

CRANBERRY STATION NEWSLETTER

April 14, 2023 Vol. 24:4



UMass
Cranberry
Station

Research
& Extension



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East Wareham, MA 02538
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REMINDERUMASS CRANBERRY PESTICIDE SAFETY MEETING

The UMass Cranberry Pesticide Safety Meeting has been scheduled for **Tuesday, April 25, 2023, from 7:30 AM -12:00 PM**. This will be a hybrid meeting, you can choose to join via Zoom or in person at the Bogside Building, UMass Cranberry Station. In-person seating may fill up fast due to room capacity allowance. Registration fee is **\$50 per person**. If you would like to attend, please contact Robyn Hardy 508-970-7635 or rmhardy@umass.edu to register by 4/20/23.

TENTATIVE AGENDA

Tuesday April 25, 2023, 7:30 AM – 12:00 PM (4 credits)

7:30 Online and In Person Check-In Begins

8:00 WPS and Pesticide Safety Update – Marty Sylvia

8:20 FIFRA Special Labels – Hilary Sandler

8:45 Weevil Management in 2023 – Marty Sylvia

9:10 Groundwater Protection and Zone II – Hotze Wijnja

9:45 Frost Update – Peter Jeranyama

10:00 *COFFEE BREAK*****

10:20 Herbicides, and Weed Research Update – Katie Ghantous

10:40 Fungus, Fruit Rot, and the Keeping Quality Forecast – Leela Uppala

11:10 The Latest Insect Concerns (Blunt Nosed Leafhopper, Scale and Black Bug) – Anne Averill

11:35 Chemigation Myths and Revisiting Dye Tests – Gavin Bartlett, ADM

News from the Entomology Lab

By Anne Averill and Marty Sylvia



INSECT IDENTIFICATION CLINICS - WHAT IS IN THE SPRING SWEEP NET?

Main Focus: Blunt-Nosed Leafhopper and Cranberry Black Bug

We have scheduled 3 in-person clinics focusing on identifying potential problem insects on the bog. **All sessions meet from 7:30-9:30 AM in the Entomology Lab at the Cranberry Station and there is no charge.** You will earn 2 pesticide credits per clinic. **To attend or for more information** please contact Marty at 508-265-6921 or martys@umass.edu or Anne at averill@eco.umass.edu.

Tuesday, May 16, 2023, 7:30-9:30 AM

- Presentations, discussion, review plan of work in ID clinics

Tuesday, May 30, 2023, 7:30-9:30 AM

- **ID CLINIC** - Review insect identifications, bring in some frozen sweep samples for ID and microscope ID, study our sweep net specimens, review spray recommendations, coffee shop talk

Tuesday June 13, 2023, 7:30-9:30 AM

- **ID CLINIC** - Review insect identifications, bring in some frozen sweep samples for ID and microscope ID, study our sweep net specimens, review spray recommendations, coffee shop talk

WPS TRAINING FOR HANDLERS

Zoom trainings with certificate are being offered on **Wednesday, April 26, 2023**, and **Friday, May 12, 2023**, starting at 7:30 AM and will last about 1 hour. This training can be done with each person on a smartphone or computer, or in a group setting around a screen – but verification is needed for each person attending. **To attend a training** or for more information please contact **Marty** at 508-265-6921 or martys@umass.edu.

Preliminary Keeping Quality Forecast

By Peter Jeranyama and Leela Uppala

The forecast is for **FAIR** preliminary keeping quality.

As of April 1, there are 3 points out of a possible 10 that favor keeping quality for the 2023 Massachusetts cranberry crop. The 3 points were awarded for sunshine hours in February which was less than 143 hours (1 point) and favorable sunshine hours in March which were greater than 179 hours (2 points). The final keeping quality forecast (issued after June 1) could be upgraded if we have a cool and dry April and May. Based on the preliminary forecast, fruit rot fungicide applications and the rate of fungicides applied should not be reduced. As for the holding of late water, there are no definitive indicators pro or con.

Growers should determine whether to hold late water based on bed conditions. Please check the table below and the section on late water in the Chart Book for advice regarding the implementation of this cultural practice. If you have any questions, please contact Leela Uppala 508-970-7644 or suppala@umass.edu.



Late Water is Advised:

- Once in three years for 4 weeks from Mid-April to Mid-May.
- If your bog looks healthy and not showing any signs of stress.
- The flower buds are still red and tight.
- If your bed was properly flooded at the periods of coldest temperatures.
- If the scale and/or fruit rot incidences were high in 2022.
- If you have access to good quality water supplies.

Late Water is Not Advised:

- If you held late water in the past two years.
- If your bog produced a heavy crop in 2022.
- If the buds have broken dormancy.
- If the bed was sanded the previous year.
- If the bog is stressed and shows signs of winter injury.
- If your bog is severely out of grade.

Station News

By Hilary Sandler, Director

The Open House was held March 24th here at the Cranberry Station and was a big success. We had approximately 100 people come through and tour the new facilities. AD Makepeace generously donated food provided by Makepeace Farms. Decas Cranberry Products provided a diverse selection of sweetened dried cranberries and Ocean Spray provided juice and Craisins.

WE ARE HERE FOR YOU! If you were unable to make the Open House, please come by and see the new facilities!! You will find maps of the facility in the front lobby of the new building.



THE DIAGNOSTIC LAB is now located in Lab 109, upper level of the Lab Building. Please contact **Krystal DeMoranville** at 508-970-7631 prior to bringing in a sample, so we can properly process it for you.

SEASONAL HELP WANTED. We are looking to hire someone to help around the bogs and assist with facilities maintenance. We would like someone at least 2 days/week but can do as many as 5 days/week. Pay rate \$15-19/hr depending on experience. If interested or for more information, please contact Hilary 508-970-7641.

PICKUP TRUCKS NEEDED. If you have a pickup truck (big or small) that still has some life in it, consider selling it to us (or donations gratefully accepted!). Please contact Hilary (508-970-7641) if you have something we might be interested in.

BOGSIDE WORKSHOPS. The Cranberry Station has 2 upcoming bogside workshops: one via Zoom and one in-person. To participate, contact Robyn Hardy at 508-970-7635 or rmhardy@umass.edu.

- **Thursday, May 25, 2023, via Zoom 8:00-10:00 AM (1 credit)**
Nutrition and Fungicides and Weeds, Issues of the Day
 - **Thursday, June 22, 2023, in-person 8:00-10:00 AM (1 credit)**
Post-Herbicide Wipes and Fruit Rot and Nutrition, Issues of the Day
- Location:** State Bog, UMass Cranberry Station, 1 State Bog Road, East Wareham, MA

CRANBERRY IPM MESSAGE will start early to mid-May. We will send out an email to let you know it has begun. To get the weekly Cranberry IPM Message, please go to our website: <https://ag.umass.edu/cranberry> and the IPM Message link is on the right-hand side of the home page. **To listen please call: 508-258-9191.**

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IDENTIFICATION CLINICS

Preliminary Keeping Quality Forecast

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OFFICIAL BUSINESS