

## **Kona Cooperative Extension – Events and Announcements Newsletter**

Volume 8-2, August 2021

Dear Growers and Friends,

Coffee leaf rust (CLR) has been found on all major Hawaiian Islands from Kauai to the Big Island. But, as far as I understand, CLR has still not been found on farms in Kau, Puna, Hilo, Hamakua (except a site in Paauilo), Kohala, and on select farms in Kona and on other islands. Please be aware that while wind is the primary carrier of rust spores, human-aided movement of CLR is also very real, especially during the harvest season.

### **Disinfestation and sanitation:**

Prevent the spread of CLR within the farm and between farms. Below are CLR sanitation protocols adapted from recommendations released by USDA ARS PBARC on November 24, 2020

- Use wipes or spray bottles containing at least 70% alcohol or a freshly prepared 10% solution of chlorine bleach and water to decontaminate and kill CLR spores.
  - Bleach can corrode metal so oil afterwards. Do not use bleach on skin or around sensitive areas (eyes, skin, respiratory system, etc.) of the body. Do not ingest.
  - Label spray bottles with a permanent marker. Examples of labeling include “70% Isopropyl Alcohol – Flammable; Do not consume” and “10% Chlorine Bleach – Danger; Do not consume”.
  - Store alcohol and chlorine bleach solutions in closed containers so they don’t spill or dissipate. Dissipation of alcohol and chlorine can occur from an open container which could reduce the effectiveness of the disinfectant.
  - Take disinfectants with you and store them in all field transportation vehicles including but not limited to cars, trucks, carts and all-terrain vehicles for use.
- Before and after visiting any coffee sites, clean and disinfect your hands, gloves, hat, shoes, tools, supplies, equipment, and vehicle, and/or change into clean clothing and footwear.
  - Clean shoes and boots with a brush to remove debris and spray with a disinfectant upon exiting a farm. A sanitizing footbath/mat with disinfectant can also be used. Sanitize the brush.
- Reduce the spread from tree to tree by decontaminating your hands, gloves, tools and any clothing or footwear that may have come in contact with CLR spores.
- Park vehicles outside of the property and away from coffee trees.
  - Thoroughly clean and sanitize vehicles used in and around coffee. Send the vehicle through a car wash or power wash the vehicle on gravel, near a drain, and away from coffee trees.
- If using coveralls, put on disposable or clean coveralls upon arrival to the farm. Prior to leaving the farm, remove the coverall and place it in a plastic bag or bucket and seal. Then, disinfect your hands with alcohol and footwear with the alcohol or bleach solution. Disposable coveralls should be sanitized before disposal.
- Machine wash field-worn clothing with detergent and hot water and dry under high heat.



### **Spraying before harvest:**

Spraying with an approved CLR fungicide before harvest can help reduce the number of live CLR spores

in the field as well as its subsequent spread, by killing the rust spores on contact. Follow all pesticide label directions, including the Re-entry Interval (REI), which states the number of hours or days after a (organic or non-organic) pesticide application that workers and other people must remain out of the sprayed field. REI information is usually found on the label under "Agricultural Use Requirements".

-Andrea

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

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**UH CTAHR Cooperative Extension Offices will be closed on the following days:**  
Friday, August 20th, in observance of Statehood Day

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### **Tree Health and Care with Yuri Zhuraw**

Saturday, August 21st, 9:00 am - 11:00 am

The Demonstration Orchard at Hāmākua Harvest on the corner of Māmalahoa Highway and Māmae Street in Honoka'a

Zoom - Register to get the address

\$10 helps us continue to offer classes like these

Many factors can affect a tree's health and ability to produce fruit. From insect pests and diseases, wrong fertilizer or just needing a good trim. Take a walk with us as we identify and diagnose the health of trees.

Whether you've planted a new orchard and are noticing discolored leaves or caring for older trees that are dropping their fruits before they mature, there is so much to learn about tree health and it all starts with identifying the problem. Take a walk through the Demonstration Orchard at Hāmākua Harvest as we evaluate and diagnose some of the over 100 trees planted.

As the years go by more and more introduced diseases and pests are added to the list that tree growers in Hawai'i need to be aware of. It's important to know the signs so you can nip it in the bud (as they say) before it becomes a larger issue. We will be identifying some sick trees and creating rehabilitation regiments, as well as observing healthy trees and talking about how and why they are doing better than others. Many factors contribute to the overall health of trees, get to know your trees better, and make sure they are healthy. Healthy trees = Healthy you!!!

Who is Yuri Zhuraw?

Yuri has been farming on The Big Island since 2007 on farms all up and down The Hāmākua Coast. Growing everything from bamboo to 'ulu and just about anything in between.

