



# NORTHEAST GREENHOUSE 2016 CONFERENCE AND EXPO

<b>Acknowledgments .....</b>	<b>2</b>
<b>General Information .....</b>	<b>4</b>
<b>Schedule at-a-Glance .....</b>	<b>6</b>
<b>Pesticide Recertification Credit .....</b>	<b>9</b>
<b>Concurrent Session Grids</b>	
<b>Wednesday Session Grid .....</b>	<b>10</b>
<b>Thursday Session Grid .....</b>	<b>12</b>
<b>Meet the Presenters .....</b>	<b>16</b>
<b>Exhibitor Directory .....</b>	<b>26</b>
<b>Non-Profit Displays .....</b>	<b>35</b>
<b>Advertisements .....</b>	<b>36</b>
<b>Notes .....</b>	<b>41</b>
<b>Exhibitors in Alphabetical Order .....</b>	<b>43</b>
<b>Exhibitors by Booth # .....</b>	<b>44</b>



# ACKNOWLEDGMENTS

The biennial Northeast Greenhouse Conference is co-sponsored by New England Floriculture, Inc., a group of grower representatives from the Northeast, in collaboration with University and Cooperative Extension staff in each state who specialize in greenhouse crops and management.

## MEMBERS & BOARD OF DIRECTORS

### CONNECTICUT GREENHOUSE GROWERS ASSOCIATION

Joseph Vaiuso  
Vaiuso Farms  
75 Hosley Avenue  
Branford CT 06405  
P: 203-488-1430 / E: joec@vaiusofarms.com

### MAINE STATE FLORISTS' AND GROWERS' ASSOCIATION

Scott Longfellow  
Longfellow Greenhouses  
81 Puddledock Road  
Manchester ME 04351  
P: 207-622-5965  
E: slongfellow@longfellowsgreenhouses.com

### MASSACHUSETTS FLOWER GROWERS ASSOCIATION

Teri Boardman (NEF Vice President)  
Volante Farms  
292 Forest St.  
Needham, MA 02492  
P: 781-964-6347 / E: teri@volantefarms.com

### NEW HAMPSHIRE PLANT GROWERS ASSOCIATION

Rick Simpson  
Rolling Green Nursery  
64 Breakfast Hill Rd  
Greenland NH 03840  
P: 603-436-2732 / E: rick@rollinggreennursery.com

### NEW YORK STATE FLOWER INDUSTRY BOARD

Sue Adams (NEF President)  
Mark Adams Greenhouses  
759 Dutchess Turnpike  
Poughkeepsie NY 12603  
P: 845-471-8655 / E: sooadams@aol.com

### RHODE ISLAND GREENHOUSE GROWERS ASSOCIATION

Joe Polseno  
Pippin Orchard  
751 Pippin Orchard Rd  
Cranston, RI 02921  
P: 401-943-7096  
E: PippinOrchard@cox.net

### VERMONT NURSERY AND LANDSCAPE ASSOCIATION (GREEN WORKS)

Sarah Salatino  
Full Circle Gardens  
68 Brigham Hill Rd  
Essex Junction VT 05452  
P: 802-879-1919 / E: fullcircle68@comcast.net



# ACKNOWLEDGMENTS

## EXTENSION REPRESENTATIVES

### CONNECTICUT

Rosa E. Raudales, Program Co-Chair  
University of Connecticut Extension  
Dept. of Plant Science and Landscape  
Architecture  
1376 Storrs Rd Unit 4067  
Storrs, CT 06269  
P: 860-486-6043  
E: rosa.raudales@uconn.edu

### MAINE

Lois Berg Stack, Pesticide Guide Editor  
University of Maine Cooperative Extension  
495 College Ave.  
Orono ME 04473-1294  
P: 207-581-2949  
E: lois.stack@maine.edu

### MASSACHUSETTS

Geoffrey Njue & Tina Smith  
UMass Extension  
1 State Bog Rd, PO Box 569  
East Wareham, MA 02538  
P: 508-295-2212 X 47  
E: gnjue@umext.umass.edu;  
tsmith@umext.umass.edu

### NEW HAMPSHIRE

Ryan Dickson  
UNH Cooperative Extension  
G54 Spaulding Hall, 38 Academic Way  
Durham, NH 03824  
P: 603-862-2520  
E: ryan.dickson@unh.edu

### NEW HAMPSHIRE

Amy Papineau (Interim Alternate)  
UNH Coop Extension, Merrimack County  
315 Daniel Webster Hwy  
Boscawen NH 03303  
P: 603-796-2151  
E: Amy.Papineau@unh.edu

### NEW YORK

Neil Mattson, Assistant Coordinator  
134A Plant Science Bldg  
Cornell University Cooperative Extension  
Ithaca, NY 14853  
P: 607-255-0621  
E: nsm47@cornell.edu

### RHODE ISLAND

Lisa Tewksbury, Program Co-Chair  
Plant Science and Entomology  
University of Rhode Island  
Kingston, RI 02881  
P: 401-874-2750  
E: lisat@uri.edu



## PROGRAM COLLEAGUES

### Cindy Delaney,

Trade Show, Marketing, Registration  
& Treasurer  
Delaney Meeting & Event Management  
One Mill St., #315  
Burlington VT 05401  
P: 802-865-5202  
E: cindy@delaneymeetingevent.com

### Leonard Perry, Coordinator

Green Mountain Horticulture  
P.O. Box 735  
Milton, VT 05468  
P: 802-318-8453  
E: leonard.perry@uvm.edu

### Leanne Pundt, Publicity

Litchfield County Extension Center  
843 University Drive  
Torrington CT 06790-2635  
P: 860-626-6240  
E: leanne.pundt@uconn.edu

# GENERAL INFORMATION

## NAME BADGE FOR ENTRY

All attendees, exhibitors, speakers and moderators **MUST** check in at the Conference Registration Desk onsite to pick up their nametag, and prominently display it during the conference. Nametags will be required for entry into all areas, and special designated nametags will be required for entrance into the educational workshops.

## FLORICULTURE PEST MANAGEMENT GUIDE

Floriculture Pest Management Guides are available at a special rate for conference attendees! The New England Greenhouse Floriculture Guide: A Management Guide for Insects, Diseases, Weeds and Growth Regulators has been the reference of choice for hundreds of greenhouse growers throughout New England since its inception. The latest edition will be available at this conference at a reduced rate of \$30. Stop by the Conference Registration Desk to purchase your copy onsite. After the conference, it will be available for \$40 each, and can be purchased from the website at [www.newgreenhouse.com](http://www.newgreenhouse.com).

## PERSONAL SHOPPING GUIDE

New to the show? Our veteran planning committee and Board will be on hand to give you one-on-one guidance on how to make the best of your trade show shopping experience. Sign up is required in advance. Please check at the Conference Registration Desk for availability.

## PESTICIDE RECERTIFICATION CREDITS



Pesticide applicator recertification credits will be available at the conference, for the six New England states plus New York. A total of 14 one-hour presentations (credits vary by state) will be offered; check the program for the symbols. If you want to earn recertification credits, attend the appropriate sessions and obtain a ticket as you exit each session to verify your attendance. Check at the Pesticide Credit Information Table outside the meeting rooms to determine the process you should follow to complete credit submission for your state. **Attention New York applicators: please check in at the conference registration desk BEFORE you attend a session!**

## TRADE SHOW

Visit with participating companies in the Exhibit Hall and discover the newest innovations in our industry, learn about new products and services, network with your professional peers, gather information for future purchases, and order products that will enhance what you currently offer. Be sure to check out State Resource and Nonprofit Organizations. These displays offer free and low-cost services to help your business. Displays will be located in the Courtyard.

# GENERAL INFORMATION

## FOOD OPTIONS

Food concessions will be available for purchase each day in the Terrace (across the hall from the entrance to the exhibit hall).

## BREAKFAST WITH THE SPEAKERS

Many of the speakers at the conference will be available on Thursday morning for attendees to ask questions. Tickets are \$25. Sign up to have breakfast with your favorite speaker at the Conference Registration Desk.

## HARVEST MARKET LUNCH

The Planning Committee worked closely with the Holiday Inn Boxborough to develop lunch options showcasing local farms and producers. This will be located in the Courtyard and open from 11:30 AM - 1:30 PM Wednesday and Thursday. Stay and shop during lunch and show your support for the local farms!

## POST CONFERENCE SURVEY

We value your feedback! Please take a moment to visit [www.negreenhouse.org](http://www.negreenhouse.org) for a link to our online conference evaluation or go directly to [www.surveymonkey.com/r/negc16](http://www.surveymonkey.com/r/negc16). We'd appreciate your thoughts and comments about your experience at this year's event. Participants will be entered into a raffle for a chance to win two NEGC 2018 registration passes and a Floriculture Pest Management Guide. Thank you!



# SCHEDULE AT-A-GLANCE

## Tuesday, November 8

10:00 AM - 7:00 PM	<b>Exhibitor Set-Up</b>	<i>Parade Room</i>
7:30 PM - 8:30 PM	<b>Dazed and Infused Educational Cocktail Hour</b> <i>[Pre-registration required]</i>	<i>Courtyard</i>

## Wednesday, November 9

7:00 AM - 5:00 PM	<b>Registration &amp; Information Desk Open</b>	<i>Courtyard</i>
9:00 AM - 9:50 AM	<b>Concurrent Educational Sessions</b>	<i>See pages 10-11 for details</i>
	• <i>Thrips Tips, Pot Drips, Mite Blips, and Neonic Hits: Management Matters from 2016</i>	<i>Federal Room</i>
	• <i>Water Quality for Irrigation</i>	<i>Colonial Room</i>
	• <i>5-5-5 Best Ideas for Marketing</i>	<i>Cotillion Room</i>
	• <i>Understanding Plants: Why We Do What We Do in the Greenhouse</i>	<i>Seminar Room</i>
10:00 AM - 10:30 AM	<b>Refreshment Break with Exhibitors</b>	<i>Parade Room</i>
10:00 AM - 5:00 PM	<b>Trade Show Open</b>	<i>Parade Room</i>
10:30 AM - 11:20 AM	<b>Concurrent Educational Sessions</b>	<i>See pages 10-11 for details</i>
	• <i>Alternatives to Neonicotinoids</i>	<i>Federal Room</i>
	• <i>Advanced Plant Nutrition: Getting the Most Out of Your Fertilizer</i>	<i>Colonial Room</i>
	• <i>Consumer Preferences for Pollinator-Related Promotions</i>	<i>Cotillion Room</i>
	• <i>Diagnosis: Disease, Abiotic Disorder or Normal? Know Enough to Know the Difference</i>	<i>Seminar Room</i>
	• <i>Updates on Growing Media</i>	<i>Directors Room</i>
11:30 AM - 1:30 PM	<b>Harvest Market Lunch</b> <i>Stay and shop during lunch and show your support for the local farms and producers! This will be located in Courtyard. Lunch available for delivery to trade show booths with advance order.</i>	<i>Parade Room</i>

# SCHEDULE AT-A-GLANCE

1:30 PM - 2:20 PM	<b>Concurrent Educational Sessions</b>	<i>See pages 10-11 for details</i>
	• <i>Advanced Biocontrol Panel - Double Session</i>	<i>Federal Room</i>
	• <i>Switching to Organic-based Fertilizers</i>	<i>Colonial Room</i>
	• <i>Cutting Edge PGRs</i>	<i>Cotillion Room</i>
2:30 PM - 3:20 PM	<b>Concurrent Educational Sessions</b>	<i>See pages 10-11 for details</i>
	• <i>Advanced Biocontrol Panel - Double Session</i>	<i>Federal Room</i>
	• <i>Being a Plant Diagnostic Detective</i>	<i>Colonial Room</i>
	• <i>Saffron: A Golden Opportunity for Crop Diversification</i>	<i>Cotillion Room</i>
3:30 PM - 4:00 PM	• <i>Identifying the Good and the Bad Bugs</i>	<i>Seminar Room</i>
	<b>Keynote Presentation:</b> <b>Connecting People with Flowers</b> <i>Kate Santos, Dümmen Orange</i> <i>The horticulture industry and its customers are constantly changing. Understanding each generation's similarities and differences allows businesses to be active participants in customers' decisions about purchasing plants. Kate Santos shares what the global firm Dümmen Orange is doing to understand who are those industry customers, how those customers impact company activities, and what the company is doing to help connect people with flowers.</i>	<i>Federal and Colonial Rooms</i>
	• <i>Work Safely in the Greenhouse</i>	<i>Seminar Room</i>
	5:00 PM - 7:00 PM	<b>Northeast Greenhouse Conference Reception (All Invited to Attend)</b> <i>Co-Sponsored by: Ball Seed/S.B. Machinerie and Griffin Greenhouse Supplies</i>

