

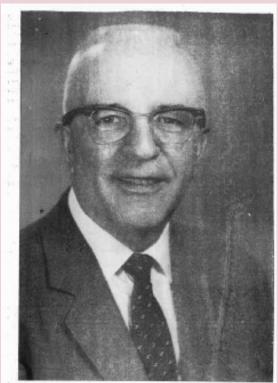
HARVESTING THE PAST....

A HISTORICAL LOOK AT THE CRANBERRY INDUSTRY

BY: BONNIE SOULE

Recently, we were invited to visit retired grower Peter Meier's home on the cape to get a look at his vast collection of cranberry memorabilia. After looking through just a portion of this large collection, he gave the Association a stack of *Cranberries* magazines to add to our own archives. This month we look back at a 1959 article from one of those magazines. This article was a tribute to Bert Tomlinson who was retiring as County Agent for Barnstable County after thirty-five years.

The article outlines Tomlinson's work as an agent with a couple notable items. First, he came up with the idea of the cranberry club. As he is quoted in the article, "I was in the habit of attending practically all of the meetings of the Cranberry Association, but I noticed that comparatively few growers from Barnstable County were in attendance, and I decided to try to stimulate their interest in cranberries by having local meetings." The purpose of the meetings was educational, but they proved to have "a fine opportunity for sociability" and in 1935 the upper and lower Cape Cranberry Clubs were developed. Tomlinson told the magazine that the meetings were very popular and growers from Plymouth County would make the trip down to the cape to attend before, ultimately, starting a local club. Additionally, the success of the MA clubs spread and "Cranberry Clubs were formed in New Jersey, Washington and Oregon."



BERT TOMLINSON, RETIRING, CAPE. "FATHER" OF CRANBERRY CLUB IDEA

Throughout my research for my 'Harvesting the Past' articles, I have always come across mention of the different clubs but had never found anything that spoke to where they came from. This was great a great find!

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CHANGING ON THE FLY

BY: BRIAN WICK, EXECUTIVE DIRECTOR



Please note that next week, all cranberry growers with Water Management Act registrations will be receiving your renewal in the mail. Every 10 years your registrations need to be re-filed as the current ones expire at the end of 2021. However, you need to return your renewal much before that! The letter will be coming from MassDEP and is very straight-forward. Please be sure to return it promptly and make a copy for your records. You may wish to mail it registered or certified (check with your post office for what works best for you) so that you have documentation of it being sent. Your Water Management Act registration is critically important to your farm, don't let it lapse. If it does expire, you can't get a new registration and instead need to get a permit. That opens up a process that involves public hearings, potential abutter comments, they expire in 5 years and the cost will be in excess of \$10,000 due to the necessary permit fees and engineering plans that will be required.

Of note with the Water Management Act registration is a new change and that is that the state is proposing to restrict registrants' water use during state declared droughts. This has been reported in the news and I can explain the process here. First, CCCGA (me) sits on the Water Management Act Advisory Committee, where we have the opportunity to weigh in on regulatory actions regarding this program. This proposed change is targeting only non-essential water use during a drought. For cranberry growers, your water use is essential and so during a drought, you will still be able to carryon normal agricultural practices regarding water use. You would be prohibited from watering nonbog plants, such as ornamentals, grass, etc. from your registered water. This should not be a problem. The intended target of the regulatory change appears to primarily homeowners watering their lawns during a drought and other non-essential activities. Agriculture is not a target and will not impact our normal water use. The only concern that I have raised at these meetings is the concern over the mechanism,

modifying the registrations. Due to past legal decisions, the state is forced to move in this direction in order to effect the change they are wanting to see and that is simply that during a drought, people should be more careful with watering their yard or washing their cars. This makes a lot of sense and we will continue to monitor the Water Management Act process, keeping the interests of cranberry agriculture top of mind.