He really started getting his hands dirty interning on "Ginger" John Caverly's, 30 acre, multi-crop farm before studying at UH College of Agriculture and graduating in 2014. Since then he has been working his way up the coast where he now has a farm of his own in Pa'auilo.

Yuri is a wealth of knowledge when it comes to tropical agriculture, he is familiar with both homesteader and businessman aspects of #farmlife with extensive experience specific to Hāmākua.

If you would like to sign up for this class please follow this link to pay - <https://bit.ly/3CmoFGD>

If you've never signed up for a class with us before please send an email with your name to [mallionhamakuaharvest@gmail.com](mailto:mallionhamakuaharvest@gmail.com) so we can connect the payment to you for future emails and class links.

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### **0901 Virtual Invasive Pest Mini-Conference (Sep 1, 2021 @ 9:30 am HST)**

Aloha!!!

Just an update on the agenda of the upcoming mini-conference. The talk on invasive aquatic weeds is postponed. Instead, Shannon Wilson, Department of PEPS, UH will be talking about a pasture pest, Two-lined Spittlebug, now spreading rapidly and causing lots of problems in Kona. Title - Biology and Pest Status of the Two-lined Spittlebug, *Prosapia bicincta*, in Kona.

**Don't forget to register - <https://bit.ly/3C8kez3>**

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### **Hawaii Tropical Fruit Growers Conference**

"Mango Makers and Food Preservers" is the title of the 31st Hawaii International Tropical Fruit Conference October 8-9 at the Maui County Business Resource Center. The 2021 conference will be both in-person and virtual and continue with mini-sessions and tours in Molokai, Oahu, Kauai, Hilo and Kona October 10-14.

Registration forms and fee schedule are available at [www.HTFG.org](http://www.HTFG.org) or by contacting Ken Love at [kenlove@hawaiiantel.net](mailto:kenlove@hawaiiantel.net) or Mark Suiso at [mark.suiso@gmail.com](mailto:mark.suiso@gmail.com).

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### **STATEWIDE: USDA Hosts Roundtable on Food Waste Solutions in the U.S. and Abroad**

The U.S. Department of Agriculture (USDA) will host a virtual roundtable on September 15 (11 a.m. - 12:30 p.m. EDT) titled Exploring Food Waste Solutions: Success Stories from the U.S. and Beyond, to showcase innovative policies and approaches to reducing food waste in the United States, Europe, and the United Kingdom.

"Food loss and waste reduction is an international priority - the United Nations has set a goal to cut food waste in half by 2030 as well as reduce food loss earlier in the supply chain," said USDA Food Loss and Waste Liaison Jean Buzby. "The United States also has a national goal to reduce food loss and waste by 2030. It's important to share the work of the people and organizations who are making this goal a reality in their communities."

The roundtable will feature public and private leaders in the food waste prevention sector followed by a Q&A session.

Speakers include:

- Jean Buzby, USDA Food Loss and Waste Liaison

- Emily Broad Leib, Harvard Food Law and Policy Clinic, will serve as moderator
- Josh Kelly, Vermont State Waste Management and Prevention Division, will discuss the state's Universal Recycling Law and consumer food waste education efforts
- Todd Lawrence of the San Diego Food System Alliance will highlight an online social competition that has engaged residents in food waste tracking challenges and reduced household-level waste by 38 percent
- Wayne Hubbard, Chief Executive Officer of ReLondon, will share the success of London's partnership to improve waste and resource management and accelerate their transition to a low-carbon city.
- Filippo Gavazzeni, Milan Urban Food Policy Pact Secretariat, Milan Municipality, will review the consortium's holistic approach to addressing systematic issues within the food supply chains, including addressing food loss and waste.

Registration is free but required to attend this event. **Register online - <https://bit.ly/3gfpq39>**  
 The roundtable will be recorded and will be available on the USDA website after the event.

The roundtable is hosted by USDA with participation from interagency food loss and waste partners, the U.S. Environmental Protection Agency (EPA) and the U.S. Food and Drug Administration (FDA). The event is among the individual and collective efforts of USDA, EPA and FDA to work towards the national goal of reducing food loss and waste by 50 percent by 2030. Learn more about USDA, EPA, and FDA programs and resources to reduce food loss and waste.

USDA touches the lives of all Americans each day in so many positive ways. In the Biden-Harris Administration, USDA is transforming America's food system with a greater focus on more resilient local and regional food production, fairer markets for all producers, ensuring access to safe, healthy and nutritious food in all communities, building new markets and streams of income for farmers and producers using climate smart food and forestry practices, making historic investments in infrastructure and clean energy capabilities in rural America, and committing to equity across the Department by removing systemic barriers and building a workforce more representative of America. To learn more, visit [www.usda.gov](http://www.usda.gov)

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### **August HMNA meeting**

The August HMNA meeting will be held tomorrow, Tuesday, August 17th via ZOOM online meeting. Meeting begins at 10:30 am.

