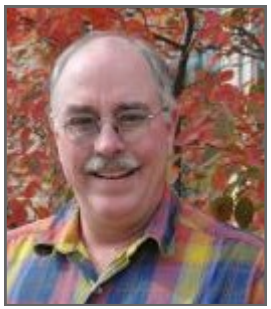
Our featured speakers

Dr. Rob Richardson's current appointment is as Aquatic and Non-Cropland Weed Scientist in the Department of Crop Science at North Carolina State University. He has both research and extension responsibilities. Dr. Richardson is familiar with Michigan's weeds and crop diversity. He was formerly a post doc in Dr. Bernie Zandstra's lab at Michigan State University. While in Michigan, he authored several IPM pocket guides for weed identification, including: An IPM Pocket Guide for Weed Identification in Nurseries and Landscapes, An IPM Pocket Guide for Weed Identification in Christmas Trees, and several years later collaborated on a weed identification guide for field crops.



John Stone is Coordinator of the MSU Pesticide Safety Education Program. John has been a pesticide applicator in the nursery and landscape industry since 1977. He joined the MSU Institute of Agricultural Technology in 2001 as an instructor for the Lawn and Landscape Management program in Grand Rapids, and began working with the Pesticide Safety Education Program in 2005. As Pesticide Safety Education Program coordinator, John works on developing and presenting training programs for new and experienced applicators; and the revision and rewriting of the pesticide applicator certification manuals.

Workshop locations:

<u>June 6, 2013</u>

Berrien County MSUE

1737 Hillandale Rd, Benton Harbor, MI 49022

Diane Brown rytlews1@anr.msu.edu

1-269-944-4126

<u>June 7, 2013</u>

Northwest Michigan Horticultural Research Center (NMHRC)

6686 S. Center Highway, Traverse City, MI 49684

Duke Elsner elsner@ anr.msu.edu

1-231-922-4822

4 RUP credits requested for this workshop

Workshop sponsors:

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P45 **Parallel 45 Vines and Wines**

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Persons with disabilities may request accommodations by calling the hosting MSU extension office by May 24 to ensure sufficient time to make arrangements. Requests made less than two weeks before the event will be met when possible.

WEED IDENTIFICATION AND MANAGEMENT FOR VINEYARDS

Dates and Locations:

Thursday June 6– Berrien County MSUE
1737 Hillandale Rd., Benton Harbor, MI 49022
Friday, June 7-- NMHRC
6686 S. Center Highway, Traverse City, Michigan 49684
11:30 am– 5:30 p.m.

Weed control is one of the most critical issues in vineyard establishment. Unless weeds are controlled, vine growth can be severely restricted, and vines may not survive the first season. Weed control remains an issue throughout the lifetime of the vineyard. Studies done in New York showed up to a 67% increase in yield for 'Concord' grapes with good weed control versus no weed control under the trellis.

In addition to competition for water and nutrients, weeds harbor insect pests, serve as hosts for viruses, and interfere with vineyard operations related to culture and harvest. Certain weeds, such as horsenettle produce berries that can taint harvested grapes.

Although numerous herbicides are available for use in vineyards, they aren't equally effective on all weeds. Application timing is important to get optimum results. This workshop will help you identify problem weeds and understand their lifecycles– the key to choosing effective management strategies– whether they are cultural or chemical.

Workshop program

11:30 Registration

11:45-12:00 Pre-workshop evaluation

12:00-12:45 Lunch

12:45-2:45 Weed identification

Dr. Rob Richardson, North Carolina State University

2:45– 3:00 Weed badger demo

3:00-3:30 pm Calibrating a herbicide sprayer

John Stone, Michigan State University

Break 3:30– 3:45

3:45-4:15 Cultural weed management practices

Dr. Rob Richardson, North Carolina State University

4:15-5:15 Herbicide selection for effective weed management

Dr. Rob Richardson, North Carolina State University

5:15-Post-workshop evaluation

5:30 adjourn

Check which location you plan to attend:

☐ **June 6 Workshop meeting location**
Berrien County MSUE 1737 Hillandale Rd. , Benton Harbor, MI 49022
Mail registration to: Berrien County MSUE, 1737 Hillandale Rd. Benton Harbor, MI 49022

☐ **June 7 Workshop meeting location**
NWMHC 6686 S. Center Highway, Traverse City, Michigan 49684
Mail registration to: Grand Traverse County MSUE, 520 W. Front St., Traverse City, MI 49684

Names:_____

_____

Address_____

City_____ State_____

Phone _____

Email: _____

Registration: $25.00/person by May 31, 2013 Includes lunch, refreshments and printed handouts.

MAKE CHECKS PAYABLE TO MICHIGAN STATE UNIVERSITY

4 RUP credits have been requested for this workshop