# SCHEDULE AT-A-GLANCE

## Thursday, November 10

7:30 AM - 3:00 PM	<b>Registration &amp; Information Desk Open</b>	<i>Courtyard</i>
7:30 AM - 8:30 AM	<b>Breakfast with the Speakers</b> <i>Tickets are \$25. Advance registration is required. Space is limited. Visit the Registration Desk for more information.</i>	<i>Courtyard</i>
8:00 AM - 3:00 PM	<b>Trade Show Open</b>	<i>Parade Room</i>
9:00 AM - 9:50 AM	<b>Concurrent Educational Sessions</b>	<i>See pages 12-15 for details</i>
	<ul style="list-style-type: none"> <li>• <i>What's New and How Do We Stop It: Disease Management on Flowers and Herbs in the Greenhouse</i></li> </ul>	<i>Federal Room</i>
	<ul style="list-style-type: none"> <li>• <i>Commonsense Greenhouse Mechanization: Lower Labor Input</i></li> </ul>	<i>Colonial Room</i>
	<ul style="list-style-type: none"> <li>• <i>Yield Response to CO<sub>2</sub> Enrichment</i></li> </ul>	<i>Cotillion Room</i>
	<ul style="list-style-type: none"> <li>• <i>Monitoring the Greenhouse Environment</i></li> </ul>	<i>Directors Room</i>
	<ul style="list-style-type: none"> <li>• <i>Proven New Perennials</i></li> </ul>	<i>Seminar Room</i>
10:00 AM - 10:30 AM	<b>Refreshment Break with Exhibitors</b>	<i>Parade Room</i>
10:30 AM - 11:20 AM	<b>Concurrent Educational Sessions</b>	<i>See pages 12-15 for details</i>
	<ul style="list-style-type: none"> <li>• <i>Mealybug Management: How to Deal with this "Fuzzy-Sucking" Insect Pest</i></li> </ul>	<i>Federal Room</i>
	<ul style="list-style-type: none"> <li>• <i>Sensor Based Irrigation for Height Control</i></li> </ul>	<i>Colonial Room</i>
	<ul style="list-style-type: none"> <li>• <i>Yield Responses to Supplemental Lighting</i></li> </ul>	<i>Cotillion Room</i>
	<ul style="list-style-type: none"> <li>• <i>Monitoring Growing Media: pH and EC</i></li> </ul>	<i>Directors Room</i>
	<ul style="list-style-type: none"> <li>• <i>Trends From the Trenches</i></li> </ul>	<i>Seminar Room</i>
11:30 AM - 1:30 PM	<b>Harvest Market Lunch</b> <i>Stay and shop during lunch and show your support for the local farms and producers! This will be located in Courtyard. Lunch available for delivery to trade show booths with advance order.</i>	<i>Courtyard</i>



# SCHEDULE AT-A-GLANCE

1:30 PM - 2:20 PM	<b>Concurrent Educational Sessions</b>	<i>See pages 12-15 for details</i>
	• <i>The Ins and Outs of Using Biopesticides to Manage Diseases of Greenhouse Flowers and Herbs</i>	<i>Federal Room</i>
	• <i>Energy Efficient Greenhouse Design</i>	<i>Colonial Room</i>
	• <i>Growing Basil Start to Finish</i>	<i>Cotillion Room</i>
	• <i>How to Get the Most From Your Beneficial Insects</i>	<i>Directors Room</i>
	• <i>Plants with Style: A Plantsman's Choices for a Vibrant, 21st Century Garden</i>	<i>Seminar Room</i>
2:30 PM - 3:20 PM	<b>Concurrent Educational Sessions</b>	<i>See pages 12-15 for details</i>
	• <i>Social Media for Greenhouse Growers and Garden Centers</i>	<i>Federal Room</i>
	• <i>Net Zero Energy Greenhouse: Growing with Zero Emissions</i>	<i>Colonial Room</i>
	• <i>Managing Nutrient Solutions for Hydroponic Leafy Greens and Herbs</i>	<i>Cotillion Room</i>
	• <i>Ornamental Grasses: Plants and Combinations that Sell</i>	<i>Seminar Room</i>
3:00 PM	<b>Trade Show Closes</b>	
3:30 PM - 4:20 PM	<b>Concurrent Educational Sessions</b>	<i>See pages 11-14 for details</i>
	• <i>Gardening with a Y</i>	<i>Federal Room</i>
	• <i>Perennials for Pollinators: Choosing the Best, Using Them Effectively</i>	<i>Seminar Room</i>



## PESTICIDE CREDIT KEY



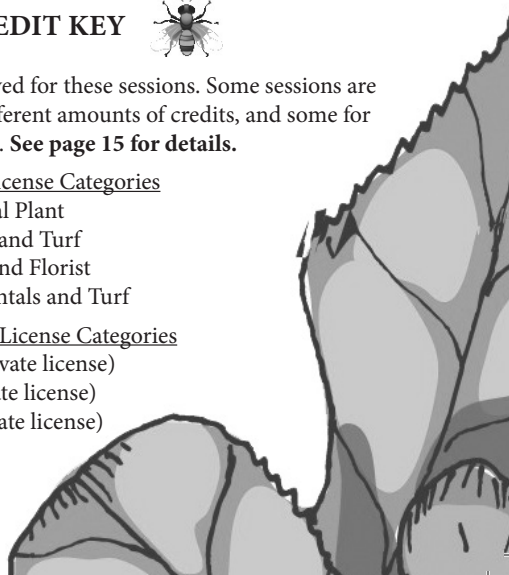
Pesticide Recertification Credit has been approved for these sessions. Some sessions are approved only for New York State, some for different amounts of credits, and some for different categories of applicators. **See page 15 for details.**

### Key to New York (NY) License Categories

- 1a=Agricultural Plant
- 3a=Ornamental and Turf
- 24=Greenhouse and Florist
- 25=Nursery, Ornamentals and Turf

### Key to New England (NE) License Categories

- 26=Greenhouse (private license)
- 29=Nursery (private license)
- 31=Vegetable (private license)



# EDUCATIONAL SESSION GRID - WEDNESDAY

	<b>Pests/Diseases</b> Moderators: Tina Smith & Kathy Murray	<b>Greenhouse Management</b> Moderators: Ryan Dickson & Amy Papineau	<b>Business &amp; Marketing</b> Moderators: Alicia Rihn & Mark Adams
	FEDERAL ROOM	COLONIAL ROOM	COTILLION ROOM
SESSION 1   9:00 AM - 9:50 AM	<b>Thrips Tips, Pot Drips, Mite Blips, and Neonic Hits: Management Matters from 2016</b> <i>Dan Gilrein, Cornell University</i> Thrips, broad mites and chemical sensitivity were hot issues in 2016 for greenhouse growers, who sought information on managing pests with fewer or no neonicotinoids. This presentation will cover these topics and address how to recognize and manage these pests most effectively. 	<b>Water Quality for Irrigation</b> <i>Bill Argo, The Blackmore Co.</i> The goal of this session is to help growers understand their irrigation water. It will include information on how to interpret a water test, different water sources, and how irrigation water influences both pH management and plant nutrition.	<b>5-5-5 Best Ideas for Marketing Grower Panel</b> Staying alive in our competitive environment takes quick thinking and good ideas. "5" panelists - 5 minutes each - 5 great ideas each. Sue Adams, Kirsten Smith Maskell, Teri Boardman, and Dustyn Nelson will tell us what worked to attract customers and increase sales. Our fifth panelist is the audience. What have you done that works? Take away innovative ideas from this interactive session to help your business grow.
SESSION 2   10:30 AM - 11:20 AM	<b>Alternatives to Neonicotinoids</b> <i>Carlos Bográn, OHP, Inc.</i> This presentation summarizes the attributes and limitations of neonicotinoid insecticides in floriculture and nursery production, and provides tips on the use of alternative chemistries within integrated pest management programs focused on production of high quality plants. 	<b>Advanced Plant Nutrition: Getting the Most Out of Your Fertilizer</b> <i>Bill Argo, The Blackmore Co.</i> This session helps growers understand how nutrients are applied to their crops. It includes a discussion about how different management factors interact to influence plant nutrition, and shows how to develop an overall fertilizer strategy that minimizes nutritional problems.	<b>Consumer Preferences for Pollinator-Related Promotions</b> <i>Alicia Rihn, University of Florida</i> Declining pollinator insect populations have led to increased consumer interest in aiding pollinators. This session covers pollinator-related promotions including consumer preferences, perceptions, awareness of neonicotinoid pesticides, and pollinator-related marketing strategies.
	<b>Pests/Diseases</b> Moderators: Lisa Tewksbury & Heather Faubert	<b>Greenhouse Management</b> Moderators: Neil Mattson & Cheryl Smith	<b>Business &amp; Marketing</b> Moderators: Amy Papineau & Ryan Dickson
SESSION 3   1:30 PM - 2:20 PM	<b>Advanced Biocontrol Panel [Double Session]</b> <i>Suzanne Wainwright-Evans, Buglady; Ron Valentin, Bioline Agrosciences Inc.; Jeff Marsteller, Cozy Acres Greenhouses</i> Two consultants who have worked with growers globally to develop effective biocontrol programs, and a grower from our region with extensive experience with these, will share what is most important for you to know. They'll go beyond the basics to cover specifics of what works, and doesn't. Learn what's required to get the most value and control from biological agents and products.	<b>Switching to Organic-based Fertilizers</b> <i>Neil Mattson, Cornell University</i> Many organic fertilizer products are on the market, but how do you know which to choose for your container-grown plants, what rates to use, and what the costs will be? Learn how to use several granular and liquid organic fertilizer products for your ornamental and vegetable plants. Learn how these fertilizers can reduce nutrient leaching and affect insect and disease pressure.	<b>Cutting Edge PGRs</b> <i>Brian Whipker, North Carolina State University</i> Research at NC State has focused on optimizing PGR performance and determining additional benefits of PGRs. Learn about the latest updates on PGR combinations, increasing foliar spray efficacy by leaf rewetting, adherence of PGRs to plastic pots, overcoming low doses in irrigation water, and how the use of PGRs increases profit by reducing water and fertilizer use. 
SESSION 4   2:30 PM - 3:20 PM		<b>Being a Plant Diagnostic Detective</b> <i>Brian Whipker, North Carolina State University</i> Nutritional and irrigation problems, chemical burn, and environmental issues can damage greenhouse crops in ways that mimic pathogen and pest damage. Learn the symptoms associated with these problems, and strategies to identify and avoid them in the future. 	<b>Saffron: A Golden Opportunity for Crop Diversification</b> <i>Margaret Skinner, University of Vermont</i> Saffron sells for \$5,000/lb retail, and has culinary and medicinal value. UVM research on saffron production in unheated greenhouses produced yields greater than those in other saffron-growing regions, demonstrating its potential as a high-value specialty crop.

# EDUCATIONAL SESSION GRID - WEDNESDAY

		Spanish Language Moderator: Rosa Raudales		Allied Trade Session	
		SEMINAR ROOM		DIRECTORS ROOM	
SESSION 1   9:00 AM - 9:50 AM	<p><b>Understanding Plants: Why We do What We Do in the Greenhouse</b> <i>Carlos Bográn, OHP, Inc.</i></p> <p>This presentation will focus on basic concepts of plant health, factors that limit normal plant growth and development, irrigation practices, basic plant nutrition, pH and EC management and other cultural and crop management practices that directly and indirectly affect plant quality and susceptibility to pests and diseases.</p> 	<p><b>Funcionamiento de plantas: ¿Por qué hacemos lo que hacemos en el invernadero?</b> <i>Carlos Bográn, OHP, Inc.</i></p> <p>En esta presentación nos enfocaremos en conceptos básicos relacionados a la salud de plantas, factores que limitan el crecimiento y desarrollo, riego, nutrición, manejo de pH y conductividad eléctrica, y otras prácticas culturales y como pueden afectar directa e indirectamente la calidad de la plantas y la susceptibilidad a enfermedades y plagas.</p>	<p><b>Updates on Growing Media</b> <i>Dr. Daniel Jacques, Technical Services Manager, Sun Gro Horticulture</i></p> 		
	SESSION 2   10:30 AM - 11:20 AM	<p><b>Diagnosis: Disease, Abiotic Disorder or Normal? Know Enough to Know the Difference</b> <i>Rosa Raudales, University of Connecticut</i></p> <p>Plants get sick for multiple reasons. To develop an adequate management program it is important to first identify the cause of the problem. Apply diagnosis every time you interact with plants. This presentation discusses how to identify the cause of common plant disorders and diseases.</p> 			
<p align="center"><b>Spanish Language</b> Moderator: Rosa Raudales</p>					
SESSION 3   1:30 PM - 2:20 PM	<p><b>Identifying the Good and the Bad Bugs</b> <i>Carlos Bográn, OHP Inc.</i></p> <p>This presentation provides tips on detecting and identifying common pests and their natural enemies and methods for conserving and augmenting biological controls of whiteflies, aphids, thrips, mites, and leaf miners.</p> 	<p><b>Identificación de insectos buenos y malos</b> <i>Carlos Bográn, OHP Inc.</i></p> <p>En esta presentación proveeremos consejos de cómo identificar plagas y sus enemigos naturales para mantener programas de control biológico, incluyendo mosca blanca, áfidos, trips, ácaros y minadores de hojas y sus enemigos.</p>			
	SESSION 4   2:30 PM - 3:20 PM	<p><b>Work Safely in the Greenhouse</b> <i>Anna Meyerhoff, NY Center for Agricultural Medicine and Health, New York</i></p> <p>This session in Spanish will provide information on how to stay safe while working in greenhouses. Topics covered will include pesticide safety and the Worker Protection Standard (WPS), avoiding physical injuries, and use of personal protective equipment.</p> 			