Meetings will be held on the Third Tuesday, until Nov. 16, 2021:

- Aug. 17, 2021 @ 10:30 am
- Sep. 21, 2021 @ 10:30 am
- Oct. 19, 2021 @ 10:30 am
- Nov. 16, 2021 @ 10:30 am

View the agenda - <https://bit.ly/3kmtY0z>

View the minutes from the 6/15 meeting - <https://bit.ly/3CSDAZj>

Join Zoom Meeting - <https://bit.ly/3yUenv3>

Meeting ID: 826 9209 9536

Passcode: 709782

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### **Hawaii Avocado Association Avocado Lace Bug Survey**

Aloha HAA members, supporters and friends. The HAA is trying to gather more data about the spread and extent of the avocado lace bug in Hawaii. If you grow avocado, please help us by completing this short survey. Once compiled, we plan to use these data to request assistance from the HDOA, CTAHR, and possibly other organizations, with combating this new pest.

To complete the survey visit - <https://bit.ly/3B7gixd>

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### **Hawaii Horticulture Press Release #2**

HONOLULU, HI - August 6, 2021 - Hawaii producers still have time to respond to their Horticulture Survey, according to the U.S. Department of Agriculture's (USDA) National Agricultural Statistics Service (NASS). NASS will continue to accept responses through mid-October.

The Horticulture survey is being conducted in cooperation with the Hawaii Department of Agriculture for crop year 2020 production. Over 800 Hawaii producers will be asked to provide information on production area, sales of horticulture and nursery commodities, food crops grown under cover, and the number of agricultural workers on their operation.

Continue reading - <https://bit.ly/3k4Na2w>

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### **Hawaii Coffee Association - August Newsletter**

Aloha HCA Members & Friends,

It's been an eventful summer for our industry and we would like to share with you a few updates and resources that might be useful to you.

We would like to remind you that we regularly share coffee related news, updates and resources on our website (<https://bit.ly/2WaszBO>). Recently we added a dedicated Coffee Leaf Rust page (<https://bit.ly/2Wa2wuB>) to help you navigate through this topic with ease. We recommend adding these pages to your bookmarks, so you can check them regularly.

Our Coffee Marketplace (<https://bit.ly/3iYnLZa>) is now live and our social-media campaign is driving potential customers to it from several West Coast cities. We are also testing responses from Dallas, Atlanta, Boston and New York. If you'd like to add your company, please complete this form (<https://bit.ly/3z3dikD>).

HCA hosted a virtual conference in June and we had a very positive response from our attendees on

topics we covered in this event. We have posted presentation recordings and slides on our website and you may see them here - <https://bit.ly/2UwCBg0>

Governor Ige has signed SB855 SD1 HD1 CD1 (<https://bit.ly/2W0tiFY>) into law as Act 138 earlier this summer. See his message here for more information - <https://bit.ly/3AXN4Rf>

The HCA wishes to thank all the legislators, staff and testifiers who supported the measure. Mahalo nui loa to Senator Kanuha for introducing the bill and seeing it cross the finish line. We send another special mahalo to Hawaii's Department of Agriculture for their unwavering support.

Coffee Farmers: If you had purchases for Coffee Leaf Rust pesticides on the HDOA-approved list from 7/1/20-6/30/21, they will be eligible for 50% reimbursement in addition to your BotaniGard/Mycotrol receipts. The program is still being set up, so hold off a few months to apply. If you don't yet have CLR, but have CBB pesticide receipts from this time frame, start your application here (<https://bit.ly/3k9SSjT>). For eligible receipts, farmers can receive up to \$600 per acre with a cap of \$6,000 per farm business for both CBB and CLR pesticides, with a \$12,000 max. For further questions, contact Melanie Bondera, CBB-CLR Pesticide Subsidy Program Coordinator [hdoa.cbb@hawaii.gov](mailto:hdoa.cbb@hawaii.gov) or 808-328-7578.

Message from University of Hawaii CTAHR:  
UH Covid-19 Agriculture Needs Assessment Follow-up 2021

The past year has brought significant changes to daily life around the world and to the agriculture industry in Hawai'i. Fluctuating prices, changes in market strategies, supply chain disruptions, and others have contributed to making the sustainability of the Ag sector more challenging.

