

NEVF

New England Vegetable & Fruit

CONFERENCE '17



SPONSORED BY THE
COOPERATIVE
EXTENSION
SYSTEMS OF:

UNIVERSITIES OF CONNECTICUT,
MAINE, MASSACHUSETTS, NEW HAMPSHIRE,
RHODE ISLAND, VERMONT,
CORNELL UNIVERSITY,
CONNECTICUT AGRICULTURAL EXPERIMENT
STATION,
MAINE ORGANIC FARMERS AND GARDENERS
ASSOCIATION

NEW ENGLAND VEGETABLE &
BERRY GROWERS' ASSOCIATION, AND
MASSACHUSETTS FRUIT GROWERS'
ASSOCIATION

December 12, 13 & 14, 2017
Radisson Hotel Manchester

MANCHESTER, NEW HAMPSHIRE

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Greetings and Salutations

Welcome to the 21st New England Vegetable and Fruit Conference and Trade Show. This meeting takes place every other year in December, and includes more than 30 educational sessions over 3 days. Topics include major vegetable, berry and tree fruit crops, and much more.

Farmer-to-Farmer meetings throughout the conference allow you to discuss specific issues in more detail. There is also an extensive Trade Show with over 120 exhibitors. We hope that you will enjoy your time here, and meet with fellow growers, advisors, researchers and industry representatives. We want you to leave with new ideas and information that will have a positive impact on your farm.

This conference is special because it is put together with close collaboration between growers and Extension from across the region. The steering committee gathers the best speakers from within our region and across the country to tell you about the latest innovations and advances in vegetable and fruit production. Almost every session includes both farmers and research or extension personnel, so you are getting the “best of both worlds.”

The New England Vegetable and Fruit Extension team also collaborates to conduct research, hold other educational programs, and to create resources for the benefit of growers. These include the New England Vegetable Management Guide, the New England Small Fruit Management Guide, and the New England Tree Fruit Management Guide which are published every other year. For more information about New England Vegetable and Fruit Extension Programs contact your state Extension office.

Our sponsors invite you to visit the Trade Show during the conference. We invite businesses and organizations to exhibit at the Trade Show for the purpose of providing information to the participants. While we make responsible efforts to assure the integrity of the exhibitors, the conference sponsors do not guarantee or warranty any product exhibited; neither do the sponsors imply approval of or endorse any product to the exclusion of others that may be available.

We value your feedback! We use your comments and suggestions to plan the next program. Please fill out an evaluation form before you leave!



2017 New England Vegetable & Fruit Conference & Trade Show Steering Committee

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Local Foods Coordinator

Stacia Monahan, Stone Gardens Farm



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Andre Cantelmo, Grower, NH

Mary Concklin, UConn

Glenn Cook, Grower, MA

Heather Faubert, URI

Ken Foppema, Grower, MA

Jim Garman, Grower, RI

Duane Greene, UMass

David Handley, UMaine

Trevor Hardy, Grower, NH

Ann Hazelrigg, UVM

Rob Johanson, Grower, ME

Laura McDermott, Cornell

Matt Pellerin, Grower, ME

Sue Scheufele, UMass

Eric Sideman, MOFGA

Kim Stoner, CAES

Laura Tangerini, Grower, MA

Tim Taylor, Grower, VT

Registration

Register online at newenglandvfc.org

The pre-registration fee to attend any part or all of the conference or trade show is \$115 for the first member of the farm or business and \$85 for each additional family member or employee when pre-registered with first member. The pre-registration fee for students (high school or college) is \$50 each when pre-registered by the instructor.

Pre-registration must be received by November 30, 2017. There is an additional fee of \$30 per person (\$20 students) for late registration or walk-ins. No refunds after 11/30/17.

Travel to the Conference

Location: Manchester is in the center of New Hampshire, located on US routes 3, I-93 and I-293, and state route 101. It is served by Manchester-Boston Regional Airport.

Hotel Accommodations

The conference host hotel is the Radisson Hotel in downtown Manchester, NH. Conference attendees are responsible for making their own arrangements for lodging. Rooms have been set aside at special conference rates at both the host hotel and at several nearby hotels listed below. We encourage you to reserve early, because rooms typically sell out. Hotel reservation and parking information can be found in this brochure.

Hotel Information

Radisson Hotel - The Center of New Hampshire, 700 Elm St., Manchester, NH. At the Radisson, a limited number of rooms are reserved at a special rate for conference attendees. The hotel rate for conference attendees is \$117 single/double, \$127 triple, \$137 quad. When booking your room, please indicate that you are attending the New England Vegetable and Fruit Conference. When booking online use the reference code: NEVB17. (603) 625-1000

Hilton Garden Inn - Discounted rate of \$139/night when you mention affiliation with NEVFC. Less than a mile from the conference site. **Must call before Nov 20** to get discounted rate. 101 South Commercial St., Manchester, NH 03101 (603) 669-2222

Comfort Inn Airport - Discounted rate of \$89/\$94 for single/double occupancy when you mention affiliation with NEVFC. Amenities include full hot breakfast & onsite fitness center & indoor pool. ***Must make reservation by Nov 20*** The Comfort Inn is 1.4 walking miles to conference site. 298 Queen City Ave., Manchester, NH, 03102 (603) 668-2600

Fairfield Inn - Discounted rate of \$84.00 when you mention affiliation with NEVFC. Amenities include full hot breakfast & onsite fitness center. ***Must make reservation by Nov 20*** 860 S Porter St., Manchester, NH 03103 (603) 625-2020

La Quinta - Discounted Rate of \$95.00 when you mention affiliation with NEVFC. Includes complimentary breakfast. ***Must make reservation by Nov 20*** La Quinta is 2 miles from the conference site. 21 Front St., Manchester, NH 03102 1-603-669-5400

For a list of additional area hotels, please go to the conference website at: newenglandvfc.org.

