

Tuesday, February 16, 2016, 12:30 PM – 4:00 PM
Publick House, Sturbridge, MA

12:00 – 12:30 PM Registration

12:30 – 1:20 PM Taking Soil Samples & Media Testing Demonstration

Dr. Douglas Cox, UMass Extension

A soil test result is only as accurate as the sample being tested. Doug will review proper procedures for taking growing media samples. He will then demonstrate 1:2 and pour through methods for preparing samples for on-site media testing.

1:20 – 2:00 AM Learning to Identify Nutrient Disorders

Geoffrey Njue, UMass Extension

Geoffrey will provide information to help growers to correctly identify specific nutrient problems with key points that can help sort out problem symptoms of different nutrient elements.

2:00 – 2:10 Break

2:10 – 2:50 PM Sorting Through Different Types of Meters

Mike Tremel and Kathleen McDermott, Hanna Instruments

Meters with probes, pen style meters, EC, pH....which portable meter to choose? Mike and Kathleen will show different types of soil test meters for electrical conductivity (EC) and pH and talk about the pros and cons of the different styles. They will also talk about care of meters.

2:50 – 3:20 PM Interpreting Soil Test Results

Dr. Douglas Cox, UMass

Interpreting a soil test involves comparing the results of a test with the normal ranges of pH, soluble salts, and nutrient levels. Doug will walk us through “what the numbers mean” when using 1:2 or pour through methods of on-site soil testing.

3:20 – 4:00 PM Checking and Calibrating Meters – *Bring your meter to calibrate!*

Dr. Douglas Cox, UMass, Mike Tremel and Kathleen McDermott, Hanna Instruments

Bring your soil test meter to be calibrated for EC and/or pH. Doug, Mike and Kathleen will check your meters and provide individual advice. *Let us know the type of meter you plan to bring on the registration form.*

For more information contact:

- Tina Smith, Univ. of Mass, Amherst 413-545-5306, tsmith@umext.umass.edu
- Geoffrey Njue, UMass Waltham Center, 781-891-0650 ext. 12, gnjue@umext.umass.edu

Websites: <http://ag.umass.edu/greenhouse-floriculture>



Greenhouse Crops and Floriculture

Mail-in Registration Form
Plant Nutrition for Greenhouse Crops
Registration Deadline – February 12, 2016

All Names _____

Business Name _____

Address _____

Email address _____ Telephone _____

_____ No. Registrations x \$30.00/person = _____

Registration includes refreshments and handouts

Are you planning to bring a soil test meter for calibration?

If so, please write down the brand and type of meter.

Make check payable to: University of Massachusetts

Send to:

Plant Nutrition for Greenhouse Crops, Rm. 103 French Hall, University of Massachusetts, Amherst MA 01003

United States Department of Agriculture cooperating. An Equal Opportunity Employer and Program Provider