Speaking of drought, nobody needs to tell you that we haven't seen much rain recently. The state has already declared southeastern Massachusetts as being in a level 2 drought, which I can't recall having that distinction declared so early in the year. Nobody wants a wet spring or certainly during bloom but hopefully we get enough rain over these next several months to put us in a better position for the fall. In the meantime, CCCGA has had conversations with the MA Department of Agricultural Resources to make sure they are aware of what could be a bigger problem in the weeks to come and to look for opportunities for proactive relief or assistance. As noted previously, drought projects were added into the Food Security Infrastructure Grant Program last fall but ultimately, the program remained focused on food related issues and drought projects were not funded. If there is another opportunity for drought mitigation projects to be considered in a grant program, that is an area that I noted to MDAR that could be helpful to our growers. We will also work to look for other opportunities, could be climate change related grants, etc. This is a challenging problem and if it was easy, it would have been solved long ago but with droughts now becoming more frequent, the need for answers is ratcheting up quickly.

Continued on next page:

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In closing, CCCGA has been busy on a variety of fronts, in no particular order - monitoring the new state house legislation for concerns or opportunities, earth removal issues, renewed environmental activism against solar projects (seems counter intuitive to me), implementing a new frost service system that should help streamline the process and over time will provide more capabilities for communicating with growers, installing a new member management and bookkeeping process within the office that will help make CCCGA more efficient and provide greater value to our membership, rolling out the BOGS Online Grower System for 2021, writing grants and getting ready for what we hope is a robust bog tour season, launching a professional chef cooking contest for local restaurants that will bring visibility of our industry during the fall, just to name a few. There's lots going on and with the growing season upon us, CCCGA is busy too helping to fulfill our mission to you: "To enhance the Massachusetts cranberry industry through the viability and sustainability of the CCCGA membership." Best of luck this season and be sure to let us know how we can help!



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CHAPTER 61 A UPDATE

Chapter 61A Values Have Been Approved

The Massachusetts Department of Revenue's Farmland Valuation Advisory Commission met recently and ratified the recommended fiscal year 2022 tax rates for the Chapter 61A program. CCCGA was present throughout the process and was included in the discussions. Overall, the rates for cranberry stayed about the same or declined in all of the yield categories except the lowest yielding category, which did go up. The rationale for this was that previously that yield bracket had been kept lower than the other categories but the committee thought it necessary to bring all of the categories into alignment going forward. This provides a level platform for all of the cranberry yield categories going forward. The committee has also introduced a process to help even out year-to-year fluctuations in tax rates, providing for more stability in each category over time. This should help to eliminate dramatic swings in tax rates, be it high or low, bringing more predictability to growers and municipalities alike.

Remember, as you can see in the chart, you should be taxed based on the yield for your farm, as for cranberry there are 5 yield categories. When you file in the fall, providing documentation of your yield will prevent a town from arbitrarily assigning you a yield category, which could be the highest, as it's at their discretion if you have not provided any documentation of yield.

Chapter Land 61 and 61A Use Categories	Productivity Based on Dominate Soil Ratings			
	Use Code	Below Average	Average	Above Average
Cropland Harvested: Vegetables, Tobacco, Sod and Nursery	711, 712, 719	\$846	\$1,058	\$1,270
Cropland Harvested: Dairy, Beef and Hay; Tillable forage cropland, etc.	713	\$172	\$215	\$258
Cropland Harvested: Orchards, Vineyards, and Blueberries	714	\$846	\$1,058	\$1,270
Christmas Trees	602, 715	\$116	\$116	\$116
Nonproductive Land: Wetland, scrub land, rock land	720	\$52	\$52	\$52
Cropland pastured; Permanent pastured; Necessary and Related land—farm roads, ponds, etc.	716, 718	\$172	\$215	\$258
Productive Woodland; Land Use Categories – Chapter 61Forest Land or 61A land with a Forest Management Plan West of the Connecticut River	601, 717	\$93	\$116	\$139
Productive Woodland; Land Use Categories – Chapter 61Forest Land or 61A land with a Forest Management Plan East of the Connecticut River	601, 717	\$95	\$119	\$143

