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Greetings and Salutations

Welcome to the 20th 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 100 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!

www.newenglandvfc.org
## General Chair
Jude Boucher, UConn

## Program Chair
Sonia Scholemann, UMass

## Publicity
MacKenzie White, UConn
Faye Cragin, UNH

## Registration
Mark Hutton, UMaine

## Treasurer
Lisa McKeag, UMass

## Trade Show Manager
Brian Aldrich, Independent

## Local Arrangements
Amy Ouellette, UNH

## Pesticide Recertification
George Hamilton, UNH

## Proceedings
Becky Sideman, UNH

## CCA/CEU Recertification
Mark Hutchinson, UMaine

## Secretary
Andy Radin, URI

## Farmer-to-Farmer
Sandy Arnold, Pleasant Valley Farm, NY

## Media Specialist
Faye Cragin, UNH

## Evaluations
Vern Grubinger, UVM

## Travel
Rich Bonanno

## Local Foods Coordinator
Jiff Martin, UConn

## Members At-Large & Moderators

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tr>
<td>Chuck Bornt</td>
<td>Cornell</td>
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<tr>
<td>Rebecca Brown</td>
<td>URI</td>
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<tr>
<td>Heather Bryant</td>
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<td>Katie Campbell-Nelson</td>
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<td>Jon Clements</td>
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<td>Mary Concklin</td>
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<tr>
<td>Heather Faubert</td>
<td>URI</td>
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<td>Paul Gove</td>
<td>Grower, MA</td>
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<td>Duane Greene</td>
<td>UMass</td>
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<td>David Handley</td>
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<td>Chip Hardy</td>
<td>Grower, NH</td>
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<td>Ann Hazeldrigg</td>
<td>UVM</td>
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<td>Tori Lee Jackson</td>
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<td>Rob Johanson</td>
<td>Grower, ME</td>
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<td>Laura McDermott</td>
<td>Grower, Cornell</td>
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<td>Stacia Monahan</td>
<td>Grower, CT</td>
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<td>Skip Paul</td>
<td>Grower, RI</td>
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<td>Matt Pellerin</td>
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<td>Al Rose</td>
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<td>Hilary Sandler</td>
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<td>Eric Sideman</td>
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<td>Kerri Senovitch</td>
<td>Grower, RI</td>
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<td>Kim Stoner</td>
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<td>Dave Tuttle</td>
<td>Grower, ME</td>
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<td>Jim Ward</td>
<td>Grower, MA</td>
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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, 2015. There is an additional fee of $30 per person ($20 students) for late registration or walk-ins. No refunds after 11/30/15.

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 the Hilton Garden Inn. 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 Street, Manchester, NH
1-603-625-1000 www.radisson.com/manchesternh

At the Radisson, a limited number of rooms are reserved at a special rate for conference attendees. The hotel rate for conference attendees is $114 single/double, $124 triple, $134 quad. To book a room please call 603-206-4109 (reservation desk). Please indicate that you are attending the New England Vegetable and Fruit Conference. When booking online use the reference code: NHVF15.

Comfort Inn Airport - 20% off when you mention NEVFC
298 Queen City Avenue, Manchester, NH, 03102
1-603-668-2600

Fairfield Inn - 20% off when you mention NEVFC
860 S Porter Street, Manchester, NH 03103
1-603-625-2020

Quality Inn - $95 per night for single/double and $105 for premier rooms when you mention NEVFC.
55 John E. Devine Drive, Manchester, NH 03103
1-603-668-6110

A hotel shuttle will run to the Radisson or anywhere else within in a 3 mile radius.
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.
Lunch
Each day of the conference, a selection of lunch offerings featuring local ingredients will be set up in the Food Court section of the Trade Show exhibition hall. In partnership with the Radisson Manchester Downtown, the New England Vegetable and Fruit Conference Steering Committee has made an effort to source locally grown ingredients from producers in all six New England states. Many restaurants are also available 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 two 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.
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.

For each of the topics, bring photos on a stick drive, real photos, your favorite tools, short videos, or anything you have to share with the group.

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.