Parking

Limited parking is available at the host hotel parking garage next to the Radisson hotel. Additionally, a limited number of two hour and ten hour parking meters are available along city streets.

Other parking options:

Hampshire Plaza Parking Garage

2 Plaza Drive, Manchester, NH, 03101

Victory Park Public Garage

25 Vine Street, Manchester, NH, 03101

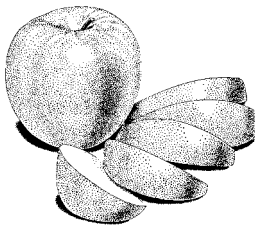
Pesticide Education Credits

Certified pesticide applicators from New England are eligible to receive recertification credit. Growers from New York are NOT eligible to receive pesticide recertification credits. Pick up a form during registration and complete the information on the top portion. Be sure to have your certification number with you. This form is to be used for the entire conference. To get credit for a session, you must attend the entire session and forms must be signed by the Session Moderator at the end of the session. Turn in both the pink and yellow copies of the form at the registration desk when you leave the conference and keep the white copy for your records.

Certified Crop Advisor: Continuing Education Units

Certified Crop Advisors who attend certain sessions are eligible to receive Continuing Education Units. A sign in/out sheet will be available for each session in the room. CCA members must SIGN IN at the beginning of each session and SIGN OUT at the end of the session. You must attend the entire session to receive credit. Be sure to include your CCA membership number.

*Credits are awarded in topic areas. Credits are listed by topic area under the heading for each session. **Topic areas are: Nutrient Mgt., Soil & Water Mgt., IPM, Crop Mgt., and Professional Development.** Credits will be listed in that order (e.g., # Nut. Mgt credit, # S&W Mgt credit, # IPM credit, # Crop Mgt credit, # PD credit) and also provided as a list in registration packets.



Lunch

Each day of the conference, a selection of lunch offerings featuring local ingredients will be set up near the Trade Show exhibition hall and in the 'Cafe on the Park' near the lobby. In partnership with the Radisson Manchester Downtown, the New England Vegetable & Fruit Conference Steering Committee has made an effort to source locally grown ingredients from producers in all six New England states. Lunch and refreshments will also be available at 'JD's Tavern', 'The Daily Brew' and at many restaurants nearby in downtown Manchester.

Social Mixer and Awards Program

On **Tuesday** evening, the Trade Show is sponsoring a social from 4:30-to 6 pm. Light hors d'oeuvres and non-alcoholic beverages will be provided. On **Wednesday** evening, the Conference is sponsoring a social mixer and awards ceremony from 6:00 to 7:30 pm with cash bar and light hors-d'oeuvres. The purpose of this event is to bring everyone together including guests from various state Departments of Agriculture and the New England Land Grant Universities. There will be a short speaking program that will include a brief awards program for the New England Vegetable Berry Growers Association to honor outstanding contributors for local agriculture. The cost of this event is covered by the Conference and Industry supporters of local agriculture. All are invited to this free event. Dinner will be on your own.



NEVBGA

The New England Vegetable & Berry Growers Association (NEVBGA) is the oldest vegetable growers association in the United States. We support and promote the vegetable and berry industries in New England.

The Association is a co-sponsor of the New England Vegetable and Fruit Conference. Made up of farmers and research and Extension personnel from Universities and Industry, we provide educational programming, publications, and networking opportunities for growers of all scales and production practices. We also support University research projects relevant to New England growers. You are invited to become a member!

We are offering a **REDUCED RATE** on Association dues for **FIRST TIME MEMBERS** attending the **CONFERENCE!!**

Visit us at our table by the registration booth.

Farmer-to-Farmer Sessions and Special Events Schedule

WHAT ARE FARMER-TO-FARMER SESSIONS? They are informal “chat” sessions where farmers learn from farmers and other knowledgeable presenters. There will be very short or no presentations at these sessions. Farmers can brainstorm and talk about what works for them and what doesn’t, while learning new ideas from all who attend these roundtable discussions.

WHY SHOULD I ATTEND? Much can be learned from a mixed group of farmers, presenters, Extension people, researchers, and other interested folks. It will allow you a chance to ask questions of presenters and also of those who have experience in farming. These sessions have been very popular and successful, so come help and make these sessions a success for everyone again.

HAVE ANY PHOTOS? For any topic, bring photos, videos, a favorite tool, etc.

NEW EVENTS!

Culinary Breeding Variety Tasting Event: Come to this exciting event, where you can taste and compare diverse winter squash and carrot varieties developed specifically to have superior culinary appeal.

Student Poster Session: We’ve introduced a poster session for students who have been conducting relevant research that you might want to know about at one of our collaborating institutions. Check them out in the Assembly Area outside the Ballrooms!

Tuesday, December 12

EARLY F2F SESSIONS

12:45 - 1:45 pm **WINTER PRODUCTION & SEASON EXTENSION: TRIALS & TRIBULATIONS**
Location: 3 RIVERS BALLROOM (BCD)

12:45 - 1:45 pm **FARMERS’ FAVORITE VEGETABLE VARIETIES A-Z**
Location: CURRIERS

LATE F2F SESSIONS

2:00 - 4:30 pm (long) **WORK SMARTER NOT HARDER: EMPOWERING YOUR FARM WITH TECHNOLOGY (limited seating)**
Location: PIERCE

4:45 - 5:45 pm **INSECTS IN OUR FIELDS & CROPS/ORGANIC CONTROLS**
Location: PEMIGEWASSET BALLROOM (A)