Use Code	Cranberry: Range of Production/Barrels per Acre				
710	<103	103≤140	141≤168	169≤197	>197
Cranberry Values	\$940	\$1,253	\$1,566	\$1,879	\$2,192

Continued from the cover

Another piece of cranberry culture I have always heard about is the Chart Book put out by the UMASS Cranberry Station. But do you know how that came to be? I did not until I read this article. The following is an excerpt in which Mr. Tomlinson tells of its origins:

"I remember very early in the work with cranberry growers, I recognized the need of putting out clear-cut directions for their insect control, patterned after spray schedules that had been in use for our fruit growers, in other parts of the state. I remember requesting George Short, who was our first part-time extension worker, to keep in mind the need of preparing an insect control chart. It took about three years to work something practical in shape, but finally through a series of grower committee meetings, we had something that had the support of Dr. Franklin, and Barnstable and Plymouth Counties joined in establishing the first cranberry pest control chart. Later similar charts were prepared by new Jersey and Wisconsin, but for many years I believe, it was the practice for these growers to use charts prepared here."

The more you know, right? Don't you just love learning about how things you use today came to be?

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MDAR GRANT OPPORTUNITIES

The Massachusetts Department of Agricultural Resources has opened several grants that may be of interest to growers. Below is a re-print of what MDAR has recently sent out. New this year is that the popular Agricultural Environmental Enhancement Program (AEEP) grant program has been combined into a new grant program called the "Climate Smart Agriculture Program (CSAP)". For those looking to apply for AEEP, you will need to work within this newly created framework. Best of luck!

Open Application Period for MDAR Grants

MDAR is now accepting applications from agricultural operations who wish to participate in the Department's grant programs. Grants are available to help agricultural operations make farm improvements that enhance their economic viability, help prevent negative impacts to environmental resource, adapt and mitigate climate change, improve energy efficiency, adopt renewable energy, and improve on-farm composting. Interested farm operators are encouraged to review the information and applications on each program's webpage. If interested in applying, applications must be submitted with any supporting documentation by the program's deadline.

Below are brief descriptions of each program. For more information (including applications) please visit the program's website.

Climate Smart Agriculture Program (CSAP)

The Climate Smart Agriculture Program links MDAR's water, energy and climate grants together into one application. This includes the Agricultural Climate Resiliency & Efficiencies (ACRE) Program, the Agricultural Environmental Enhancement Program (AEEP), and the Agricultural Energy Grant Program (ENER). By bringing these three grants under one program, MDAR is seeking to simplify the application process for applicants. This program continues the goals of the three individual grants by implementing projects that help the agricultural sector adapt to climate change, mitigate climate change, reducing or preventing impacts to natural resources that may result from agricultural practices, and that improve energy efficiency and facilitate adoption of alternative clean energy technologies.

The CSAP grant is broken into two sections. Section I: Environment is for environmental projects such as soil health, water use efficiency, or other projects working towards reducing or limiting greenhouse gas emissions. Section II: Energy is Ag-Energy projects to improve energy efficiency or to facilitate clean energy adoption.

Applicants can apply to either or both sections.

Participants selected for funding under either section are provided with reimbursement grants for 80% of total project costs up to \$50,000.

www.mass.gov/how-to/how-to-apply-to-the-climate-smart-agriculture-program - Application due: 4:00PM on Friday, June 11, 2021

For more information contact:

Section I: Environment - Laura Maul at (617) 626-1739 or at <u>Laura.Maul@mass.gov</u> Section II Energy - Gerry Palano at (617) 626-1706 or at Gerald.Palano@mass.gov

Viability Grant Programs

APR Improvement Program (AIP)

AIP provides business planning and technical assistance to farms with land that has already been protected through MDAR's Agricultural Preservation Restriction (APR) Program. The program assists with issues of financial viability, resource conservation, family succession, modernization of infrastructure and other issues that by addressing may enhance the long term continued use of the agricultural resource. Grant funds of \$40,000 - \$120,000 may be available on a reimbursement basis with a 25% match to participants for capital infrastructure improvements identified through the planning process. Projects include resource management, new or improved barns, farmstands or other agricultural buildings, or processing facilities.

