BOGSIDE



The Official Newsletter of the Cape Cod Cranberry Growers' Association

May 2021



Springtime in bog country means tolerance checks!! Your frost committee and interested growers go to Rose-brook bogs in Wareham weekly and look at the buds. These checks usually begin in early April while the vines are still in spring dormancy and end in mid to late May. The spring frost season usually ends in mid-June. Beginning tolerances are 18 degrees and go as high as 29.5 degrees. At times, the vines are checked every 5 days to look at bud growth.

It is an interesting morning with lots to learn, not only about frost, but many related cranberry subjects. Topics of discussion range from pesticide and fertilizer applications, running pumps, the weather and of course base-ball!!!

We have a mini parade while driving to 4 different bogs to look at Early Blacks, Howes, Ben Lear and Stevens buds. While on the bogs, everyone is at ground level looking and discussing the bud development. Once tolerance is set, it is off to the next bog to repeat the process.

Of course, once the summer has passed and late August or September rolls around, we start the process again looking at berries. Whether it is spring or fall, the bogs are a beautiful sight to behold!

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MISSION STATEMENT:

"To enhance the Massachusetts cranberry industry through the viability and sustainability of the CCCGA membership."

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CHANGING ON THE FLY

BY: BRIAN WICK, EXECUTIVE DIRECTOR

Massachusetts
cranberries

Here's some of the happenings at CCCGA. As John Fernandes notes in his article, it's budget season at the state house and CCCGA has been involved in making sure those pieces important to our industry and any other legislation filed that may be beneficial or detrimental, gets the attention it deserves. John will cover it in more detail in his piece but always the top priority for us is making sure that the UMass Cranberry Station receives its base funding in the budget. We rely on our legislative leaders and cranberry delegation to make that happen and we are thankful for their efforts and support.

Bonnie Soule has been working hard with Jim Hayward to put the finishing touches on our travelling bog. This will be a unique display of the MA cranberry industry, showing visitors what a bog and cranberry farming is all about. With restrictions being lifted, we are excited to have the bog make its way around the south shore this summer and fall. We have fingers crossed for the Marshfield Fair in August and a Plymouth 400 (401 now) event in September. It truly is a piece of art. Jim thoughtfully crafted the piece, using the amazing skills that he has to shape a concept into reality and then kick it even higher. Bonnie shepherded the project along and provided the much-needed finishing touches, educational and attractive graphics and signage to tell the full story and leave visitors with wanting to know more. The latter is accomplished with QR codes that will drive technology savvy visitors to use their phones to click and be directed to our website where more information on cranberry growing can be found. Wait until you see this travelling bog in person, you will be amazed!

CCCGA has applied for a USDA Specialty Crop Block Grant, that if awarded will provide some enhancements to the BOGS Online Grower System, allowing for more financial recording and decision making, along with enhanced IPM tools, delivery data information and more. If we are successful in the grant, these changes will be in place for the 2022 season and will help set the stage for a whole new level of farm management. We expect to hear in mid-summer if we are successful in obtaining the grant. We also have our eyes set on other grant opportunities, targeting some production studies, cost of growing, value to the local economy, etc.; a research

grant to evaluate the use of drones for applications of ag chemicals; and leadership/ educational opportunities that would focus on developing future leaders in the industry and also build upon establishing a more established resource within our ag and vocational high schools to bring the cranberry industry closer to the students, hopefully lighting a spark in some of them to look towards cranberries as a career path. There may be more ideas than grant opportunities that materialize this year but we are working towards those goals.