To address these challenges, a short needs assessment was circulated in April 2020. At that time, it was not clear how long the COVID-19 pandemic would last. We are conducting this follow-up survey to understand the impacts of the pandemic over the past year. This evaluation also focuses on the immediate needs of producers across the state of Hawai'i in order to inform extension agents and CTAHR administration how we may best focus our work to meet current challenges.

The survey should take approximately 10 minutes to complete. Your participation in this project is completely voluntary. You may stop participating at any time if you wish. We believe there is little to no risk involved in participating in this evaluation. Please complete the Survey Here - <https://bit.ly/37S5dDB>

Stay well,

Christopher A. Manfredi  
President  
Hawaii Coffee Association  
[president@hawaiicoffeeassociation.org](mailto:president@hawaiicoffeeassociation.org)

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**THE KOHALA CENTER: Agricultural Resource Bulletin: August 5, 2021**

To view the full newsletter visit <https://bit.ly/3mf05Qy>

In this issue:

- Two-Lined Spittlebug (TLSB) video
- COVID-19 information
  - Pandemic assistance available to livestock producers for animal losses
  - Maui County Farm Bureau Farm Product Purchase Program
  - Submit public comment on meat and poultry processing
- Opportunities
  - Grant funding available for agencies serving socially disadvantaged and veteran agricultural producers
  - Enrollment open for the Reimbursement Transportation Cost Payment Program (RTCP)
  - Coffee berry borer (CBB) subsidy program reminder
  - Save money and energy with Hawai'i Energy Advantage
  - Apply for a HiSTEP company assistance award
  - OFRF accepting letters of intent for research grants
  - Save the date for Hawai'i's AG2022 Conference
  - Orchard operations manager position available with Kauai Coffee
- Events
  - Community Policing Meeting to Address Agricultural Theft
  - AgCurious
  - GoFarm Hawai'i Island Field Day
  - Military Veteran Farmer Support Services & Financial Opportunities Webinar
  - Practical Agriculture for Hāmākua: Tree Health & Care
  - Online FSMA Preventive Controls for Human Food
  - Mango Makers and Food Preservers: 31st Hawai'i International Tropical Fruit Conference
- Production News
  - Cooperative business models flourish in Hawai'i
  - Updates from the Cooperative Extension Service on Hawai'i Island
  - Hawai'i Department of Education commits to purchase more local food

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### **O'ahu RC&D News & Updates**

To view current & archived O'ahu RC&D Newsletters visit <https://bit.ly/3iXX3Qn>

In this issue:

- Hawai'i Women Farmers Network Has Kicked-off Their First Cohort Training Program!
- The U.S. Department of Agriculture's NASS & Hawai'i Department of Agriculture Assess Agricultural Producers' Interest in Commercial Production Expansion - <https://bit.ly/3yZ1WOp>
- City & Council of Honolulu Agricultural Dedications Due September 1st
  - Annual Report for Agricultural Dedication fillable form - <https://bit.ly/3CWAAuN>
  - Want to petition your land for agricultural dedication? - <https://bit.ly/3z5YMJ6>
  - Unsure of when your Agricultural Dedication expires? - <https://bit.ly/3xU1VKI>
- Reimbursement Transportation Cost Payment Program is Now Open for 2021 Enrollment!
  - RTCP Application Form - <https://bit.ly/2XDyekt>

- Average Adjusted Gross Income Certification - <https://bit.ly/3mfwM24>
    - RTCP Overview/FAQS - <https://bit.ly/3CY0QFd>
  - It's Time to Check Your Trees!
    - Learn more from the DOA here - <https://bit.ly/3ggSNtg>
  - Exciting Opportunities!
    - Beginning Farmer Training Program Now Accepting Cohort Members!
      - <https://bit.ly/3gehnek>
    - Windward Zero Waste School Hui is Looking for a Resource Recovery Specialist
      - <https://bit.ly/37UVAEc>
    - Hawai'i Community Assets (HCA) Launches Program to Provide Financial Assistance to Native Hawaiian Farmworkers
      - <https://bit.ly/3mcY8Wi>
  - Upcoming Events
    - Women's Farmer's Network to Have Second Cohort Meeting - <https://bit.ly/3iWk2el>
  - Access to Local Food & Produce
    - Support Hawai'i Agriculture - <https://bit.ly/3y3bMxA>
  - Updated O'ahu Soil Water Conservation District Meeting Schedule
    - South O'ahu SWCD Meeting - Cancelled
    - Windward O'ahu SWCD Meeting
      - August 19th, 2021 - 6:00 pm
      - Zoom Meeting ID: 918 2975 7190
      - Passcode: windward
    - West O'ahu SWCD Meeting
      - August 24th, 2021 - 12:30 pm
      - Zoom Meeting ID: 873 6814 0121
      - Passcode: 805304
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