<u>www.mass.gov/service-details/apr-improvement-program-aip</u> - **Application due: 4:00PM on Thursday, April 29, 2021**

For more information contact Michael Parker at (413) 726-2008 or at Michael.Parker@mass.gov

Farm Viability Enhancement Program (FVEP)

FVEP provides business planning and technical assistance program to help established farms identify strategies to increase farm viability such as new or expanded enterprises, increased productivity, marketing, and/or environmental sustainability. Participants selected to participate in the program may be offered grant funds of \$50,000 to \$150,000 to implement strategies identified during the planning process in return for signing an agricultural covenant on the farm property to keep it in agricultural use for a 5, 10 or 15-year term. Eligible uses of funds are capital projects on the farm such as building or repairing barns, farmstands or other agricultural buildings, modernizing equipment, or improving food processing capacity.

<u>www.mass.gov/service-details/farm-viability-enhancement-program-fvep</u> - **Application due: 4:00PM on Thursday, April 29, 2021**

For more information contact Melissa Adams at (413) 548-1904 or Melissa.L.Adams@mass.gov.

Matching Enterprise Grants Program (MEGA)

MEGA is a reimbursement grant program that assists farmers who are between 1 and 5 years in business by providing technical and business planning and grant funds for farm improvement strategies. Grant funds of up to \$10,000 with a 1:1 match to assist farmers whose goal is to raise agricultural products and who aspire to develop their farms into commercially viable operations. Funds are typically used for equipment, infrastructure, or other capital improvements to implement strategies that are identified during the planning process to help the business grow.

<u>www.mass.gov/service-details/matching-enterprise-grants-for-agriculture-mega</u> - **Application due: 4:00PM on Thursday, April 29, 2021**

For more information contact Jessica Camp at Jessica.Camp@mass.gov.

Ag Composting Improvement Program (ACIP)

The Ag Composting Improvement Program funds projects and equipment to facilitate composting best management practices, use of compost for agricultural purposes, and enhance overall management of agricultural composting operations. Reimbursement grants up to \$75,000 will be awarded on a competitive basis.

<u>www.mass.gov/how-to/agricultural-composting-improvement-grant-program-acip</u> - **Application due: 4:00PM on Tuesday, June 1, 2021.**

NOTES FROM BEACON HILL

BY: JOHN FERNANDES



The month of March saw a significant amount of action on Beacon Hill.

Playing out mostly behind the scenes is the finalization of a budget proposal that will come out in the House in April for debate and then be sent to the senate for action in May. In lead up to those debates, the chairs of the respective house and senate committees on Ways & Means and their members and staff have been meeting with their colleagues in the two branches to review individual member priorities for the state and local programs of interest to each member. Revenue receipts are carefully assessed for signs of stability and predictability to assist in projections for the coming year. This is particularly important in this current debate for the FY'22 budget that commences July 1, 2021 and runs through June 30, 2022. As I have noted in the past, the Massachusetts constitution mandates that the state have a balanced budget where spending meets revenue projections at passage and is adjusted to meet actual revenue receipts as the fiscal year progresses. The uncertainty that still lingers as unemployment is coming down but remains above pre-Covid levels, and as businesses struggle to stay open or project when and how to reopen. That makes the assessment of likely revenue a difficult one at best.

The good news is that the passage of the \$1.9 billion federal stimulus bill pushed by President Biden (like the idea or not) will send much needed additional revenue into the state to help stabilize the budget and to undertake efforts to reopen the economy. In addition, business confidence is up and unemployment is down both certain to lead to more revenue. The Associated Industries of Massachusetts' released a report that noted the monthly confidence index is up by 4.5 points at 60.9 on a scale of 0 to 100. Unemployment sits at just over 7%, which remains a high level but it is coming down from the worst days of the pandemic. The Department of Revenue collected more than \$3 billion last month, which is much higher than expected and almost double the amount collected last year at this time. The chairs also recently announced an agreement to put significantly more money into education in the coming budget, money much needed to offset the lost ground students experienced this past year.

