

Week 2 Virtual Expo 2022 (Monday 2/28/22-Friday 3/4/22)

Includes approved DEC and CCA credits that will be offered.

CCA credits: PM – pest management; **NM** – nutrient management; **SW** – soil & water; **PD** – professional development

Monday, February 28, 2022

Track 1 – Session 1/2

11:45 AM to 2:20 PM

HEMP 1

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

1.0 DEC credits in 1A, 10, 21

1.0 CCA credits in PM

- 11:45 AM** **Welcome and check in/DEC credit signup**
- 12:10 PM** **Who is the new emerging crops specialist? –**
Dr. Daniela Vergara, CCE, Harvest NY
- 12:25 PM** **Hemp micropropagation: a how-to demonstration–**
Dr. Mark Bridgen, Cornell University Long Island Horticultural Research & Extension Center
- 12:45 PM** **What’s that blight?: common diseases of hemp –**
Dr. Gary Bergstrom, Cornell
- 1:15 PM** **Diseases - results from 2021 field trials –**
Dr. Chris Smart, Ali Cala, & Patrick McMullen, Cornell University
- 1:45 PM** **Growing autoflower and full season CBD/CBG hemp in direct seeded and high tunnel trials –**
Savanna Shelnett, Cornell
- 2:05 PM** **Cornell MPS program: what we’re teaching, helping NYS industry –**
Dr. Carlyn Buckler, Cornell
- 2:20 PM** **Adjourn**

Tuesday, March 1, 2022

Track 2 – Session 2

1:30 PM to 3:05 PM

PESTICIDE COMPATIBILITY

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

1.25 DEC credits in CORE

1.0 CCA credits in PM

1:30 PM **Welcome and check in/DEC credit signup**

1:45 PM **Announcements, DEC credits –**
Dan Wixted, CCE, Pesticide Safety Education Program

1:50 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

3:05 PM **Adjourn**

Tuesday, March 1, 2022

Track 1 – Session 1/2

11:45 AM to 2:20 PM

HEMP 2

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

No DEC Credits

2.0 CCA credits in PD

- 11:45 AM** **Welcome and check in/DEC credit signup**
- 12:10 PM** **What's New from Industry**
- 12:15 PM** **Industry trends and insights –**
Mandi Kerr, CEO/Founder Global Hemp Association
- 12:35 PM** **Risks in the hemp industry –**
John Hanchar & Lindsey Pashow, CCE, Harvest NY
- 12:50 PM** **Hemp Entrepreneur Panel -**
Kaelan Castetter, Castetter Cannabis Group; Mack Hueber, Beak and Skiff; and Allan Gandelman, Main Street Farms and Head & Heal
- 1:30 PM** **Permitting in 2022–**
Tim Sweeney, Hemp Program Manager, NYS Department of Ag & Markets
- 1:45 PM** **NYS cannabinoid program–**
Staff TBA, NYS Office of cannabis management
- 2:15 PM** **Adjourn**

Tuesday, March 1, 2022

Track 2 – Session 1

11:45 AM to 1:30 PM

SNAP BEANS: STRESS MITIGATION

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

0.75 DEC credits in 1A, 10, 23

1.0 CCA credits in CM

0.5 CCA credits in PM

- 11:45 AM** **DEC credit signup**
- 12:00 PM** **Welcome**– *Steve Reiners, Cornell*
- 12:05 PM** **Snap bean heat stress physiology and heat tolerant varieties –**
Emmalea Garver Ernest, University of Delaware, Carvel Research & Education Center, Georgetown, DE
- 12:25 PM** **Effects of stress on snap bean germination –**
Alan Taylor, Cornell
- 12:50 PM** **The impacts of herbicide application timing on snap bean injury and yield –**
Lynn Sosnoskie, Cornell
- 1:05 PM** **Reduce the risk of bean root rot with cover crops that improve soil health in typical bean rotations –**
Thomas Björkman, Cornell
- 1:30 PM** **ADJOURN**

