



2009 Michigan State University Tree Fruit Integrated Pest Management School

February 16-18, 2009
Kellogg Biological Station (KBS)
Sponsored by:
MSU Extension IPM Programs

We are looking forward to seeing you at the 2009 Tree Fruit IPM School. This year's program is designed to take an in-depth look at our most problematic reoccurring pests in Michigan orchards and their new and exciting control strategies. The school will explore current, innovative and critical techniques to manage the ever-changing complexes of tree fruit diseases and insects. We have gathered researchers and extension specialists from across the state and country to discuss pest management tactics with growers, consultants, scouts and chemical company field representatives in order to produce high quality fruit in Michigan.

This year we will dedicate a portion of the program to secondary pests of concern. With the phasing out of organophosphates in mind, we will also host a consultant/grower panel on new insecticides using TurningPoint Technology® to poll the group during the discussion. Dr. Keith Yoder will be in attendance and share his perspective on apple scab biology and management. We are also lucky to be hosting Mike Doerr, who will comment on cost effective codling moth strategies. Lastly, Dr. Michael Celetti will be in attendance to talk about black rot management in apples. We hope to see you at the 2009 MSU Tree Fruit IPM School.

We have applied for Michigan Department of Agriculture's pesticide applicator recertification credits and Certified Crop Consultant credits for the school. This year's recertification credits will be useful for all private applicators and 1C commercial applicators.

Program content for 2009

- ◆ **Streptomycin resistance:** Is resistance showing up in new regions?
- ◆ **Codling moth management:** An outside perspective on cost effective management of this important pest.
- ◆ **Insecticide rainfast characteristics:** A look at how long insecticides are sticking around in the orchard.
- ◆ **Borer survey and mating disruption update:** A closer look at these important pests.
- ◆ **American brown rot sensitivity:** Was the lack of control in 2008 caused by SI resistance?
- ◆ **Japanese beetle:** How will we control this destructive pest?
- ◆ **Name that canker:** Apple cankers and the role they play in orchard decline.
- ◆ **Apple scab:** Management strategies for this constant concern.
- ◆ **Fire blight:** A closer look at Cougar Blight, an alternate infection model.
- ◆ **Evening pub quiz:** Having fun the Irish way! Bring all your IPM knowledge to compete in the second annual IPM School Quiz. Team winners will don the title of QUIZ MASTER until future showdowns!

Lodging, meals and registration

Registration is \$375, which includes two nights lodging at KBS, all meals from lunch on Monday through breakfast on Wednesday, refreshments throughout the day, a notebook with all speaker handouts and speaker expenses.

All meals are served buffet style and dietary concerns need to be indicated on the registration form. Lodging is in shared quarters with two to four people per room; singles are not available.

Registration Form

Please register before January 5.

____ Registration \$375.00 / person
 ____ Total amount enclosed
 Make checks payable to Michigan State University

Name _____

Address _____

City _____

State _____ Zip Code _____

Telephone (____) _____

Dietary concerns: _____

Lodging registration

Please complete the following for your dormitory assignment.

Circle one: male female

If there is someone with whom you would like to room, please list the name(s) below. Be sure to indicate if this person is your spouse.

1. _____

2. _____

3. _____

4. _____

Send registration form and workshop fee to:

NW Michigan Hort Research Station
 6686 S. Center Highway
 Traverse City, Michigan 49684

For more information, call Erin Lizotte at 231-946-1510.

Course Coordinator

Erin Lizotte, District IFP/IPM Educator,
NWMHRS, (231) 946-1510

Guest Speakers:

Dr. Michael Celetti,
Plant Pathologist, Horticulture Crops Program
Lead Ontario Ministry of Agriculture,
Food and Rural Affairs

Mike Doerr
Tree Fruit Research and Extension Center
Washington State University

Dr. Keith Yoder
Department of Plant Pathology
Virginia Tech

MSU Speakers:

Dave Epstein
Department of Entomology

Dr. Larry Gut
Department of Entomology

Dr. Matt Grieshop
Department of Entomology

Pete McGhee
Department of Entomology

Renee Perrault
Department of Entomology

Dr. Tyre Proffer
Department of Biology
Kent State University

Dr. Nikki Rothwell
NW MI Horticultural Research Station

Dr. Bill Shane
SW MI Research and Extension Center

Dr. George Sundin
Department of Plant Pathology

Dr. Luis Texiera
Department of Entomology

Dr. Mark Whalon
Department of Entomology

Dr. John Wise
Department of Entomology and
Trevor Nichols Research Center

The
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Hickory Corners, Michigan



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