Tuesday, December 17

SPECIAL MORNING F2F SESSION
9:30 - 12:00 am GROWING BEAUTIFUL CUT FLOWERS
Location: PIERCE

REGULAR MORNING F2F SESSIONS
12:30 - 1:30 pm DISEASES AROUND THE FARM & CONTROL OPTIONS
Location: BALLROOM A

12:30 - 1:30 pm HERBS, DOWNY MILDEW & HOT WATER TREATING SEEDS
Location: CURRIERS

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

REGULAR AFTERNOON F2F SESSIONS
4:45 - 5:45 pm POLLINATOR PROTECTION
Location: CURRIERS

4:45 - 5:45 pm WINTER GROWING/SEASON EXTENSION
Location: ARMORY

SPECIAL EVENING SESSION
6:00 - 9:00 pm $100,000 PER ACRE ON A SMALL FARM
Location: BALLROOM ABCD
Wednesday, December 18

12:00 - 12:45 pm  MASSACHUSETTS FRUIT GROWERS’ ASSOCIATION ANNUAL MEETING Location: ARMORY

MORNING F2F SESSIONS

12:30 - 1:30 pm  TIPS & TRICKS FOR SMALL SCALE FARMING PROFITS Location: BALLROOM A

12:30 - 1:30 pm  WASHING STATION SET-UPS & EFFICIENCIES Location: CURRIERS

AFTERNOON F2F SESSIONS

4:45 - 5:45 pm  HARD CIDER Location: Armory

4:45 - 5:45 pm  TOOLS, TRACTORS & TECHNIQUES OF WEED MANAGEMENT Location: BALLROOM A

4:45 - 5:45 pm  INSECTS IN OUR FIELDS & CROPS/ORGANIC CONTROLS Location: CURRIERS

4:45 -5:45 PM  BOOK SALES AND SIGNING BY JEAN-MARTIN FORTIER Location: Foyer outside Ballroom BCD

6:00 - 7:30 pm  SOCIAL MIXER & AWARDS PROGRAM Location: BALLROOM BCD

Thursday, December 19

MORNING F2F SESSION ONLY

12:30 - 1:30 pm  GREENHOUSE TOMATOES Location: BALLROOM A

12:30 - 1:30 pm  BEGINNING FARMERS: STARTUP DECISIONS Location: CURRIERS
Tuesday, December 15
Trade Show - 8am - 6pm

Morning Sessions, 9:30 - 12:00
Farmer to Farmer, 12:30 - 1:30 & 4:45 - 5:45

BLUEBERRY I
LOCATION: FROST/HAWTHORNE (UPSTAIRS)
Moderator: LAURA MCDERMOTT
Pesticide credits: 1.5, CCA credits: 1.5

9:30 Winter Moth - Detection and Management
Heather Faubert, University of Rhode Island

10:00 Finding Revenue in your Blueberry Business
Dan Welch, Cornell University

10:30 Weed Control & Fertility in Organic Blueberry Production
Bernadine Strik, Oregon State University

11:00 Invest in Pollination for Success with Highbush Blueberries
Emily May, Xerces Society

11:30 Innovations in Blueberry Product Marketing
Teresa Gaffney, Highland Blueberry Farm, Stockton Springs ME

TREE FRUIT I
LOCATION: ARMORY
Moderator: DUANE GREENE
Pesticide credits: 2.0, CCA credits: 2.0

9:30 Improving Branching of Apple Trees from Nursery to Orchard
Win Cowgill, Rutgers University

10:00 Climate Change - a Review
Glen Koehler, University of Maine

10:30 Getting the Upper Hand on Fire Blight
Kari Peter, Penn State University

11:00 The Young Grower Alliance and Precision Management Innovations - Panel
Harvista for Precision Harvest Mgt - Mark Boyer, Ridge Top Orchard, Fishertown PA
The Apple Fruiting Wall & Precision Pruning/Hedging - Andre Tougas, Tougas Family Farm, Northborough MA
Innovative Grant for Orchard Pruning - Russell Holmbuer, Holmberg Orchards, Gales Ferry CT
NEWA Technology for Precision IPM and Crop Load Mgt - Ben Lerew, Lerew Bros. Orchard, Inc. Gardners PA