In other news, the legislature passed, and the

governor signed an unemployment bill that contains language already approved at the federal level to exclude \$10,200 of unemployment compensation from state taxes by certain individuals based upon total income in 2020 and 2021. The new law also ensures that, for tax purposes, forgiven Paycheck Protection Program loans and Economic Injury Disaster Loan advances are excluded from gross income, regardless of how businesses are organized. The state has agreed to extend the tax filing deadline to May 17th to match the federal extension of the filing deadline.

The governor also announced recently that over 1 million people have been fully vaccinated from COVID-19. He also announced that all residents age 16 and older will be eligible to enroll for Covid vaccination by April 19.

At the CCCGA level, during the past month, Brian Wick and I identified hundreds of bills filed in the Massachusetts legislature this session that could have an impact upon growers, positive or negative as the bills address issues in agriculture generally, our industry in particular, energy — particularly solar, pesticides, labor overtime laws, etc. He and I have spent a great deal of time evaluating each bill. We have narrowed that list down to a few dozen that we think are most important and we will be recommending to the legislative committee and executive board those bills we feel we should track or even testify relative to when hearings commence.

Brian and I also met with the Farm Bureau to discuss collaboration on bills and issues of importance to all sectors of agriculture and continue to collaborate with other sector leaders. Ag Day has been a topic of discussion and we will have more on that as the legislative session moves forward. Be assured that no matter what form ag day may take, we will be arranging meetings with key legislators to address our legislative priorities.

Brian and I also continue in close contact and discussions with municipal leaders and the solar industry regarding 61A and tax issues around dual use. More to come on that as progress is made.

Stay safe and let us hope for a smooth path back to normal soon as more and more people are fully vaccinated.

BOGS ONLINE

BY: Dawn Gates Allen



As we approach a decade of growers using the BOGS Online Grower System, we're excited to announce that our platform has received a facelift. This refreshed BOGS design follows current user interface best practices for website navigation and functions and provides for an intuitive and user-friendly experience. In other words, it's an updated look that will be easier for growers to use. The new look was done through the generosity of the BOGS system developers, Fishnet NewMedia of Chatham, who since the beginning, have worked both behind the scenes and also upfront with CCCGA and growers alike to continue to make BOGS the go-to record keeping tool for Massachusetts growers.

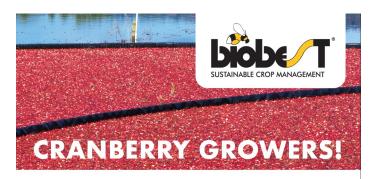
We'd also like to announce that we've implemented enhanced reporting functionality that had been requested by growers. By using the 'Nutrients Application Table' and the various 'Pesticide Use Reports' you may now customize flexible reports by adding and removing data elements in a column-based table, as well as export your data to Excel for further analysis. The BOGS system account data is organized as it was before, within a Growers menu tab for setting up your farm information and a Reports menu tab for holding all of your application related data. All of this now enables users to have access to your information with easy navigation and updated screen layouts.

You'll be able to easily select your crop year from the timeline on each page to view historical information on application data. Lastly, you'll find intuitive instructions on each page, explaining what actions you may take on each screen.

For those that have never used BOGS or are curious as to what it can do to help increase your on-farm efficiencies, please contact Dawn Allen at dgatesallen@cranberries.org or 508-866-7878 ext. 10. There will also be a series of 1-hour Zoom classes to be held in May that will explain how to use the BOGS program and go into more details on some of the new features. These classes will have one pesticide contact hour available for attendees.

