

Empire State Producers Expo 2024

*Indicates DEC Credits

EXPO – 2024 – Tuesday – January 23, 2024 - On Center, Syracuse, NY

❖ **Room 1/2/3- Session 1 - Brambles – 9:00 am – 10:30 am** *(10-1.50,1a-1.50, 22-1.50)

9:00 am **Cane Berry Variety Update** – Courtney Weber, Cornell

Dr. Weber will provide an update on new raspberry and blackberry varieties. Disease resistance and horticultural characteristics that are important to insect management will be included.

9:30 am **Novel Approaches to Cane Berry Production** – Marvin Pritts, Cornell

Dr. Pritts will explain some of the newer production practices being used across the country. These practices will help growers better manage disease and insect pests, while also improving productivity. The focus of the talk will be on pruning and trellising practices that improve airflow and sunlight.

10:00 am **Growing Blackberries in NY – Is it Worth Trying?** - Tim Stanton, Feura Farm, Feura Bush, NY

Mr. Stanton is an experienced farmer, but blackberries were a new enterprise. By employing a version of the rotating cross-arm trellis, along with cultivar choices, he has been able to reliably produce blackberries on his farm.

10:30 am **Adjourn**

❖ **Room 4/5/6-Weeds** *(10-1.50, 1a-1.50, 23-1.50, 22-1.50)

9:00 -Thierry Besancon- Current issues facing vegetable systems with respect to weed management

Current issues facing vegetable systems with respect to weed management. There will be with a specific focus on herbicides (growing problems with resistance, Endangered Species Act impacts on future herbicide labeling, etc...)

9:30- Thierry Besancon- Agronomic practices and cover cropping for weed control

Variest integrated weed management strategies will be discussed including cover crops and crop rotation

10:00 -Lynn Sosnoskie- Currently available and up-and-coming novel technology for weed control

The speaker will discuss currently available and up-and-coming novel technology for weed control

10:35 Adjourn

❖ **Room 7/8/9-Bio Pesticides** *(10-1.50,1a-1.50, 23-1.50)

9:00 -Sarah Pettrybridge- “An Overview of Biopesticides in Crop Production”

This session will review the different types of biopesticide products with an emphasis on microbial biopesticides, examine the big picture and need for an integrated disease management plan to get the most out of these products, and examine a few case studies with vegetable disease data from NY.

10:00 -Chris Smart: Strategies to manage Phytophthora in cucurbits

Many growers faced severe outbreaks of Phytophthora during the 2023 growing season. This talk will cover environmental conditions that led to outbreaks, along with cultural and chemical management strategies that can help control Phytophthora. Strategies that can be used to reduce Phytophthora in 2024 will also be discussed.

10:35 Adjourn

❖ **Room 1/2/3- Session 2 – Blueberry – 11:00 am – 12:30 pm** *(10-1.50, 1a-1.50, 22-1.50)

11:00 am **Fruitworm Review – Maggots, Fruit Flies and Worms** – Anna Wallis, NYS IPM, Cornell

Dr. Wallis will review fruit worm life cycles and management strategies for controlling these families of blueberry pests.

11:30 am **TracCloud – Improving Berry Pesticide Management** – Juliet Carroll, NYS IPM, Cornell

Dr. Carroll, the original designer of TracBerry, will introduce and guide growers through the updated version of this pesticide tracking software.

12:00 pm **Blueberry Disease Management Review** - Kerik Cox, Cornell

Dr. Cox will discuss the major diseases for NYS blueberry plantings and explain control strategies. Diseases likely to be covered include cane blights, fruit rots and viruses.

12:30 pm **Adjourn**

❖ **Room 4/5/6-Grower Panel: The Farmers perspective in the latest technology in weed Control**

*(10-1, 1a-1, 21-1,22-1, 23-1)

11:15 -3 Grower Panel-3 Farmer panel discussing their use of the latest technology in weed control.

-Peter Martens-

-Chuck Kyle

-Chuck Baresich : President - Haggerty AgRobotics Company, and General Manager, Haggerty Creek Ltd.

12:15 -Some benefits of ultraviolet (UV) light to control plant pathogens -Mark S. Rea, PhD, Light and Health Research Center, Icahn School of Medicine at Mount Sinai

Equipment built for the application of UV-C in correct dosages (a) does not affect crop health, (b) is safe for humans to operate, and (c) is cost effective.