GROWING BEAUTIFUL CUT FLOWERS
LOCATION: PIERCE
Moderators: MIKE HUTCHISON & SANDY ARNOLD

9:30 Growing Beautiful Cut Flowers
Polly & Mike Hutchison, Robin Hollow Farm, RI

This session will be run as a full length Farmer-to-Farmer Workshop
SPECIALTY & ETHNIC CROPS
LOCATION: BALLROOM BCD
Moderator: ANDREW RADIN
Pesticide credits: 2.0, CCA credits: 2.5
9:30 Some Interesting Discoveries Growing Brussels Sprouts
Becky Sideman, University of New Hampshire
10:00 Growing Ginger in the Northeast
Sue Decker, Blue Star Farm, Stuyvesant, NY
10:30 Getting Started with Rhubarb
Nate Nourse, Nourse Farms, Whately MA
11:00 All About Asparagus, & More
Walter Czajkowski & Michael Zigmont, Plainville Farm, Hadley MA

INNOVATIVE IDEAS FOR SMALL ACREAGE
LOCATION: CURRIERS
Moderator: SKIP PAUL/SANDY ARNOLD
Pesticide credits: 1.0
9:30 Working Smarter, Not Harder with Innovative Tools at Pleasant Valley Farm
Paul Arnold, Pleasant Valley Farm, Argyle NY
10:00 Cost Effective Ways to Maximize Fertility Options
Derek Christianson, Brix Bounty Farm, Dartmouth MA
10:30 Innovative Production & Harvest Systems
Dave Hambleton, Sisters Hill Farm, Stanfordville NY
11:00 Geothermal, Hi Tech Bubble Roof & New Generation Wood Boiler for Greenhouses
Sandy Dietz, WhiteWater Gardens Farm, Altura MN
11:30 Innovative Ideas - Panel
Foot Operated Electric Cultivation & Harvest Barge
Rob Rock, Pitch Fork Farm, Burlington VT
Allis Chalmers "G" Electric Conversion
Skip Paul, Wishing Stone Farm, Little Compton RI
Bicycle Tractor & Implements
Tim Cooke, Green Tractor Farm, Dorchester MA

FOOD SAFETY
LOCATION: BALLROOM A
Moderator: HEATHER BRYANT
Pesticide credits: 1.0, CCA credits: 2.0
9:30 Applied Research for Improved Post-Harvest Produce Washing
Amanda Kinchla, University of Massachusetts
10:00 Massachusetts Commonwealth Quality Program & the Intersection of State & Federal Food Safety Programs
Michael Botelho, Mass Dept of Agricultural Resources
10:30 Food Safety Considerations for Packing Sheds
Robert Hadad, Cornell Cooperative Extension
11:00 Farmer Experience with Audit Programs and/or Farm Food Safety Plans
Mark Amato, Verrill Farm, Concord MA
Tyler Hardy, Brookdale Farm, Hollis NH
Peter Rogers, Rogers Orchard, Southington CT

