

Kona Cooperative Extension – Events and Announcements Newsletter

Volume 12-2, December 2021

Dear Growers and Friends,

CLR Race Identified:

Hawaii's coffee leaf rust (CLR) has been identified by researchers in Portugal as rust **race XXIV (24)**. Data appears to show that this was a single introduction to the state. Ten samples (Kona 1, Kona 3, Kona 4, Maui 5, Maui 6, Maui 7, Maui 8, Maui 9 and Molokai 10) were characterized as race XXIV with the virulence genes v2,4,5.

This race can attack the following coffee selections or cultivars:

- Typica (SH5)
- Bourbon (SH5)
- Kents (SH2, SH5)
- Agaro (SH4, SH5)
- Cioiccie (SH4, SH5)
- Blue Mountain (SH2, SH5)
- Bourbon N.39, SL 14, SL 28 with the resistance gene SH5
- Catuaí (SH5)
- Caturra (SH5)
- K7 (SH2, SH5)
- Mundo Novo (SH5)
- Pacas (SH5)
- Padang (SH5)
- Villa Sarchi (SH5)

In the future, it is possible Hawaii's CLR race will gain virulence genes because of selection pressure in coffee farms. Race XXIV is very common in many coffee regions and researchers think that this rust was introduced to Hawaii as race XXIV (v2,4,5) and not as race II (v5) or race XV (V4,5) or race I (v2,5) with further evolution in virulence to v2,4,5.

According to an article abstract (<https://bit.ly/3mjekEE> - translated from Portugese) and summarized further for race XXIV:

...The "in vitro" [research] results showed the following behaviors of race XXIV:

- High spore germination, 1b) medium length of the germinative tube;
- Incubation period of less than 20 days on susceptible plants;
- Large areas of leaves pustuled (lesioned);
- High number of spores per square milimeter in the pustules (lesions); and
- High aggressiveness

Current and future plantings of resistant or tolerant coffee tree varieties should still be sprayed with approved fungicides to avoid creating more virulent strains of CLR. Here is a recently published paper that Dr. Lisa Keith (USDA-PBARC) found to illustrate this point - <https://bit.ly/3Fro6Ms>

Because of the 20-day incubation period of CLR race XXIV, spray applications with contact fungicides

should be conducted at least every 20 days or more frequently, to kill newly produced spores on lesions.

Thank you, Dr. Tracie Matsumoto (USDA-PBARC), for sharing news of Hawaii's rust race ID. Please share this information with other coffee producers.

-Andrea

Visit <https://www.hawaiicoffeeed.com/events-and-announcements> for additional information on the following events, announcements and more.

UH CTAHR Cooperative Extension Offices will be closed on the following days:

Friday, December 24th, in observance of Christmas

Friday, December 31st, in observance of New Years

Small Business Opportunities with the General Services Administration (GSA)

Have you ever considered selling your product or service to the biggest buyer in the world? The Federal Government? Learn about contracting opportunities, the process & resources available.

Pamela Smith-Cressel, Director, Office of Business Utilization – Pacific Region will discuss contracting opportunities, the process, & resources available.

- What does GSA do?
- Understand how the Federal Government makes their buying decisions
- Learn what GSA buys
- Learn how to sell to and through GSA
- Understand how to market to our agency
- Provide advocacy resources
- Identify GSA sources of support

Monday, December 20, 2021

12:00 noon - 1:30 pm HST

Online - link to be sent to registrants

To register visit <https://bit.ly/33MnSSo>

Go to www.sba.gov/hi and check out the Small Business Events section to register or find out about more events.

Starting an LGBTQ+ Business

Presented by: The Patsy T. Mink Center for Business & Leadership (MCBL)

Date: December 15, 2021, Wednesday, 9:00 a.m. – 10:30 a.m.

Registration/more information: Starting an LGBTQ+ Business - <https://bit.ly/328AkeS>

How to Start a Business in Hawaii

Presented by: Hawaii Small Business Development Center, Oahu Center)

Date: December 22, 2021, Wednesday, 10:00 a.m. – 12:00 noon

Registration/more information: How to Start a Business in Hawaii - <https://bit.ly/3ea8VeN>

Virtual Community Meeting - Provide Input on a New Department of Agriculture for the County of Maui

Mayor Michael Victorino announced that a virtual community meeting will be held to gather public input on the formation of the new Department of Agriculture in the County of Maui.