As you may recall, the state was granted a project to restore cranberry bogs to natural wetlands last year. Due to the nature of federal and state governments, it's taken awhile for the paperwork to make its way through the layers of red tape. CCCGA has finally been given the green light to assist in some of this work. The first step is creating a document for growers to understand what options are available for them in retiring some or all of their acreage, how the various programs work, the pros and cons, etc. We are also working to document how cranberry bog restoration can be done by local contractors, either growers themselves or those that routinely work with growers using heavy equipment. This is an opportunity to have more industry involvement in the projects. The ultimate goal is that we will be able to assist growers in the process, help bring down the restoration costs and enable more growers to enter into one of the available programs. We recognize that this program is not for everyone but there are growers looking to retire some acreage, with more interest than resource dollars. The circumstance that is most appealing to CCCGA are those growers that are looking to retire some of their most challenging acreage, allowing them to better focus on their remaining bogs, making them more profitable. This project is one of the 3 pillars of the major recommendations of the Cranberry Industry Revitalization Task Force. Further, CCCGA is being compensated for this work, so it also brings financial assistance into the association, which benefits all growers. Our first report is due in July and we'll have more to share as we go through the process.

Continued from previous page

There have been some recent regulatory challenges in a couple of towns, mainly involving dual-use solar and earth removal projects. We've had success to date dealing with some of these issues but much more work remains to resolve others, as they are ongoing. CCCGA is doing what we can to help settle these situations. We are involved and advocating for our growers under both state and local law. If you hear of any regulatory issues in your town or certainly involving a project you are undertaking, please let CCCGA know so we can monitor and act accordingly. We hope these are isolated incidents but are concerned they may be part of a growing movement against our industry.

In closing, the state has reversed its drought declaration for southeastern Massachusetts, placing it at a Level 0, from Level 2, based on recent rain events. That's good news but we all know that water levels are not where they should be. Hopefully we continue to get periodic rain, especially to break up these frost nights!





BOG RESTORATION APPLICATIONS NOW BEING ACCEPTED BY STATE



The Massachusetts Department of Ecological Restoration (DER) has announced that they are now taking applications for the next round of cranberry bog restoration projects. This is for growers that are interested in retiring some or all of your cranberry acreage and having the state restore it to a natural wetland.

Through the Priority Projects Program, DER selects projects that help advance their mission. Selections are based upon consideration of the project's cost, size, practicality, feasibility, opportunity for public benefits, available DER resources, direct benefits to aquatic resources, and partner support. Selected projects will be eligible to receive support such as technical assistance from DER staff, technical services from consultants under contract to DER, and/or direct grant funding. There is no cost or commitment to apply. **Applications are due by May 17, 2021 at 5:00 pm.**

The DER <u>Priority Projects webpage</u> has more information and how to apply. Note that this website includes other priority projects that are not related to cranberries. The cranberry projects will be evaluated amongst themselves. Because the program is focused on restoring bogs back to their original wetland conditions, upland bogs are not going to qualify. CCCGA can assist growers in understanding the program and helping with applications. Contact Dawn Allen at dgatesallen@cranberries.org or 508-866-7878 ext.10.







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- 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.

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NOTES FROM BEACON HILL

BY: JOHN FERNANDES

A sense of normalcy returned to Beacon Hill in April as the House took up and passed its version of the budget on time during the last week of April. That activity dominated the month as the proposed budget was released by the house committee on Ways & Means in the middle of the second week of the month. All proposed amendments were due by the end of that week and over 1,150 amendments were filed by house members. The Ways & Means Committee members and staff reviewed the amendments during the third week. The budget was then debated and passed the last week of April. It now goes to the senate.

Brian Wick and I reviewed the entirety of house budget and all 1150 amendments picking out those we felt were worthy of support and those that might be of concern. We then reviewed the final budget and all those amendments that did pass to allow us to communicate our support or concern to the Senate members as they move forward with their process.

The house final budget added some \$60 million in spending to finish with a \$47.7 billion budget proposal for FY 2022. Included in the budget are two amendments filed by Rep. Straus, one that continues UMass funding for the Cranberry Station, and a second amendment that directs \$100,000 for the operation of the Cranberry Health Research Center at the University of Massachusetts-Dartmouth.

The senate version of the budget will be released by the Senate Ways & Means Committee by the time you read this, and the same process will be followed in the senate. The final senate budget passed the last week in May. The two branches will then form a conference committee with three members from each branch to resolve differences in the two budgets in June and hopefully in time for a final legislative budget to get to the Governor by the start of the new fiscal year on July 1st.

