

Kona Cooperative Extension – Events and Announcements Newsletter

Volume 9-2, September 2022

Dear Growers and Friends,

Do NOT Tank Mix ProBlad Verde with BotaniGard or Mycotrol Products

Researchers at Certis Biological conducted a compatibility test to determine if *Beauveria bassiana* strain GHA (the active ingredient of BotaniGard and Mycotrol products) could be tank mixed with ProBlad Verde, a translaminar fungicide approved for use on coffee for coffee leaf rust (CLR) management. According to their testing, ***B. bassiana* viability was reduced by 84%**, indicating that these products are **NOT compatible**. If using these products for the control of coffee berry borer (CBB) and CLR, apply each separately.

When sprayed directly onto CBB (<https://bit.ly/3RhfxzA>), live *B. bassiana* spores adhere to the beetle's cuticle or exoskeleton, germinate within 6–9 hours, and penetrate the cuticle within about 24 hours. ProBlad Verde (<https://bit.ly/3Szs2t>) fungicide works on contact and via leaf tissue absorption and translaminar properties. It is driven by multiple-site modes of action to control fungal diseases within 8 hours of contact.

Hence, and until field research can determine the optimal order and timing of application of each product, consider applying BotaniGard or Mycotrol products at least 24 hours PRIOR to an application of ProBlad Verde OR applying ProBlad Verde at least 8 hours PRIOR to application of a BotaniGard or Mycotrol product.

Spraying for CLR

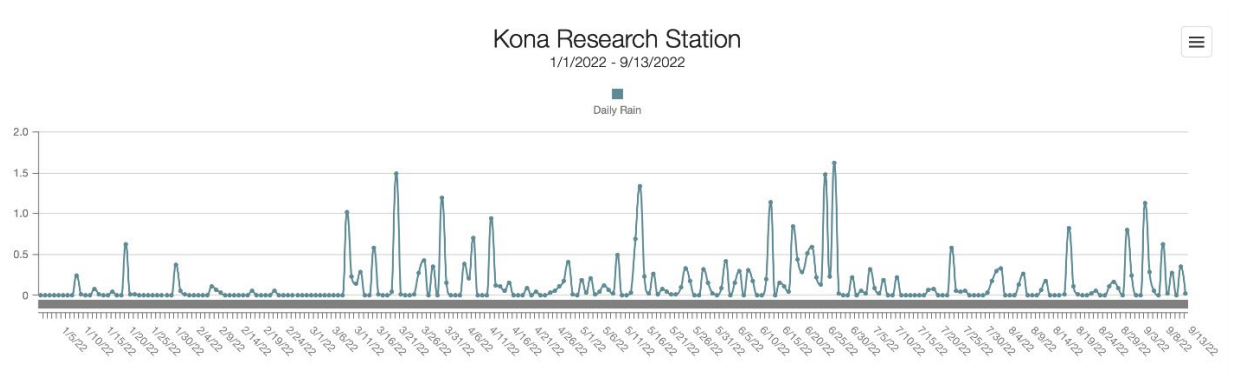
As the rains continue in your area, keep on top of your CLR management. Remember that CLR spores need free-water to germinate and then infect coffee leaves, so spray to kill CLR spores before they are able to germinate and cause infection. Once infection occurs, none of the current contact or translaminar fungicides will kill the lesions/spots and so they will continue to produce additional spores. Don't forget to apply for the HDOA Pesticide Subsidy Program (<https://bit.ly/3fb806m>) to get 50% off the cost of approved BotaniGard, Mycotrol, and CLR fungicide products.

Coffee Fertility and Tree Health

Fruit maturity and harvest in addition to the effects of defoliation caused by CLR can be stressful for coffee trees. During cherry development, coffee requires greater nitrogen and potassium needs (and especially with higher production) to carry its berries through full maturation and proper ripening. Consider using this opportunity while it's still raining, to feed trees that have a heavier load of coffee, and those that have yellowing leaves. Foliar fertilization can also be helpful to get needed nutrients into the leaves quickly. As tree growth slows during the winter, these added nutrients will also help trees recover from the harvest and give coffee trees energy to regrow after pruning. If you aren't sure what nutrients your trees need, submit a leaf and soil sample (<https://bit.ly/3RhZNe3>).

Floater Coffee Parchment

Communication with growers indicate a higher (than normal) amount of floater (under-developed bean/seed) parchment in the recent harvest(s). This is likely due to the dry weather we received this winter/early spring when young berries were developing.