4:45 - 5:45 pm **TIPS & TRICKS OF GARLIC & ONION PRODUCTION**
Location: CURRIERS

4:45 - 6:30 PM **CULINARY BREEDING: Variety Tasting (NEW!)**
Location: WEBSTER

4:30 - 6:00 pm **TRADE SHOW SOCIAL**
Location: EXPO CENTER

SPECIAL EVENING SESSION

6:00 - 9:00 pm

**WPS UPDATE/ WPS TRAIN THE TRAINER
FOR WORKERS**

Location: 3 RIVERS & PEMIGEWASSET BLRMS

Wednesday, December 13

12:00 - 12:45 pm

**MASSACHUSETTS FRUIT
GROWERS' ASSOCIATION
ANNUAL MEETING**

Location: PEMIGEWASSET BALLROOM (A)

EARLY F2F SESSIONS

12:45 - 1:45 pm

**EQUIPMENT & HAND TOOL CHOICES
FOR SMALL FARMS**

Location: 3 RIVERS BALLROOM (BCD)

12:45 - 1:45 pm

**EFFECTIVE SPRAY TECHNIQUES:
ADJUVANTS, SPRAYERS & MORE**

Location: CURRIERS

LATE F2F SESSIONS

4:45 - 5:45 pm

**IMPROVEMENTS FOR VEGETABLE
WASH, PACK & POST HARVEST**

Location: PEMIGEWASSET BALLROOM (A)

4:45 - 5:45 pm

**SUCCESSFUL ORGANIC REDUCED
TILLAGE**

Location: CURRIERS

Special Programs

4:45 - 5:45 pm

STUDENT POSTER SESSION (NEW!)

Location: Assembly outside 3 Rivers Ballroom

6:00 - 7:30 pm

SOCIAL MIXER & AWARDS PROGRAM

Location: BALLROOM BCD

Thursday, December 14

EARLY F2F SESSION ONLY

12:45 - 1:45 pm

**DISEASES AROUND THE FARM &
CONTROL OPTIONS**

Location: PEMIGEWASSET BALLROOM (A)

12:45 - 1:45 pm

***MANAGING SWD & OTHER BERRY
PESTS: GROWERS SHARE STRATEGIES
FOR U-PICK & FARM HARVEST
SITUATIONS***

Location: CURRIERS



Tuesday, December 12
Trade Show - 8am - 6pm

Morning Sessions, 9:30 - 12:00
Farmer to Farmer, 12:45 - 1:45

Strawberry I

LOCATION: ARMORY

Moderator: **DAVID HANDLEY**

Pesticide credits: 2, CCA credits*: 0, 0.5, 1, 1, 0

- 9:30** **Getting Started in Strawberries - Matted Row**
David Handley, University of Maine
- 10:00** **Strawberry Variety Update - June-Bearing**
Kathy Demchak, Penn State University
- 10:30** **Understanding & Preventing Winter Injury**
David Handley, University of Maine
- 11:00** **Improving Pesticide Spray Effectiveness**
Laura McDermott, Cornell University
- 11:30** **Strawberry Weed Management Update**
David Handley, University of Maine
-

TREE FRUIT I

LOCATION: PEMIGEWASSET BALLROOM

Moderator: **DUANE GREENE**

Pesticide credits: 1, CCA credits*: 0.5, 0, 1, 1, 0

- 9:30** **Nitrogen Management in Apple Orchards**
Lailang Cheng, Cornell University
- 10:00** **Developing a Multi-lifestage Management Strategy for Plum Curculio**
Tracy Leskey, USDA Appalachian Fruit Exp. Station, WV
- 10:30** **Managing Fire Blight Under Humid Climate Conditions in Eastern US**
Quan Zeng, Connecticut Ag Experiment Station
- 11:00** **Early Training of High Density Apple Trees: what works and what doesn't - Panel**
Andre Tougas - Tougas Family Farm, MA
Tyler Hardy - Brookdale Orchards, NH
Peter Rogers, Rogers Orchard, CT
-

Winter Growing

LOCATION: 3 RIVERS BALLROOM

Moderator: **SANDY ARNOLD**

Pesticide credits: 2.5, CCA credits*: 0.5, 0.5, 0.5, 1, 0

- 9:30** **Profitable Winter Production of Sprouts & Microgreens in Michigan**
Brian Bates, Bear Creek Organic Farm, MI
- 10:00** **Amazing Winter Tunnel Weed Control**
Andre Cantelmo, Heron Pond Farm, NH
- 10:30** **Managing Spinach Downy Mildew & Other Diseases in Winter Greens**
Meg McGrath, Cornell University
- 11:00** **A Farmer's Winter Production Story in VT**
Paul Horton, Foggy Meadow Farm, VT
- 11:30** **Baby Lettuce and Other Winter Greens Trials at Intervale Community Farm**
Andy Jones, Intervale Community Farm, VT

CUCURBITS & MELONS

LOCATION: CURRIERS

Moderator: **SUSAN SCHEUFELE**

Pesticide credits: 2, CCA credits*: 0, 0, 1, 1.5, 0

- 9:30 Grafting Melons to Extend the Growing Season, Reduce Sudden Wilt and Increase Yield
Janel Martin, University of New Hampshire
- 10:00 Developing Innovative Cucurbit Varieties for Expanding Local Markets
Brent Loy, University of New Hampshire
- 10:30 Growing Melons at Crossroad Farm and Choosing Great Varieties
Tim Taylor, Crossroad Farm, Fairlee VT
- 11:00 Growing Fall Cucumbers; Efficacy & Economics of Downy Mildew Resistant Varieties
Susan Scheufele, University of Massachusetts
- 11:30 Update on Fungicides for Managing Disease in Pumpkins
Meg McGrath, Cornell University
-

ROOT CROPS

LOCATION: FROST HAWTHORNE (UPSTAIRS)