The good news is that the high level of vaccination in Massachusetts is allowing a reopening of the economy and that is resulting is some revenue projection stability sufficient to allow our state legislators to pass a budget they feel is reliable. There is still much to be done to get more businesses open and people back to work but the hope is that process will move quickly into the summer and fall.



The most recent, as of this writing, May 9th Massachusetts vaccination report reveals that almost 3 million Massachusetts residents have been fully vaccinated and over 6 million doses of the vaccine have been administered. Those numbers put Massachusetts in the top 5 states in the nation for vaccination success.

Governor Baker set forth timelines in the last week of April to lift all remaining business restrictions, starting May 10th. Large venues such as Fenway and the TD Boston Garden can increase attendance at games from 12 percent to 25 percent. The governor also lifted the requirement that masks be required outdoors beginning the end of April, unless one is in a crowd where it is not possible to social distance from others. As of Memorial Day, gathering limits will increase to 200 people indoors and 250 outdoors. In addition, street festivals, parades and agricultural festivals will be allowed at half capacity and bars, beer gardens and wineries can reopen.

The new federal census numbers came out and Massachusetts held steady in its population such that we will retain our nine house congressional members at the federal level. This is significant as the last few rounds of census results saw a decreasing population in Massachusetts and a shifting of congressional seats to warmer climates. The consequences of the past census results were a reduction of Massachusetts representation in congress from 11 to 10 and then 10-9 seats. This will stabilize our representation for the next ten years.

Stay safe and let us hope for a smooth path back to normal soon.



BY: DAWN GATES ALLEN



BOGS Online Training Workshop

CCCGA is offering continuing education pesticide credits. Each session is 2 credits, but the material is the same, so please select the option and class that works best for you.

Option 1: Live, in-person, interactive small group classes held at the CCCGA Conference Room – limit of 5 growers each session, 8:00 am to 10:00 am

Monday, June 21st Thursday, June 24th Monday, July 26th Thursday, July 29th

Option 2: Live, online via Zoom only – unlimited attendance, 8:00 am to 10:00 am

Monday, August 2nd Monday, August 16th

Learn the simple methods of electronic record keeping with the BOGS Online application, including such tasks as the use of work orders, spot treatments, reporting and more. The newest features of BOGS will be explained.

With both options, pre-registration is required. Please contact Dawn Gates-Allen dgatesallen@cranberries.org or 508-866-7878 x 10 for registration instructions.

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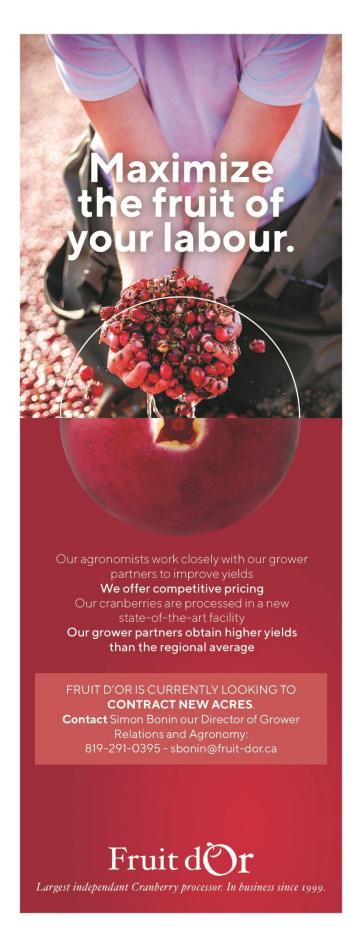