Wednesday, March 2, 2022

Track 1 – Session 1/2

11:45 AM to 2:00 PM

HERBICIDES - ACTIVITY, MODES OF ACTION, SYMPTOMOLOGY AND MOVEMENT

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

1.75 DEC credits in 1A, 10, 21, 22, 23, 24, 25

2.0 CCA credits in PM

- 11:45 AM** **DEC credit signup**
- 12:00 PM** **Welcome, Announcements–**
Lynn Sosnoskie, Cornell
- 12:05 PM** **Herbicides: Introduction to Their History, Use, and Basic Terminology –**
Thierry Besancon, Rutgers University and Lynn Sosnoskie, Cornell
- 12:35 PM** **Herbicide Modes of Action and Symptomology: The Light Activation of ROS Chemistries –**
Lynn Sosnoskie, Cornell and Thierry Besancon, Rutgers University
- 1:05 PM** **Herbicide Modes of Action and Symptomology: The Cellular Metabolism and Cell Division and Growth Inhibiting Chemistries –**
Thierry Besancon, Rutgers University and Lynn Sosnoskie, Cornell
- 1:35 PM** **Herbicide Off-Target Movement: Spray and Vapor Drift and Residue Carryover –**
Lynn Sosnoskie, Cornell and Thierry Besancon, Rutgers University
- 1:55 PM** **What’s New from Industry**
- 2:00 PM** **ADJOURN**

Thursday, March 3, 2022

Track 1 – Session 2

1:30 PM to 3:25 PM

COVER CROPS FOR WEED MANAGEMENT

Session Organized by: Bryan Brown, New York State Integrated Pest Management Program, Cornell University

1.5 DEC credits in 1A, 10, 21, 22, 23

1.5 CCA credits in PM

- 1:30 PM** **DEC credit signup**
- 1:45 PM** **Welcome, Announcements**– *Bryan Brown, New York State Integrated Pest Management Program, Cornell University*
- 1:50 PM** **Cover crop rotations for weed seedbank management –**
Bryan Brown, New York State Integrated Pest Management Program, Cornell University
- 2:05 PM** **Grow successful cover crops for weed management remembering just seven words: Fast start, no gaps, kill on time –**
Thomas Björkman, Cornell University
- 2:25 PM** **Lessons from growing sunn hemp in small- and large-scale operations for weed control –**
Jean-Paul Courtens, Philia Farm
- 2:45 PM** **Living mulch for weed control in plasticulture vegetables –**
Judson Reid, Cornell Vegetable Program
- 3:05 PM** **Cover-cropping row middles in vegetables for improved control of troublesome weeds –**
Thierry Besançon, Rutgers, the State University of New Jersey
- 3:25 PM** **ADJOURN**

Friday, March 4, 2022

Track 1 – Session 1/2

11:45 AM to 2:15 PM

AGROFORESTRY

Session organized by: Samantha Bosco PhD Candidate, Horticulture, Cornell University

No DEC credits

2.0 CCA credits in CM

- 11:45 AM** **Virtual Sign-in**
- 12:00 PM** **Welcome and Announcements –**
Samantha Bosco, SIPS Horticulture, Cornell
- 12:05 PM** **Agroforestry Resource Center –**
Tracey Testo – CCE Columbia and Greene Counties
- 12:25 PM** **Growing hazelnuts in New York –**
Jeff and Dawn Zarnowski, Z's Nutty Ridge, McGraw, NY
- 12:45 PM** **Designing sustainable multistory cropping systems for maple sugarbushes –**
Aaron Wightman, Co-Director, Cornell Maple Program
- 1:05 PM** **Silvopasture –**
Brett Chedzoy, CCE Schuyler County
- 1:25 PM** **Mushroom in the woods –**
Steve Gabriel, Wellspring Forest Farm and Cornell Small Farms Program
- 1:45 PM** **Wild simulated ginseng –**
Justin Wexler and Anna Plattner, Wild Hudson Valley Farm, Freehold, NY
- 2:05 PM** **Q & A with all speakers**
- 2:15 PM** **ADJOURN**