4:30-6:00 PM: Social Mixer (Trade Show), Light hors d’oeuvres provided
<table>
<thead>
<tr>
<th>Event Title</th>
<th>Location</th>
<th>Moderator</th>
<th>Pesticide credits</th>
<th>CCA credits</th>
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<tbody>
<tr>
<td><strong>WINTER GROWING</strong></td>
<td>BALLROOM BCD</td>
<td>SANDY ARNOLD, SKIP PAUL</td>
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<tr>
<td>2:00</td>
<td>Season Extension Options for Your Farm</td>
<td>Chris Lent, National Center for Appropriate Technology</td>
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<td>2:30</td>
<td>Growing Greens for Winter CSA Shares</td>
<td>Ted Blomgren, Windflower Farm, Valley Falls NY</td>
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<td>3:00</td>
<td>Winter Insects, Disease &amp; Rotations in High Tunnels</td>
<td>Judson Reid, Cornell Cooperative Extension</td>
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<tr>
<td>3:30</td>
<td>Frozen Ground Summary from 24 Top Winter Growers in US/Canada</td>
<td>Michael Kilpatrick, Kilpatrick Family Farm, Granville NY Sandy Arnold, Pleasant Valley Farm, Argyle NY</td>
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<td><strong>BRAMBLES</strong></td>
<td>BALLROOM A</td>
<td>MARY CONCKLIN</td>
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<td>2:00</td>
<td>The Basics of Growing Brambles</td>
<td>David Handley, University of Maine</td>
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<td>2:30</td>
<td>Nutrient Management in Brambles</td>
<td>Bernadine Strik, Oregon State University</td>
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<td>3:00</td>
<td>Trellising Options for Brambles in Cold Climates</td>
<td>Marvin Pritts, Cornell University</td>
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<td>3:30</td>
<td>Experiences with High Tunnel Brambles</td>
<td>Bob Gray, 4 Corners Farm, S. Newbury VT</td>
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<td>4:00</td>
<td>Primocane Fruiting Blackberries</td>
<td>Bernadine Strik, Oregon State University</td>
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<td><strong>BLUEBERRY II</strong></td>
<td>FROST/HAWTHORNE (UPSTAIRS)</td>
<td>HILARY SANDLER</td>
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<td>2:00</td>
<td>Post-harvest Care to Enhance Blueberry Crop Value</td>
<td>Craig Kahlke, Cornell University Cooperative Extension</td>
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<td>2:30</td>
<td>Blueberry Varieties for New England Farmers</td>
<td>Adam Hausmann, Adam’s Berry Farm, Charlotte VT Aaron Libby, Libby &amp; Son U-Pick, Limerick ME</td>
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<td>3:00</td>
<td>Improving Spray Deposition in Blueberries</td>
<td>George Hamilton, University of New Hampshire</td>
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<td>3:30</td>
<td>Superfruit! Understanding Health Benefits of Blueberries</td>
<td>Diane McKay, Tufts University</td>
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<td>4:00</td>
<td>Manage Blueberry Fertility Through Your Trickle System</td>
<td>Trevor Hardy, Brookdale Fruit Farm, Hollis NH</td>
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Tuesday, December 15
Trade Show - 8am - 6pm
Afternoon Sessions, 2:00 - 4:30
Farmer to Farmer, 12:30 - 1:30 & 4:45 - 5:45
HARVEST, HANDLING & STORAGE
LOCATION: CURRIERS
Moderator: VERN GRUBINGER
Pesticide credits: 1.0, CCA credits: 2.0

2:00 Harvest Practices at Nature's Route Farm
Kent Coates, Nature's Route Farm, Point de Bute, NB Canada

2:30 Vegetable Storage for Winter CSA Sales
Laura Tangerini, Tangerini's Spring St. Farm, Millis MA

3:00 Mechanizing Harvest of Greens & Roots
Christa Alexander, Jericho Settlers Farm, Jericho VT

3:30 Harvest & Handling Small Volumes of Diverse Crops
Josh Volk, Slow Hand Farm, Portland OR

4:00 Ideas for Harvest & Handling from California
Chris Callahan, University of Vermont

TREE FRUIT II
LOCATION: ARMORY
Moderator: DUANE GREENE
Pesticide credits: 1.5, CCA credits: 2.0

2:00 Suggestions for Improving the Storage Potential of Honeycrisp
Renae Moran, University of Maine

2:30 Validation of the MaluSim Carbohydrate Model
Greg Peck, Virginia Tech Univ.

3:00 Where GMOs Stand Today
Elizabeth Vierling, University of Massachusetts

3:30 Pick-your-own Experiences & Suggestions for Stress-free Success
Giff Burnap, Butternut Farm, Farmington NH
Greg Parzych, Rogers Orchards, Southington, CT
Maurice Tougas, Tougas Family Farm, Northborough MA

Special Evening Session, 6:00 - 9:00

PROFITS ON SMALL ACREAGE
LOCATION: BALLROOM ABCD
Moderator: SANDY ARNOLD
Pesticide credits: 1.0

6:00 $100,000 per Acre on a Small Farm
Jean-Martin Fortier, Les Jardins de la Grelinette, Saint-Armand, Quebec Canada
ON FARM TRIALS BY FARMERS
LOCATION: FROST/HAWTHORNE (UPSTAIRS)
Moderator: ERIC SIDEMAN
Pesticide credits: 1.0, CCA credits: 2.0

9:30  Designing an On-Farm Trial
Becky Sideman, University of New Hampshire

10:00 Analysing the Results of On-Farm Trials
Iago Hale, University of New Hampshire