# EDUCATIONAL SESSION GRID - THURSDAY


		<b>Pests/Diseases</b> Moderators: Tina Smith & Geoffrey Njue	<b>Greenhouse Automation</b> Moderators: Mandy Bayer & Scott Longfellow	<b>Growing Vegetables in the Greenhouse</b> Moderators: Neil Mattson & Cora McGehee
		<b>FEDERAL ROOM</b>	<b>COLONIAL ROOM</b>	<b>COTILLION ROOM</b>
SESSION 5   9:00 AM - 9:50 AM		<p><b>What's New and How Do We Stop It: Disease Management on Flowers and Herbs in the Greenhouse</b> <i>Margery Daughtrey, Cornell University</i></p> <p>It seems there are more downy mildews to deal with every time you turn around, and a different virus attacking your bedding plants every year. And we still haven't licked Pythium, Thielaviopsis, Botrytis or Xanthomonas. Learn to recognize the most important diseases of flower and herb crops, and how to best control them with IPM practices.</p> 	<p><b>Commonsense Greenhouse Mechanization: Lower Labor Input</b> <i>John Bartok, University of Connecticut</i></p> <p>With labor the greatest cost in producing plants, growers need to evaluate their methods to see where savings can be made. Efficient methods and low cost equipment can improve production and lower labor input. Learn some simple techniques and devices and take a look at some of the latest technology.</p>	<p><b>Yield Response to CO<sub>2</sub> Enrichment</b> <i>Tom Manning, Rutgers University</i></p> <p>Carbon dioxide (CO<sub>2</sub>) is essential for photosynthesis and crop growth. Crop response to elevated CO<sub>2</sub> depends on many factors, including species, stage of growth and light levels. Learn about responses of different crops, and considerations and recommendations for supplying and controlling CO<sub>2</sub> levels in greenhouses.</p>
	SESSION 6   10:30 AM - 11:20 AM	<p><b>Mealybug Management: How to Deal with this "Fuzzy-Sucking" Insect Pest</b> <i>Raymond Cloyd, Kansas State University</i></p> <p>Mealybugs are among the most difficult insect pests to deal with in greenhouse production systems. Learn about the biology, behavior, and damage associated with mealybugs, and the most effective management strategies to prevent outbreaks. Results will be shown from recent efficacy trials associated with evaluating insecticides against mealybugs.</p> 	<p><b>Sensor Based Irrigation for Height Control</b> <i>Mandy Bayer, University of Massachusetts</i></p> <p>Soil moisture sensor controlled automated irrigation can increase irrigation efficiency and reduce water use during plant production. The precise control possible with this technology provides the potential to control plant growth with deficit irrigation. Learn about the systems and their impacts on plant growth.</p>	<p><b>Yield Responses to Supplemental Lighting</b> <i>Celina Gómez, University of Florida</i></p> <p>Supplemental lighting (SL) technology is typically used to deliver moderate light to increase photosynthesis and growth of greenhouse crops. This review covers appropriate conditions for using SL, suitable light sources, important aspects of using SL, and current research on different types of SL for greenhouse-grown vegetables.</p>
SESSION 7   1:30 PM - 2:20 PM		<p><b>Pests/Diseases</b> Moderators: Tina Smith &amp; Cheryl Smith</p> <p><b>The Ins and Outs of Using Biopesticides to Manage Diseases of Greenhouse Flowers and Herbs</b> <i>Margery Daughtrey, Cornell University</i></p> <p>Can we fight fire with fire? Bacteria with bacteria? Fungi with fungi? Yes, we can! Learn about opportunities for biological control of some of the major diseases affecting floral and herbal crops. Increase your understanding of Trichoderma, Bacillus and Streptomyces, and learn what they can do for you.</p> 	<p><b>Greenhouse Engineering</b> Moderators: Rosa Raudales &amp; Juan Cabrera</p> <p><b>Energy Efficient Greenhouse Design</b> <i>Tom Manning, Rutgers University</i></p> <p>Energy represents a significant portion of greenhouse operating costs. Greenhouse designs can incorporate many different energy efficiency measures. Learn about available options and their applicability in different types of greenhouse operations and structures.</p>	<p><b>Hydroponic Vegetables</b> Moderators: Neil Mattson &amp; Kathy Murray</p> <p><b>Growing Basil Start to Finish</b> <i>Chris Currey, Iowa State University</i></p> <p>Basil is the most popular culinary herb grown hydroponically. Are you interested in beginning production or improving your current production? This session covers production from selecting cultivars and hydroponic production systems, to managing light, temperature, and nutrient solutions to maximize production.</p>

# EDUCATIONAL SESSION GRID - THURSDAY

		<b>Marketing</b> Moderators: Sue Adams & Angela Madeiras	<b>Greenhouse Engineering</b> Moderators: Rosa Raudales & Juan Cabrera	<b>Hydroponic Vegetables</b> Moderators: Neil Mattson & Kathy Murray
		<b>FEDERAL ROOM</b>	<b>COLONIAL ROOM</b>	<b>COTILLION ROOM</b>
<b>SESSION 8   2:30 PM - 3:20 PM</b>	<p><b>Social Media for Greenhouse Growers and Garden Centers</b> <i>Kathy Kelley, Penn State University</i></p> <p>As overwhelming as it might be, social media (Facebook, Twitter, Instagram, etc.) can be used by both retailers and wholesalers to reach customers. Learn about the various social networks, messages, posts, and images you can use to engage consumers.</p>	<p><b>Net Zero Energy Greenhouse: Growing with Zero Emissions</b> <i>Jeff Marstaller, Cozy Acres Greenhouses</i></p> <p>In 2014, after growing conventionally in double poly greenhouses for 15 years, Cozy Acres Greenhouses added a 3,000 sq ft Conley greenhouse which has its electricity produced from the sun and its heat from the earth, with emissions at zero. Learn about the facility, grant sourcing, tax credits and accelerated depreciation.</p>	<p><b>Managing Nutrient Solutions for Hydroponic Leafy Greens and Herbs</b> <i>Neil Mattson, Cornell University</i></p> <p>Hydroponic greens and herbs are produced in systems with recirculating nutrient solution. In order to maintain productive high-quality crops, it is important to know how to properly maintain your nutrient solution. Learn strategies for managing pH and EC, formulating nutrient solutions, and identifying common nutrient disorders.</p>	
	<p><b>Gardening with a Y</b> <i>Kelly Norris, Greater Des Moines Botanical Garden</i></p> <p>With all the discussion around the issue of Generation X and Y gardeners, some might wonder what the future holds for horticulture. Confounding the issue is a general lack of demographic data and inaccurate perceptions of young or beginning gardeners. Why not talk to a Gen Y horticulturist about the needs, wants and interests of new gardeners under 40?</p>			
<b>SESSION 9   3:30 PM - 4:20 PM</b>				



# EDUCATIONAL SESSION GRID - THURSDAY

Hands-On Workshops Moderator: Rosa Raudales		Perennials Moderators: Leonard Perry & Sarah Salatino		
DIRECTORS ROOM		SEMINAR ROOM		
SESSION 5   9:00 AM - 9:50 AM	<b>Monitoring the Greenhouse Environment</b> <i>Chris Currey, Iowa State University</i> Light and temperature have a great impact on greenhouse crop growth and development. Knowing how to effectively monitor your greenhouse environment can help you produce high-quality crops reliably. Learn about some tools that measure and monitor light and temperature.	<b>Proven New Perennials</b> <i>Sinclair Adam Jr., Pennsylvania State University</i> Which of the many new perennials on the market are good landscape and garden plants? See the best new performers in the region-- plants that have shown promise in trials at Penn State University's Flower Trials.		
	<b>Monitoring Growing Media: pH and EC</b> <i>Rosa Raudales and Juan Carlos Cabrera, University of Connecticut</i> Learn how to properly collect samples from plugs and larger containers, how to measure pH and EC of the growing media, and how to interpret the results to make decisions. Come ready to be an active participant!	<b>Trends From the Trenches</b> <i>Stephanie Cohen, Collegetown PA</i> The "Perennial Diva" returns to our conference to highlight the latest trends with perennials, and how to use these trends and particular plants in your marketing.		
SESSION 6   10:30 AM - 11:20 AM	<b>Hands-On Workshops</b> Moderators: Lisa Tewksbury & Heather Faubert		<b>Perennials</b> Moderators: Leonard Perry & Sarah Salatino	
	<b>How to Get the Most From Your Beneficial Insects</b> <i>Suzanne Wainwright-Evans, Buglady</i> Most greenhouse operations incorporate some form of biological control into their operations these days. Get tips and recommendations on how to get the most out of these beneficials so you are running the most efficient program possible.	<b>Plants with Style: A Plantsman's Choices for a Vibrant, 21st-Century Garden</b> <i>Kelly Norris, Greater Des Moines Botanical Garden</i> Gardeners need chic, sustainable, thriving plants for modern lifestyles. Join 20-something plantsman Kelly Norris for a spirited provocative call for a garden revolution: out with boring plants and in with stylish alternatives that captivate and enthrall. For every environment, structure and season, he shines a spotlight on A-list plants — plants that will thrive, not merely survive.		
SESSION 7   1:30 PM - 2:20 PM				

# EDUCATIONAL SESSION GRID - THURSDAY

Perennials	
Moderators: Leonard Perry & Sarah Salatino	
SEMINAR ROOM	
SESSION 8   2:30 PM - 3:20 PM	<p><b>Ornamental Grasses: Plants and Combinations That Sell</b>  <i>Stephanie Cohen, Collegeville PA</i></p> <p>Don't overlook ornamental grasses in your sales and marketing, as these multifunctional perennials are aesthetic, easy to grow, and provide habitat for wildlife. Learn from a plant pro which are best, and how to combine them effectively.</p>
	<p><b>Perennials for Pollinators: Choosing the Best, Using Them Effectively</b>  <i>Annie White, Nectar Landscape Consulting</i></p> <p>Pollinator-friendly landscaping is a trend in our industry. Learn about some of the top perennial picks for pleasing pollinators, and hear about creative and effective ways to use these plants in the landscape to help support a diversity of pollinators.</p>
SESSION 9   3:30 PM - 4:20 PM	



**Pesticide Recertification Credit has been approved for these sessions:**

## Wednesday, November 9

9:00 AM - 9:50 AM

### **Thrips Tips, Pot Drips, Mite Blips, and Neonic Hits: Management Matters from 2016**

NY: .75 credits (1a,3a,24); NE: 1 credit (26,29,31)

### **Understanding Plants: Why We Do What We Do in the Greenhouse**

NY: .75 credits (1a,3a,24); NE: not approved

10:30 AM - 11:20 AM

### **Alternatives to Neonicotids**

NY: .75 credits (1a,3a,24,25); NE: 1 credit (26,29,31)

### **Diagnosis: Disease, Abiotic Disorder or Normal? Know Enough to Know the Difference**

NY: .75 credits (1a,3a,24,25); NE: 1 credit (26,29,31)

1:30 PM - 2:20 PM

### **Advanced Biocontrol Panel - Double Session**

NY: .75 credits/hour (1a,3a,24,25); NE: 1 credit/hour (26,29,31)

### **Cutting Edge PGRs**

NY: .75 credits (1a,3a,24,25); NE: 1 credit (26,29,31)

### **Identifying the Good and the Bad Bugs**

NY: .75 credits (1a,3a,24,25); NE: 1 credit (26,29,31)

2:30 PM - 3:20 PM

### **Being a Plant Diagnostic Detective**

NY: .50 credits/hour (1a,3a,24,25); NE: 1 credit/hour (26,29,31)

### **Work Safely in the Greenhouse**

NY: .75 credits/hour (1a,3a,24); NE: 1 credit/hour (26,29,31)

## Thursday, November 10

9:00 AM - 9:50 AM

### **What's New and How Do We Stop It: Disease Management on Flowers and Herbs in the Greenhouse**

NY: .75 credits (1a,3a,24); NE: 1 credit (26,29)

10:30 AM - 11:20 AM

### **Mealybug Management: How to Deal with this "Fuzzy-Sucking" Insect Pest**

NY: .75 credits (1a,3a,24); NE: 1 credit (26,29,31)

1:30 PM - 2:20 PM

### **The Ins and Outs of Using Biopesticides to Manage Diseases of Greenhouse Flowers and Herbs**

NY: .75 credits (1a,3a,24); NE: 1 credit (26,29)

### **How to Get the Most From Your Beneficial Insects**

NY: .75 credits (1a,3a,24); NE: not approved

## MEET THE PRESENTERS

### **SINCLAIR ADAM JR.**

Penn. State University SEAREC, Manheim, PA  
email: saa19@psu.edu  
trialgardenspsu.com

