

We would like to know more about your current IPM practices.

1. In general, what is your overall approach toward pest management? (check only one)

- mainly chemical control based on calendar
- mainly chemical control based on plant stage
- mainly chemical control based on occasional scouting
- non-chemical and/or chemical control based on regular scouting and monitoring (non-chemical controls include cultural, mechanical, biological controls, etc.)
- other - please specify _____

2. Which of the following tools or techniques do you use in making insect management decisions? (check all that apply)

- pest history
- trapping (pheromones)
- scouting/monitoring
- degree-day predictive models
- none of the above

3. Which of the following do you do to manage codling moth? (check all that apply)

- apply broad spectrum insecticides (e.g. organophosphates, synthetic pyrethroids)
- apply narrow spectrum insecticides (e.g. insect growth regulators, spinosyns)
- apply certified organic insecticides (e.g. pyrethrin, rotenone, kaolin clay)
- use mating disruption (pheromone based)
- remove drops
- do not control codling moth because the population is *below* economic threshold
- do not control codling moth even though the population is *above* economic threshold
- other – please specify _____

CIAS Eco-Fruit Project

The UW-Madison Center for Integrated Agricultural Systems (CIAS) is working with Wisconsin fruit growers' associations, grower networks, IPM consultants, NRCS and UW researchers to develop a production approach that reduces grower reliance on high-risk pesticides, researches new approaches to pest management and develops educational opportunities to learn about IPM and sustainable farming.



Support for this workshop is provided by a grant from the US Environmental Protection Agency.



Effective use of pheromone traps and mating disruption

Meals and Lodging

Lunch will be provided.

Lodging arrangements must be made on your own. For lodging options in Trempealeau, see www.trempealeau.net; for Onalaska see www.discoveronalaska.com; and for Winona, Minnesota, see www.visitwinona.com.

a short course for IPM practitioners

A one-day, in-depth course with Larry Gut, Michigan State University and Matt Stasiak, Peninsular Ag Research Station, UW-Madison on effective use of these IPM tools

**Wednesday, June 22, 2011
Galesville, Wisconsin
9am – 3pm**



About the course

This new course about effective use of pheromone traps and mating disruption will:

- increase your knowledge of various monitoring lures and trap designs
- provide you with a foundation for effective use of pheromone-based controls for lepidopteran fruit pests
- show you how to optimize placement of pheromone traps

This unique, innovative program provides an intensive, one-day applied course including hands-on demonstrations in the field. It also provides an opportunity for you to learn about the current research being conducted on codling moth in Bayfield and Door Counties, Wisconsin and in Michigan.

Dr. Larry Gut is a tree fruit entomologist at Michigan State University with special research interests in mating disruption and other selective controls. Matt Stasiak is a fruit researcher and Assistant Superintendent at the UW-Madison Peninsular Agricultural Research Station.

Course objectives

Pheromone-based mating disruption (MD) has become an important component of fruit IPM programs. Excellent monitoring programs are required for successful implementation of IPM programs that rely on MD and other selective controls.

Course members will learn how to:

- place pheromone traps within the tree canopy
- position pheromone traps within the orchard
- use various mating disruption technologies

Course size is limited to 40 participants, which will allow for active discussions and interaction. The course is targeted to IPM practitioners, to enable them to maximize the effectiveness of their use of pheromone traps and mating disruption.

To learn more about the workshop, contact Regina Hirsch at the Center for Integrated Agricultural Systems, UW-Madison, 608-265-3637 or rmhirsch@wisc.edu.

Course Registration – limited to 40 participants

Name: _____

Farm/Business: _____

Address: _____

City: _____

State: _____

Zip: _____

Telephone: _____

Email: _____

Dietary preferences:

Vegetarian ___ Vegan ___ None ___ Other _____

Location: This workshop will be held at an orchard in the Galesville area. Directions will be sent to you after you enroll.

APPLICATION DEADLINE: June 1, 2011. Course is limited to 40 participants on a first come, first served basis. **No on-site registration permitted!**

_____ **Workshop fee: \$25** (includes lunch)

Make checks payable to the University of Wisconsin

Sorry, we cannot take credit cards

Registration and payment must be received prior to the workshop.

Please send registration form and payment to:

Center for Integrated Agricultural Systems
Attn: Pheromone/Mating Disruption Workshop
Ag Bulletin Bldg
1535 Observatory Drive
Madison, WI 53706

Registration questions? Call 608-265-3637 or 608-262-5200