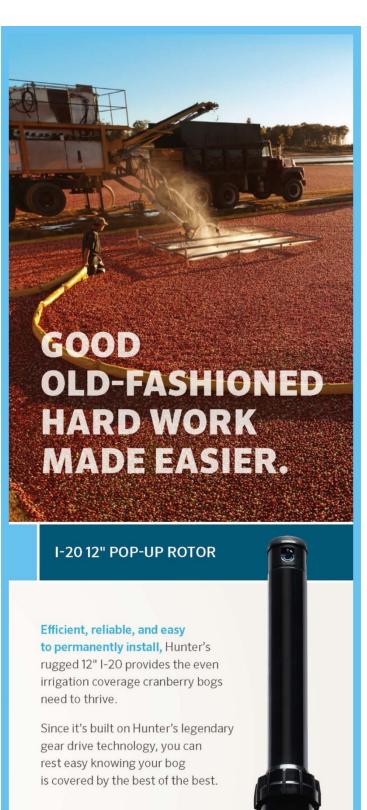
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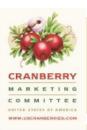
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UPDATES FROM THE CMC

BY: KAREN CAHILL



Clinical Study

Domestic promotion of the CMC's recent *H. pylori* clinical trial is in full swing. The CMC is targeting the following:

Consumer Outlets (health, wellness, nutrition, food, and lifestyle) & Newspapers (national, local):

Andrea Mathis

Nutrition Twins

Trade Outlets (food and science and health) & Industry Publications:

Lauren Manaker

Lauren Harris-Pincus

Dr. Jed Fahey

Cranberry Harvest Season:

Lauren Harris-Pincus

Media placements include 1-2 key messages

Study results and positive benefits among consumers of cranberry PACs on H. pylori Focus on gut health

To-date, the program has generated six traditional media placements for a total of more than 45 million impressions and 5 social media placements for a total of 1.3 million impressions. The campaign also includes the development of five recipes: Cranberry smoothie bowl with frozen cranberries, Cranberry slush/granita with a lime/orange zest, Peanut butter granola with dried cranberries and dark chocolate featuring dried cranberries, Cocktail with cranberry juice and floating frozen cranberries, Sparkling ginger and lime cranberry drink with cranberry juice.

India

Planned promotion activities in India has had to be stalled because of the COVID-19 situation. Physical retail promotions are now being rescheduled for July/August 2021. It is expected that the surge will reverse by then as a large part of population would have been vaccinated.

The e-commerce sales are seeing tremendous growth in India as most consumers are ordering from home. Promotions for US Cranberries have been lined up with the largest platforms like Big Basket and Milk Basket in June 2021. These promotions were planned for May but the e-commerce operators need additional time to sort out their supply chains given the COVID restrictions.

US Cranberry importers and distributors have been kept informed about all promotions and the changes. Key importers have reported sizeable increase in demand.

Upcoming International Activity:

June

Digital Promotions (India)

Health Seminars (EMP) (India)

Consumer PR (India)

Cranberry Video Production and Promotion with Cat's Kitchen (Online and Offline, China)

Online and Offline Events with Quna (Chengdu, Shenzhen, Hefei, China)

National Nutritional Lecture (Online, China)



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William Stearns III, "Big Will", of Plymouth passed on April 27th. He was 71. Will entered the family cranberry business which was his true passion. In the mid 90s he built Southers Marsh Golf Club, the site of our annual CFR Golf Tournament.

Will had many friends and a loving family. He leaves his wife Nancy of 50 years, his children and their souses, Will and Sarah, Laura and Ted Flynn, Betsy and JD Marks and many grandchildren.

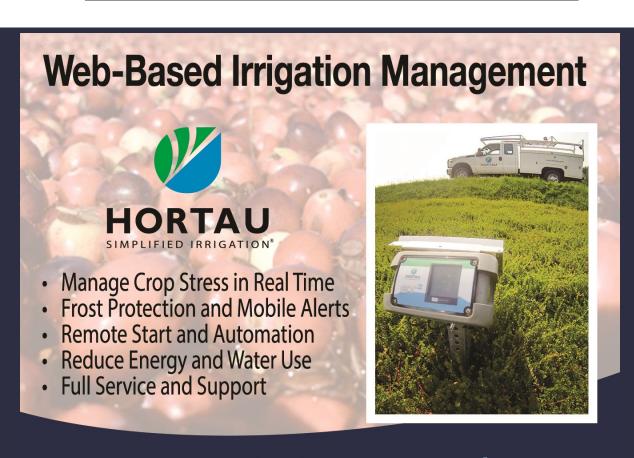
Services will be held at a later date. In lieu of flowers donations in Will's memory can be made to the Dana J Harju Scholarship Fund, 253 France Street, Middleboro, MA 02346 or the Ouimet Scholarship Fund, www.ouimet.org.