*Sinclair has been a grower, plant breeder, university lecturer, and now manages one of the foremost and longest running field flower trials in the country. After receiving a B.S. from the University of Wyoming, and then an M.S. degree from the University of Vermont, both in Plant and Soil Science, Sinclair spent quite a few years both growing perennial liners commercially, breeding new perennials (15 plant patents including Shortwood garden phlox, several foamflowers, and several perennial chrysanthemums), and teaching many topics at Temple University. For several years now he has served as an Extension Educator with Penn State University, and is charge of the flower trials at the Southeast Agricultural Research and Education Center, evaluating over one thousand different annuals and several hundred perennials yearly for breeders and growers worldwide.*

### **SUE ADAMS**

Mark Adams Greenhouses, Poughkeepsie, NY  
email: sooadams@aol.com  
adamsfarms.com/departments/mark-adams-greenhouses

*Sue Adams is vice-president of Adams Greenhouses, a five acre operation in Poughkeepsie, NY. Their largest account is the family's four garden centers which they supply with over four million garden plants. Sue works closely with Adams' marketing department, creating special promotions, brochures and website information. She is an award-winning container designer, graduate of Cornell University, and board member of New York State Flower Industries and the New England Floriculture Board, of which she serves as president.*

### **BILL ARGO**

Blackmore Company, Belleville, MI  
email: bargo@blackmoreco.com  
www.blackmoreco.com

*William R. Argo received his undergraduate degree in chemistry from Indiana University and his graduate degrees in horticulture science from Michigan State University. Since 1996, Dr. Argo has worked for the Blackmore Company providing technical services on nutritional problems in plug and greenhouse production around North America. Dr. Argo has co-authored over 200 scientific and technical publications including the 1996, 2003, and 2004 winner of OFA's (American Hort) Alex Laurie award.*



## MEET THE PRESENTERS

### **JOHN BARTOK**

Brooklyn, CT  
email: jbartok@rcn.com

*John Bartok was a Cooperative Extension Agricultural Engineer providing technical support and educational programs to the greenhouse and nursery industry for over 35 years at the University of Connecticut in Storrs. He is the author of over 500 technical papers, bulletins, and magazine articles. He is also co-author with the late Robert Aldrich of the book "Greenhouse Engineering". He is author of the revised book "Energy Conservation for Commercial Greenhouses." John is currently a consultant on greenhouse and nursery design, energy conservation, environment control and mechanization to universities, schools, manufacturers, and commercial businesses. He is a Technical Service Provider for USDA-NRCS energy funding programs.*

### **MANDY BAYER**

University of Massachusetts, Amherst, MA  
email: abayer10@umass.edu

*After graduating from Penn State University, Mandy worked as a landscape designer and in garden centers before going to graduate school. Her Ph.D. research at the University of Georgia focused on improving irrigation and fertilization in container plant production, focusing on how plant growth is affected by substrate water content and fertilizer application rate. Her current research focus as an Extension Assistant Professor includes more sustainable production of container plants and best management practices for the landscape and nursery industries, with an emphasis on improving irrigation and fertilization practices. She is also interested in using irrigation as a tool for controlling plant growth and how plant growth can be manipulated via irrigation control.*

### **TERI BOARDMAN**

Volante Farms, Needham, MA  
email: teri@volantefarms.com  
volantefarms.com

*Teri Volante Boardman and her two brothers are fourth generation owners of Volante Farms in Needham, MA. In 2008 they opened their 14,000 sq ft glass retail greenhouse featuring a wide array of annuals, perennials, vegetable plants, small shrubs, and tropicals. Shortly after, they built a new farmstand which added a farm kitchen, deli, bakery and seasonal ice cream stand to the mix. Teri runs the retail farmstand which features their homegrown produce, local grocery items, and various seasonal offerings. The Volante family is thrilled to be celebrating the farm's 100th year in business in 2017.*

## MEET THE PRESENTERS

### **CARLOS E. BOGRÁN**

OHP Inc, College Station, TX

email: cbogran@ohp.com

www.ohp.com

*Dr. Bográn is Technical Manager, and leads the insecticide and fungicide research and development efforts at OHP Inc., having been involved in agricultural research and education for more than 20 years. Carlos is originally from Tegucigalpa, Honduras where he completed a degree in Agriculture in 1990 and a Bachelors of Science in Plant Protection in 1993. He completed an M.S. degree in Entomology at Iowa State University in 1996 and a PhD in Entomology at Texas A&M University in 2000. Between 2001 and 2012 he was assistant and then associate professor and extension specialist at Texas A&M AgriLife, Department of Entomology and Department of Plant Pathology & Microbiology, where he led an extension education and applied research program for the ornamental horticulture industry. Carlos currently serves as subject editor of the Journal of Integrated Pest Management (ESA) and Arthropod Management Tests (ESA) and consulting editor for plant health of HortTechnology (ASHS).*

### **JUAN CARLOS CABRERA**

University of Connecticut, Storrs, CT

email: Juan.cabrera@uconn.edu

*Juan Carlos Cabrera has a B.S. in Agriculture from Zamorano University. Currently he is a third year Ph.D. Student in Dr. Raudales' lab at the University of Connecticut. Juan Carlos worked in a soils lab in Honduras where he delivered nutrient recommendations to farmers. At UConn Juan Carlos conducts research on water quality to understand why emitters clog and provides training to greenhouse growers on monitoring water and growing media.*

### **RAYMOND CLOYD**

Kansas State University, Manhattan, KS

email: rcloyd@ksu

*Raymond is a Professor and Extension Specialist in Horticultural Entomology/Plant Protection, Department of Entomology, with an extension (70%) and research (30%) appointment. His research and extension program involves pest management in greenhouses, nurseries, landscapes, turfgrass, conservatories, interiorscapes, Christmas trees, and vegetables and fruits. Raymond is the extension specialist in horticultural entomology for the state of Kansas with a major clientele that includes homeowners, master gardeners, and professional and commercial operators. Raymond has published over 70 scientific refereed publications and over 600 trade journals on topics related to pest management/plant protection. In addition, he has authored or co-authored numerous books (Pests and Diseases of Herbaceous Perennials, IPM for Gardeners, Plant Protection: Managing Greenhouse Insect and Mite Pests, and Compendium of Rose Diseases and Pests), book chapters, manuals, PICT or picture-pocket guides, and extension-related publications. Raymond is a frequent speaker at state, national, and international conferences and seminars. Raymond has received numerous awards and honors including the American Society for Horticultural Sciences Outstanding Extension Educator Award 2012.*

## MEET THE PRESENTERS

### STEPHANIE COHEN

Collegeville, PA

email: PERPLANTS@aol.com

www.theperennialdiva.com

*Stephanie (aka The Perennial Diva or the Vertically Challenged Gardener) is an author, lecturer, educator, and consultant. She began with a B.A. degree in English, and teaching in junior high school, but went on to get a B.S. degree in horticulture. During her 21 subsequent years, teaching various horticulture subjects at Temple University, she went on to get her M.S. degree in ecological studies. While teaching, she received awards from the Philadelphia Horticulture Society, and the Perennial Plant Association. She was instrumental in establishing an arboretum at Temple, which she directed for the first five years. Later she continued teaching for five more years at the Barnes School of Horticulture. Stephanie has received many other awards, including ones from the American Nursery and Landscape Association, and Garden Writers of America (GWA). Stephanie has lectured in 35 states, and written many magazine articles. She has written 3 books, *The Perennial Gardener's Design Primer* and *Fallscaping*—both with Nancy Ondra, and the *Non-stop Garden* with Jennifer Benner. Her first book won the best book award from the GWA.*

### CHRIS CURREY

Iowa State University, Ames, IA

email: ccurrey@iastate.edu

www.hort.iastate.edu/directory/christopher-j-currey

*Christopher J. Currey is an Assistant Professor of Horticulture with an emphasis in greenhouse and controlled-environment crop production. His responsibilities include teaching, research, and Extension. He received a B.S. in Horticulture and M.S. in Applied Plant Science at the University of Minnesota and a Ph.D. in Horticulture from Purdue University. His research interests focus on understanding how environment (light, temperature) and culture (mineral nutrition, plant growth regulation) affect growth of culinary herbs and ornamental plants.*

### MARGERIE DAUGHTREY

Cornell University, Riverhead, NY

email: mld9@cornell.edu

cuaes.cals.cornell.edu/farms/lihrec

*Margery Daughtrey is a Senior Extension Associate with the Section of Plant Pathology and Plant-Microbe Biology of Cornell University, doing research and extension on managing diseases of ornamental plants. She has worked for Cornell at the Long Island Horticultural Research & Extension Center since 1978. She holds a B.S. degree in Biology from the College of William and Mary and an M.S. in Plant Pathology from the University of Massachusetts. Daughtrey lectures widely, and is coauthor of several books including *Diseases of Herbaceous Perennials* published by APS PRESS. She was named a Fellow of the American Phytopathological Society in 2012.*

## MEET THE PRESENTERS

### **DAN GILREIN**

Cornell University, Riverhead, NY  
email: dog1@cornell.edu  
cuaes.cals.cornell.edu/farms/lihrec

*Dan Gilrein is Extension Entomologist with Cornell Cooperative Extension of Suffolk County on Long Island, NY where he has worked with Long Island's commercial agriculture and professional landscape industries since 1987. He holds a Master's degree in Pest Management from Cornell University and his BS degree from SUNY College of Environmental Science and Forestry.*

### **CELINA GÓMEZ**

University of Florida, Gainesville, FL  
email: celinagomezv@gmail.com

*Born in San José, Costa Rica. Dr. Gómez earned a BS in Plant and Animal Production (Agriculture) with an emphasis in Horticulture from Zamorano University in Honduras. She completed an MS program in Horticulture at the University of Arkansas working with Dr. Jim Robbins on the evaluation of soil-less container substrates for nursery production. She then earned a PhD in Horticulture from Purdue University, working under the advice of Dr. Cary Mitchell. Her PhD work primarily focused on evaluating LED technologies to be used as supplemental lighting sources for greenhouse-vegetable production. Dr. Gómez recently joined the University of Florida as the Controlled Environment Horticulture specialist. Her work is primarily focused on solution-based technologies for optimizing horticulture production systems through the understanding of plant-environment interactions.*

### **KATHY KELLEY**

Penn State University, University Park, PA  
email: KathyKelley@psu.edu

*Kathy Kelley is a Professor of Horticultural Marketing and Business Management at The Pennsylvania State University. She teaches Retail Horticultural Business Management and Issues in Landscape Contracting. Her research interests include studying consumer attitudes and behaviors for various horticultural goods and services. She also has extension responsibilities that include developing business and marketing educational programs for horticultural crop producers and retailers.*

### **TOM MANNING**

Rutgers University, New Brunswick, NJ  
email: manning@aesop.rutgers.edu

*Tom Manning is a Project Engineer with the New Jersey Agricultural Experiment Station at Rutgers University. He received Bachelor and Masters degrees in Agricultural Engineering from Rutgers University. He has worked extensively on improving the energy performance of systems and structures by increasing efficiencies and incorporating new energy sources and innovative energy conversion technologies. His work has focused on the use of improved environmental*

## MEET THE PRESENTERS

controls and innovative energy conservation technologies to reduce energy needs in greenhouses and other structures. His projects have included work with solar heating systems, photovoltaics, waste heat utilization, combined heat and power and methane digestion. He is currently working on developing techniques for monitoring, understanding and improving energy use in greenhouses and other agricultural operations.

### **JEFF MARSTALLER**

Cozy Acres Greenhouses, No. Yarmouth, ME  
email: [greenhouse.ppc@yahoo.com](mailto:greenhouse.ppc@yahoo.com)  
[www.cozyacresgh.com](http://www.cozyacresgh.com)

*Jeff and Marianne Marsteller, the owners of Cozy Acres Greenhouses in North Yarmouth, Maine, have been wholesale growers of annuals, vegetables and herbs since the early 1990's. Over the years they built 7 connected double poly greenhouses covering 21,000 sq ft. In 2012 they entered a program through Maine's Department of Agriculture whereby a new greenhouse was built in which the electricity is from the sun, the heat from the earth and the emissions are at zero. This new greenhouse is certified for organic production through the Maine Organic Farmers and Gardeners Association and, along with conventional herbs and vegetable sets, they produce organically certified microgreens and harvested onions and ground cherries. Cozy Acres Greenhouses strives to provide all insect control via beneficial predators and parasites. With only a few small aphid outbreaks in the last year, this goal has been nearly achieved.*

### **NEIL MATTSON**

Cornell University, Ithaca, NY  
email: [nsm47@cornell.edu](mailto:nsm47@cornell.edu)  
[www.greenhouse.cornell.edu](http://www.greenhouse.cornell.edu)

*Since 2007, Neil Mattson has been at Cornell University where he is an Associate Professor and Greenhouse Extension Specialist in the School of Plant Science. He received his Ph.D. from the University of California, Davis in 2007; and Bachelors and Master's degrees from the University of Minnesota in 2000 and 2002, respectively. Neil serves the greenhouse industry by conducting applied research and outreach related to increasing greenhouse production efficiency while decreasing energy, water, and fertilizer consumption. Recent research areas include: use of granular slow release fertilizer in bedding plant and vegetable transplant production, greenhouse supplemental lighting for vegetable crops, finishing bedding plants in unheated high tunnels, and practices to enhance the retail shelf life of bedding plants. Neil is the co-director of Cornell's Controlled Environment Agriculture Group.*

### **ANNA MEYERHOFF**

Bassett Healthcare Network/NYCAMH, Cooperstown, NY  
email: [anna.meyerhoff@bassett.org](mailto:anna.meyerhoff@bassett.org)  
[www.nycamh.org](http://www.nycamh.org)

*Anna Meyerhoff is Farm Safety Coordinator for The New York Center for Agricultural Medicine & Health / Northeast Center for Occupational Safety and Health- Agriculture, Forestry and Fishing*

## MEET THE PRESENTERS

(NYCAMH/NEC) in Cooperstown, NY. She is responsible for coordination and oversight of a farm safety training grant providing education and outreach services across New York State. Anna develops and delivers farm safety and emergency response trainings in NY and the Northeast. She also provides respirator fit testing services to agricultural workers. Anna received a BA in Spanish from SUNY Geneseo, worked on her family's dairy farm, and has lived and studied abroad in Central America.

