - results from 2021 field trials – Chris Smart, Ali Cala, & Patrick McMullen, Cornell University

11:15 AM Risks in the hemp industry – John Hanchar & Lindsey Pashow, CCE, Harvest NY

11:30 AM ADJOURN

DEC credits that were applied for – Actual DEC credits offered will be updated upon approval

Total DEC credit content: 0.5 DEC credit in category 1A, 10, 21

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Tuesday January 11, 2022

Session Number 3 (1:30 PM to 3:00 PM)

Ballroom East

Session Name: Hemp Part 2: Growing the Industry

Session organized by: Janice Degni, SCNY Dairy and Field Crops Team, Maire Ullrich, CCE Eastern NY Commercial Horticulture Team, Daniela Vergara, CCE Harvest NY

- 1:30 PM** **Welcome, Announcements** – *Janice Degni, Cornell Hemp Team*

- 1:35 PM** **Hemp Entrepreneur Panel** - *Kaelan Castetter, Castetter Cannabis Group; Mack Hueber, Beak and Skiff; and Allan Gandelman, Main Street Farms and Head & Heal*

- 2:15 PM** **Permitting in 2022**– *Tim Sweeney, Hemp Program Manager, NYS Department of Ag & Markets*

- 2:30 PM** **NYS cannabinoid program**– *Staff TBA, NYS Department of Health*

- 3:00 PM** **ADJOURN**

No DEC credits

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Tuesday January 11, 2022

Session Number 4 (3:35 PM to 5:00 PM)

Ballroom East

Session Name: **Hemp Part 3: Industry Insights**

Session organized by: Daniela Vergara, CCE Harvest NY, Maire Ullrich, CCE Eastern NY Commercial Horticulture Team, Janice Degni, SCNY Dairy and Field Crops Team

- 3:35 PM Welcome, Announcements and DEC Credit Sign-up
- 3:40 PM Growing autoflower and full season CBD/CBG hemp in direct seeded and high tunnel trials - *Savanna Shelnett, Cornell*
- 4:00 PM What's that blight? - common diseases of hemp – *Jennifer Starr, Cornell*
- 4:20 PM What's new from industry
- 4:25PM Cornell MPS program: what we're teaching, helping NYS industry – *Dr. Carlyn Buckler, Cornell*
- 4:40 PM Industry trends and insights – *Mandi Kerr, CEO/Founder Global Hemp Association*
- 5:00 PM ADJOURN

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Total DEC credit content: 0.5 DEC credit in category 1A, 10, 21

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Tuesday January 11, 2022

Session Late Morning (10:00 AM to 12:00 PM)

Ballroom West

Session Name: Herbicides - Activity, Modes of Action, Symptomology and Movement

Session Organized by: Lynn Sosnoskie, Cornell and Thierry Besancon, Rutgers University

- 10:00 AM** Welcome and Announcements, DEC Credit sign-up– *Lynn Sosnoskie, Cornell*
- 10:05 AM** Herbicides: Introduction to Their History, Use, and Basic Terminology – *Thierry Besancon, Rutgers University and Lynn Sosnoskie, Cornell*
- 10:35 AM** Herbicide Modes of Action and Symptomology: The Light Activation of ROS Chemistries – *Lynn Sosnoskie, Cornell and Thierry Besancon, Rutgers University*
- 11:05 AM** Herbicide Modes of Action and Symptomology: The Cellular Metabolism and Cell Division and Growth Inhibiting Chemistries – *Thierry Besancon, Rutgers University and Lynn Sosnoskie, Cornell*
- 11:35 AM** Herbicide Off-Target Movement: Spray and Vapor Drift and Residue Carryover - *Lynn Sosnoskie, Cornell and Thierry Besancon, Rutgers University*
- 11:55 AM** What's New from Industry
- 12:00 PM** ADJOURN

DEC credits that were applied for – Actual DEC credits offered will be updated upon approval

Total DEC credit content: 1.75 DEC credit in category 1A, 10, 21, 22, 23, 24, 25

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Tuesday January 11, 2022

Session 3 (2:00 PM to 3:25 PM)

Ballroom West

Session Name: **Snap Beans: Stress Mitigation**

Session organized by: Julie Kikkert, CCE Cornell Vegetable Program and Steve Reiners, Cornell