11:00 Our On-Farm Trial to Test a Disease Management Technique
Amy LeBlanc, WhiteHill Farm, East Wilton ME

11:30 Our On-Farm Trial to Test a Berry Production System
David Marchant, River Berry Farm, Fairfax VT

STONE FRUIT
LOCATION: ARMORY
Moderator: JON CLEMENTS
Pesticide credits: 1.5, CCA credits: 2.0

9:30 How to Use Plant Growth Regulators; ProGibb & Retain to Reduce Peach Flower Bud Density & Enhance Fruit Firmness for Retail Sales
Win Cowgill, Rutgers University

10:00 Bacterial Diseases of Stone Fruit: Spots & Cankers
Kari Peter, Penn State University

Guido Schnabel, Clemson University

11:00 Growing Peaches in Michigan: How We Do It & What Keeps Us Up at Night
Bill Shane, Michigan State University

11:30 Varieties, Horticultural Practices & Challenges
Win Cowgill, Rutgers University
Ben Clark, Clarkdale Fruit Farms, Deerfield MA
Andre Tougas, Tougas Family Farm, Northborough MA
Sandie Barden, Barden Family Orchard, N. Scituate RI
Bill Shane, Michigan State University

MECHANICAL WEED CONTROL
LOCATION: BALLROOM BCD
Moderator: VERN GRUBINGER
Pesticide credits: 2.5, CCA credits: 2.0

9:30 Small Scale Cultivation in Diverse Crops
Josh Volk, Slow Hand Farm, Portland OR

10:00 Mulching & Weed Management
Eric Gallandt, University of Maine

10:30 Mostly Successful Stale Seed Bedding
Tim Taylor, Crossroad Farm, Fairlee VT
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Location</th>
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<tbody>
<tr>
<td>11:00</td>
<td>My Experience with the Fobro Star Hoe</td>
<td>Charlie Tangerini, Tangerini's Spring St. Farm, Millis MA</td>
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<tr>
<td>11:30</td>
<td>Be Courageous With Your Tine Weeder</td>
<td>Dan Kent, Kent Family Growers, Lisbon NY</td>
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**BRASSICAS/LEAFY GREENS**

LOCATION: BALLROOM A  
**Moderator:** SANDY ARNOLD  
Pesticide credits: 2.0, CCA credits: 2.0

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Location</th>
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<tbody>
<tr>
<td>9:30</td>
<td>What’s Bugging My Brassicas &amp; Managing Cole Crop Pests</td>
<td>Dan Gilrein, Cornell University Cooperative Extension</td>
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<tr>
<td>10:00</td>
<td>Exploring Chinese Broccoli Cultivars</td>
<td>Skip Paul, Wishing Stone Farm, Little Compton RI</td>
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<tr>
<td>10:30</td>
<td>Producing Healthy Brassicas Spring Through Fall with Biocontrols &amp; Rotation</td>
<td>Andrew Knafel, Clear Brook Farm, Shaftsbury VT</td>
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<tr>
<td>11:00</td>
<td>Twelve Months of Consistent Greens Production</td>
<td>Michael Kilpatrick, Kilpatrick Family Farm, Middle Granville NY</td>
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<tr>
<td>11:30</td>
<td>Growing Greens in Vermont for Profit</td>
<td>Ben Dana, Root 5 Farm, Fairlee VT</td>
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**STRAWBERRY I - DAY NEUTRAL WORKSHOP**

LOCATION: CURRIERS  
**Moderator:** DAVID HANDLEY  
Pesticide credits: 2.0, CCA credits: 2.0

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| 9:30   | Day Neutral Varieties, Strengths & Weaknesses - Panel                                       | Pam Fisher, Ontario Ministry of Ag., Food & Rural Affairs  
|        |                                                                                             | David Pike, Farm to You, Farmington ME  
|        |                                                                                             | John Lewis, Pereninia, Bible Hill, Nova Scotia Canada |
| 10:00  | Bed Preparation & Planting                                                                  | David Handley, University of Maine         |
| 10:30  | Nutrition & Plant Management                                                                | Laura McDermott, Cornell Cooperative Extension |
| 11:00  | Pest Management in Day Neutral Strawberries                                                 | Pam Fisher, Ontario Ministry of Ag., Food & Rural Affairs |
| 11:30  | Growing Day Neutrals at Farm To You                                                         | David Pike, Farm to You, Farmington ME     |
Afternoon Sessions, 2:00 - 4:30
Farmer to Farmer, 12:45 - 1:45 & 4:45 - 5:45