For existing BOGS users, we hope you'll take a few minutes to login, explore the redesigned site and give us your thoughts. For Ocean Spray growers, your maps are ready to import for 2021 and you must do this step before you can use BOGS for the season. Always verify your Exhibit A information within the Ocean Spray Grower Business System (GBS) prior to running your import. Contact Ocean Spray directly with any issues with your Exhibit A data or Dawn Allen if you have questions with the process of importing your maps into BOGS.





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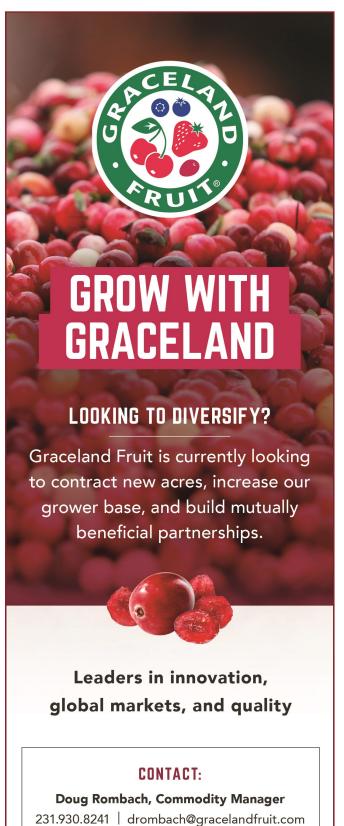
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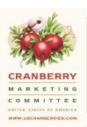
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UPDATES FROM THE CMC

BY: KAREN CAHILL



As part of its strategic planning process, the Cranberry Marketing Committee will be soliciting feedback from cranberry growers in the form of an online survey this month. We hope that you will take a few moments to share with us the issues that are most important to you. Participation in this survey is a critical first step towards planning for the future of the CMC.

EU Dried Cranberry Tariffs: The cranberry industry is aware that the European Union plans to increase its tariff on dried cranberries by 25% on June 1, 2021. Currently, there is a duty-suspension in place for dried cranberries for further processing. The tariff increase is a result of U.S. steel and aluminum tariffs placed on Europe in 2018. The EU announced the retaliation, but agreed to suspend the 25% tariffs for three years to see if an agreement could be reached. To date, there is no indication that the Biden Administration and its EU counterparts are close to an agreement to avoid the new tariffs. Although a temporary suspension of recent Boeing-Airbus retaliatory tariffs was announced, the steel and aluminum tariffs remain in place.

UK Duty Suspensions: As of January 1, the United Kingdom has its own tariff system in place, separate from the European Union. This tariff system largely mirrors those tariffs in place in the EU. The UK has also adopted the EU duty-suspensions, including those on cranberry concentrate and dried cranberries, as well as with the retaliatory steel and aluminum tariffs. The UK has announced its intention to establish a UK process for stakeholders to apply for and secure UK duty suspensions. The US cranberry industry anticipates having to apply this summer for the current UK duty suspensions' continuation in 2022 and beyond.

Cranberry Industry Feedback to USDA on EU Pesticide Policies: The European Union is seeking feedback on its Farm To Fork strategy relating to pesticides. They have developed a survey that they are asking interested parties to fill out regarding what should be in their priorities moving ahead. USDA also sought comments on the survey so they can submit their own response. The cranberry industry submitted comments to USDA and expects to submit additional comments through the survey itself by the April 12 deadline. The industry will argue for long transition times with proposed MRL changes and the European Commission's support of growers regarding pesticide decisions.

Cranberry Case Study on MRLs in ITC Report: In early March, International Trade Commission released the second volume of its report on the economic impact of the MRL issues. The second volume focused on the impact international MRLs were having on US industries. Within the report, the US cranberry industry was included of one of a handful of case studies. The ITC conducted numerous interviews with cranberry industry officials as they prepared the report and used industry submissions in their drafting of the case study.