Moderator: **CHUCK BORNT**

Pesticide credits: 2.5, CCA credits*: 0, 0, 0.5, 2, 0

- 9:30 Results from our Carrot & Beet Variety Trials
Crystal Stewart, Cornell University
- 10:00 Weed Control in our Root Crops at Tangerini Spring St. Farm
Laura Tangerini, Tangerini Spring St. Farm, Millis MA
- 10:30 Growing & Marketing Celeriac & Rutabaga at Goranson Farm
Rob Johanson, Goranson Farm, Dresden ME
- 11:00 How We Do Root Crops at Juniper Hill Farm
Adam Hainer, Juniper Hill Farm, Wadhams NY
- 11:30 Root Crop Diseases: from top to bottom
Rob Wick, University of Massachusetts
-

WILDLIFE MANAGEMENT

LOCATION: WEBSTER (NEAR TRADE SHOW)

Moderator: **KIM STONER**

Pesticide credits: 2.5, CCA credits*: 0, 0, 1.5, 1, 0

- 9:30 Managing Voles in Vegetable Crops & High Tunnels
Alan Eaton, University of New Hampshire
- 10:00 Use of Repellants for Averting Deer & Rabbit Damage
Scott Williams, CT Agricultural Experiment Station
- 10:30 Managing Canada Goose, Starling, & Blackbird Damage at Farms in New England
Timothy Cozine, USDA APHIS
- 11:00 Using a Sonic Net to Deter Wildlife: a potential long-term solution for reducing crop loss
John Swaddle, College of William & Mary, Williamsburg VA
- 11:30 Laser Scarecrows: Gimmick or Solution?
Rebecca Brown, University of Rhode Island
-

* CCA Credit explanation found on page 6

**Massachusetts Fruit Growers' Association
Annual Meeting, 12:00 - 12:45
Location: PEMIGEWASSET BALLROOM**

Tuesday, December 12
Trade Show - 8am - 6pm

Afternoon Sessions, 2:00 - 4:30
Farmer to Farmer, 4:45 - 5:45

STRAWBERRY II

LOCATION: ARMORY

Moderator: **DAVID HANDLEY**

Pesticide credits: 2, CCA credits*: 0, 0.5, 0.5, 1.5, 0

- 2:00 **Getting Started in Strawberries - Plasticsulture**
David Handley, University of Maine
- 2:30 **Strawberry Variety Update - Day Neutrals**
Kathy Demchak, Penn State University
- 3:00 **Low Tunnel Strawberry Production**
Marvin Pritts, Cornell University
- 3:30 **Fungicide Resistance: How to Manage Gray Mold Issues**
Laura McDermott, Cornell Cooperative Extension
- 4:00 **Irrigation & Fertigation Update**
Trevor Hardy, Brookdale Fruit Farm, Hollis NH
-

TREE FRUIT II

LOCATION: PEMIGEWASSET BALLROOM

Moderator: **DUANE GREENE**

Pesticide credits: 1.5, CCA credits*: 0, 0, 0.5, 2, 0

- 2:00 **Evercrisp/MAIA - Managed Apple Varieties for Everyone**
Bill Dodd, Fruit Growers' Marketing Assoc., Amherst OH
- 2:30 **Bitter Pit Control in Honeycrisp, Physiology & Mitigation Strategies**
Lailang Cheng, Cornell University
- 3:00 **Storing Honeycrisp, Pomology's Problem Child**
Randy Beaudry, Michigan State University
- 3:30 **Apple Crop Load Management**
Jim Schupp, Penn State University
- 4:00 **Killing Them Softly: Do Soft Fungicides Work?**
Patricia McManus, University of Wisconsin - Madison
-

COVER CROPS

LOCATION: 3 RIVERS BALLROOM

Moderator: **VERN GRUBINGER**

Pesticide credits: 1, CCA credits*: 0, 0.5, 0.5, 1.5, 0

- 2:00 **Making the Most of a Buckwheat Cover Crop**
Thomas Björkman, Cornell University
- 2:30 **Growing Sun Hemp as a Cover Crop**
Jody Bolluyt, Roxbury Farm, Kinderhook NY
- 3:00 **Multi-Species Cover Crops**
Justin Rich, Burnt Rock Farm, Huntington VT
- 3:30 **How to Buy High Quality Cover Crop Seed**
Keith Berns, Green Cover Seeds, Bladen NE
- 4:00 **Using Mustard as a Biofumigant Cover Crop**
Bob Gray, Four Corners Farm, S. Newbury VT
-

* CCA Credit explanation found on page 6

SPECIALTY VEGETABLE CROPS

LOCATION: CURRIERS

Moderator: **BECKY SIDEMAN**

Pesticide credits: 0.5, CCA credits*: 0, 0, 0, 1.5, 1

- 2:00 **An Integrated Approach to Grow & Market Crops for Ethnic Markets**
Frank Mangan, University of Massachusetts
- 2:30 **Feeding Diversity: Lessons Learned from Okra Production in Ontario**
Viliam Zvalo, Vineland Research & Innovation Centre, Ontario
- 3:00 **Saffron: A Good Fit for New England?**
Margaret Skinner, University of Vermont
- 3:30 **Culinary Breeding: a New Way to Look at Specialty Crops?**
Lane Selman, Oregon State University
Lindsay Wyatt, Johnny's Selected Seeds, Winslow ME
-

SWEET CORN

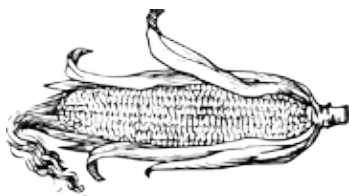
LOCATION: FROST HAWTHORNE (UPSTAIRS)

