

Greenhouse IPM Workshop



Cornerstones of IPM: Don't Let Your Walls Come Tumbling Down!

January 17, 2018 Manchester, ME
 January 18, 2018 Durham, NH
 January 19, 2018 Burlington, VT



Tri-state Greenhouse IPM
Program

Featuring: **Ronald Valentin**
 Technical Lead & Commercial Manager North America
 Bioline AgroSciences

PROGRAM

- 8:30 – 9:00 **Registration & Coffee**
- 9:00 – 9:15 **Welcome**
- 9:15 – 10:30 **Importance of Starting ‘Clean’ & Propagation for a Successful Bio-control Program:** Set yourself up for success when using bio-controls.
 ~ *Ronald Valentin, Bioline AgroSciences*
- 10:30 – 10:45 **Coffee Break**
- 10:45 – 11:15 **Know Your Enemy Before You Engage!** A case study where lack of control was due to improper id.
 ~ *Cheryl Smith & Anissa Poleatewich, UNH*
- 11:15 – 11:45 **Un-BEE lievable Pollinators:** Non-bee pollinators and strategies for bringing them in.
 ~ *Cheryl Frank Sullivan, UVM*
- 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 – Is your sanitation working?** * Petrifilms to test sanitation efficacy.
 ~ *Cheryl Smith & Anissa Poleatewich, UNH & Alicyn Smart, UMaine*
- 1:55 – 2:20* **Hands on Demos – Pests & Natural Enemies:** Commercially available & wild nat. enemies & associated pests.
 ~ *Cheryl Sullivan, Margaret Skinner, UVM & Ron Valentin & Greg Bryant, Bioline*
- 2:20 – 2:45* **Hands on Demos – Advanced Nutrient Management:** In-house soil testing, diagnosing & correcting nutritional problems. ~ *Ryan Dickson & Alden Perkins, UNH*
- 2:45 – 3:30 **What's New for Greenhouse IPM in Our Region?**
 ~ *Kathy Murray, ME Dept. of Agric. & Alicyn Smart, UMaine, Cheryl Smith & Anissa Poleatewich, UNH, Margaret Skinner, UVM & others*

*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 workshops offer sessions on foundational IPM components. Topics include 'starting clean to stay clean', a case study where lack of pathogen control was due to incorrect id, id of non-bee pollinators and how to bring them in using habitat plants, biocontrol-pesticide compatibility discussions, hands on sessions on advanced nutrient management, soil testing, and the links between pH and EC, pest and natural enemy id, and using Petri-films for monitoring if your sanitation methods are removing pathogens and updates on current IPM issues and regional research activities.

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!

- ✓ How to propagate a successful **Bio-Control Program**.
- ✓ How to **ID** Pests & Nat. Enemies.
- ✓ How **pH** and **EC** are related.
- ✓ How to **Evaluate** if your sanitation methods are working
- ✓ How **IPM WORKS** for other growers.
- ✓ 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

Alan Eaton, Cheryl Smith, Ryan Dickson & Anissa Poleatewich
Univ. of New Hampshire

Scott Longfellow Jeff Huntington
Longfellow's Greenhouses, ME Pleasant View Gardens, NH

Kathy Murray, Sarah Scally,
Carole Neil & Megan Patterson Chris Schlegel
ME Dept. of Ag., Cons. & For. D.S. Cole Growers, NH

Kathryn Vandermeer Jim Dill & Alicyn Smart
NH Dept. of Ag., Mar. & Food Univ. of Maine Ext.

Anne MacMillan & Tim Schmalz
VT Agency of Agriculture, Food & Markets

Support for the workshops is provided by:

Agdia, Inc.
Applied Bio-nomics
APS Press
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Biobest Biol. Systems
Bioline AgroSciences
Longfellow's Greenhouses
OHP, Inc
Gardener's Supply
Griffin Greenhouse Supply
IPM Laboratories, Inc.
Univ. of VT, UNH & UME Extension
VT, ME & NH Depts. of Agric.

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 **Jan 5, 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 17 – Longfellow's Greenhouses,
Manchester, ME

January 18 – Univ. of NH, Durham, NH

January 19 – 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 January 5, 2018

Registration Link:

<https://www.regonline.com/tristateipm2018>

UNH Parking: We do **NOT** give out parking permits for UNH any longer. 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**

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