- 2:00 PM **Announcements, DEC credit-sign up** – *Steve Reiners, Cornell*
- 2:05 PM **Snap bean heat stress physiology and heat tolerant varieties** – *Emmalea Garver Ernest, University of Delaware, Carvel Research & Education Center, Georgetown, DE*
- 2:25 PM **Effects of stress on snap bean germination** – *Alan Taylor, Cornell*
- 2:45 PM **The impacts of herbicide application timing on snap bean injury and yield** – *Lynn Sosnoskie, Cornell*
- 3:00 PM **Reduce the risk of bean root rot with cover crops that improve soil health in typical bean rotations** – *Thomas Björkman, Cornell*
- 3:20 PM **What's New from Industry**
- 3:25 PM **ADJOURN**

DEC credits that were applied for – Actual DEC credits offered will be updated upon approval

Total DEC credit content: 0.75 DEC credit in category 1A, 10, 23

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Tuesday January 11, 2022

Session 4 (3:45 PM to 5:00 PM)

Ballroom West

Session Name: Sweet Corn

Session Organized by: Marion Zuefle, NYS IPM

3:45 PM Announcements, DEC credit sign-up

3:50 PM What's New from Industry

3:55 PM Diseases in Corn: Understanding the Pathogens, Fungicide Modes of Action, and Environmental Conditions to Inform In-Season Decisions – *Darcy Telenko, Purdue*

4:40 AM Sweet Corn variety selection. – *Mike Gastier, The Ohio State University*

5:00 PM ADJOURN

DEC credits that were applied for – Actual DEC credits offered will be updated upon approval

Total DEC credit content: 0.75 DEC credit in category 1A, 10, 23

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Tuesday January 11, 2022

Session Late Morning (10:30 AM to 11:45 PM)

Room 1/2

Session Name: Putting the Cost Puzzle Together

Session Organized by: Anna Shuknecht, Farm Credit East, ACA and Anna Richards, 2020 Consulting LLC

10:30 AM *Announcements - Anna Shuknecht Farm Credit East, ACA and Anna Richards, 2020 Consulting LLC*

10:35 AM **You know your input expenses. Here's how to put those pieces together and look at the big picture of what it costs to grow a crop. Our presentation will focus on how to determine the cost of growing a crop in an approachable manner and how that information can be used to make management decisions.** - *Anna Richards, 2020 Consulting LLC and Anna Shuknecht Farm Credit East, ACA*

11:45 AM **ADJOURN**

No DEC credits

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Tuesday January 11, 2022

Session 3 (2:00 PM to 3:15 PM)

Room 1/2

Session Name: Potato Part 1 – Variety Trial Results, Insect Management

Session Organized by: Margie Lund, Cornell Vegetable Program

- 2:00 PM** **Welcome and Announcements - *Margie Lund, CVP***
- 2:05 PM** **Updates on Potato Variety Trials – *Walter De Jong, Cornell***
- 2:25 PM** **Specialty Varieties for Diversified Growers – *Margie Lund, CVP***
- 2:45 PM** **Insect Pest Management in Potato Production – *Margie Lund, CVP***
- 3:05 PM** **What's New from Industry**
- 3:15 PM** **ADJOURN**

DEC credits that were applied for – Actual DEC credits offered will be updated upon approval

Total DEC credit content: 0.5 DEC credit in categories 1A, 10, 23

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Tuesday January 11, 2022

Session 3 (2:00 PM to 3:15 PM)

Room 1/2

Session Name: Potato Part 2 – Disease Management, Soil Health, Storage

Session Organized by: Margie Lund, Cornell Vegetable Program

- 3:45 PM** **Welcome and Announcements - *Margie Lund, CVP***
- 3:50 PM** **Bacterial Ring Rot and other potato diseases* – *Steve Johnson, U Maine***
- 4:10 PM** **Soil Health in Potato Cropping Systems* – *Carl Rosen, University of Minnesota***
- 4:35 PM** **Updates in Potato Storage – *Mike Mager, Arctic Refrigeration***
- 5:00 PM** **Adjourn**

DEC credits that were applied for – Actual DEC credits offered will be updated upon approval

Total DEC credit content: 0.5 DEC credit in categories 1A, 10 and 23

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Tuesday January 11, 2022

All Day Session (8:00 AM to 5:30 PM)

Room Ballroom 4/6

Session Name: Produce Safety Alliance Grower Training

Session organized by: Laura Pineda-Bermudez, Cornell

In order to receive an AFDO/PSA certificate of attendance and DEC credits, participants must be in attendance for all modules. Please do not arrive late and plan to stay for the entire workshop

Session 1 (8:00 AM to 10:00 AM)