Latest on Chlorothalonil and Mancozeb in the EU: The EU withdrew the MRL for chlorothalonil (Bravo) on cranberries in early February. The new default tolerance (0.01 ppm) will be in place as of September 2, 2021. Although mancozeb (Manzate) was not renewed for use in the EU, the MRL on cranberries is still in place for the remainder of 2021 and likely to change only in 2022 after the grace period for use of available stocks in the EU has ended. Mancozeb MRLs are also under review through a separate process, which will publish its results at the end of the year. The CMC continues to closely monitor the mancozeb MRL review process.

Upcoming International Activity:

May 18-20	SIAL China Trade Show (Shanghai, China)
May	Digital Promotions (India)
May	Health Seminars (EMP) (India)
May	Consumer PR (India)
Мау	Cranberry Beverage Promotion with BreadTalk & HeyYo (Guangzhou, Shen-
May	National Nutritional Week (China)
May-June	Online Recipe Promotion with Douguo.com (Online, China)
May-Dec	Cranberry Consumer Campaign with Tea Chains (China)

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In Memoriam

REMEMBERING OUR CCCGA MEMBERS AND FAMILIES





Raymond Lincoln Thacher "Link", the heart of Harwich passed away on April 21st at the age of 86. He is well known for his passion of cranberry farming. He turned the reins over to his son Ray in 2015 but was always working by Ray's side. He left behind his wife of 65 years, Beverly and three children, Vicki, Jayne and Ray. He will also be missed by his grandchildren and great grandchildren. In lieu of flowers, donations may be made to either the Harwich Historical Society at 80 Parallel Street, Harwich, MA 02645 or the Harwich Family Pantry at 133 Queen Anne Road, Harwich, MA 02645.







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Some of the highest yielding varieties in the USA

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- Breeding hybrid vines since 1974.

Limited vines available, Reserve orders now for 2021!



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- Reduce Energy and Water Use
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THE BOG BRIEF



WINTER MEETING PRESENTATIONS ARE AVAILABLE ON THE CCCGA WEBSITE AT https://www.cranberries.org/

growers/winter-meeting-presentations

PESTCIDES USE REPORTS DUE MAY 1

For all growers with MA pesticide licenses, if you have not done so already, please be sure to send in your 2020 pesticide use to the MA Department of Agricultural Resources by May 1st. For those growers that use the BOGS Online Grower System, with the click of a button, you can have your report generated, allowing you to print, sign and mail. For others, more information, including the use form, can be found at the MDAR website at https://www.mass.gov/how-to/pesticide-sales-and-use-reporting.

UMass Cranberry Station

Research & Extension

UMASS CRANBERRY STATION REQUESTS YOUR HELP!

THE CRANBERRY STATION IS RENOVATING. PLEASE CONSIDER CONTACTING HILARY SANDLER AT 508-295-2212 X21 OR RICK LEIBE AT 413-230-1865 TO HELP WITH REDUCING COSTS FOR MATERIALS, SUPPLIES AND LABOR.



It's time to get ready for Spring Herbicide and Early Season Fertilizer Applications





SENATOR THERESE MURRAY

CRANBERRY EDUCATIONAL SCHOLARSHIP



Dear Grower:

The Cape Cod Cranberry Growers' Association is pleased to announce that applications for the Senator Therese Murray Cranberry Educational Scholarship are now open. This year the CCCGA will be offering one \$1000.00 scholarship.

Applicant must be an immediate family member of a CCCGA Grower member or their year-round or part-time regular employee. Applicants must also be currently enrolled at an institution of higher learning (post-high school) with a GPA of 2.5 or better. The application guidelines, requirements and form are online at: https://tinyurl.com/TMaward

The **fully completed** application form must be submitted electronically **12:00 PM**, **Wednesday**, **May 19**, **2021**. An email confirmation will be sent to you and without that acknowledgement of acceptance, the applicant should not consider his/her application submitted. Only electronic applications will be accepted. If anyone is unable to send in their completed application electronically, please contact Patti at psilvia@cranberries.org.