CUCURBIT VINE CROPS
LOCATION: BALLROOM A
Moderator: KIM STONER
Pesticide credits: 2.5, CCA credits: 2.0

2:00 Strategies for Managing Multiple Pathogens on Pumpkins
Margaret McGrath, Cornell University/LIHREC

2:30 Pollination of Pumpkin & Winter Squash - Thanks to Bumble Bees!
Kim Stoner, Connecticut Ag Experiment Station

3:00 Calabaza Squash & Personal-Sized Watermelons - Two High Value Specialty Crops
Abigail Maynard, Connecticut Ag Experiment Station

3:30 Use of Interspecific Hybrids in Squash for Fresh Market, Processing, & Grafting Rootstocks for Melons
Brent Loy, University of New Hampshire

4:00 Silicon Nutrition of Pumpkin for Suppression of Powdery Mildew
Joseph Heckman, Rutgers University

STRAWBERRY - JUNE BEARING WORKSHOP
LOCATION: FROST/HAWTHORNE (UPSTAIRS)
Moderator: DAVID HANDLEY
Pesticide credits: 2.0, CCA credits: 2.0

2:00 After PYO: Mechanical Harvest Aids - Panel
Ford Stevenson, Stevenson's Strawberries, Wayne ME
Joel Gilbert, Berry Fruit Farm, Livermore ME
Cathy Karonis, Fairwinds Farm, Topsham ME

2:30 Living with Black Root Rot
Marvin Pritts, Cornell University

3:00 Strawberry Viruses: Why Worry?
John Lewis, Perennia, Bible Hill, Nova Scotia Canada

3:30 Weed Focus: Managing Persistant Problems
David Handley, University of Maine

4:00 Zone Tillage: Making it Work for Strawberries
Tim Stanton, Stanton’s Feura Farm, Feura NY

Wednesday, December 14
Trade Show - 8am - 6pm
SOIL HEALTH
LOCATION: BALLROOM BCD
Moderator: MARK HUTCHINSON
Pesticide credits: 1.5, CCA credits: 2.0

2:00 Suppllying Nitrogen from Organic Sources: New Tools for an Old Challenge
Susan Erich, University of Maine

2:30 Cover Crop Research at the University of Rhode Island
Rebecca Brown, University of Rhode Island

3:00 20+ Years of Reduced Tillage; How Has it Changed the Soil?
Andy Williamson, County Fair Farm, Jefferson ME

3:30 Impacts of Farm Management Upon Arbuscular Mycorrhizal Fungi & Production & Utilization of Inoculum
David Douds, USDA-ARS, Wyndmoor PA

4:00 Building Better Soils Through Soil Health Management
Aaron Ristow, Cornell University

HARD CIDER
LOCATION: ARMORY
Moderator: TERENCE BRADSHAW
Pesticide credits: 1.0

2:00 Building a Bigger Orchard - An Overview of the US Cider Industry
Jon London, The Angry Orchard, Boston MA

2:30 Bittersweet Fruit & English Cider Making
Neil MacDonald, Orchard Groundcare, Hornblottom, Somerset U.K.

3:00 Considerations in Designing & Establishing a Cider Orchard
Greg Peck, Virginia Tech

3:30 Cider Apple Research in Vermont
Terence Bradshaw, University of Vermont

4:00 Innovations in Mechanical Harvest for Cider Apples
Carol Miles, Washington State University

FARM DECISIONS: SCALING UP OR NOT
LOCATION: CURRIERS
Moderator: JUDE BOUCHER
Pesticide credits: 1.0

2:00 Staying Small & Profitable
Jean-Martin Fortier, Les Jardins de la Grelinette, Quebec Canada

3:00 Diversification & Downsizing for Optimum Growth
Michele & Bill Collins, Fair Weather Acres, Rocky Hill CT

