

Cranberry Crop Management Journal

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Dew Point

Lady Bug IPM, LLC
Jayne Sojka

We have had several discussions concerning dew points in the past year. I would like to remind everyone of an awesome service we have at our finger tips to assist us in this FROST FACTOR.

Check out <http://greatlakesweatherserv.com/forecast/text/cranberry%20wc.htm>

At this site you will find a regional forecast with low temps at the vine level but you will also discover influential components of that forecast to assist you in protecting your crop. The Dew point is listed with a time frame forecast. For example dew point at midnight will be 35. Pay attention to this forecast and check out your own individual marsh's temperatures ect.

Remember these tools are available to you so let's use them.

At Cranberry School you heard an informative presentation by Beth Workmaster on dew points and frost. Many of you requested a chart so that you could apply it to your own marsh.

Michigan State University Extension put out an article on "Using Sprinklers to protect Blueberries from Spring Freezes" by Mark Longstroth. In that two page article he has a chart that I will share with you now.

Blueberries and Cranberries are very similar so I feel confident that these bits of information will help us.

Starting temperature for over head sprinkler freeze protection based on the dew point of the air:

<u>Dew Point</u>	<u>Start irrigation</u>
26 F	34 F
25 to 24 F	35 F
25 to 22 F	36 F
21 to 20 F	37 F
19 to 17 F	38 F
16 to 15 F	39 F

It is a proven fact that years ago our Grandparents did NOT have the tools we have today so they took their hand and ran it across the vines when checking temperatures. When they found the vines dry they knew that they were in trouble. Let's use the OLD and the NEW technology hand in hand when we protect our crop. I am not asking you to go backwards but I am asking you to keep a HAND on your operation by simple "OLD" proven practices. More importantly, let's understand how influential Dew Point and Frost is.

Address Correction

If you have any address corrections, additions, or deletions, please let us know.

If you prefer to receive the CCMJ newsletter by e-mail, please call 715-421-8440 or e-mail:

mlippert@co.wood.wi.us

Thank you!

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Editor

Cranberries and other Wisconsin Fruit to be subject of our new website and newsletter

Janet van Zoeren, Christelle Guédot, and Amaya Atucha
University of Wisconsin – Madison, Departments of Entomology and Horticulture

We are very excited to announce that we recently launched an updated Wisconsin Fruit website, which you can find at <http://fruit.wisc.edu>! This site, with sections focusing on cranberries, berry crops, tree fruit, and grapes, provides a one-stop spot where commercial fruit growers and home gardeners can access links to the most recent management recommendations, pest alerts, and research findings from UW faculties, as well as viewing other newsletters and publications of interest. We hope our website will provide a counter-part to other Wisconsin cranberry information sources, in that resources and links relevant to all aspects of cranberry and other fruit production can be accessed in a single location on our website. In this way, it is meant to provide a first step toward finding the answer to any questions you might have about Wisconsin fruit production. In order to make the website more convenient for you to use, we're working on making it easily accessible through your mobile devices. Over the next couple of months, we will be making the website friendlier to view on smartphones and tablets.

Along with the Wisconsin Fruit website, we are also starting up the Wisconsin Fruit News, a newsletter on fruit production, with the first issue to come out on April 18th. The Wisconsin Fruit News will be issued every other week during the summer, and will contain scouting reports, plant development reports, pest and disease management research updates, and other information pertaining to Wisconsin fruit production. Each issue will be divided into six sections: General Information, Berry Crops, Cranberries, Grapes, Tree Fruits, and an Upcoming Events Calendar. If you would like a pdf of the newsletter to be delivered directly to your email inbox every other week, you can subscribe on our website! Simply go to <http://fruit.wisc.edu>, scroll down, and enter your email address on the right hand bar where it says "Get Updates". In addition, you are now able to link the Wisconsin Fruit updates and newsletters to the IPM Toolkit application, which was created through the University of Wisconsin's Integrated Pest and Crop Management program (<http://ipcm.wisc.edu/apps/ipmtoolkit/>). Simply download the app, then enter our RSS newsfeed URL (<http://fruit.wisc.edu/feed>), and you will be able to immediately see our most recent posts and access the newsletters on your phone.

Happy reading and think Spring!

Early Season Grower Workshops

Scheduled for April 28

The WSCGA and UWEX are teaming up again this spring to sponsor two early season grower workshops. These events have been held each spring to update growers on new management practices and strategies for the growing season, review of winter impacts on crop, new crop production tools available and informal discussions on the 2016 growing season.

The Education Committee identified the agenda to include:

- Bravo restrictions on 2015 Crop and possible replacements
- Use of Unmanned Aerial Vehicles in cranberry growing - *Brian Luck*
- Virus work update
- Observations from Field with crop consultants
- New (and old) tools for crop production - *Jack Perry*
- Pollination in 2016
- Cold hardiness and Root Physiology discussion - *Amaya Atucha and Beth Workmaster*
- General Discussion

The workshops will be held **April 28**

9:30 - 11:30 a.m. VALLEY CORPORATION

7857 State Highway 173

Tomah, WI 54660

1:30 - 3:30 p.m. ELM LAKE CRANBERRY

5865 Elm Lake Lane

Wisconsin Rapids, WI 54495

Since the workshops will be held on the marshes, growers are encouraged to bring a chair along.

Grower Updates

Grower Update Adams 73 Cranberry

I have been asked to write a Cranberry Growers Update for the Central Wisconsin Region, so here we go... My name is Jeff Hopkins and I am the manager of Adams 73 Cranberry located 6 miles west of Plainfield. Adams 73 is a 260 acre operation with 4 fulltime employees. We have four varieties of cranberry at Adams 73 which consist of Stevens, G1's, Lemunyon's, and Mullica Queen.

Currently at Adams 73 we are working on getting our irrigation systems running for the upcoming growing season. Despite Mother Nature's best effort to derail this process, we are making progress and plan to have everything fully functional within a couple of days. As I continue to write updates throughout the growing season, much of it will revolve around my love/hate relationship with mother nature.

Jeff Hopkins

Adams 73 Cranberry

Grower Update Habelman Bros. Tunnel City

The property is approximately 50 acres with Stevens and Grygleskis varieties. The marsh has been here since the late 1800's. Habelman's purchased the marsh in 1907. A major renovation was started in the mid 1980's.

The winter ice came off in early March. The frost came out of the ground in the middle of March and the pipe was laid shortly after.

We have been using growing degree days since 2008. We are trying to gather enough data to predict a date to start protecting. We also use it for predicting different stages of insect development to aid in applying insecticides. The growing degrees days started accumulating early due to the early spring. Now the growing degree days have slowed down this week with the colder weather. We are ready for warm weather to get the season started.

Steve Schoonover

Team Habelman

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Last year the response was very favorable for including a seasonal grower update, thank you David Bartling for being the trailblazer for the Journal! This year we will have the East and West of cranberry country covered with two new correspondents: Jeff Hopkins of Adams 73 marsh, Bancroft and Steve Schoonover of Tunnel City Cranberry near Tomah. Looking for a good growing season for all of you.

Matt Lippert, Editor

References to products in this publication are for your convenience and are not an endorsement of one product over similar products. You are responsible for using pesticides according to the manufacturer's current label directions. Follow directions exactly to protect the environment and people from pesticide exposure. Failure to do so violates the law.

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