### **DUSTYN NELSON**

Kogut Nursery, Meridan, CT  
email: [info@kogutnursery.com](mailto:info@kogutnursery.com)  
[www.kogutnursery.com](http://www.kogutnursery.com)

*Dustyn Nelson is a young nursery professional currently working as the inventory manager at the family-owned wholesale nursery, and serving as a board member for the Connecticut Nursery and Landscaping Association. Formerly, he was employed as the business development coordinator at The Garden Barn Nursery, as well as the assistant manager at The University of Connecticut's flower and plant shop, UConn Blooms. During his time at each establishment, Dustyn developed locally-grown branding programs and marketing plans that utilized new ways to connect with the upcoming generation of consumers. He encourages companies to feel proud to be the most expensive. Dustyn's primary focus has always been to create a positive customer experience for every consumer, which led him to be selected as this year's NENA Young Nursery Professional of the Year for Connecticut.*

### **KELLY NORRIS**

Greater Des Moines Botanical Garden, Des Moines, IA  
email: [Knorris@dmbotanicalgarden.com](mailto:Knorris@dmbotanicalgarden.com)  
[kellydnorris.com](http://kellydnorris.com)

*Kelly D. Norris is a 20-something, award-winning author and plantsman from Iowa and the first director of horticulture at the Greater Des Moines Botanical Garden, a newly revitalized public garden in Des Moines, Iowa. Throughout his career, his work has been featured in The New York Times, Organic Gardening, Fine Gardening, The American Gardener, Martha Stewart Living, Country Gardens, Garden Design and in numerous local and regional media appearances. Kelly regularly contributes to industry trade publications, including Greenhouse Grower and Green Profit. He's popularly known for his book A Guide to Bearded Irises: Cultivating the Rainbow for Beginners and Enthusiasts from Timber Press, which won the 2013 American Horticultural Society Book Award. His most recent book—Plants with Style—debuted in December 2015. Kelly's career began at age 15 when he talked his parents into buying a nursery (Rainbow Iris Farm), and since then he's become one of the few gurus on marketing horticulture to emerging demographics.*

## MEET THE PRESENTERS

### **ROSA RAUDALES**

University of Connecticut, Storrs, CT

email: rosa.raudales@uconn.edu

www.greenhouse.uconn.edu

*Rosa Raudales is an Assistant Professor and Greenhouse Extension Specialist. Rosa's educational background is in agricultural sciences and production systems (Zamorano Agricultural University, Honduras), plant pathology (The Ohio State University), and horticulture and communications (University of Florida). Rosa puts her skills together to conduct research and education programs relating to the management of low-quality water for irrigation and biotic and abiotic factors that affect plant health of container-grown ornamentals and hydroponic vegetables.*

### **ALICIA RIHN**

University of Florida, Apopka, FL

email: arihn@ufl.edu

*Alicia Rihn received her Ph.D. in Applied Plant Sciences-Horticulture Marketing from the University of Minnesota and is currently a post-doctoral research associate at the University of Florida's Mid-Florida Research and Education Center in Apopka, FL. She conducts leading edge research on consumer behavior which combines innovative biometric measures (e.g., visual attention data) with proven economic methods to assess how consumers respond to and value in-store promotions and novel plant attributes. Her research interests include consumer behavior, sustainability, marketing, and horticultural products/services. Previously, she has conducted consumer behavior studies on ornamental plants, indoor foliage plants, cut flowers, fruits and food products.*

### **KATE SANTOS, KEYNOTE SPEAKER**

Dümmen Orange, Columbus, OH

email: K.Santos@DummenOrange.com

na.dummenorange.com

*Kate Santos, PhD, earned a bachelor of science degree in Plant Biology from the University of New Hampshire. Following undergraduate school she worked as a grower for Cavicchio's Greenhouse operation, where she was responsible for a variety of container grown annuals and perennials. Kate returned to graduate school and worked with Dr. Paul Fisher at the University of Florida, where she focused on quantification of nutrient uptake during propagation of unrooted cuttings. After earning her PhD she joined Costa Farms as the Director of Research and Development where she oversaw the trial garden and research teams at each of their facilities. Kate currently works for Dümmen Orange as the Operations Director where she has the opportunity to devise strategies to develop and bring new products to market.*



## MEET THE PRESENTERS

### **MARGARET SKINNER**

University of Vermont, Burlington, VT  
email: Margaret.Skinner@uvm.edu  
www.uvm.edu/~entlab/

*Margaret Skinner, Ph.D., is a Research Professor and Extension Entomologist at the University of Vermont, Entomology Research Laboratory, where she has worked for over 32 years, conducting research on management of a wide array of insect pests in forest, vegetables and greenhouse ornamentals. Her primary focus is development of cost-effective IPM strategies to combat aphids, whiteflies, western flower thrips and various exotic invasive forest pests. She coordinates a regional interdisciplinary greenhouse program to encourage grower adoption of IPM. Recognizing growers' need for added revenue from high value specialty crops, she and other UVM scientists recently initiated a study on the potential of growing saffron in unheated greenhouses in the Northeast.*

### **KIRSTEN SMITH MASKELL**

Smith's Acres, Niantic, CT  
email: kirsten.smithsacres@hotmail.com  
www.smithsacres.com

*Kirsten Smith Maskell has been a part of Smith's Acres since she was born. From picking strawberries, planting in the greenhouses, going to Farmer Markets with her parents, and now as a part of the managerial team at the garden center, there are not many jobs related to the business that she has not done and helped with as the business has grown and evolved. Kirsten now helps to supervise the garden center staff. As office manager, she handles most of the day to day bookkeeping tasks associated with running the farm and garden center. She pushed the company into the 21st century with the purchase of a POS system, and many other improvements to help keep the garden center fresh and relevant. Kirsten graduated from CANP program in 2006. She is the second generation in her family's business, and with her husband's help, will carry on the family business for decades to come.*

### **RON VALENTIN**

Bioline Agrosience Inc., Oxnard, CA  
email: rvalentin@biolineagrosiences.com  
www.biolineagrosiences.com

*Ronald Valentin was born in the heart of the greenhouse industry in the Netherlands. As a teenager, he was managing and producing the biological control agents for the family greenhouse operation. After finishing his education in crop protection management, biochemistry and vegetable production at State Secondary College of Agriculture in De Lier, The Netherlands, he embarked on a career in biological control in 1986. After working in biological control technical support in the Netherlands and several other European countries, he first came to Canada in 1996, and became a Canadian citizen in 2004. Over the years Ronald has worked with many growers to set up sustainable and effective pest management programs with a focus to use BCA's as a first line of defense. He also has trained and managed technical support teams in Europe, Canada and the USA.*



## MEET THE PRESENTERS

### **SUZANNE WAINWRIGHT-EVANS**

Buglady Consulting, Slatington, PA  
email: [info@BugladyConsulting.com](mailto:info@BugladyConsulting.com)  
[www.bugladyconsulting.com](http://www.bugladyconsulting.com)

*Suzanne Wainwright-Evans, a graduate of the University of Florida, has been in the horticulture industry for more than 25 years, focusing on biological control and using pesticides properly. She has worked throughout the United States and internationally consulting with greenhouses, nurseries, and gardens. She is the owner of Buglady Consulting, now in business 15 years.*

### **BRIAN WHIPKER**

North Carolina State University, Raleigh, NC  
email: [brian\\_whipker@ncsu.edu](mailto:brian_whipker@ncsu.edu)  
[www.e-gro.org](http://www.e-gro.org)

*Brian Whipker is a professor at North Carolina State University, specializing in floriculture production. He has an extension and research appointment, plus teaches a graduate level plant nutrition class. His research and extension interests include the areas of plant growth regulators, plant nutrition, and problem diagnostics.*

### **ANNIE WHITE**

Nectar Landscape Design and Consulting, Burlington, VT  
email: [annie.white@uvm.edu](mailto:annie.white@uvm.edu)  
[pollinatorgardens.org](http://pollinatorgardens.org)

*Annie White, PhD, is a horticultural researcher, ecological landscape designer, and the owner of Nectar Landscape Design & Consulting. Annie has an MS in Landscape Architecture, and recently received her PhD in Plant & Soil Science from the University of Vermont. Since 2011, Annie has been studying plant/pollinator interactions and is continually scouting for the best plants for pollinators.*



# EXHIBITOR DIRECTORY

## **ARYSTA LIFESCIENCE / Booth 60**

24 Shore Rd.  
Wayne, NJ 07470  
Contact: Lee Rogers  
Phone: 973-839-9768  
Email: lee.rogers@arysta.com  
**www.arystalifescience.com**  
*Fertilizers*

## **ASB GREENWORLD / Booth 71**

P.O. Box Q  
West Point, VA 23181  
Contact: Rich Knoener  
Phone: 413-357-8706  
Email: kandsassoc@comcast.net  
**www.asbgreenworld.com**  
*Grower Supplies, Retail Soils, Mulches*

## **AUTOMATED SYSTEMS / Booth 41**

422 Highland Ave, Suite 13  
Cheshire, CT 06410  
Contact: Patti Cullen  
Phone: 203-250-7226 x2  
Email: pattic@amtsystems.com  
**www.amtsystems.com**  
*Garden Centers, Grower Supplies,  
Greenhouses/ Nurseries*

## **BALL SEED /S.B. MACHINERIE**

Booth 15  
622 Town Rd.  
West Chicago, IL 60185  
Contact: Therese LaTelle  
Phone: 630-231-3600  
Email: tlatelle@ballhort.com;  
kstrayve@ballhort.com  
**www.ballhort.com**  
*Plant Materials, Greenhouse Equipment*

Wednesday Reception  
Sponsor

**Ball**

## **BAMBOO SUPPLY COMPANY / Booth 10**

P.O. Box 5433  
Lakeland, FL 33807  
Contact: Ron Reycraft  
Phone: 863-644-9087  
Email: ron@bamboosupply.net  
**www.bamboosupply.net**  
*Greenhouse Supplies, Grower Supplies,  
Plant Stakes and Trellises*

## **BASF / Booth 88**

600 N. Gay St.  
Mt Vernon, OH 43050  
Contact: Jeff Gabric  
Phone: 515-450-1359  
Email: jeff.gabric@basf.com  
**www.basf.com**  
*Greenhouse fungicides and insecticides*

## **BIOBEST USA INC / Booth 83**

28529 Goddard Rd, Suite 100  
Romulus, MI 48174  
Contact: Elwood Roberts  
Phone: 401-742-0978  
Email: elwood@biobest.com  
**www.biobest-usa.com**  
*Biological Control Agents, Pollination,  
Monitoring and Traps and Lures*

## **BIOSAFE SYSTEMS / Booth 44**

22 Meadow St.  
East Hartford, CT 06108  
Contact: Ashley Kathe  
Phone: 888-273-3088  
Email: akathe@biosafesystems.com  
**www.biosafesystems.com**  
*Sanitation, Bactericide/Fungicide, Algaecide*

*See list by booth number on page 44 and floor plan on inside back cover*

# EXHIBITOR DIRECTORY

## **BIOWORKS / Booth 93**

100 Rawson Rd., Suite 205

Victor, NY 14564

Contact: Jeffrey Luke

Phone: 800-877-9443

Email: [jlake@bioworksinc.com](mailto:jlake@bioworksinc.com)

[www.bioworksinc.com](http://www.bioworksinc.com)

*Insect Control, Disease Control, Plant Nutrition*

## **CHARTER OAK NURSERY SALES**

Booth 45

1 Ivy Cove

Avon, CT 06001

Contact: Jennifer Connolly

Phone: 508-868-6252

Email: [jtclplants@verizon.net](mailto:jtclplants@verizon.net)

[www.charteroaknurserysales.com](http://www.charteroaknurserysales.com)

*Bare Root Perennials, Plug Perennials,*

*Proven Winners*

## **CHESTNUT HILL MARKETING / Booth 89**

75 Hutchinson Rd.

Chichester, NH 03258

Contact: Stan Brehm

Phone: 603-798-4200

Email: [chmstan@comcast.net](mailto:chmstan@comcast.net)