Moderator: **CHUCK BORN**

Pesticide credits: 2.5, CCA credits*: 0, 0, 1, 1.5, 0

- 2:00 **Current Management Strategies for Sweet Corn Worm Pests**
Galen Dively, University of Maryland
- 2:30 **Sonic Net: a New Tool for Reducing Bird Damage in Sweet Corn**
John Swaddle, College of William & Mary, Williamsburg VA
- 3:00 **Selecting the Right Varieties on Our Farm**
Tim Stanton, Stanton's Feura Farm, Feura Bush NY
Paul Gove, Gove Farm, Leominster MA
Jim Ward, Ward's Berry Farm, Sharon MA

* CCA Credit explanation found on page 6



4:30-6:00 PM: Social Mixer (Trade Show), Light hors d'oeuvres provided

Special Evening Session, 6:00 - 9:00

WORKER PROTECTION STANDARD TRAINING

LOCATION: 4 RIVERS BALLROOMS

Moderator: **ANDREA SZYLVIAN**

Pesticide credits: 3, CCA Credits*: 0, 0, 3, 0, 0

- 6:00 - 9:00 **WPS Update & WPS Train the Trainer for Workers**
Andrea Szylvian, EPA Region 1 WPS Coordinator

Completion of this training will allow employers to provide required training to employees on their farms and participants will receive a certificate of completion for attending.

* CCA Credit explanation found on page 6

Wednesday, December 13
Trade Show - 8am - 6pm

Morning Sessions, 9:30 - 12:00
Farmer to Farmer, 12:45 - 1:45

SOIL HEALTH

LOCATION: ARMORY

Moderator: **MARK HUTTON**

Pesticide credits: 1, CCA credits*: 0.5, 1, 0.5, 0.5, 0

- 9:30** Cover Crop Mixes
Keith Berns, Green Cover Seeds, Bladen NE
- 10:00** Weed Management in Mixed & Segregated Cover Crop Residues
Dan Brainard, University of Michigan
- 10:30** Optimizing Compost & Fertilizer Rates in Organic Residue-Till
Nicholas Rowley, University of Maine
- 11:00** Comparison of Reduced Tillage Strategies for Small-Scale Organic Vegetable Systems
Anu Rangarajan, Cornell University
- 11:30** Tarping Soils to Minimize Tillage & Reduce Weeds
Ryan Matthew Mahar, Cornell University
-

STONE FRUIT

LOCATION: PEMIGEWASSET BALLROOM

Moderator: **JON CLEMENTS**

Pesticide credits: 2.5, CCA credits*: 0, 0, 0.5, 2, 0

- 9:30** Plum Variety Evaluation in Maine - Growing & Tasting
Rena Moran, University of Maine
- 10:00** Peach Systems - trials, tribulations & my opinion!
Jim Schupp, Penn State University
- 10:30** What's Bugging my Peaches?
Dean Polk, Rutgers University
- 11:00** Recommended Peach Varieties for New England
Tom Callahan, Adams County Nursery
- 11:30** 15 Years of Peach Variety Evaluation at the UMass Orchard
Jon Clements, University of Massachusetts
-

BRASSICAS & LEAFY GREENS

LOCATION: 3 RIVERS BALLROOM

Moderator: **KATIE CAMPBELL-NELSON**

Pesticide credits: 1, CCA credits*: 0, 0, 1, 1.5, 0

- 9:30** Innovations in Greens Washing - With an Eye to Food Safety
Rob Rock, Upstream Ag/Pitchfork Farm, Burlington VT
- 10:00** Greens Equipment from Seeding to Harvest at Jericho Settlers Farm
Mark Fasching & Christa Alexander, Jericho Settlers Farm, Jericho VT
- 10:30** Managing Insecticide Resistance: a Diamondback Moth Case Study
Christy Hoepting, Cornell University
- 11:00** Why Are My Greens Brown? 2017 Disease Update
Ann Hazelrigg, University of Vermont
- 11:30** Growing Unique Brassicas for Fresh Market Sales
Jan van der Heide, Bejo Seeds, Geneva NY

* CCA Credit explanation found on page 6

MECHANICAL WEED CONTROL

LOCATION: CURRIERS

Moderator: **VERN GRUBINGER**

Pesticide credits: 2.5, CCA credits*: 0, 0.5, 1, 1, 0

- 9:30 **Evolving Cultivation Strategies at Roxbury Farm**
Jody Bolluyt, Roxbury Farm, Kinderhook NY
- 10:00 **Stacking Tools for Improved Weed Control**
Eric Gallandt, University of Maine
- 10:30 **How I Learned to Use a Kress Cultivator**
Andre Cantelmo, Heron Pond Farm, S. Hampton NH
- 11:00 **Optimizing the Use of Tine Weeders**
Bob LeFrancios, Kovar Organic Equipment, Franklin PA
- 11:30 **Weed Mats, Living Mulches & Cultivation**
David Marchant, River Berry Farm, Fairfax VT
-

WINE GRAPES

LOCATION: FROST HAWTHORNE (UPSTAIRS)

Moderator: **SONIA SCHLOEMANN**

Pesticide credits: 2, CCA credits*: 0, 0, 1, 1.5, 0

- 9:30 **Strategies for Canopy Management for Optimal Juice Quality**
Elsa Petit, University of Massachusetts
- 10:00 **Cold Climate Wine Grape Varieties for New England**
Andy Farmer, Northeastern Vine Supply, West Pawlet VT
- 10:30 **Integrated Disease Management Based on Cultivar Susceptibility & Fungicide Sensitivity**
Patricia McManus, University of Wisconsin-Madison
- 11:00 **Grape Weed Management Update**
Hilary Sandler, University of Massachusetts
- 11:30 **Our Experience with Wine Grapes at Jones Family Farm**
Jamie Jones, Jones Family Farm, Shelton CT



EGGPLANT & PEPPERS

LOCATION: WEBSTER (NEAR TRADE SHOW)