We will miss his generous heart, smiles and laughter. Our deepest sympathies.









For more information call (920) 246-9130 or visit hortau.com

UMASS CRANBERRY STATION NEWS

BY: HILARY SANDLER



Although we will be out on the bogs more this summer (compared to last summer), the Station remains closed to walk-ins by the public. The University is evaluating their plans for re-opening the campus and the farms. We will keep you posted as to when we will be operating closer to 'normal' status. We remain available by email and phone (https://ag.umass.edu/cranberry/faculty-staff). If you are not on our newsletter list, please sign up (it's free) and it is a great way for us to communicate with you (https://ag.umass.edu/cranberry/publications-resources/newsletter-sign-up).

The **IPM Message** is active (updated by Friday each week). Call the Station and use extension 60 or go to the Quick Links on the right side of our website homepage. The 2021-2023 **Chart Book** is now available. Call us to schedule a pick up or send a check for \$6 per book and we will mail the Chart Book(s) to you. We will be holding a virtual lunchtime chat on Wednesday June 9, Noon-1. One contact hour will be offered. Please contact Robyn for meeting information (rmhardy@umass.edu or 508-295-2212, x10).

The bid requests are out for contracting the work that will be performed on infrastructure improvements and the construction of a new building at the Cranberry Station. Project description and more information can be found at : https://ag.umass.edu/ for front page higlight and https://ag.umass.edu/cafe/news/wareham-facility-construction-bids-open-now for full story. We are hopeful that local contractors will bid on the project! Subcontract bids are due May 26 and the GC bids are due June 9.

Upright dieback was the order of the day coming out of the winter. Orangey-brown dead uprights scattered throughout the greening up vine is an indication of this fungal disease at work. Samples we received at the Station with typical UDB symptoms tested positive for pathogen (*Phomopsis vaccinii*) in lab plating. The treatment window is when the buds have broken dormancy and new growth has begun (April 15 through May 25).

We have a **Section 18 Emergency Exemption to use Kerb** for dodder control. The permit is active from April 15 through June 30, 2021. Many handlers are restricting its use; contact your handler before applying. You will need to report your use of Kerb to MDAR by November 30, 2021. 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 me at hsandler@umass.edu or x21. We renewed the **Special Local Needs label for Devrinol 2-XT** that permits the use of multiple applications on new plantings. You can use 3 applications 6 quarts or 2 applications of 9 quarts. The permit is now good through 2026. An SLN is also available for the DF-XT. Copies of all of our special lables are available on our web site at: https://ag.umass.edu/cranberry/services/special-pesticide-labels and from wherever you buy your products.



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23rd Annual Golf Tournament

Monday, July 19th, 2021 **Pre-assigned Tee Times** Starting @ 10:00 am



Boxed Lunches/ Grab & Go Golf **Southers Marsh-Plymouth**

Join us for a day of fundraising and take a break from the bogs, shop or office! CRF remains committed to raising funds for cranberry industry research. The 2021 tournament will follow last year's format, with designated T-times and 2 golfers per cart. Southers Marsh is following state mandated guidelines of face coverings when social distancing is not possible.

Silent Auction/Raffle Donation Form

The tournament will feature a silent paper bid auction and raffle ticket event. Each donated item for the event will be prominently displayed near the putting green under a tent displaying the donor. All proceeds from this event benefit the research efforts of the Cranberry Research Foundation.