[www.chestnuthillmarketing.com](http://www.chestnuthillmarketing.com)

*Grower Supplies, Soil Amendments,*

*Garden Center Products*

## **COAST OF MAINE ORGANIC PRODUCTS**

Booth 56

145 Newbury St.

Portland, ME 04101

Contact: Sue Lavallee

Phone: 800-345-9315

Email: [suelavallee@charter.net](mailto:suelavallee@charter.net)

[www.coastofmaine.com](http://www.coastofmaine.com)

*Organic Compost, Potting Soil and Fertilizers*

## **CO-EX CORP / Booth 4**

5 Alexander Dr.

Wallingford, CT 06492

Contact: Janice Pravorne

Phone: 203-679-0500

Email: [jpravorne@co-excorp.com](mailto:jpravorne@co-excorp.com)

[www.co-excorp.com](http://www.co-excorp.com)

*Sheet, Profiles*

## **COUNTRY FOLKS GROWER / Booth 74**

6113 State Hwy 5

Palatine Bridge, NY 13428

Contact: Dan Wren

Phone: 518-673-3237

Email: [dwren@leepub.com](mailto:dwren@leepub.com)

[www.cfgrower.com](http://www.cfgrower.com)

*Horticulture Publication, Greenhouses,*

*Garden Centers*

Media Sponsor

Country Folks  
**GROWER**

## **CREEK HILL NURSERY / Booths 48 & 49**

17 West Main St.

Leola, PA 17540

Contact: Joel DiBernardo

Phone: 717-556-0000

Email: [joel@creekhillnursery.com](mailto:joel@creekhillnursery.com)

[www.creekhillnursery.com](http://www.creekhillnursery.com)

*Perennial Starter Plants*

## **DS COLE GROWERS / Booth 84**

251 N. Village Rd

Loudon, NH 03307

Contact: Doug Cole

Phone: 603-783-9561

Email: [doug@dscolegrowers.com](mailto:doug@dscolegrowers.com)

[www.dscolegrowers.com](http://www.dscolegrowers.com)

*Young Plants, Potted Plants*

## EXHIBITOR DIRECTORY

### **EAST JORDAN PLASTICS, INC.** / Booth 2

6400 Hwy M32, P.O. Box 575

East Jordan, MI 49727

Contact: Stephen Dick

Phone: 717-586-1752

Email: [stephendick@ejplastics.com](mailto:stephendick@ejplastics.com)

**[www.eastjordanplastics.com](http://www.eastjordanplastics.com)**

*Shuttle Pots and Trays, Plug and Propagation Trays, Flats and Inserts*

### **EASTERN SHORE NURSERY OF VIRGINIA** / Booth 90

P.O. Box 400

Melfa, VA 23410

Contact: Robin Rinaca

Phone: 757-787-4732

Email: [rrinaca@esnursery.com](mailto:rrinaca@esnursery.com)

**[www.esnursery.com](http://www.esnursery.com)**

*Woody Nursery Stock*

### **EMERALD COAST GROWERS** / Booth 12

P.O. Box 10664

Lancaster, PA 17605

Contact: John Friel

Phone: 717-715-3433

Email: [john.friel@ecgrowers.com](mailto:john.friel@ecgrowers.com)

**[www.ecgrowers.com](http://www.ecgrowers.com)**

*Perennials, Ornamental Grass, Starter Plants*

### **FARM CREDIT EAST** / Booth 95

240 South Rd.

Enfield, CT 06082

Contact: Thomas Cosgrove

Phone: 860-741-4380

Email: [tom.cosgrove@farmcrediteast.com](mailto:tom.cosgrove@farmcrediteast.com)

**[www.farmcrediteast.com](http://www.farmcrediteast.com)**

*Loans, Leases, Financial Services*

### **FIBREDUST LLC** / Booth 23

34 Lazy Valley Rd.

Glastonbury, CT 06033

Contact: Andrew Pidgeon

Phone: 860-613-0077

Email: [andrewpidgeon@fiberdust.com](mailto:andrewpidgeon@fiberdust.com)

**[www.fiberdust.com](http://www.fiberdust.com)**

*Coir Growing Medium, Lawn Repair Tool, Vegetable Grow Kit*

### **FIVE ACRE FARM** / Booth 31

108 Hinsdale Rd.

Northfield, MA 01360

Contact: Cindy Drumgool

Phone: 413-498-2208

Email: [cindy@fafgrowers.com](mailto:cindy@fafgrowers.com)

**[www.fafgrowers.com](http://www.fafgrowers.com)**

*Plugs & Cuttings, Prefinished Plants, Finished Plants*

### **FRED C. GLOECKNER & CO.** / Booth 14

550 Mamaroneck Ave.

Harrison, NY 10528

Contact: David Toohey

Phone: 800-345-3787

Email: [dtoohey@FredGloeckner.com](mailto:dtoohey@FredGloeckner.com)

**[www.fredgloeckner.com](http://www.fredgloeckner.com)**

*Annual and Perennial Liners and Unrooted Cuttings, Seeds, Bulbs, and a Full Line of Grower Supplies*

### **GREEN ISLAND DISTRIBUTORS**

Booth 26

730 West Main St.

Riverhead, NY 11901

Contact: Thomas Germano

Phone: 631-727-4993

Email: [sales@greenislanddistributors.com](mailto:sales@greenislanddistributors.com)

**[www.greenislanddistributors.com](http://www.greenislanddistributors.com)**

*Grower Supplies*

# EXHIBITOR DIRECTORY

## **GREEN LEAF PLANTS / Booth 51**

2369 Old Philadelphia Pike  
Lancaster, PA 17602  
Contact: Julie Knauer  
Phone: 800-321-9573  
Email: julie.knauer@glplants.com  
**www.glplants.com**  
*Perennial Liners*

## **GRIFFIN GREENHOUSE SUPPLIES**

Booth 63  
1619 Main St.  
Tewksbury, MA 01876  
Contact: Danielle Muse  
Phone: 800-888-0054  
Email: dmuse@griffinmail.com  
**www.griffins.com**  
*Greenhouse Supplies, Plant Material, Retail Products*

Wednesday Reception  
Sponsor



## **GRIMES HORTICULTURE / Booth 73**

11335 Concord Hambden Rd.  
Concord, OH 44077  
Contact: Kathy Horn  
Phone: 800-241-7333  
Email: khorn@grimes-hort.com  
**www.grimes-hort.com**  
*Seed, Plant Materials, Grower Supplies*

## **GRO 'N SELL, INC / Booths 19 & 20**

320 Lower State Rd.  
Chalfont, PA 18914  
Contact: Kathryn Paige  
Phone: 215-822-1276  
Email: kathyp@gro-n-sell.com  
**www.gro-n-sell.com**  
*Greenhouse, Young Plants, Perennials*

## **GROWERS SUPPLY / Booth 54**

1395 John Fitch Blvd.  
South Windsor, CT 06074  
Contact: Kelley Roche  
Phone: 800-476-9715  
Email: kroche@growerssupply.com  
**www.growerssupply.com**  
*Hydroponic Systems, Greenhouses, High Tunnels, Gardening and Nursery Supplies*

## **HANNA INSTRUMENTS / Booth 72**

584 Park East Dr.  
Woonsocket, RI 02895  
Contact: Amelia Vozzella  
Phone: 800-426-6287  
Email: mktg@hannainst.com  
**www.hannainst.com**  
*Fertigation Systems, Controllers, Sanitation Solutions*

## **HARNOIS GREENHOUSES / Booth 24**

1044 Principale  
St-Thomas, Quebec J0K 3L0  
Contact: Robert Chave  
Phone: 450-756-1041  
Email: marketing@harnois.com  
**www.harnois.com/en**  
*Greenhouses and Equipment*

## **HARRELLS / Booth 75**

40 Brooklawn Rd.  
Wilbraham, MA 01095  
Contact: Craig Wall  
Phone: 413-388-8782  
Email: Cwall@harrells.com  
**www.Harrells.com**  
*Controlled Release and Soluble Fertilizers*

## **HELENA CHEMICAL CO. / Booths 69 & 70**

101 Elm St., P.O. Box 202  
Hatfield, MA 01038  
Contact: Kevin Authelet  
Phone: 401-499-2254  
Email: autheletk@helenachemical.com  
**www.helenaprofessional.com**  
*Greenhouse Chemicals, Pesticides, Fungicides, Fertilizers*

## **HENRY F MICHELL / Booths 25 & 40**

225 West Church Rd.  
King of Prussia, PA 19406  
Contact: Jen Butcher  
Phone: 800-422-4678  
Email: jbutcher@michells.com  
**www.michells.com**  
*Broker*

# EXHIBITOR DIRECTORY

## **HEVECO (HECOMIX) / Booth 46**

771 Principale  
St-Bonaventure, Quebec J0C 1C0  
Contact: Sonia Benoit  
Phone: 815-715-3359  
Email: Sonia.benoit@fafard.ca  
**www.hecomix.com**  
*Growing Media, Peat Moss*

## **INTERNATIONAL GREENHOUSE COMPANY / Booth 52**

70 Eastgate Dr.  
Danville, IL 61834-9361  
Contact: Debbie Remblence  
Phone: 217-443-0600  
Email: debbie@igcusa.com  
**www.greenhousemegastore.com**  
*Greenhouses, Grower Supplies, Horticulture  
Hardgood Supplies*

## **IPM LABORATORIES, INC. / Booth 11**

P.O. Box 300  
Locke, NY 13092  
Contact: Carol Glenister  
Phone: 315-497-2063  
Email: carolg@ipmlabs.com  
**www.ipmlabs.com**  
*Biological Pest Control*

## **J R PETERS, INC / Booth 94**

6656 Grant Way  
Allentown, PA 18106  
Contact: Bill McEvoy  
Phone: 866-522-5752  
Email: lshaub@jrpeters.com  
**www.jrpeters.com**  
*Grower Supplies, Home Gardening, Greenhouse  
Growers*

## **J.C. VAN DER SPEK GREENHOUSE SERVICES, LLC. / Booth 85**

200 Old Country Circle, Suite 118  
Windsor Locks, CT 06096  
Contact: Johannes Vanderspek  
Phone: 203-586-1087  
Email: hans@jcvanderspek.com  
**www.jcvanderspek.com**  
*Shade/Heat Retention Curtain Systems,  
Greenhouse Controls, Vent Drives*

## **JOLLY FARMER PRODUCTS / Booths 61 & 68**

56 Crabbe Rd.  
Northampton, New Brunswick E7N 1R6  
Contact: David Keeler  
Phone: 1-506-325-3850  
Email: dstairs@jollyfarmer.com  
**www.jollyfarmer.com**  
*Seedling Plugs, Rooted Cuttings, Poinsettia  
Cuttings Cyc liners*

## **JP BARTLETT CO, INC. / Booth 13**

578 Boston Post Rd.  
Sudbury, MA 01776  
Contact: Laura Abrams  
Phone: 978-438-8851  
Email: laura@bartlettgreenhouses.com  
**www.Bartlettgreenhouses.com**  
*Geraniums, Annuals, Mums*

## **JUNIPER FARMS / Booths 29 & 36**

300 Union Street  
Saint John, New Brunswick E2L 5B6  
Contact: Justin Walsh  
Phone: 506-648-3199  
Email: walsh.justin@jdirving.com  
**www.juniperfarms.com**  
*Soil Amendments, Mulches, Peat Moss*

# EXHIBITOR DIRECTORY

## **KING FARM, INC. / Booth 92**

15 Scales Lane  
Townsend, MA 01469  
Contact: Dana King  
Phone: 978-597-2866  
Email: kingfarminc@verizon.net  
**www.kingfarminc.com**  
*Hanging Baskets, Bulbs and Annual/Perennials*

## **KOPPERT BIOLOGICAL SYSTEMS**

Booth 39  
1502 Old US 23  
Howell, MI 48843  
Contact: Jeremy Webber  
Phone: 810-632-8750  
Email: kbsimarketing@koppert.com  
**www.koppert.com**  
*Biological Pest Control and Pollination Products*

## **KUBE PAK / Booth 42**

194 RT 526  
Allentown, NJ 08514  
Contact: Rob Swanekamp  
Phone: 609-259-3114  
Email: sales@kubepak.com  
**www.kubepak.com**  
*Vegetable, Annual, Mum and Strawberry Plugs,  
Finished Bedding Flats, Pots and Hanging Baskets,  
Mums and Poinsettias*

## **LAMBERT PEAT MOSS / Booth 55**

106, Lambert Peat Moss  
Riviere-Ouelle, Quebec G0L 2C0  
Contact: Helene Chenard  
Phone: 418-852-2885  
Email: helenec@lambertpeatmoss.com  
**www.lambertpeatmoss.com**  
*Greenhouses, Exportation, Grower Supplies*

## **LYNX ASSOCIATES / Booth 79**

24 Cayuga Ave.  
Oakland, NJ 07436  
Contact: Michael Kozak  
Phone: 201-405-0300  
Email: mkozak@optonline.net  
*Greenhouse Grower Mixes, Peat Moss, and Coir*

