

Greenhouse Management and Production for 2017!

Wed. January 11, 2017, 9:30 AM – 3:30 PM

Publick House, Sturbridge, MA

9:00 – 9:30 Registration and coffee/tea

9:30 – 10:15 **Light, Temperature, and Relative Humidity in Greenhouses**

Dr. Ryan Dickson, University of New Hampshire

Review how light, temperature, and relative humidity affect plant growth in greenhouses. Discuss tips and technologies used to measure and control these factors in greenhouses.

10:15 – 10:25 **Break**

10:30 – 11:15 **Control Light, Temperature, and Relative Humidity for Top Plant Performance**

Dr. Ryan Dickson, University of New Hampshire

Fine-tune light, temperature, and relative humidity management strategies to get the most from your greenhouse environment. Topics will cover photoperiod, light quality, DIF, and vapor pressure deficit.

11:15 – 12:15 **Irrigating Greenhouse Crops**

Dr. Mandy Bayer, UMass Extension

Explore the fascinating impacts of plant and environmental factors on container plant water needs. This talk will help us to understand how growing media, container size and other factors influence the water needs of plants. Then we will cover tips to properly water plants manually and automatically, including when to water and how to water.

12:15 – 1:15 **Lunch on your own (see options*)**

1:15 – 2:15 **Greenhouse Plant Nutrition:**

Fertilizing Container Crops with Water Soluble and Controlled Release Fertilizers

Dr. Rosa Raudales, University of Connecticut

Rosa will take us to think beyond “General Purpose” to discover why every operation should design their own nutrition program. Rosa will provide the theory behind selecting fertilizers and also case studies. After this presentation you will know how to (1) interpret water quality analysis, (2) select fertilizers, and (3) identify and manage nutritional disorders.

2:15 – 3:30 **Alternatives to Neonicotinoids for Managing Pests in Greenhouses**

Grower to Grower Panel

1 pesticide credit requested

For more information contact:

- Tina Smith, Univ. of Mass, Amherst 413-545-5306, tsmith@umext.umass.edu
- Geoffrey Njue, Univ. of Mass, Waltham 413-992-8005 gnjue@umext.umass.edu

Registration Form
Greenhouse Management and Production for 2017
Registration Deadline – January 6, 2017

All Names _____

Firm _____

Address _____

Email address _____ Telephone _____

First Registration @ \$45.00 = \$ _____

_____ **No. Additional Registrations x \$40.00/person** = \$ _____

Total enclosed \$ _____

When one employee registers at full price, all other employees from the same company receive a reduced registration fee. Registration includes morning coffee & handouts

Make check payable to: University of Massachusetts

Send to: Greenhouse Management Program, Rm. 103 French Hall, University of Massachusetts, Amherst MA 01003

***Lunch options:**

Pre-purchase your lunch at time of check in (paid directly to the Publick House)

Lunch includes: Build your own sandwich buffet (roast beef, turkey, ham, vegetable), potato salad, chips, desert, drink

Or eat in the Publick House restaurant or fast food restaurants within a short drive.

Financial support provided by an endowment fund that supports the UMass Extension Greenhouse Crops and Floriculture Program. Learn more about "Give a Gift" to this endowment at: <http://aq.umass.edu/greenhouse-floriculture>

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