Moderator: **ANDY RADIN**

Pesticide credits: 1.5, CCA credits*: 0, 0, 1, 1.5, 0

- 9:30 **Four Years of Pepper Trials at Highmoor Farm**
Mark Hutton, University of Maine
- 10:00 **Diseases of Peppers & Eggplant**
Cheryl Smith, University of New Hampshire
- 10:30 **Chili Pepper Production for Our Sriracha Products**
Tim Wilcox, Kitchen Garden, Sunderland MA
- 11:00 **Pepper Maggot is Now a Pest to be Managed**
Jude Boucher, University of Connecticut
- 11:30 **Boosting Production of Asian Eggplant Varieties**
Viliam Zvalo, Vineland Research & Innovation Centre, Ontario

* CCA Credit explanation found on page 6

Wednesday, December 13
Trade Show - 8am - 6pm

Afternoon Sessions, 2:00 - 4:30

Farmer to Farmer, 4:45 - 5:45

BRAMBLES

LOCATION: ARMORY

Moderator: **MARY CONCKLIN**

Pesticide credits: 1.5, CCA credits: 0, 0, 0.5, 2, 0*

- 2:00** Cultural Management Techniques for Avoiding Light & Heat-Induced Fruit Damage
Fumiomi Takeda, USDA Appalachian Fruit Exp. Station, WV
- 2:30** Choosing the Best Raspberry Cultivars for High Tunnel Production
Eric Hanson, Michigan State University
- 3:00** My Experience Growing Berries in Tunnels
Adam Hausman, Adam's Berry Farm, Charlotte VT
- 3:30** Current Research on Trap-and-Kill SWD Management
Tracy Leskey, USDA Appalachian Fruit Exp. Station, WV
- 4:00** Alternative Methods of Primocane Management for Primocane-Fruiting Blackberries and Raspberries
Fumiomi Takeda, USDA Appalachian Fruit Exp. Station, WV
-

ORGANIC PRODUCTION

LOCATION: PEMIGEWASSET BALLROOM

Moderator: **ERIC SIDEMAN**

Pesticide credits: 0.5, CCA credits: 1, 0.5, 0, 1, 0*

- 2:00** Tarps and Cocktails: Can We Enhance Effectiveness & Flexibility in Cover Cropping?
Richard Smith, University of New Hampshire
- 2:30** Here Today & Gone Tomorrow: Understanding the Dynamic Nature of Nitrogen
Heather Darby, University of Vermont
- 3:00** Organic Protected Vegetables Grown on Raised Demarcated Beds - Fertility Management
Martine Dorais, Laval University, Quebec Canada
- 3:30** How to Market Organic Vegetables Now That it is Competitive
Kate Donald, Stout Oak Farm, Brentwood NH
- 4:00** To Grow or Not to Grow
Steve Fulton, Blue Ox Farm, Enfield NH

* CCA Credit explanation found on page 6



POST HARVEST TOOLS AND TIPS

LOCATION: 3 RIVERS BALLROOM

Moderator: **VERN GRUBINGER**

Pesticide credits: 1, CCA credits*: 0, 0, 0, 2.5, 0

- 2:00 Post Harvest Cooling & Curing
Chris Callahan, University of Vermont
- 2:30 Lessons Learned Rebuilding our Wash, Pack & Storage
Paul Arnold, Pleasant Valley Farm, Argyle NY
- 3:00 Cleaning Brushes & Other Nasty Wash Line Parts
Amanda Kinchla, University of Massachusetts
- 3:30 Designing for Efficiency in Wash & Pack Sheds
Jean-Paul Cortens, Hudson Valley Farm Hub, Hurley NY
- 4:00 Managing *E. coli* in Vegetable Wash Water
Vern Grubinger, University of Vermont
-

HARD CIDER & CIDER APPLES

LOCATION: CURRIERS

Moderator: **TERENCE BRADSHAW**

Pesticide credits: 0.5, CCA credits*: 0, 0, 0, 2.5, 0

- 2:00 Constraints & Opportunities in Growing Apples for the Cider Market
Terence Bradshaw, University of Vermont
- 2:30 Selling Apples to Cideries; What We're Looking For
Justin Heilenbach, Citizen Cider, Burlington VT
- 3:00 Three Decades of Growing Cider Apples in New England
Steve Wood, Farnum Hill Cider, Lebanon NH
- 3:30 Cidernomics: The Economics of Choices in Cider Production & Marketing
Eleanor Leger, Eden Specialty Ciders, Newport VT
- 4:00 Stepping Into Cider Making: What's Worked for Us
Dan Wilson, Hick's Orchard/Slyboro Cider, Granville NY
Andy Ricker, Ricker Hill Orchard, Turner ME
Peter Mitchell, Headwater Cider, Hawley MA
-

TABLE GRAPES

LOCATION: FROST HOWTHORNE (UPSTAIRS)

Moderator: **GEORGE HAMILTON**

Pesticide credits: 2.5, CCA credits*: 0.5, 0, 1, 1, 0

- 2:00 Basic Canopy & Cluster Management During the Growing Season
Sonia Schloemann, University of Massachusetts
George Hamilton, University of New Hampshire
- 2:30 Growing Seedless Table Grapes in A High Tunnel
Andy Farmer, Northeastern Vine Supply, West Pawlet VT
- 3:00 Basic Grape Disease Identification & Management
Patricia McManus, University of Wisconsin - Madison
- 3:30 Basic Insect Identification and Management
Alan Eaton, University of New Hampshire
- 4:00 Using Soil Testing & Tissue Analysis for Vineyard Nutrient Management
George Hamilton, University of New Hampshire
-

* CCA Credit explanation found on page 6

- 4:45 - 5:45 pm **STUDENT POSTER SESSION (NEW!)**
Location: Assembly outside 3 Rivers Ballroom
-