## **MESSERSMITH MANUFACTURING, INC.**

Booth 43  
2612 F Rd.  
Bark River, MI 49807  
Contact: Rick Kinsey  
Phone: 906-466-9010 x109  
Email: messersmith@burnchips.com  
**www.burnchips.com**  
*Biomass Heating Systems*

## **MICRO MACRO INTERNATIONAL**

Booth 3  
183 Paradise Blvd, Suite 108  
Athens, GA 30607  
Contact: Gretchen Bryson  
Phone: 706-548-4557  
Email: gmbryson@mmilabs.com  
**www.mmilabs.com**  
*Laboratory*

## **MYCORRHIZAL APPLICATIONS**

Booth 80  
710 NW E St.  
Grants Pass, OR 97526  
Contact: Graham Hetland  
Phone: 541-476-3985  
Email: graham.hetland@mycorrhizae.com  
**www.mycorrhizae.com**  
*Soil/Media Inoculants, Organic Fertilizers,  
Mycorrhizae*

## **NESEED / Booth 53**

3580 Main St., STE #10  
Hartford, CT 06120  
Contact: Ted Willard  
Phone: 860-724-1240  
Email: twillard@neseed.com  
**www.neseed.com**  
*Wholesale Organic and Standard Vegetable,  
Flower and Herb Seed*

# EXHIBITOR DIRECTORY

## **NEXUS CORPORATION** / Booth 81

22840 Ironwedge Dr.  
Boca Raton, FL 33433  
Contact: Linda Monasmith  
Email: LindaM@nexuscorp.com  
**www.nexuscorp.com**  
*Greenhouses, Benches, Greenhouse Accessories*

## **NORTHEAST NURSERY** / Booths 77 & 78

8 Dearborn Road  
Peabody, MA 01960  
Contact: Tom Spence  
Phone: 978-317-6016  
Email: tspence@northeastnursery.com  
**www.northeastnursery.com**  
*Greenhouse & Nursery Grower Supplies, Retail  
Garden Center Supplies*

## **OHP** / Booth 50

1222 Glenwood Drive  
Vineland, NJ 08361  
Contact: Donald Lovisone  
Phone: 856-457-1001  
Email: dlovisone@ohp.com  
**www.ohp.com**  
*Herbicides, Fungicides, Insecticides*

## **OLDCASTLE LAWN & GARDEN** / Booth 76

481 Springwater Rd., P.O. Box 527  
Poland Spring, ME 02474  
Contact: Kathy Perron  
Phone: 800-879-2275  
Email: kathy.perron@oldcastle.com  
**www.myoldcastle.com**  
*Pro Line Greenhouse Soils, Just Natural Potting  
Mix, Jolly Gardener Mulches*

## **P.E.X. INC.** / Booths 7 & 8

41 Franklin Street  
Quincy, MA 02169  
Contact: Jack Montanile  
Phone: 617-479-6362  
Email: jmontanile@pba-sit.com  
**www.pexplanters.com**  
*Planters, Containers, Grower Supplies*

## **PATPASCO VALLEY POTTERY**

**AND SALES** / Booth 34  
2700 Hollins Ferry Rd.  
Baltimore, MD 21230  
Contact: Brooke Witham  
Phone: 518-321-2120  
Email: gardens2@gmail.com  
**www.patval.com**

*Containers, Birdbaths, Plastic, Garden  
Decor/Interior planters, Exterior Planters*

## **PLASGRO** / Booth 9

31 General Warren Blvd.  
Malvern, PA 19355  
Contact: Igor Ishamis  
Phone: 215-778-4989  
Email: ishamis@advplasma.com  
**www.plasgro.com**  
*All Natural Plant Supplement*

## **PLEASANT VIEW GARDENS**

Booths 96 & 97  
7316 Pleasant St.  
Loudon, NH 03307  
Contact: Nathan Keil  
Phone: 603-435-1783  
Email: nathank@pwpvg.com  
**www.pwpvg.com**  
*Proven Winners Annuals, Perennials, Shrubs,  
Savor Edibles and Fragrants, Young Plant  
Liners and Garden Ready Plants*

## **RIMOL GREENHOUSE SYSTEMS** / Booth 5

40 Londonderry Turnpike  
Hooksett, NH 03106  
Contact: Bob Rimol  
Phone: 603-629-9004  
Email: Rrimol@rimol.com  
**www.rimolgreenhouses.com**  
*Greenhouse Structures, Shade Structures,  
Environmental Control Equipment*



# EXHIBITOR DIRECTORY

## **SECRET GARDEN HERB FARM / Booth 1**

417 Douglas Pike  
Smithfield, RI 02917  
Contact: Paul Paradis  
Phone: 401-232-0800  
Email: [peparadis@verizon.net](mailto:peparadis@verizon.net)  
[www.sgherbfarm.com](http://www.sgherbfarm.com)  
*Garden Statuary and Ornaments*

## **SMITHERS OASIS NA / Booth 59**

25 Mandy Lane  
Washingtonville, NY 10992  
Contact: Bill Lees  
Phone: 845-496-4996  
Email: [blees@smithersoasis.com](mailto:blees@smithersoasis.com)  
*Grower Supplies, Propagation Systems, Cleaners  
and Disinfectants*

## **SPECTRUM TECHNOLOGIES / Booth 38**

3600 Thayer Ct, Ste 200  
Aurora, IL 60504  
Contact: Bridget Graf  
Phone: 800-248-8873  
Email: [bgraf@specmeters.com](mailto:bgraf@specmeters.com)  
[www.specmeters.com](http://www.specmeters.com)  
*Weather Monitoring, pH Meters*

## **SPRING VALLEY GREENHOUSE, INC.**

Booth 22  
3242 Daansen Rd.  
Walworth, NY 14568  
Contact: James VanLaeken  
Phone: 315-597-9816  
Email: [sales@springvalleygreenhouse.com](mailto:sales@springvalleygreenhouse.com)  
[www.springvalleygreenhouse.com](http://www.springvalleygreenhouse.com)  
*Clematis Liners and Finished*

## **SUN GRO HORTICULTURE / Booths 32 & 33**

770 Silver St.  
Agawam, MA 01001  
Contact: Pamela Carter  
Phone: 413-523-0701  
Email: [pam.carter@sungro.com](mailto:pam.carter@sungro.com)  
[www.sungro.com](http://www.sungro.com)  
*Growing Media*

Allied Trade Sponsor

**sungro**  
HORTICULTURE

## **SUSTANE NATURAL FERTILIZER / Booth 91**

310 Holiday Ave.  
Cannon Falls, MN 55009  
Contact: Rich Hawkes  
Phone: 914-474-1198  
Email: [hawkesr@att.net](mailto:hawkesr@att.net)  
[www.sustane.com](http://www.sustane.com)  
*Organic Fertilizers, Biostimulants*

## **SYNGENTA / Booth 58**

209 New Jersey Ave.  
Hainesport, NJ 08036  
Contact: Michael Oleykowski  
Phone: 484-683-1886  
Email: [michael.oleykowski@syngenta.com](mailto:michael.oleykowski@syngenta.com)  
[www.syngentaprofessionalproducts.com](http://www.syngentaprofessionalproducts.com)  
*Fungicide, Herbicides and Insecticides*

## **TEXPAK, INC. / Booth 6**

130 New Hyde Park Rd.  
Franklin Square, NY 11010  
Contact: Steven Kunreuther  
Phone: 516-326-7720  
Email: [steve@texpak.com](mailto:steve@texpak.com)  
[www.texpak.com](http://www.texpak.com)  
*Grower Supplies - Tags, Labels, Tag and Label  
Printing Equipment, Custom Tags and Labels*

## **THE VERMONT MULCH COMPANY**

Booth 82  
1103 Vernon St.  
Brattleboro, VT 05301  
Contact: David O'Sullivan  
Phone: 802-490-4932  
Email: [Dosullivan@thevermontmulch.com](mailto:Dosullivan@thevermontmulch.com)  
[www.thevermontmulch.com](http://www.thevermontmulch.com)  
*Bagged Bark Mulch, Bulk Bark Mulch,  
Peat Moss, Soils*

# EXHIBITOR DIRECTORY

## **UNITED GREENHOUSE SYSTEMS, INC.**

Booth 21  
P.O. Box 249  
Edgerton, WI 53534  
Contact: Justin Bilhorn  
Phone: 800-433-6834  
Email: justin@unitedgreenhouse.com  
**www.unitedgreenhouse.com**  
*Greenhouse Structures, Greenhouse Systems*

## **UNIVAR ENVIRONMENTAL SCIENCES**

Booth 57  
400 Raritan Center Parkway  
Edison, NJ 08837  
Contact: Steve Keefer  
Phone: 215-316-6121  
Email: steve.keefe@univar.com  
**www.univares.com**  
*Grower Chemicals, Fertilizer, Safety Products*

## **VAUGHAN'S HORTICULTURE / Booth 37**

40 Shuman Blvd #175  
Naperville, IL 60563  
Contact: Sam McCarthy  
Phone: 207-232-0637  
Email: smccarthy@vaughans.com  
**www.vaughans.com**  
*Greenhouse, Plant Materials, Grower Supplies*

## **VERMONT COMPOST COMPANY**

Booth 87  
1996 Main St.  
Montpelier, VT 05602  
Contact: Jennifer Whitman  
Phone: 802-223-6049  
Email: jennifer@vermontcompost.com  
**www.vermontcompost.com**  
*Greenhouse Supplies, Potting Soils, Composts*

## **WEAVERLINE, LLC / Booth 86**

180 Bootjack Rd.  
Narvon, PA 17555  
Contact: Frank Weaver  
Phone: 717-445-6724  
Email: weaverlineinfo@gmail.com  
*Equipment*

## **WELLMASTER CARTS / Booths 27 & 28**

1494 Bell Mill Side Rd., P.O. Box 456  
Tillsonburg, Ontario N4G 4J1  
Contact: Pedro Friesen  
Phone: 519-688-0500  
Email: pfriesen@wellmaster.ca  
**www.wellmaster.ca**  
*Transportation & Retail Carts*



# NON-PROFIT DISPLAYS

## **BAYSTATE ORGANIC CERTIFIERS**

Don Persons  
Phone: 845-542-7300  
Email: [dpersons@baystateorganic.org](mailto:dpersons@baystateorganic.org)  
[www.baystateorganic.org](http://www.baystateorganic.org)

## **CONNECTICUT GREENHOUSE GROWERS ASSOCIATION**

Joseph Vaiuso  
Phone: 203-488-1430  
Email: [joec@vaiusofarms.com](mailto:joec@vaiusofarms.com)  
[www.ctgreenhousegrowers.org](http://www.ctgreenhousegrowers.org)

## **CORNELL UNIVERSITY**

Neil Mattson  
Phone: 607-255-0621  
Email: [neil.mattson@cornell.edu](mailto:neil.mattson@cornell.edu)  
[www.cornell.edu](http://www.cornell.edu)

## **GREEN WORKS VERMONT NURSERY & LANDSCAPE ASSOCIATION**

Kristina MacKulin  
Phone: 802-425-5117  
Email: [kristina@greenworksvermont.org](mailto:kristina@greenworksvermont.org)  
[www.greenworksvermont.org](http://www.greenworksvermont.org)

## **MAINE STATE FLORISTS' AND GROWERS' ASSOCIATION**

Scott Longfellow  
Phone: 207-622-5965  
Email: [slongfellow@longfellowsgreenhouses.com](mailto:slongfellow@longfellowsgreenhouses.com)  
[www.maineFloristsassociation.com](http://www.maineFloristsassociation.com)

## **MASSACHUSETTS FLOWER GROWERS ASSOCIATION**

Geoffrey Njue  
Phone: 508-295-2212 X 47  
Email: [gnjue@umext.umass.edu](mailto:gnjue@umext.umass.edu)  
[www.massflowergrowers.com](http://www.massflowergrowers.com)

## **NEW HAMPSHIRE PLANT GROWERS ASSOCIATION**

Jeffrey Meulenbroek  
Email: [jmeulenbroek@hotmail.com](mailto:jmeulenbroek@hotmail.com)  
[www.nhpga.org](http://www.nhpga.org)

## **NORTHEAST SARE**

Helen Husher  
Phone: 802-656-0471  
Email: [hhusher@uvm.edu](mailto:hhusher@uvm.edu)  
[www.nesare.org](http://www.nesare.org)

## **RHODE ISLAND GREENHOUSE GROWERS ASSOCIATION/ UNIVERSITY OF RHODE ISLAND COOPERATIVE EXTENSION**

Lisa Tewksbury  
Phone: 401-874-2750  
Email: [lisat@mail.uri.edu](mailto:lisat@mail.uri.edu)  
[web.uri.edu/biocontrol/](http://web.uri.edu/biocontrol/)

## **UNIVERSITY OF CONNECTICUT EXTENSION**

Leanne Pundt  
Phone: 860-626-6855  
Email: [leanne.pundt@uconn.edu](mailto:leanne.pundt@uconn.edu)  
[www.extension.uconn.edu](http://www.extension.uconn.edu)

## **UNIVERSITY OF MASSACHUSETTS EXTENSION**

Tina Smith  
Phone: 413-545-5306  
Email: [tsmith@umext.umass.edu](mailto:tsmith@umext.umass.edu)  
[www.extension.umass.edu/floriculture](http://www.extension.umass.edu/floriculture)

## **UNIVERSITY OF NEW HAMPSHIRE COOPERATIVE EXTENSION**

Ryan Dickson  
Phone: 603-862-2520  
Email: [Ryan.Dickson@unh.edu](mailto:Ryan.Dickson@unh.edu)  
[www.extension.unh.edu](http://www.extension.unh.edu)

## **USDA-NASS, NEW ENGLAND FIELD OFFICE**

Gary Keough  
Phone: 717-787-3904  
Email: [gary.keough@nass.usda.gov](mailto:gary.keough@nass.usda.gov)  
[www.nass.usda.gov](http://www.nass.usda.gov)

Soil • Compost • Peat Moss • Mulch • Professional Growing Mix



Premium Products for Better Gardens... Naturally.