3:30 Understanding Economy of Scale - Honing In & Finding Your Place
David Liker, Gorman Produce Farm, Laurel MD

Social Mixer and Awards Program
6:00 - 7:30
Ballrooms BCD
Morning Sessions, 9:30 - 12:00
Farmer to Farmer, 12:45 - 1:45

ORGANIC PRODUCTION
LOCATION: BALLROOM A
Moderator: ERIC SIDEMAN
Pesticide credits: 1.0, CCA credits: 1.5

9:30 Nutrient Content, Availability, & Release Rates from Natural Fertilizers
Bruce Hoskins, University of Maine

10:00 How We Manage Fertility all Season at Roxbury Farm
Jody Bolluyt, Roxbury Farm, Kinderhook NY

10:30 How We Manage Fertility all Season at Clear Brook Farm
Andrew Knafel, Clear Brook Farm, Shaftsbury VT

11:00 What Works & What Doesn’t for Disease Management: Recent Trials
Meg McGrath, Cornell University Cooperative Extension

11:30 Lettuce Production Using Plastic Mulch & an Update on Status of Biodegradable Plastic Mulch
Carol Miles, Washington State University

NEW ENGLAND VITICULTURE I
LOCATION: CURRIERS
Moderator: SONIA SCHLOEMANN
Pesticide credits: 1.5, CCA credits: 2.0

9:30 Horticulture & Disease Mgt of Cold Climate Grapes in VT
Terence Bradshaw, University of Vermont

10:00 Site & Soil Parameters for Northern Grape Production
Tim Martinson, Cornell University

10:30 Cold Climate Wine Grape Cultivars for the Northeast
Andy Farmer, Northeast Vine Supply, West Pawlet VT

11:00 Under-Vine Cover Crops as an Alternative to Herbicides in Vineyards
Ming-Yi Chou, Cornell University

11:30 Vineyard Nutrition for Cold Climate Wine Grapes
Diana Cochran, Iowa State University
GREENHOUSE TOMATOES
LOCATION: BALLROOM BCD
Moderator: ANN HAZELRIGG
Pesticide credits: 1.5, CCA credits: 1.5

9:30  Weaving vs Stringing Tomatoes: Which is More Profitable?
      Tim Taylor, Crossroad Farm, Fairlee VT

10:00 Fifty Shades of Gray Mold - Managing Tomato Diseases in
       High Tunnels
       Ann Hazelrigg, University of Vermont

10:30 Growing Great Tomatoes All Winter in Minnesota
       Sandy Dietz, Altura MN

11:00 Satisfying High Tunnel Tomato Nutrient Demands
       Steve Bogash, Penn State University

ROOT CROPS
LOCATION: ARMORY
Moderator: CHUCK BORNT
Pesticide credits: 2.5, CCA credits: 1.0

9:30  Using Deep Tillage at Wilson Farms for Root Crops
      Jim Wilson, Wilson Farms, Lexington MA

10:00 Root Crop Variety Trials
      Crystal Stewart, Cornell University Cooperative Extension

10:30 Growing & Marketing Root Crops at Tangerini’s Spring
       Street Farm
      Laura Tangerini, Tangerini’s Spring St Farm, Millis MA

11:00 Getting Ready to Store Root Crops: What You Need to Know
      Steve Johnson, University of Maine

11:30 Using Ridge Till for Root Crops at Roxbury Farm
      Jody Bolluyt, Roxbury Farm, Kinderhook NY

USING TECHNOLOGY
LOCATION: FROST/HAWTHORNE (UPSTAIRS)
Moderator: TORI JACKSON
Pesticide credits: 1.5, CCA credits: 2.0

9:30  Cabbige: A Price Optimization Tool for Small Farms
      Jessica Angell, Cabbige, Cambridge MA

10:00 Free Apps for Pest Management
      Andrew Frankenfield, Pennsylvania State University

10:30 MyIPM for Strawberries & Peaches
      Guido Schnabel, Clemson University

11:00 Pros & Cons of UAV’s or Drones in Agriculture
      J. Craig Williams, Pennsylvania State University
SWEET CORN  
LOCATION: ARMORY  
Moderator: CHUCK BORNT  
Pesticide credits: 2.5, CCA credits: 1.0

