

CRANBERRY CROP MANAGEMENT JOURNAL

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WE WANT TO HEAR FROM YOU!

You are invited to participate in this brief survey on "Exploring grower strategies for cranberry vine cutting handling and management practices across North America".

ACCESS
SURVEY HERE



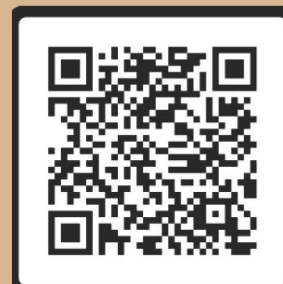
This survey should take 10 minutes of your time approximately to complete.



This survey is intended for cranberry growers in the US and Canada.



Your input will be used for a research project conducted by the Fruit Crops Pathology Lab, UW-Madison.



SCAN ME

[TINYURL.COM/CRANSURVEY](https://tinyurl.com/cransurvey)

Soil and Tissue Sampling Window Begins

By Allison Jonjak

It's that time again—when our dynamic, responsive cranberry plants are finally doing the same thing for an entire month. Throughout the growing season, cranberries are moving nutrients and carbohydrates throughout the plant—nutrients from roots to stems of leaves; carbohydrates from the production sites down to the roots—to fulfill the plant's growth, bud set, fruit set, and recovery needs. The period between mid-August and mid-September, when plants are focusing all their energy on filling fruit, is the only month-long period in the growing season that we can expect nutrient concentrations in the plant to be consistent from one week to the next.

So now is the time to take our tissue samples. This allows us to compare our results year-on-year to see long term trends in sufficiency or insufficiency of particular nutrients in our plant tissue. You know the drill (see source 2): walk a diagonal path across a bed, stopping to collect uprights from 10-12 sites. At each site, choose 5 fruiting and 5 non-fruiting uprights, and clip off only the current year's growth. Do not include fruit, but do include the stem growth that is new this year. After you have passed through the bed, you should have roughly 1 cup of tissue. Label the bag. Label the soil samples you collected as well (3) and send them off to the lab!



When the lab returns your results, enter them into your spreadsheet or record-keeping system so that you can see long term trends, along with this year's comparison with the lab-established optimal levels. If you'd like help creating a long-term comparison spreadsheet, reach out to Allison Jonjak, Extension Cranberry Outreach Specialist. Combining your tissue test levels with your first-hand observations, your recent and prior year fertilizer applications, soil test results, and the optimal levels, you can evaluate and improve upon your fertilizer application practices. This can save on input costs by reducing waste, let you avoid applications when soil concentration was not insufficient, and it can improve your yield and yield stability over time.

We only get the opportunity to make year-on-year comparisons during this important time for our cranberry plants, so let's make the most of it!

Sources:

1: [Cranberry Tissue Testing for Producing Beds in North America](#)

2: [How To Take a Cranberry Tissue Sample](#)

3: [How to Take a Cranberry Soil Sample](#)

Diazinon Shortage and Future Production: Final Update?

By *Christelle Guédot*

Following my previous articles on the shortage of Diazinon, I wanted to provide a little bit more background to the situation. The Environmental Protection Agency (EPA) performs registration reviews to reevaluate pesticides every 15 years to assess environmental and occupational risk. In March 2023, the EPA announced that it would accelerate the review process of Diazinon and other pesticides that were due to conclude in 2026. As part of the review process of Diazinon, EPA reached an agreement with the pesticide registrants to develop voluntary mitigation measures by the registrants several years ahead of the normal registration review process to reduce occupational risk. This has led registrants to start implementing these measures this summer and resulted in the shortages we heard about this summer. For more information

about this agreement between EPA and the registrants reached in April, please see this article.



While we had some uncertainty surrounding the supply and forecast of production of the different formulations of Diazinon from Adama and Loveland Products this summer, we finally received an official statement from Adama stating that they will continue to produce AG500 into 2024 and that they will cease production of Diazinon 50W. For AG500, new labels that will contain occupational risk mitigation measures and endangered species language are expected to be approved by the end of 2023 and should be in place through 2026 when the EPA will complete the registration review process. As for AG600, Loveland Products have informally indicated to the Cranberry Institute that they do not intend to produce Diazinon AG600 any longer. Once stocks of Diazinon 50W and AG600 run out, Diazinon will only be produced and available from Adama in the AG500 formulation. For more information about use pattern of Diazinon AG500, a link to the label can be found [here](#). It is expected that EPA will announce the notice of the agreed upon mitigation measures later this year and that an interim or final decision will be reached in 2026 under the regular review process timeline.

Happy growing season!

Grower Updates

Flying Dollar Cranberry

By Seth Rice

Hello everybody! Now that July is past us we now are focusing on August and it's challenges. August can seem like a huge waiting game but also have surprises . It's also a time to really size up the berries and maybe add a small touch of fertilizer here and there as needed on this years crop. This year especially most marshes are dealing with our constant reminder of our not so friendly pest flea beetle. Diazinon was the go-to tool we had in our tool box to use for control but since the supply and manufacturing of what we use is now not being produced anymore, we now have to resort to other options. This is going to be a learning curve for everybody. Venom is an option for our applications but time will tell. Also August means it's time for field days!

This year is again at the research station in Millston. It's so nice to be able to gather together with all the growers from all different regions and catch up. I have always thought field days was a good time to be around like minded people with the same problems and different solutions. Growers are great for solving problems and facing challenges and being able to think outside the box. Every year we get to see different vendors and see what's new in the industry. It's a time to see old friends and maybe make some new ones. Either way field days is what you make of it. I hope to see everybody there! Don't be afraid to say hi if you see me walking around!

Vilas Cranberry

By Jeremiah Mabie

Hello all hope you have been well and enjoying the weather! We have all been busy up north. It has been very dry as every single storm that came through has fallen apart right around us. All fertilizer applications wrapped up last week if not the week before. Bug pressure has been pretty minimal but there have been hot spots of flea beetle popping up around and some marshes that have had to spray whole sections. Berries are sizing up slow but are starting to make noticeable differences now. Now is when we all start thinking about harvest equipment and getting things ready as in all reality it is not that far away. Hope to see you all at the trade show and that you all have a wonderful month!



Update from the Wisconsin Cranberry Research Station

By Wade Bockman

The last couple weeks have been busy with preparations for cranberry field days. The continued heat is welcome but we really could use some rain to replenish water supplies as we continuously near harvest.