### About Juniper Farms

We work hard to offer premium products at a great price. We're proud to produce it all right here at Juniper Farms. And we're proud to do it for you.

It really is The Good Stuff.

Proudly Distributed by:

Emery Waterhouse  
1 800-283-0236  
info@emerywaterhouse.com

HB Davis Seed Co.  
1 800-696-4544  
info@hbdavisseed.com

BFG Supply Co.  
1 800-883-0234  
info@bfgsupply.com

JOH  
978-633-9000  
info@johare.com

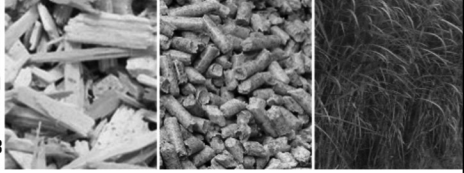


For inquiries, contact us: juniperfarms.com • Toll-free: +1 (800) 518-7999  
sales@juniperfarms.com • 137 Juniper Road, Juniper, NB E7L 1G8

# **CALUWE**

Biomass Heat & Power Solutions

Burlington-MA 781-308-8583



## **Imagine - Heating & Electric Power from Wood Chips!**

**CALUWE Provides Systems for Residential,  
Commercial and Industrial Applications**

**MassCEC wood chip boiler  
installation REBATE program  
50% of the installed cost, with  
a maximum of \$250,000**

**Wood Chip Heating for  
FARMS  
NURSERIES  
GREENHOUSES  
GARDEN CENTERS  
COMMERCIAL BUILDINGS**

**Wood Chip Heating is  
CLEAN  
LOCAL  
EFFICIENT  
RENEWABLE  
CARBON NEUTRAL**

**BIOMASS =  
NATURE'S SOLAR PANELS**

**Call CALUWE Today 781-308-8583  
or visit [www.woodchipboilersr.us](http://www.woodchipboilersr.us)**



# HECOMIX

## Experience the difference

**SEE US AT BOOTH #46**

The quality products produced by Heveco are available to growers under Heveco peat moss and Hecomix.

The use of Hecomix allows you to produce plants with a vigorous and well developed root system. This is why many of the largest and most demanding growers are using Hecomix as a key to their success.

**1 800 323.7638**  
**[www.hecomix.com](http://www.hecomix.com)**

# Booth 52

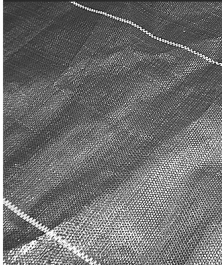
**Greenhouse  
Structures**



**Greenhouse  
Equipment**



**Landscape  
Fabric**



**Growing  
Supplies**



## **GreenhouseMegastore.com**

International Greenhouse Company • Illinois and California • **1-888-281-9337**

# MicroDAQ.com, LTD.

## Greenhouse Monitoring Solutions



MicroDAQ.com, Ltd. is the leader in temperature monitoring with over 15 years' experience. We offer everything from simple data loggers to complete remote monitoring solutions from over 30 manufacturers.

Some of the parameters we can monitor include:

- Temperature
- Humidity
- Solar Radiation
- Photosynthetic Light
- Rainfall
- Soil Moisture
- Leaf Wetness
- Wind Speed/Direction
- Air Velocity
- Barometric Pressure
- Air Quality
- Conductivity & Salinity
- Energy & Power
- pH
- Water Level
- Dissolved Oxygen

Contact us today to learn more about how **MicroDAQ.com, Ltd.** can assist you with all your greenhouse monitoring and data logger needs.

Mention this ad for special pricing

[www.microdaq.com](http://www.microdaq.com) 1-877-275-9606



## Professional Growing Mixes

for:

Greenhouses, Nurseries, Vegetable & Perennial Growers

## Quality...Consistently

*Custom growing mixes available in bulk, 2.8 cft bags or supersacks.*

Distributed by



Northeast Greenhouse  
& Nursery Supply

Peabody, Massachusetts  
Phone: 978.854.4414

[orders@northeastnursery.com](mailto:orders@northeastnursery.com)

Visit us at Booth #77 & #78

Manufactured by



Poland Spring, Maine  
Phone: 800.879.2275

[LGNorthorders@oldcastle.com](mailto:LGNorthorders@oldcastle.com)

Visit us at Booth #76

Distributed by



Riverhead, New York  
Phone: 631.727.4993

[sales@greenislanddistributors.com](mailto:sales@greenislanddistributors.com)

Visit us at Booth #26



Established in 1992, Green Island Distributors, Inc. is a family owned and operated business dedicated to serving the Tri-State Area's greenhouse and nursery growers. We strive to supply quality products and excellent service to our customers. We are strategically located on Long Island to provide the best horticultural products and services to the commercial greenhouse grower.



**HOURS**

Monday-Friday 8:00am-4:30pm  
Saturday 9:00am-12:00pm (January-June only)

730 West Main Street  
Riverhead, NY 11901  
(631) 727-4993

[sales@greenislanddistributors.com](mailto:sales@greenislanddistributors.com)

*Significant discounts  
to growers who buy early.*

## Fall Prebuy Program

September 21 – December 21, 2016

[vermontcompost.com](http://vermontcompost.com)

802-223-6049 | Montpelier, Vermont

**WE SPEAK ORGANIC**

# \$425,000

**Greenhouse 42,000 sq ft**  
**215A Chaplin Rd Eastford CT**  
**Land 9.2 Acres**



The facility, which is only ~40 miles away from Hartford, CT, Worcester, MA, and Providence, RI, can be used to supply those three major markets.



824 Main St Suite 3A  
Willimantic, CT 06226

**860-336-8000 860-456-7610**







## EXHIBITORS - ALPHABETICALLY

- Arysta LifeScience** / Booth 60  
**ASB Greenworld** / Booth 71  
**Automated Systems** / Booth 41  
**Ball Seed /S.B. Machinerie** / Booth 15  
**Bamboo Supply Company** / Booth 10  
**BASF** / Booth 88  
**Biobest USA Inc** / Booth 83  
**BioSafe Systems** / Booth 44  
**BioWorks** / Booth 93  
**Charter Oak Nursery Sales** / Booth 45  
**Chestnut Hill Marketing** / Booth 89  
**Coast of Maine Organic Products**  
Booth 56  
**CO-EX Corp** / Booth 4  
**Country Folks Grower** / Booth 74  
**Creek Hill Nursery** / Booths 48 & 49  
**DS Cole Growers** / Booth 84  
**East Jordan Plastics, Inc.** / Booth 2  
**Eastern Shore Nursery of Virginia**  
Booth 90  
**Emerald Coast Growers** / Booth 12  
**Farm Credit East** / Booth 95  
**FibreDust LLC** / Booth 23  
**Five Acre Farm** / Booth 31  
**Fred C. Gloeckner & Co.** / Booth 14  
**Green Island Distributors** / Booth 26  
**Green Leaf Plants** / Booth 51  
**Griffin Greenhouse Supplies** / Booth 63  
**Grimes Horticulture** / Booth 73  
**Gro 'n Sell, Inc** / Booths 19 & 20  
**Growers Supply** / Booth 54  
**Hanna Instruments** / Booth 72  
**Harnois Greenhouses** / Booth 24  
**Harrells** / Booth 75  
**Helena Chemical Co.** / Booths 69 & 70  
**Henry F Michell** / Booths 25 & 40  
**Heveco (Hecomix)** / Booth 46  
**International Greenhouse Company**  
Booth 52  
**IPM Laboratories, Inc.** / Booth 11  
**J R Peters, Inc** / Booth 94  
**J.C. Van Der Spek Greenhouse Services**  
Booth 85  
**Jolly Farmer Products** / Booths 61 & 68  
**JP Bartlett Co, Inc.** / Booth 13  
**Juniper Farms** / Booths 29 & 36  
**King Farm, Inc.** / Booth 92  
**Koppert Biological Systems** / Booth 39  
**Kube Pak** / Booth 42  
**Lambert Peat Moss** / Booth 55  
**Lynx Associates** / Booth 79  
**Messersmith Manufacturing, Inc.**  
Booth 43  
**Micro Macro International** / Booth 3  
**Mycorrhizal Applications** / Booth 80  
**NESEED** / Booth 53  
**Nexus Corporation** / Booth 81  
**Northeast Nursery** / Booths 77 & 78  
**OHP** / Booth 50  
**Oldcastle Lawn & Garden** / Booth 76  
**P.E.X. Inc.** / Booths 7 & 8  
**Patpasco Valley Pottery and Sales**  
Booth 34  
**PlasGro** / Booth 9  
**Pleasant View Gardens** / Booth 96 & 97  
**Rimol Greenhouse Systems** / Booth 5  
**Secret Garden Herb Farm** / Booth 1  
**Smithers Oasis NA** / Booth 59  
**Spectrum Technologies** / Booth 38  
**Spring Valley Greenhouse, Inc.** / Booth 22  
**Sun Gro Horticulture** / Booths 32 & 33  
**Sustane Natural Fertilizer** / Booth 91  
**Syngenta** / Booth 58  
**Texpak, Inc.** / Booth 6  
**The Vermont Mulch Company** / Booth 82  
**United Greenhouse Systems, Inc.**  
Booth 21  
**Univar Environmental Sciences** / Booth 57  
**Vaughan's Horticulture** / Booth 37  
**Vermont Compost Company** / Booth 87  
**Weaverline, LLC** / Booth 86  
**Wellmaster Carts** / Booths 27 & 28

## EXHIBITORS - BY BOOTH #

- 1: Secret Garden Herb Farm
- 2: East Jordan Plastics, Inc.
- 3: Micro Macro International
- 4: CO-EX Corp
- 5: Rimol Greenhouse Systems
- 6: Texpak, Inc.
- 7&8: P.E.X. Inc.
- 9: PlasGro
- 10: Bamboo Supply Company
- 11: IPM Laboratories, Inc.
- 12: Emerald Coast Growers
- 13: JP Bartlett Co, Inc.
- 14: Fred C. Gloeckner & Co.
- 15: Ball Seed /S.B. Machinerie
- 19&20: Gro 'n Sell, Inc
- 21: United Greenhouse Systems, Inc.
- 22: Spring Valley Greenhouse, Inc.
- 23: FibreDust LLC
- 24: Harnois Greenhouses
- 25&40: Henry F Michell
- 26: Green Island Distributors
- 27&28: Wellmaster Carts
- 29&36: Juniper Farms
- 31: Five Acre Farm
- 32&33: Sun Gro Horticulture
- 34: Patpasco Valley Pottery and Sales
- 37: Vaughan's Horticulture
- 38: Spectrum Technologies
- 39: Koppert Biological Systems
- 41: Automated Systems
- 42: Kube Pak
- 43: Messersmith Manufacturing, Inc.
- 44: BioSafe Systems
- 45: Charter Oak Nursery Sales
- 46: Heveco (Hecomix)
- 48&49: Creek Hill Nursery
- 50: OHP
- 51: Green Leaf Plants
- 52: International Greenhouse Company
- 53: NESEED
- 54: Growers Supply
- 55: Lambert Peat Moss
- 56: Coast of Maine Organic Products
- 57: Univar Environmental Sciences
- 58: Syngenta
- 59: Smithers Oasis NA
- 60: Arysta LifeScience
- 61&68: Jolly Farmer Products
- 63: Griffin Greenhouse Supplies
- 69&70: Helena Chemical Co.
- 71: ASB Greenworld
- 72: Hanna Instruments
- 73: Grimes Horticulture
- 74: Country Folks Grower
- 75: Harrells
- 76: Oldcastle Lawn & Garden
- 77&78: Northeast Nursery
- 79: Lynx Associates
- 80: Mycorrhizal Applications
- 81: Nexus Corporation
- 82: The Vermont Mulch Company
- 83: Biobest USA Inc
- 84: DS Cole Growers
- 85: J.C. Van Der Spek Greenhouse Services
- 86: Weaverline, LLC
- 87: Vermont Compost Company
- 88: BASF
- 89: Chestnut Hill Marketing
- 90: Eastern Shore Nursery of Virginia
- 91: Sustane Natural Fertilizer
- 92: King Farm, Inc.
- 93: BioWorks
- 94: J R Peters, Inc.
- 95: Farm Credit East
- 96&97: Pleasant View Gardens