Wednesday, Dec. 22, 2021

5:30 to 7 p.m.

A brief presentation will be provided at the beginning of the meeting outlining the recommendations of the Agriculture Working Group. Following this presentation, the public is invited to provide feedback on the overall direction of the department, its organizational structure, and minimum qualifications for the Director and Deputy.

The meeting will be held via BlueJeans. To participate, go to <https://bluejeans.com/819902794?src=calendarLink>. Participants can also call in by dialing 1-408-915-6290 with a meeting ID of 819 902 794.

For those who are unable to attend the meeting but wish to provide input, please email Mayors.Office@mauicounty.gov with your recommendations.

In 2020, Maui County voters approved a Charter amendment to establish a Department of Agriculture in the County of Maui. The chapter for the new department is effective July 1, 2022. To see the Maui County Charter, go to <https://www.mauicounty.gov/DocumentCenter/View/126103/Charter-2021-Edition>.

Contact: Brian Perry, Communications Director of the Office of Mayor Michael Victorino; 808-270-8222

HCA: Living with Coffee Leaf Rust

Aloha HCA Members & Friends,

It has been over a year since Coffee Leaf Rust was discovered in Hawaii. Since then the HCA has been hosting multi-agency meetings with representatives from HDOA, PBARC, UH, HARC, legislators, researchers and industry stakeholders to collaborate on strategies for fighting and managing this disease.

Earlier this year we hosted a webinar that covered several topics relating to CLR, one of which was Living with Coffee Leaf Rust, presented by Emilio Lopez Diaz, an El Salvador based coffee producer. As we learn more about the disease and witness its effects, we feel that this particular presentation is more prescient than ever. Please take a moment to review it and share the link throughout your community. For more topics covered in this webinar, follow this link - <https://bit.ly/3ebHJMM>

- **Presentation Slides from Emilio's Talk - <https://bit.ly/3EjaFwJ>**

In an effort to continue spreading the awareness about the Coffee Leaf Rust (CLR), please review poster linked below, print on 8.5"x14" 2-sided paper and help distribute it among your community.

If you wish to learn more about the CLR, consider watching a recorded webinar, which covered short term strategies of dealing with this disease, as well as research, resources and regulations pertaining to this topic.

- **Coffee Leaf Rust Poster - <https://bit.ly/3qdfa79>**
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Apply for a Targeted EIDL Advance

The Small Business Administration (SBA) will accept applications for Targeted Economic Injury Disaster Loan (EIDL) Advances until **Dec. 31, 2021**:

- Eligible companies can receive up to \$10,000 that doesn't need to be repaid.
- Businesses must be in low-income communities, have no more than 300 employees, and have been significantly affected by the pandemic.
- A company must first apply for the SBA's COVID-19 EIDL. The business does not need to accept the loan or be approved for the loan to receive an advance.

A business can also apply for a \$5,000 Supplemental EIDL Advance by **Dec. 31, 2021** when:

- A company is in a low-income community and can demonstrate more than a 50% reduction in revenue since March 2020.
- The business has 10 or fewer employees.
- The supplemental advance doesn't need to be repaid.

Learn More - <https://bit.ly/3ea9cOR>

USDA FPAC Hawaii and Pacific Basin December Newsletter

View the full newsletter - <https://bit.ly/3Ejb5TP>

In this issue:

- NRCS PIA Programs Update
 - USDA Provides Additional Pandemic Assistance to Hog Producers
 - Progression Lending from FSA
 - USDA Builds Pandemic Support for Certified Organic and Transitioning Operations
 - Additional Application Cutoff Dates Announced
 - Dates to Remember
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Specialty Crop Program Newsletter - Dec 2021 // check it out -- a good recap of USDA AMS grants and commodity procurement processes

View the full newsletter - <https://bit.ly/3GWibuH>
In this issue:

- A Message to Our Industry Partners
 - AMS Grants Currently Open for Applications and Grants Recently Awarded
 - USDA Commodity Procurement Wants Your Business!
 - American Pecan Promotion Board (APPB) Is Now Receiving Assessments... Get the Details Here!
 - SCION (Specialty Crops Integrated Operating Network) is Here!
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Videos from the HFUU 2021 Virtual Convention

A Message from Hawaii Farmers Union United:

Thank you so much for joining us this past weekend for our annual convention! We are so pleased with our virtual convention and the content we provided. Please view the recorded sessions below via our Youtube channel and enjoy at your leisure.

<https://www.youtube.com/c/HawaiiFarmersUnionUnited/videos>

Mahalo,

Hawaii Farmers Union United
hfuu@hfuu.org

Videos Announcements from the USDA National Agricultural Statistics Service

Mailing this December - National Agricultural Classification Survey (NACS)

Some have already seen this but for those that haven't, please visit <https://bit.ly/3smyxxt> to view the News Release for the National Agricultural Classification Survey (NACS) that went out last week. The report was sent to ~2,900 potential Hawaii farmers/ranchers. Forms that meet the farm threshold (see definitions below) will be included in the 2022 Census of Agriculture.

- Farm definition: "USDA defines a farm as any place from which \$1,000 or more of agricultural products are produced and sold, or are normally sold, during the year."
- Report form: The 4 page form can be found here: https://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/NACS/nacs01_102121.pdf
- Farmers/Ranchers that currently do not receive our reports, can sign up here to be counted: <https://www.agcounts.usda.gov/static/get-counted.html>

Farm Producer Study

Mailing out to 75,000 producers nationwide on Dec. 20, the *Farm Producer Study* is a one-time test survey. The purpose of this expanded demographic study is to improve our understanding of the agricultural population and help the USDA better serve agricultural producers. Every response is vital. The deadline for response is Jan. 18, 2022. Depending on test results, the questions might be included in the 2027 Census of Agriculture. The survey will take no longer than 10 minutes. It can be completed online or by mail. As always, all information provided is confidential, protected by federal law. The results of the study will be posted on the NASS website as a research report in the Education and Outreach section in 2022. No official estimates will be published from this study.

Ag Census Content and New Respondent Portal Test

NASS is conducting another ag census content test in preparation for the 2022 Census of Agriculture. Mailing survey codes in two weeks to 15,000 producers nationwide, this survey is online only. It will test the expanded use of previously reported data (checking for continued accuracy; the hope is that using previously reported data will lessen respondent burden) AND NASS's new respondent portal for the very first time. The portal, developed over several months, will be a one-stop-shop for producers to respond to surveys, access reports of interest, reference previously completed surveys, get NASS news, and more. The deadline for response is Feb. 7, 2022.

Shawn Clark, State Statistician

USDA NASS - Pacific Region; Hawaii Field Office

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e-mail: shawn.clark@usda.gov

The Kohala Center's Newsletter

In this issue:

- U.S. Small Business Administration accepting applications for Economic Injury Disaster Loan advances
- Financial assistance for certified organic and transitional operations
- Participate in the next Mahi'ai Match-Up business plan competition
- Report damage from the recent Kona Low weather event
- Food Supply Chain Guaranteed Loan Program
- and more...

Hawaii Receives \$4.9 million in USDA Funding for Supply Chain Assistance for Schools

Agriculture Secretary Tom Vilsack announced that the Biden-Harris Administration is providing up to \$1.5 billion to states and school districts to help school meal program operators deal with the challenges of supply chain disruptions brought on by the pandemic. As the administration continues to work towards Building a Better America by investing in our communities, the funding announced today will help to provide our nation's children with the nutritious foods they need to thrive.

Some of the funded programs creates demand for locally grown produce such as Agricultural Marketing Service Local Food for Schools Cooperative Agreement Program. Under this program, the USDA will award up to \$200 million to states for food assistance purchases of domestic local foods for distribution to schools. To view the breakdown of funding per state visit <https://bit.ly/3Ejbdnp>
