

Greenhouse IPM Workshop



The Tri-State IPM Variety Show

- January 7, 2020 *Longfellow's Greenhouses, Manchester, ME*
 January 8, 2020 *Univ. of NH, Durham, NH*
 January 9, 2020 *Gardener's Supply, Burlington, VT*



Tri-state Greenhouse IPM Program

Feature Speaker: Brian Spencer

Biocontrol Specialist: Applied Bio-nomics, Victoria BC Canada

PROGRAM

- 8:30 – 9:00 **Registration & Coffee**
- 9:00 – 9:15 **Welcome** ~ Margaret Skinner, UVM
- 9:15 – 10:15 **“Round peg in a square hole” & “event horizon”**
 A two part discussion on the biology of select greenhouse biocontrols and how they fit in with the customer’s climate, plants, and expectations. Then, an exploration of proper timing and release strategies.
 ~ Brian Spencer, Applied Bio-nomics
- 10:15 – 10:30 **Coffee Break**
- 10:30 – 11:00 **What’s the Problem? “Group Therapy”** – Interactive group diagnosis of common and unusual pest problems.
 ~ Cheryl Smith, UNH & other presenters
- 11:00 – 11:30 **How long do I need to run these lights?** Learn how to calculate the amount of time lighting should run to provide your crop the light it needs.
 ~ Jonathan Ebba, UNH
- 11:30 – 12:00 **Lunch** (Time to chat with fellow growers and experts)
- 12:00 – 1:00 **Grower to Grower Session:** Grower discussions about pest & production issues & how to make IPM work.
 ~ with a presentation by Victoria Currier, Plant Production Specialist, Pleasant View Gardens, NH
- 1:00 – 1:55 **The right amount of spray in the right location:** This demo will show you how to determine how much spray to mix up for a given grower, sprayer and crop.
 ~ George Hamilton & Jonathan Ebba, UNH
- 1:55 – 2:20* **Hands on Demos – Pests & Natural Enemies:** * Determine how to assess the quality of your natural enemies for optimum pest management.
 ~ Brian Spencer, Applied Bio-nomics, Cheryl Frank Sullivan & Margaret Skinner, UVM
- 2:20 – 2:45* **Hands on Demos – Diseases:*** Hone your ImmunoStrip® pathogen testing skills.
 ~ Cheryl Smith UNH
- 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 will cover topics such as hemp, insects and diseases to be on the look out for and 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 program on greenhouse and high tunnel IPM is multi-faceted, with presentations on biological control, disease management and sprayer calibration. Our featured speaker is **Brian Spencer**, Biocontrol Specialist from Applied Bio-nomics, Victoria BC Canada, back by popular demand. His company is the only one worldwide producing FRESH natural enemies, which maximizes their effectiveness. He will talk about new beneficials that are commercially available and how to use them. Discussions on how to reduce disease problems and improve plant health and hands-on demonstrations will be provided on calibrating backpack sprayers, pathogen testing and quality control of natural enemies to ensure maximize effectiveness. The popular grower-to-grower session will give attendees an opportunity to share their successes and failures with IPM with a special presentation from Victoria Currier from Pleasant View Gardens on how they make IPM work for them!

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!

- ✓ Info on biology, quality control and use of biocontrols.
- ✓ Calculating the amount of light your crop needs.
- ✓ How a top plant producer uses IPM on a large scale.
- ✓ How to refine your pathogen testing methods.
- ✓ Sprayer calibration strategies.
- ✓ More of your favorite afternoon **Hands-On** exercises!

Workshops were planned with the tireless assistance Margaret Skinner, Cheryl Frank Sullivan & Bruce L. Parker from the Univ. of Vermont & the Tri-state Greenhouse IPM Advisory Group & Other Cooperators including Univ. of VT, UNH & UME Extension, VT & NH Depts. of Agric., ME Dept. of Ag., Cons. & For., National Inst. of Food & Agriculture & the USDA Extension IPM Program

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

Options:

\$60 and bring your own lunch.

~ OR ~

\$66 for a **PIZZA** lunch, drinks and dessert.

(both includes hand lens, snacks, handouts & additional fees)

Sorry, NO refunds

YOU MUST PRE-REGISTER ONLINE!

By December 28, 2019

When you visit the webpage link, please select the appropriate event (with or without the lunch) you wish to attend. You will need to create an account.

Registration Webpage Link

<https://www.uvm.edu/~entlab/Greenhouse%20IPM/Workshops/2020/IPMWorkshop2020.html>

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).

All registrants will receive notification of their place in the workshop and a map with directions via email within 2 weeks of the event.

Persons from any state are welcome to attend any of the locations. For questions or problems with registration or individuals requesting a disability-related accommodation to participate, please contact:

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