Social Mixer and Awards Program

6:00 - 7:30

3 RIVERS BALLROOM

Thursday, December 14
Trade Show, 8am - 2pm

Morning Sessions, 9:30 - 12:00

Farmer to Farmer, 12:45 - 1:45

BLUEBERRY I

LOCATION: ARMORY

Moderator: **HEATHER FAUBERT**

Pesticide credits: 1.5, CCA credits*: 0.5, 0, 1, 1, 0

- 9:30** Blueberry Varieties I Like
Eric Hanson, Michigan State University
- 10:00** Pruning Blueberry Bushes
Marvin Pritts, Cornell University
- 10:30** Proper Fertility Management for Blueberries
Eric Hanson, Michigan State University
- 11:00** Growing Pesticide-Free Blueberries in the Age of Spotted Wing Drosophila
Dale Ila Riggs, The Berry Patch, Stephentown NY
- 11:30** Chemicals & Equipment for Controlling Spotted Wing Drosophila
Dean Polk, Rutgers University
-

FARM BUSINESS METRICS

LOCATION: PEMIGEWASSET BALLROOM

Moderator: **TORI LEE JACKSON/LAURA TANGERINI**

Pesticide credits: 0, CCA credits*: 0

- 9:30** Reading Financial Statements
Julia Shanks, Julia Shanks Food Consulting, Cambridge MA
- 10:00** The Power of Margins
Erin S. Pirro, Farm Credit East, Enfield CT
- 10:30** Ratios to Keep Your Business Running at Maximum Performance
Erin S. Pirro, Farm Credit East, Enfield CT
- 11:00** Farming Smarter Not Harder: Discovering your Profit Centers
Richard Wiswall, Cate Farm, Plainfield VT
-

HIGH TUNNELS

LOCATION: 3 RIVERS BALLROOM

Moderator: **BECKY SIDEMAN**

Pesticide credits: 2.5, CCA credits*: 0.5, 0.5, 0.5, 1, 0

- 9:30** Refining High Tunnel Production at Queen's Greens
Danya Tietelbaum, Queen's Greens, Amherst MA
- 10:00** Organic Berry Production in High Tunnels in Quebec
Martine Dorais, Laval University, Quebec Canada
- 10:30** High Tunnel Soil Management Updates
Bruce Hoskins, University of Maine
- 11:00** Habitat Plants to Attract Natural Enemies into High Tunnel Crops
Cheryl Frank Sullivan, University of Vermont
- 11:30** Choosing Varieties for High Tunnel Crops
Becky Sideman, University of New Hampshire

* CCA Credit explanation found on page 6

NUTRIENT MANAGEMENT

LOCATION: CURRIERS

Moderator: **KATIE CAMPBELL-NELSON**

Pesticide credits: 0, CCA credits*: 2.5, 0, 0, 0, 0

- 9:30 Nutrient Management for Fruit Farms
Mary Concklin, University of Connecticut
- 10:00 Growing Our Own Nitrogen: Results from 12 On-Farm Trials in MA & VT
Becky Maden, University of Vermont
Ryan Karb, Many Hands Farm Corp, Amherst MA
- 11:00 Nutrient Management at Langwater Farm: Covercrops & Compost
Kevin O'Dwyer, Langwater Farm, N. Easton MA
- 11:30 Phosphorous Management for Vegetable Farmers
Bruce Hoskins, University of Maine



POTATOES

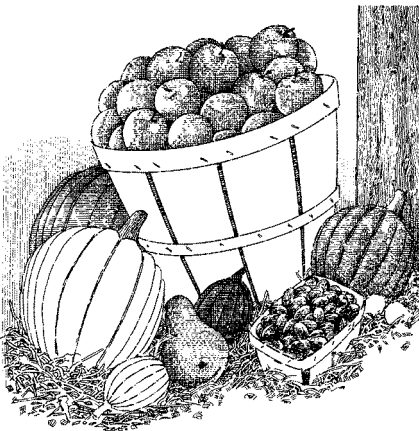
LOCATION: FROST/HAWTHORNE (UPSTAIRS)

Moderator: **ANDY RADIN**

Pesticide credits: 2, CCA credits*: 0.5, 0, 1, 1, 0

- 9:30 BMPs for Dickeya Management Q&A
Margaret McGrath, Cornell University
- 10:00 Next Generation Potato Varieties
John Jemison, University of Maine
- 10:30 Growing Potatoes Organically on Long Island
Fred Lee, Sang Lee Farms, Peconic NY
- 11:00 Nurse Cropping in Potato Systems
John Jemison, University of Maine
- 11:30 Ecological Pest Management for Potatoes
Andrei Alyokhin, University of Maine

* CCA Credit explanation found on page 6



**Thursday, December 14
Trade Show, 8am - 2pm**

Afternoon Sessions, 2:00 - 4:30

BLUEBERRY II

LOCATION: ARMORY

Moderator: **LAURA MCDERMOTT**

Pesticide credits: 2, CCA credits*: 0, 0, 1, 1.5, 0

- 2:00** Post-Harvest Handling Can Improve Fresh Market Success
*Chris Callahan, University of Vermont
Robert Hadad, Cornell University*
- 2:30** How I Grow Certified Organic Blueberries
David Ingalls, Ingalls Blueberry Hill, Milford NY
- 3:00** Weed Control in Blueberries: Strategies for Success
Thierry Besancon, Rutgers University
- 3:30** Blueberry Disease: An Overview for New England Growers
Peter Oudemans, Rutgers University
- 4:00** Pollinating Blueberries for Improved Profit
Frank Drummond, University of Maine
-