2:00  Revisiting Reduced Tillage Sweet Corn Production at Wilson Farms  
Jim Wilson, Wilson Farms, Lexington MA

2:30  Sweet Corn Genetics: Where We are & Where We’re Going  
Blake Myers, Siegers Seed Company, Rochester NY

3:00  Sweet Corn Planting at Goranson Farms: From Transplanting to Direct Seeding  
Rob Johanson, Goranson Farm, Dresden ME

3:30  Producing the World’s Best Popcorn at Hurricane Flats Farm  
Geo Honigford, Hurricane Flats Farm, South Royalton VT

4:00  What Do I Do About Birds in My Sweet Corn?  
Alan Eaton, University of New Hampshire

NEW ENGLAND VITICULTURE II  
LOCATION: CURRIERS  
Moderator: SONIA SCHLOEMANN  
Pesticide credits: 2.0, CCA credits: 2.0

2:00  Grape Pests & IPM Practices for Cold Climate Cultivars  
Anna Wallis, Cornell Cooperative Extension

2:30  Root & Crown Diseases of V. vinifera for New England  
Elsa Petit, University of Massachusetts

3:00  The Effect of Vine Architecture on Disease Mgt in New England Vineyards  
Frank Ferandino, Connecticut Agricultural Experiment Station

3:30  Table Grape Varieties for New England  
George Hamilton, University of New Hampshire

4:00  Growing & Marketing Seedless Table Grapes at Kimball Fruit Farm  
Carl Hills, Kimball Fruit Farm, Pepperell MA
HOPS
LOCATION: BALLROOM A
Moderator: HEATHER FAUBERT
Pesticide credits: 1.5, CCA credits: 2.0

2:00 Hopyard Construction
Roger Rainville, Borderview Farm, Alburgh VT

2:30 Hop Production
Heather Darby, University of Vermont

3:30 Harvesting & Drying Hops
Chris Callahan, University of Vermont

GREENHOUSE CONTAINER GROWING
LOCATION: BALLROOM BCD
Moderator: BECKY SIDEMAN
Pesticide credits: 2.0, CCA credits: 1.5

2:00 Container Growing: Managing Greenhouse Tomatoes for Consistent & Optimal Yields
Rich McAvoy, University of Connecticut

2:35 Greenhouse Container Vegetable Production at Four Town Farm
Brad Clegg, Four Town Farm, Seekonk MA

3:05 Basics of Hydroponic Production: What You Need to Know
Neil Mattson, Cornell University

3:45 Success with Hydroponic Production in Maine
Shawn O’Donnell, Olivia’s Garden, New Gloucester ME

FERTILIZER DECISION MAKING
LOCATION: FROST/HAWTHORNE (UPSTAIRS)
Moderator: ANDREW RADIN
Pesticide credits: 1.0, CCA credits: 2.0

2:00 Managing P & S in Your Soil’s Nutrient Bank
Natalie Lounsbury, River Rise Farm, Turner ME

2:30 Mid-season N Management (PSNT)
Joseph Heckman, Rutgers University

3:00 Organic Fertility for Greenhouses
Doug Cox, University of Massachusetts

3:30 Green Manuring for Fertilizer Reduction
Hank Bissell, Lewis Creek Farm, Starksboro VT

4:00 Efficacy of Foliar Feeding on High Tunnel Tomatoes
Steve Bogash, Penn State University
Trade Show Exhibitors

Adama
Adams County Nursery, Inc.
Alarm the Farm, LLC
American Stonecraft
Arthur Carroll Insurance Agency
Arysta Life Science
Ball Horticultural Company
BASF
Bayer Crop Science
Bejo Seeds, Inc.
Biosafe Systems
Brookdale Farm Supplies
Buxton Hollow Farm
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Casella Organics
Certis USA
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Charles W. Harris Co. Inc.
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Dow AgroSciences
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Stokes Seeds Inc.
Suntex CP
Syngenta
Tew Manufacturing Corp.
Toro Micro-Irrigation
Two Bad Cats LLC
Valent U.S.A. Corp.
Vermont Compost Company
Wafler Nursery
Wellscroft Fence Systems, LLC

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