12:45 Adjourn

❖ **Room 7/8/9- Farm Viability Beginning Farmer Grant**

11:15- Aileen Randolph -Program Director, New York Farm Viability Institute & Laura Biasillo- Agricultural Economic Development Specialist, Cornell Cooperative Extension-Broome County

Learn about the Beginning Farmer Competitive Grant (BFCG) program and how to develop SMART goals and a SWOT analysis that will help your application succeed!

12:45-adjourn

❖ **Room 1/2/3 -Session 3 - Strawberry: 2:00 pm – 3:30 pm** *(10-1.50, 1a-1.50, 22-1.50)

2:00 pm **Strawberry Research Update** – Anya Osatuke, CCE Harvest, NY, and Laura McDermott, CCE ENYCHP

Berry Extension Specialists Osatuke and McDermott will update growers on recent research results focused on 1) Anaerobic Soil Disinfestation, an organic soil fumigation method; 2) new approaches to winterizing strawberries in the northeast; 3) using low tunnels with June bearing strawberries to reduce pesticide applications; 4) organic fungicide materials for strawberry disease control.

2:45 pm **Preventing & Managing Strawberry Anthracnose Resistance** - Scott Cosseboom, Cornell

Dr. Cosseboom will discuss ongoing research looking at managing fungicide resistance in anthracnose disease on June bearing and Day Neutral strawberries.

3:30 pm **Adjourn**

❖ **Room 4/5/6 -Tomato Production** *(10-1.50, 1a-1.50, 22-1.50, 23-1.50)

2:00 -Greg Vogel-Tomato Breeding -

"Tomato breeding: Overview, Cornell research priorities and disease resistance update"

Overview of recent trends in tomato breeding, future priorities for the Cornell research program, and an update on the status and commercial availability of genetic resistance to the major diseases in the Northeastern U.S., including late blight, early blight, Septoria leaf spot, and bacterial speck.

2:30 -Zach Hansen-Pepper and Tomato Disease : “Tomato and Pepper Disease Updates, With a Focus on Resistance to Key Fungicides”.

A discussion on the most important diseases of tomato and pepper, including tomato late blight, bacterial speck, and bacterial canker, and Phytophthora blight and bacterial spot in pepper. An overview of fungicides commonly recommended for managing these diseases, along with updates on fungicide resistance issues observed with those products

3:00-Jud Reid-Nutrient requirements in Tomatoes

Jud will be discussing nutrient requirements of tomatoes.

3:30 pm Adjourn

❖ **Room 4/5/6 – Farming with Drones**

4:25pm-Kenny Strong- Accurate Ag Spraying

Possibility and Pitfalls of drones in vegetable and berry production

5:00pm – Drones on my Farm: A Grower’s perspective.

5:30pm- Adjourn

❖ **Room 7/8/9-Farm Viability-Grown and Certified Grant**

2:45- NYS Grown & Certified Infrastructure, Technology, Research & Development Grant Program

Aileen Randolph- Program Director, New York Farm Viability Institute

Laura Biasillo-Agricultural Economic Development Specialist, Cornell Cooperative Extension-Broome County

Get an up-to-the minute update on the Infrastructure and Technology part of grant program and how SMART goals and a SWOT analysis will help your application succeed!

❖ **Room 7/8/9-Grown and Certified: Farm Employer Overtime Tax Credit**

4:35-Tim Pezzolesi-Farm Employer Overtime Credit

5:00: Q & A

6:00-adjourn

Wednesday January 24, 2024

❖ **Room 4/5/6 -Onions** *(10-1.50, 1a-1.50, 23-1.50)

9:00 am Intro

9:05-Brian Nault-Insect Management

9:35- Christy Hoepting, CCE Cornell Vegetable Program-

Finishing Strong: Harvest practices that reduce bacterial bulb rot.

10:05- Natalia Pineros- Stemphylium

10:30 am Adjourn

❖ **Room 1/2/3 - CEW Monitoring and Control for Fresh Market Sweet Corn** *(10-1.50, 1a-1.50, 21-1.50, 23-1.50)

9:00 am-Brian Nault- Corn Ear Worms .