FARM DECISIONS

LOCATION: PEMIGEWASSET BALLROOM

Moderator: **TORI LEE JACKSON, SANDY ARNOLD**

Pesticide credits: 0, CCA credits*: 0

- 2:00** The Struggle to 'Right Size' My Farm
Sylvester 'Pete' Taliaferro, Taliaferro Farm, New Paltz NY
- 2:30** Planning for Growth
Julia Shanks, Julia Shanks Food Consulting, Cambridge MA
- 3:00** Effective Marketing for the Busy Farmer
Laura Biasillo, Cornell University
- 3:30** Planning Farm Infrastructure for Maximum Efficiency
Erin S. Pirro, Farm Credit East, Enfield CT
- 4:00** Farm Mechanizations and Efficiencies
Richard Wiswall, Cate Farm, Plainfield VT
-

WATER MANAGEMENT & IRRIGATION

LOCATION: 3 RIVERS BALLROOM

Moderator: **GEORGE HAMILTON**

Pesticide credits: 1.5, CCA credits*: 0, 2.5, 0, 0, 0

- 2:00** The Way We Use Irrigation for Fruit & Vegetable Production
*George Hamilton, University of New Hampshire
Jim Ward, Ward's Berry Farm, Sharon MA
David Wadleigh, Kimball Fruit Farm, Pepperell MA
Russell Holmberg, Holmberg Orchards, Gales Ferry CT*
- 3:00** Drip Irrigation Uniformity
Bill Wolfram, Toro Ag, Accomac VA
- 3:30** How to Measure Irrigation Needs with Soil Moisture Sensors
Trevor Hardy, Brookdale Fruit Farm, Hollis NH
- 4:00** NRCS Practices & Programs that Focus on Irrigation
Chad Cochran, NH NRCS, Concord NH

* CCA Credit explanation found on page 6

INFRASTRUCTURE DECISIONS

LOCATION: CURRIERS

Moderator: **OLIVIA SAUDERS**

Pesticide credits: 0, CCA credits*: 0

- 2:00 **Building the Farm of Your Dreams**
Caroline Pam, The Kitchen Garden, Sunderland MA
- 2:30 **Positioning our Farm so Expansion & Change is Embraced by our Neighbors and Community**
John Moulton, Moulton Farm, Meredith NH
- 3:00 **Infrastructure Decision Making: What Do You Consider? What Should You Consider?**
Seth Wilner, University of NH
Pooh Sprague, Edegwater Farm, Plainfield NH
- 4:00 **Infrastructure Design with the FSMA Produce Safety Rule in Mind**
Chris Callahan, University of Vermont
-

TOMATOES

LOCATION: FROST/HAWTHORNE (UPSTAIRS)

Moderator: **HEATHER BRYANT**

Pesticide credits: 2.5, CCA credits*: 0.5, 0, 1, 1, 0

- 2:00 **Tomato Pest Management**
Ann Hazelrigg, University of Vermont
- 2:30 **Breeding for Better Disease Resistance & Flavor**
Emily Haga, Johnny's Selected Seeds, Albion ME
- 3:00 **Getting Started with Grafting**
Andrew Mefferd, Growing for Market Magazine, Skowhegan ME
- 3:30 **Response of Determinate Field Tomatoes to Foliar Nutrients**
Andy Radin, University of Rhode Island
- 4:00 **High Quality Heirloom Production**
Jon Berube, Heron Pond Farm, S. Hampton NH

* CCA Credit explanation found on page 6



2015 Trade Show Exhibitors*

A & B Insurance Group, LLC
Adama
Adams County Nursery, Inc.
Alarm the Farm
American Stonecraft
Arthur Carroll Insurance Agency
Arysta Life Science
Ball Horticultural Co.
BASF
Bayer CropScience
Baystate Organic Certifiers
BDi Machinery
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C&M (Checchi & Magli)
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Certified Naturally Grown
Certis USA
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Country Folks Grower
Crop Production Services
CropCare
CSI - Nutri-Cal
Decade Products
Devon Lane Farm Supply
Dow AgroSciences
Dubois Agrinovation Inc.
DuPont
Extension Crop Ins. & Risk Mgt. Ed. (ME/MA/RI)
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Farm to Institution New England
Farmer's Choice
Filmorganic
Frazer Insurance Agency
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Frost Farm Service Inc.
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Growing Magazine
H.L. Emery Inc.
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National Center for Appropriate Technology (NCAT)
Nature Safe Natural & Organic Fertilizers
New Boston Truck & Equipment, LLC
New England Farmers Union
New Entry Sustainable Farming Project
New Hampshire Farm Bureau
NH Agricultural Experiment Station
UNH College of Life Sciences & Agriculture
Nichino
NOFA
North Country Organics
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Northeastern IPM Center
Northeastern Vine Supply
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Nufarm Americas
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Rita Brown White French Dressing
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Rupp Seeds, Inc.
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Siegiers Seed Company
Stand 'n Plant
Stanton Equipment Inc.
Stockbridge School of Agriculture - UMass
Stokes Seeds
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Texpak, Inc.
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The Rite Package Company, LLC
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Treen Box & Pallet
Two Bad Cats LLC Farm Tools
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USDA - Farm Service Agency
USDA - Natural Resources Conservation Service
USDA National Agricultural Statistics Service
Service New England Field Office
USDOL - Wage and Hour
Valent USA Corp.
Vermont Farm Bureau
Vermont Compost Company
Western Mass. Food Processing Center
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	Rate	
	Before/after Nov. 30	Amount
First Registrant (1 proceedings included):		
_____	\$115/145	\$ _____
Student:		
_____	\$50/70	\$ _____

		No.	Amount
Additional Registrants	\$85/115	_____	\$ _____
Additional Students	\$50/70	_____	\$ _____
Additional Print Proceedings	\$20	_____	\$ _____

Total Due: \$ _____

Make check payable to:

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First Registrant Contact Info:

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Names of Additional Registrants (family member or employee)

RETURN BY NOVEMBER 30, 2017 TO:

Mark Hutton, Registration Chair

University of Maine Cooperative Extension

PO Box 179, Highmoor Farm

Monmouth, ME 04259

No refunds after Nov. 30th

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