Thank you in advance for your donation

Complete and return by Friday, July 1, 2021 to:

CRF, 265D South Meadow Rd., Plymouth, MA 02360; Make checks payable to CRF

Company Name:
Contact:Title:
Address:
Telephone: Email:
Description of item being donated
ESTIMATED VALUE (this value will only be used for in-kind donation description)
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BOXED LUNCH SPONSOR \$1,750 Sponsorship includes: Two complimentary foursomes plus carts ~ Company Stickers on boxed lunches ~ Company Item placed at lunch table ~ Two months recognition in CCCGA newsletter ~ Recognition on Sponsor Banner & Social Media ~ Hole Sponsor sign at tee				 Bring hand sanitizer Bathrooms available in clubhouse Raffle & Silent Bid items will be located on putting green Golf carts are limited sign up early Cart priority given to Handicapped, Seniors & Sponsors Golfers will be refunded cart fees if carts are not available and they must walk the course Carts are single riders only unless from same family/household 		
EVENT SPONSOR \$1,000 Sponsorship includes: One complimentary foursome plus cart ~ Recognition in CCCGA newsletter ~ Recognition on Sponsor Banner & Social Media ~ Hole Sponsor sign at tee						
COCKTAIL CART SPONSOR \$600 Sponsorship includes: Signage on Cocktail Carts ~ Recognition in CCCGA newsletter						
DRIVING RANGE SPONSOR \$250 Sponsorship includes: Sponsor sign at driving range HOLE SPONSOR \$200 Sponsorship includes: Hole Sponsor sign at tee ~ Listing in CCCGA			Mu	Mulligans <i>(presale only)</i> \$5 each Raffle & Silent Bid will be credit/debit only		
Newsletter **Hole in One Sponsors please contact Dawn Gates-Allen FOURSOME TEAM \$480 "In Memory of" Donation:			Fou Mull "In N Don	Sponsorship \$ Foursome only \$ Mulligans qtyx \$5 = \$ "In Memory" Donation \$ Donation \$ Total due \$		
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Credit Card #:		EX	Date.	CVC:		

IT MAY BE COMPACT. BUT ITS REACH IS WORLDWIDE.





Step into a Kubota excavator and it's easy to see why it earned the title of #1 selling compact excavator in the world: Six heating and cooling vents and an easy-open front window provide the kind of comfort that keeps operators in the cab and getting the work done. Minimum tail swing, industry-leading bucket breakout force and an optional quick coupler are just some of the additional features that give the Kubota compact excavator such a huge reputation.

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*According to 2016 OEM Off-Highway Research, Kubota has the largest compact excavator market share in the world. ©Kubota Tractor Corporation, 2019.



BOG PETS

Bunny the Norwich Terrier is owned by Gates Cranberry's granddaughter and 5th generation grower, Mariah Allen-Woodward from Middleboro, Mass. This breed originated from Suffolk county on England's east coast. Renowned for their superior-scent tracking abilities, Norwich terriers were first utilized in England as ratting dogs and brought over to the USA after WWI. Fox hunters quickly adopted the Norwich Terrier as the *go-to* breed as they are truly fearless. The Norwich Terriers would eagerly ride along in the saddle with the equestrian and await their tentative fox chase. Once the equestrian handler visually located a fox within close proximity, the terrier would be dropped by their neck scruff off the side of a galloping horse to help chase and catch the fox. Size does not matter to Bunny as her best friends are three 80 pound labs and a 5 pound kitten. Bunny also loves to be around tractors and playing in her Uncle Shane's shop.

If the cranberry could be personified into a dog, Bunny would certainly pass the 'bounce test' since she does run and hop through the vine like a rabbit.

Like the cranberry packed full of benefits, Bunny lives up to her tenacious breed standard and adores being a bog dog. Although Bunny's benefits do not come in the form of antioxidants, her good natured attitude makes for a great companion and quarantine buddy. With her nose constantly to the ground, we've begun deliberating on how to teach bunny to sniff out dodder and fruit rot in early stages. She certainly appears to be more then capable of finding early stage issues before they become a major issue. Bunny is known to find totally obscure items such as small articles dropped in the shop, out in the vines, electronic devices, and to steal food, maybe we could teach her to be an IPM-scout? Bunny's endurance is a perfect match for any cranberry grower, loving, loyal and endless energy. Bunny got a good taste as being a bog dog via planting and renovating her first bog this spring. We look forward to Bunny's first picking season and many more cranberry adventures!



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