



**UMass
Extension**

Cranberry Station Newsletter

MARCH 2011

UMASS CRANBERRY STATION
1 STATE BOG ROAD
P.O. BOX 569
EAST WAREHAM, MA 02538
<http://www.umass.edu/cranberry>

Pesticide Safety Training Elk's Lodge, East Wareham Tuesday - April 12, 2011 8 AM - 12 NOON

This meeting gives a current update on cranberry pesticide issues and focuses on pesticide safety. The cost is \$50.00.
FOUR contact hours will be offered towards pesticide re-certification.

RETURN REGISTRATION FORM ON PAGE 2

- 8:00 – 8:30 Pesticide Safety Review – Marty Sylvia, UMass Cranberry Station
- 8:30 – 9:00 Chemigation Configurations and Tailwater Recovery
- 9:00 – 9:20 MRL's, residues, and restrictions!! – Marty Sylvia, UMass Cranberry Station
- 9:20 – 9:40 Environmental Fate of Pesticides, Groundwater Protection, and Zone II Requirements – Hotze Wijnja, MDAR
- 9:40 – 10:00 Herbicides – Hilary Sandler, UMass Cranberry Station
- 10:00 – 10:20 Coffee Break
- 10:20 – 10:45 Proper Chemigation Technique
- 10:45 – 11:00 BMP Review – Carolyn DeMoranville, UMass Cranberry Station
- 11:00 – 11:30 Insecticides Update, Bee Toxicity and Management Decisions – Marty Sylvia
- 11:30 – 12:00 Disease Predictions – Frank Caruso, UMass Cranberry Station

**NEWS FROM THE CORNELL
SMALL FARMS PROGRAM**

New Beginning Farmer Website Unveiled

After a year of development, the Northeast Beginning Farmer Project is pleased to unveil a colorful new website with expanded tools and a wealth of new resources. Point your browser to <http://nebeginningfarmers.org> to find the enhanced site, which will extend high quality support to aspiring, new and diversifying farmers across the entire Northeast.

The new site features a growing selection of video footage capturing experienced farmers and their successful production techniques in action. You'll also find our popular library of video interviews with farmers sharing advice on profitability, choosing an enterprise, evaluating land, and much more.

Carolyn DeMoranville, Station Director

**2011 Pesticide Applicator License
Training Workshops**

**Held at the UMass Cranberry
Station Library**

**Sponsored by Pesticide Education,
Agriculture and Landscape Program**

April 12 & 13, 2011

**For more information and to
register contact:**

Natalia Clifton at 413-545-1044

**WORKER PROTECTION TRAININGS
Cranberry Station Library 2-4 PM**

Worker Protection Trainings for cranberry workers in the handler category will be offered in 2011: April 27, May 25, and June 29. There is a \$5 fee to cover the cost of the WPS training manual. If you have a pesticide license, you do not need this training.

Contact Martha Sylvia: 508-295-2212, ext. 20
to sign up or for additional information.

**Registration Form for Pesticide Safety Training
Elk's Lodge, East Wareham
Tuesday - April 12, 2011
8:00 AM - 12:00 PM**

Please register for the meeting using this form.

COMPANY _____

PHONE _____

NAMES OF ATTENDEES _____

Attach additional sheets as necessary.

**Return with payment by:
April 5, 2011**

Include check made out to: **UMASS**
In the amount of: **\$50 per person.**

Return to:
**UMass Cranberry Station
P.O. Box 569
East Wareham, MA 02538**

Yellow loosestrife

For those of you in attendance at the meeting at the Radisson in Plymouth in January, you heard me talk about diseased yellow loosestrife (often called mudweed) in four beds in 2010. We took samples of affected loosestrife plants from each bed and consistently cultured a fungus from the roots. The fungus, *Fusarium oxysporum*, is a well-renowned root pathogen of a wide range of annual and perennial plants. Symptoms of dieback began to occur in early July and were visible into early September, although at that time diseased plants are impossible to differentiate from those treated with Roundup. We are going to inoculate loosestrife seedlings and bare-rooted plants we obtain from a nursery this spring with the fungus and determine whether *Fusarium* is responsible for the dieback.

I am looking for two things in your cranberry beds during the 2011 growing season:

(1) Loosestrife plants that show the dieback symptoms. If you see this occurring (again, being careful to distinguish it from herbicide wipe injury), let me know because I'd like to sample the affected plants and see whether the same fungus is present and likely causing

the symptoms. I want to find out how widespread the loosestrife disease is in our Massachusetts beds.

(2) Stands of healthy loosestrife to use in field inoculations with the fungus, should we prove that it is, indeed, the cause of the dieback. We need healthy stands that lack the fungus. In doing these field inoculations, we'll possibly need to fit them in between fruit rot fungicide applications or pick a corner where a sprinkler head can be shut off to allow the fungus to grow and infect the plants.

Please contact me (508-295-2212, x18) at any point during the growing season.

FRANK L. CARUSO, PLANT PATHOLOGY

Pesticide License Exam Schedule

Location: Upper Cape Regional Technical School, Bourne, MA

**DATE: April 19, 2011
(register by April 12, 2011)**

**More exam dates available at Randolph,
visit the web site for more info at:
www.mass.gov/agr/pesticides**

**REGISTRATION FORM FOR CRANBERRY INSECT MANAGEMENT AND CRANBERRY POLLINATION
UMass Cranberry Station Library, East Wareham
Wednesday - May 4, 2011
8:00 AM - 4:00 PM**

Please register for the meeting using this form.

COMPANY _____

PHONE _____

NAMES OF ATTENDEES _____

**Return with payment by:
April 27, 2011**

**Include check made out to: UMASS
In the amount of: \$50 per person.**

**Return to:
UMass Cranberry Station
P.O. Box 569
East Wareham, MA 02538**

Attach additional sheets as necessary.

CRANBERRY INSECT MANAGEMENT AND CRANBERRY POLLINATION

Cranberry Station Library

May 4th, 8AM-4PM

\$50 includes: working lunch, Insect Management/Pollination notebook, and 4 contact hours

We offer a day-long opportunity to learn, or relearn, your insects, how to scout your own cranberry bog, and how you can be prepared to evaluate whether a healthy pollinator community is contributing to maximum yield. A complete review of insects and the most effective management with intensive review of the new insecticides as well as current pollination issues.

PRESENTERS INCLUDE: Anne Averill, Cranberry Entomologist, Martha Sylvia, Entomology Technician, Hilary Sandler, IPM Specialist

TOPICS COVERED WILL INCLUDE:

Cranberry Insect Management

Scouting for insects through the season

On-bog sweep experience

Management strategies

Focus on fireworm, weevil, Sparganothis and cranberry fruitworm

Other insect problems

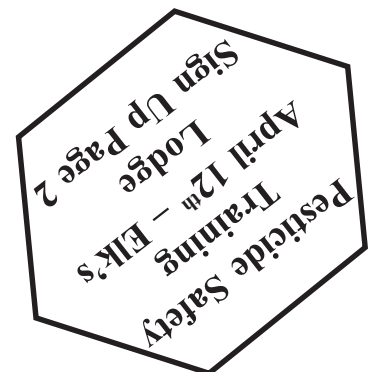
Insecticide review and integration of the new compounds

Is Pollination Adequate on the Bog?

Pollinator basics and management

Enhancing pollinator habitat

PLEASE RETURN REGISTRATION FORM ON PAGE 3! (by April 27th)



OFFICIAL BUSINESS

EAST WARREN, MA 02538

P.O. BOX 569

UNIVERSITY OF MASSACHUSETTS

UMASS EXTENSION