- 8:00 AM** **Registration and Refreshments**
- 8:30 AM** **Welcome and Introductions** - *Laura Pineda-Bermudez, National GAPS Program*
- 9:00 AM** **Module 1: Introduction to Produce Safety** - *Betsy Bihn, Produce Safety Alliance*
- 10:00 AM** **Break**

Session 2 (10:15 AM to 12:00 PM)

- 10:15 AM** **Module 2: Worker Health, Hygiene, and Training** - *Laura Biasillo, CCE Broome Co.*
- 11:15 AM** **Module 3: Soil Amendments** - *Ricardo Orellana, Produce Safety Alliance*
- 12:00 PM** **Lunch Break**

Session 3 (12:45 PM to 3:15 PM)

- 12:45 PM** **Module 4: Wildlife, Domestic Animals, and Land Use** - *Laura Pineda-Bermudez, National GAPS Program*
- 1:30 PM** **Module 5: Agricultural Water – Part I: Production Water** - *Ricardo Orellana, Produce Safety Alliance*
- 2:30 PM** **Module 5: Agricultural Water – Part 2: Postharvest Water** - *Elisabeth Hodgdon, CCE – Eastern New York Commercial Horticulture Program*
- 3:15 PM** **Break**

Session 4 (3:30 PM to 5:30 PM)

- 3:30 PM** **Module 6: Postharvest Handling and Sanitation** - *Laura Biasillo, CCE Broome Co.*
- 4:30 PM** **Module 7: How to Develop a Farm Food Safety Plan** - *Elisabeth Hodgdon, CCE – Eastern New York Commercial Horticulture Program*
- 5:15 PM** **Final Questions and Evaluations**
- 5:30 PM** **Adjourn – Pick up DEC recertification credits**

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Total DEC credit content: 2.25 DEC credit in categories 1A, 10, 22, 23, CORE

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Session Late Morning (10:00 AM to 11:15 AM)

Room 7/8

Session name: Energy Savings – Ways to Cut Costs

Session organized by: Liese Boese and Adam Boese, Daylight Savings Company

10:00 AM **Announcements** – *Adam Boese, Daylight Savings Company*

10:05 AM **Energy Bill Little-Known Discounts and Other Ways to Cut Costs** - *Adam Boese, Daylight Savings Company*

Discussion of utility bill discounts, how to effectively buy utilities from third party ESCOs, and the impact of sales taxes. Proven ways to save energy on the farm as well as new and interesting ways that are being tried out. Adam will answer any questions related to energy, renewables such as wind and solar, and net zero energy farms.

11:15 AM **ADJOURN**

No DEC credits

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Session 3 (2:00 PM to 3:15 PM)

Room 7/8

Session Name: H-2A Audits

Session Organized by: US DOL Wage & Hour Division

2:00 PM **Announcements-** - *John Steves- Director of the Wage & Hour Division's Syracuse Area Office, U.S. DOL*

2:05PM Where there is a shortage of U.S. workers to perform manual farm work, the H-2A program allows foreign agricultural workers to enter the country on a temporary basis under appropriate conditions. The US DOL Wage and Hour Division (WHD) enforces the contractual obligations related to wages, transportation, meals, and housing, among other requirements. A representative from the Wage and Hour Division will present the requirements of the H-2A program and what to generally expect during an investigation. Note: WHD does not handle the application process. The application process is handled by US DOL ETA. - *John Steves- Director of the Wage & Hour Division's Syracuse Area Office, U.S. DOL*

3:15 PM **Adjourn**

No DEC credits

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Session 4 (3:45 PM to 5:00 PM)

Room 7/8

Session Name: Pesticide Compatibility

Session Organized by: Mary Centrella, CCE, Pesticide Safety Education Program

3:40 PM **Announcements, DEC credits - Dan Wixted, CCE, Pesticide Safety Education Program**

3:55 PM **Issues of pesticide compatibility, including label requirements, water quality issues, ingredients and carriers, and ways to avoid incompatibility – Mary Centrella, CCE, Pesticide Safety Education Program**

5:00 PM **Adjourn**

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Tuesday January 11, 2022

Session 3 (2:00 PM to 3:15 PM)

Room 3

Session Name: Irrigation

Session Organized by: Liz Malchoff, Empire Drip Supply

2:00 PM **Welcome and Announcements – *Steve Reiners, Cornell***

2:05 PM **Tips and strategies for planning and designing a suitable irrigation system, plus
maintenance and operations issues - *Liz Malchoff, Empire Drip Supply***

3:15 PM **Adjourn**

No DEC credits