West Michigan Nursery Winter Conference

Tuesday, February 25, 2014
9:00 a.m. - 4:00 p.m. Ottawa County Fillmore Complex
(Main Conference Room)
12220 Fillmore St.
West Olive, MI 49460

- From the South: Take US-31 North to Fillmore. Turn right and travel approximately 4 miles on Fillmore. Complex is on right side of Fillmore.

- From the East: Take M-45 (Lake Michigan Drive) West to 120th Avenue, turn left and travel south to Fillmore. Turn right on Fillmore. Complex is on the left side of Fillmore. Enter driveway and follow signs to the Administration Building. Main Conference Room.

Registration Form

West Michigan Nursery Winter Conference
Registration DEADLINE: Thursday, February 20, 2014

Cost: $50.00 per person
includes all materials, breaks and lunch.

_____ Yes (I, We) Plan to attend

Participants: (please print):
1) ________________________________
2) ________________________________
3) ________________________________

Business Name & Address:
_______________________________
_______________________________

E:Mail: __________________________
Phone: __________________________

Please make check payable to:
Michigan State University

Mail To: Thomas Dudek
12220 Fillmore St., Suite 122
West Olive, MI 49460

If you have any questions, please contact (616) 994-4548

Bringing Knowledge to Life
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Persons with disabilities may request accommodations by calling the MSU Extension office two weeks prior to the event. Requests received after that will be met when possible.

Sponsored by:
Michigan State University Extension
Morning Agenda

8:30 a.m. Registration, Coffee & Rolls

9:00 a.m. “Historical and Projected Future Climate Trends in Michigan and the Great Lakes Region”
- Long term historical and recent climate trends
- Projected future climate trends
- Trends in climate variability and extremes

Dr. Jeffrey A. Andresen, State Climatologist for Michigan, Department of Geography, Michigan State University

10:00 a.m. “Urban Tree and Selection in a Changing Climate”
- Current climate projections for the Midwest
- Recent and future changes in hardiness zones
- Potential impact of climate change on landscape trees
- Effect of seed source on tree performance
- “Assisted Migration” and “Phenotypic Plasticity”: watch words for the future

Dr. Bert Cregg, Nursery Extension Specialist, Department of Horticulture, Michigan State University

11:00 a.m. “Diseases Noted in 2013”
- Oak wilt detections
- Can bacterial leaf scorch be an issue in the nursery?
- More on black root rot
- Managing virus diseases in the nursery
- Where is Phytophthora ramorum?

Dr. Jan Byrne, Plant Pathologist, Diagnostic Services, Michigan State University

LUNCH (included with your paid registration)

Afternoon Agenda

1:00 p.m. “Cover Crops Role in Mitigating Effects on Climate Variability”
- Pest control
- Soil water holding capacity
- Soil improvements

Christina Curell, Extension Educator, Cover Crops and Water Quality, MSU Extension

1:45 p.m. “Invasion of The Root Snatchers…are plant-parasitic nematodes going to become even more of a serious problem in Michigan’s plant nurseries?”
- Update on and current list of the nematode species that cause problems in nurseries in Michigan
- If winters get warmer, what species may be expected to successfully overwinter in Michigan
- Current management recommendations and how they may change if other species become established

Fred Warner, Nematologist, Diagnostic Services, Michigan State University

2:30 p.m. “RFID for Inventory Management and Decision Support”
- What is RFID
- Inventory management—The simplest use
- Decision support for management decisions, water, pesticides, fertility

Dr. Tom Fernandez, Nursery Extension Specialist, Department of Horticulture, Michigan State University

3:15 p.m. “How Does Climate Affect Our Nursery and Landscape Insect Pests?”
- A review of major pest problems, how much global warming affects them and how we manage them
- Some more southern pests that are creeping into Michigan
- How increased drought stress causes more problems, and how some pests will develop more rapidly and may even shift from one generation per year to two

Dr. David Smitley, Extension Specialist, Department of Entomology, Michigan State University

4:00 p.m. Adjourn

West Michigan Nursery
Winter Conference

Back by popular demand we have put together a day long program that meets the needs of area nursery growers. Topics this year have been identified by area growers and will be of benefit to you. “Climate change is and will be a part of our business as we move farther into the 21st century”. We have assembled leading experts from all aspects of plant production and pest management at MSU to update you and your key staff on timely topics as we move into the 2014 growing season.

RUP Credits have been requested, so be sure to bring your pesticide license.