Recipients will be notified by email no later than June 25, 2021.

Regards,

Executive Director

Mu a wi



Guarantee a Flying Start to Next Season

Top Reasons to Use Bumblebees

- Bumblebees forage at temperatures as low as 40°F, honeybees forage when temperatures are 55°F and higher.
- Bumblebees do not adjust foraging times to avoid wind, a honeybees foraging is stopped when wind speeds reach 15 mph.
- Bumblebees can use "buzz pollination" or sonication to release pollen from flower anthers, honeybees do not sonicate to collect pollen.
- Bumblebees can deposit larger quantities of pollen to the stigma as compared to honeybees, requiring less visits for pollination.
- Bumblebees tend to have a more erratic flight pattern than honeybees which facilitates the movement of pollen across rows.
- Bumblebees will forage in lower light conditions than honeybees.

Koppert's Quad is especially designed for outdoor pollination with four hives inside; it is buzzing with bumblebees ready to pollinate.







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FOR SALE: Beautiful, secluded 100 acre property in Carver, MA. 35 acres of ocean spray dry picked cranberries, 4 acres of Christmas trees, cranberry museum and gift shop that caters to Argo tourists. Please call 339-933-0207 for more information or to make an offer!

FOR SALE: Vintage Ford Tractors

These are completely re-furbished and have not been used or been outside since being reconditioned.

1953 Ford Jubilee: \$8,500

1953 Ford: \$6,500

Call Jeannette at 508-428-2639

FOR SALE: 2 bog sanders Reasonable offers

accepted. Please contact:

Oiva Hannula & Sons 508-866-1075

FOR SALE: 13.38 acres of cranberry bogs in Carver. Property consists of Ben Lears & Early Blacks and have been good producing bogs over the years. Property consists 10 acre reservior & 45 acres of upland. A section of upland has 3 possible house lots with right-aways leading to them. If someone is just interested in the bogs and reservoir, willing to just sell that portion. Asking \$280.000. or best offer. House lots \$100,000. each or best offer. Please call Virgina Weston at 508-866-4916 or PO Box 164, South Carver 02366.

FOR SALE:

Pruning head for St. Jacques Machine 4X4 sander with heated body 4X4 wheeler off Hydraulic sander Contact Scott 508.942.4511

FOR SALE: 300 fresh fruit dry bins. Excellent shape. Call 774-263-8768

FOR SALE: One Kubota four cylinder motor with clutch and Berkley pump. Runs fine. \$5000. Two four wheel drive bog sanders with Wisconsin motors and International drive trains - \$4000. or best offer. Over 100 Rainbird #30 H sprinklers or risers 12" -14" \$10. each. Four Wisconsin motors for use or parts - make an offer. Please call John at 508-509-3584 with any questions.

BOG FOR LEASE: Ocean Spray Cranberry A-pool bog for lease, will negotiate 8 acres. 4.5 acres of Early Black, 2 irrigation pumps, 1 lift pump 4 1/2 acres of pop-up, 3 1/2 acres of traditional sprinklers Spring fed reservoir. Bog located in West Wareham. Please call 508-748-1137

WANTED: Local cranberry grower wanting to update picking machines. Looking for hydraulic, oscillating, new or used machine. Gephart style with rotating head or harrow. Call Bruce at 508-728-7631

WANTED: Pruner Walk-behind or ride-on pruner. Attached rake or similar a plus. Please contact Rick Leibe at UMass Cranberry Station. 413-230-1865.

WANTED: Cranberry picking machine or plans /project to build new one. Machines need to be "Furford" type, can be complete or without engine. contact only via email adamtomczuk4@gmail.com

WANTED: Running running 6 wheel dump truck.. Contact: call or text Ben at 508-237-9252 or Alan 774-313-6560.

WANTED: Dry cranberry harvester. New or used in any condition. Also plans to build a working harvester. Contact: Wojciech Zuber at zuber.wojciech@gmail.com or 1-403-894-0865