Corn ear worm is a leading pest, we will talk about traps, monitoring and crops

9:30 am- Allyson Amidon- Sweet Corn Scouting 101

An IPM approach to controlling pest and disease based off trap counts

10:00am- Sarah Pethybridge- Tar Spot

A new disease which is growing and can be devastating

10:00-Adjourn

❖ **Room 7/8/9 -DEC New Regulations** *(CORE-1.50)

9:00 -Anthony Lamanno- NYSDEC's Bureau of Pesticides Management's 320 series rulemaking.

An outline of the DEC's thoughts on the revision of the NYS pesticide regulations. Including information on the planned revisions to pesticide applicator certification, business registration, pesticide use, and direct supervision.

10:00 Don Nelson- Overview of the Worker Protection Standard –

Don will discuss the worker protection standard and its implications.

10:30 am Adjourn

❖ **Room 1/2/3- Adventures in Agritainment, Fall Attractions and Beyond** (1a-.50, 22-.50, 23-.50)

11:15- 3 Grower Panel-

-Erica Leubner-Tim's Pumpkin Patch

-Drew Wickham-Picknpatch

-Louise Cox-Pumpkin Hollow

12:15- Thierry Besancon- Weed control in Pumpkins (1A,22,23)

An update on the current options in pumpkin weed control

12:45-adjourn

❖ **Room 4/5/6- Farm to School: The Market Opportunity for NY Farmers**

11:15pm: %30 initiative, how schools purchase food and tips for success

Mark McMullen- NYS Dept of Ag and Markets

Cheryl Bilinski- Cornell Harvest NY

12:45pm: Adjourn

❖ **Room 7/8/9-Food Safety** *(CORE-1.25)

11:15- Kellie Worrell- Food Safety Certifications Overview and Tips for Success

An overview of types of Certifications, how to deal with non compliances, internal inspections and more

12:15- Laura Acuna-Maldonado-After two years of FSMA inspections what have we learned??

A discussion about the main problems and ways farms can improve.

12:30 Adjourn

❖ **Room 1/2/3-Cabbage** *(10-1.50, 1a-1.50, 23-1.50)

2:45pm- Session 1: Christy Hoepting and Brian Nault-Life after Lorsban

Continued research on root maggot in cabbage and research on viable options on how to replace Lorsban. Since the ban on Lorsban Christy and Brian have been testing options that are not only cost effective, but realistic in terms of practical use by farms.

3:45- Session 2: Chris Smart

Black Rot and Alternaria Latest

Recent years have identified other strains of Xanthomonas in other states and what that may mean for NY. 2023 has provided over 100 new samples of Xcc and what it means going forward for cabbage production. In addition, research on Alternaria has found new strains resistant to current chemical control options. What does this look like for alternaria control in coming years?

4:15 pm Adjourn

❖ **Room 4/5/6-Soil Health**

2:45 -Judd Reid- Cover Crops in High Tunnels

High tunnels are used throughout NYS to extend the harvest season of greens, cucumbers and most frequently, tomatoes. The continual production of vegetables in the same soil however comes at a cost of increased disease, insect and nutrient imbalances. Could a cover crop rotation address key soil health factors? We will share our latest data on cover crop species, seeding dates and data on nitrogen, soil microbes and structure.

4:15: adjourn

❖ **Room 7/8/9- CEA Agriculture** *(1a-.75, 25-.75,3a-.75, 24-.75)

Session Name: Greenhouse

Session Organized by: Neil Mattson, Cornell University

2:45- Why Can't They Just Stay Home? What's New in Invasive Pests of Ornamentals – Betsy Lamb, NYS Integrated Pest Management

It seems like the number of new invasive pest species just keeps increasing. We'll discuss some of the newer pests – box tree moth, spotted lanternfly, beech leaf disease, elm zigzag sawfly, Thrips parvispinus – and how to identify and manage them.

3:30pm- Top Ten Tips to Save Water and Fertilizer for Bedding Plants and Hanging Baskets

Neil Mattson, Cornell University, School of Integrative Plant Science

Fertilizer costs keep going up. Learn tips for saving water, fertilizer, and money without sacrificing plant quality. The range of approaches discussed will help growers who are looking for quick, inexpensive fixes or those who are ready to make a big change in their approach to irrigation and fertilization.

4:15 pm Adjourn