

Greenhouse IPM Workshop



Stop Tooling Around With Your Pest Management Strategies

January 8, 2019 Manchester, ME

January 9, 2019 Durham, NH

January 10, 2019 Burlington, VT



Tri-state Greenhouse IPM Program

Feature Speaker: **Juang-Horng Chong**

Associate Professor & Extension Specialist –Turf & Ornamentals
Clemson University

PROGRAM

- 8:30 – 9:00 **Registration & Coffee**
- 9:00 – 9:15 **Welcome**
- 9:15 – 10:30 **What Are You Expecting From New Pesticide Chemistries?** Choosing, newer, lower impact chemicals that are compatible with biological control.
~ *Juang-Horng Chong, Clemson University*
- 10:30 – 10:45 **Coffee Break**
- 10:45 – 11:15 **Disease update: New threats, new 'tools' and old foes.** Learn about the newest threats, management products and review common pathogens affecting your plants.
~ *Cheryl Smith, UNH & Alicyn Smart, UMaine*
- 11:15 – 11:45 **Insect ID Tools to Increase Scouting Success** – Nifty gadgets to identify key pests & determine if your pest management program is working.
~ *Anna Wallingford, UNH*
- 11:45 – 12:30 **Lunch** (Time to chat with fellow growers and experts)
- 12:45 – 1:30 **Grower to Grower Session:** Grower discussions about pest & production issues & how to make IPM work.
- 1:30 – 1:55* **Hands on Demos – Which Plant Pathogen are You? *** A "personality quiz" to create awareness about common greenhouse plant pathogens.
~ *Alicyn Smart, UMaine & Cheryl Smith, UNH*
- 1:55 – 2:20* **Hands on Demos – Pests & Natural Enemies:** Test out gadgets to view pest & natural enemy specimens.
~ *Cheryl Sullivan & Margaret Skinner, UVM*
~ *Anna Wallingford, UNH*
- 2:20 – 2:45* **Hands on Demos – Nutrient Management Refresher:** Refine your best nutrient management practices and your skills on properly using and calibrating different meter used for soil testing to reduce pest outbreaks and diseases.
~ *Matthew Wallhead, UMaine*
- 2:45 – 3:30 **What's New for Greenhouse IPM in Our Region?**
~ *Several presenters from the ME Dept. of Agric., UMaine, UNH, UVM & more*

*concurrent sessions

Award Door Prizes & Up to 5 Pesticide Credits!

WELCOME!

The Tri-state Greenhouse IPM Program is a collaboration among growers and specialists from ME, NH and VT. This year's workshop's feature speaker will discuss pest management expectations using new pesticide chemistries and focus on the compatibility of these products with the biological control agents of two spotted spider mites, whiteflies thrips and aphids. Other topics include identification of insects and diseases, recognizing disease issues and identifying which pathogen is responsible, a nutrient management refresher and updates on current IPM issues and regional research activities. Hands on sessions include a nutrient management refresher, more of your favorite pest and natural enemy id gadgets, and strategies for pathogen id.

These workshops are for growers with greenhouses or high tunnels, extension specialists and professional pest managers. Growers of all experience levels and from any state are welcome and will learn something new.

Please share this brochure with your staff and colleagues!



LOOK WHAT YOU'LL GET OUT OF THIS WORKSHOP!

- ✓ Low impact chemical options **Compatible** with bio-controls.
- ✓ Using gadgets to increase success with Pests & Nat. Enemy ID.
- ✓ How to interpret **pH** and **EC**
- ✓ What other growers do for pest management.
- ✓ More of your favorite afternoon **Hands-On** exercises!

Workshops were planned with the tireless assistance of the Tri-state Greenhouse IPM Advisory Group & Other Cooperators

Margaret Skinner, Bruce L. Parker & Cheryl Frank Sullivan
Univ. of Vermont

Cheryl Smith, Anna Wallingford, & Anissa Poleatewich
Univ. of New Hampshire

Alicyn Smart & Matthew Wallhead
Univ. of Maine

Scott Longfellow
Longfellow's Greenhouses, ME

Jeff Huntington
Pleasant View Gardens, NH

Kathy Murray, Sarah Scally,
Carole Neil & Megan Patterson
ME Dept. of Ag., Cons. & For.

Chris Schlegel
D.S. Cole Growers, NH

Kathryn Vandermeer
NH Dept. of Ag., Mar. & Food

Jim Dill
Univ. of Maine Ext.

Anne MacMillan
VT Agency of Agriculture, Food & Markets

Support for the workshops is provided by:

Agdia, Inc.
Applied Bio-nomics
APS Press
Beneficial Insectary
Biobest Biol. Systems
Bioline AgroSciences
Longfellow's Greenhouses
OHP, Inc
Gardener's Supply
Griffin Greenhouse Supply

Persons from any state are welcome to attend any of the locations. All registrants will receive notification of their place in the workshop and a map with directions.

Individuals requesting a **disability-related accommodation** to participate should call Cheryl Sullivan: 802-656-5434 by **Dec. 28, 2018**.

Univ. of VT Extension and USDA cooperating offer education and employment to everyone without regard to race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or familial status

REGISTRATION INFORMATION

Please read carefully:

Where and When:

January 8 – Longfellow's Greenhouses,
Manchester, ME

January 9 – Univ. of NH, Durham, NH

January 10 – Gardener's Supply, Intervale,
Burlington, VT

Registration Fee: \$60 (includes hand lens, snacks, handouts & additional fees).

Bring your own lunch, or
Add **\$6** for a **PIZZA** lunch, drinks and dessert.

YOU MUST PRE-REGISTER ONLINE!

By Decemeber 28, 2018

Registration Link:

<https://www.regonline.com/tristateipm2019>

UNH Parking: You must purchase a permit (\$1.25/hr) from the kiosk at the visitor parking lot (across the road from workshop site) with a **credit card or coins** (no paper money). Details will be provided in the registration packet.

Sorry, NO refunds

Questions or problems with registration?

Call **Cheryl Frank Sullivan**

Univ. of VT, Entomology Research Laboratory
661 Spear Street, Burlington, VT 05405-0105

Tel: 802-656-5434

Email: cfrank@uvm.edu