

CRANBERRY STATION NEWSLETTER

April 19, 2022 Vol. 23:3

New building rendition



UMass
Amherst



UMass
Cranberry
Station

Research
& Extension



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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 2022 Massachusetts cranberry crop.

The 3 points were awarded for sunshine hours in March which were greater than 179 hours (2 points) and the total precipitation for March is less than the average of East Wareham and Middleboro mean of 4.39 inches (1 point). 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 334-728-1025 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 signs of stress.
- If your bed was properly flooded at the periods of coldest temperatures.
- If the scale and/or fruit rot incidences were high in 2021.
- 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 2021.
- 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.

News from the IPM/Weed Lab

By Hilary Sandler and Katie Ghantous

CRANBERRY IPM MESSAGE

The Cranberry IPM Message will start during the first week of May. The phone message version will NOT be available due to the construction at the Station and our phone system being out of order. 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.

KERB USE FOR DODDER CONTROL

We have a **Section 18 Emergency Exemption** to use Kerb for dodder control. The permit is active from April 15 through June 30, 2022. Many handlers are restricting its use; contact your handler before applying. Copies of the label are available wherever you buy your product and on our web site at:

<https://ag.umass.edu/cranberry/services/special-pesticide-labels>.

You will need to report your use of Kerb to MDAR by November 30, 2022. Forms are available on our web site or where you buy your product. If you are in a Zone II and want to use Kerb, please contact Hilary at 413-800-6531 or hsandler@umass.edu.

*Dodder*

Station News

By Hilary Sandler, Director

STATION UPDATE

All of us at the UMass Cranberry Station team remain committed to serving you while our renovation and construction projects are on-going. The Admin Building is open during construction with a core group present every day. Scientists are also working from a temporary workspace, trailer on-site, between the tin building and the bog. If you do visit, please park outside of the fenced area. There could be active machinery driving around, so please be careful. The best way to reach us is through email or by cell phones. You can reach Hilary at 413-800-6531 or Robyn at 413-800-7470.

CONSTRUCTION AND RENOVATION UPDATE

The foundation of the new building has been poured and work has begun on the elevator shaft. Sheetrock is up in the basement shelled labs and our new hot water heaters have been delivered. On the outside, we have two new power poles and work is getting organized to upgrade our internet capacity.

BOGSIDE WORKSHOPS

We will be holding our bogside chats this summer and hope to hold them in person!! Pesticide contact hours will be offered. Keep an eye out in the future newsletters or on our website for announcements.

CHART BOOK UPDATE 2022

The 2022 update to the 2021-2023 Chart Book updates have been sent out by both email and snail mail. If you need a copy of the update or new 2021-23 Chart Book, contact Robyn at 413-800-7470 or rmhardy@umass.edu.



News Regarding Pesticide Credits

By Marty Sylvia

WPS TRAINING FOR HANDLERS

Anyone working on the cranberry bogs (bogs that have been treated within 30 days) who does not have a Massachusetts Pesticide Certification needs to have worker protection training each year. I am offering a few dates on ZOOM that your workers could attend to cover this requirement. This will be a handler training and will allow workers to help applying general use pesticide and apply Roundup (glyphosate) or spot treat with Intensity or Stinger. This training can be done with each person on a smartphone or computer, or in a group setting around a screen – but I need verification of each person attending. Paperwork will be completed that can cover EPA WPS requirements. Cost is **\$5 per person. To attend a training** or for more information please contact **Marty** at **508-265-6921** or martys@umass.edu. Training dates are **Friday April 29, 2022, 7:30-9:00 AM** and **Friday May 13, 2022, 7:30-9:00 AM**

UMASS CRANBERRY PESTICIDE SAFETY MEETING

The UMass Cranberry Pesticide Safety Meeting has been scheduled for **Tuesday, April 26, 2022, from 7:30-NOON** via Zoom. You will need to register online, and poll questions must be answered between 8:00 AM and 12:00 PM to be awarded pesticide credits. Payment will be processed separately- registration fee is **\$50 per person**, and you will earn 4 pesticide credits. **To attend, see page 5** for meeting payment form.

TENTATIVE AGENDA

Tuesday April 26, 2022, 7:30-NOON

- 7:30** Online Check-In Begins
- 7:40** Zoom Know How Review - Marty Sylvia
- 7:50** Station Update – Hilary Sandler
- 8:00** WPS and Pesticide Safety Update – Marty Sylvia
- 8:30** Insects of the Day – Anne Averill
- 9:00** Using Patterns and Herbicide Reminders – Hilary Sandler
- 9:30** Pesticide Restrictions and MRL's – Marty and Katie
- 10:00** ***STRETCH BREAK***
- 10:05** KQF and Frost – Peter Jeranyama
- 10:20** Pesticide Resistance and Modes of Action - Marty and Katie
- 10:45** Pathology Review – Leela Uppala
- 11:10** Herbicide and Weed Research Update – Katie Ghantous
- 11:35** Chemigation Review – Gavin Bartlett, ADM

Meeting Payment Form

TO ATTEND THE 2022 UMASS CRANBERRY PESTICIDE SAFETY MEETING:

Please complete the information below. Once your form and payment are received, a confirmation email will be sent to each person with a link to register online. **All** meeting attendees **MUST** pay to attend whether receiving credits or not. If you have any questions, contact Robyn Hardy at 413-800-7470 or rmhardy@umass.edu.

NAME: _____

COMPANY: _____

PHONE: _____ EMAIL(required): _____

ADDITIONAL ATTENDEES:

NAME: _____

PHONE: _____ EMAIL(required): _____

NAME: _____

PHONE: _____ EMAIL(required): _____

NAME: _____

PHONE: _____ EMAIL(required): _____

NAME: _____

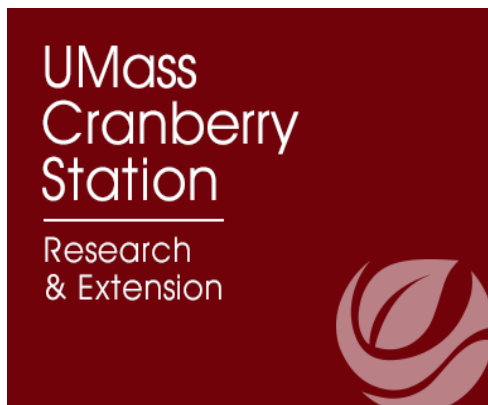
PHONE: _____ EMAIL(required): _____

PLEASE CHECK:

Tuesday, April 26, 2022 (\$50) _____ number attending

Please call Robyn Hardy (413-800-7470) by **4/25/22** to be added to the list. Make checks payable to **UMass** and return payment by to:

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