Pulping of the last two harvests of our grafted Typica and ungrafted Typica at the Kona Research Station, indicates that our ungrafted, seedling trees had 2.4 to 5.5 times more floater parchment than Typica trees grafted onto *Coffea liberica* rootstock. These trees are about 3 years old, within about 175 feet of each other, unirrigated, and the floaters mentioned do not include CBB-damaged parchment.

For future thought, planting grafted trees and providing irrigation during young berry development may help mitigate the impacts of drought.

Coffee Crop Insurance Can Cover Losses Due to CLR and Adverse Weather (i.e. drought)

Join us to learn more during two live Q&A sessions with crop insurance agents, the USDA Risk Management Agency, and Rural Community Insurance Services (<https://bit.ly/3LKvW7X>). View their pre-recorded PowerPoint presentations (<https://bit.ly/3LL7H9K>) beforehand or just prior to the Q&A sessions on Nov. 17th and Dec. 1st. View the event flyers below.

-Andrea

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

Hawaii Tropical Fruit Growers 32nd Annual Conference – Kona (Registration is Open!)

Royal Kona Resort

Kona, Hawaii

November 4th, 5th, 6th

Register online @ [HTFG.org](https://www.htfg.org)

FREE Pesticide Calculations Course 9/29/22 – CEUs available

Aloha,

Please attend this exciting course to learn about pesticide label calculations and dilution rates.

Course: Pesticide Calculations Course

Instructor: Allison Wright

Date: Thursday, September 29

Time: 3-4 pm

Location: UHMC CSB or online via Zoom

Approved for 1.0 HDOA CEUs and eligible for 1.0 ISA CEU

To register visit - <https://bit.ly/3Uy6tCD>

FREE Banana Bunchy Top Virus Testing of Banana Trees (Hawaii County only)

Cooperative Extension received a grant for equipment to detect the presence of the Banana Bunchy Top Virus (BBTV) in samples of banana plants. The grant was approved by the County of Hawaii to lease a fluorometer to detect the presence of BBTV in samples of banana leaves, to support homeowners and commercial growers through this grant.

During Summer 2022, homeowners in the County of Hawaii can submit one sample for testing at no cost, while supplies last. Commercial growers in the County of Hawaii can submit up to two samples at no cost, while supplies last. For more information email adschilo@hawaii.edu

Alternatively, samples for plant disease testing cost \$12 through ADSC.

Hawaii Chocolate & Cacao Association (HCCA) 2022 Conference on Hawaii Island - Saturday/Sunday, November 12th & 13th

The HCCA 2022 Conference will be held in Hilo and Pepeekeo November 11-13.
Link to the conference and registration – website: <https://bit.ly/3UIctKm>

The agenda is posted on the HCCA website - <https://bit.ly/3yoNU9H>

OAHU - HONOLULU C&C: (9/9) Grants for Oahu farmers, ranchers and growers, and webinar on EmPower energy saving grant

Monday: City to Launch \$3 Million in Grants for O'ahu Farmers and Ranchers

- Honolulu Mayor Rick Blangiardi announced today that the City and County of Honolulu is launching a \$3 million Agriculture Grants program on Monday.
- Applications will be available from September 12 at noon to October 20, 2022 at 10 a.m. at oahuaggrants.org, giving Oahu's small farmers, ranchers, and growers six weeks to apply.
- Sixty grants, each worth \$50,000 will be awarded.
- To ensure broad access to the application process, the Pacific Gateway Center will provide translated applications in eight languages, thanks to support from Ulupono Initiative.
- To learn more visit - <https://bit.ly/3Sc9zKG>

Tuesday: Learn More about the Energy Saving EmPower Grant

- The new EmPower grant can reimburse small businesses and nonprofits up to \$5,000 for energy-efficient projects.
 - Chester Carson from Hawaii Energy will share details about how to qualify and apply for the grant.
 - **Join us on Tuesday, September 13 at 10 a.m.** for this webinar. It will be live streamed on our Facebook page: [facebook.com/oer.honolulu](https://www.facebook.com/oer.honolulu). No Facebook account is needed to watch and it will be recorded to view later.
 - To request language support, contact bce@honolulu.gov or (808) 768-2489 (CITY).
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Small Business Credit Survey

Small business leaders and owners, this is an opportunity for you.

The Federal Reserve has begun collecting responses to this year's Small Business Credit Survey. As an official survey partner, we're trying to reach for-profit businesses currently in operation, those recently closed, and those about to launch so they can take this annual 10-minute survey. By taking the survey, business owners and business leaders contribute to data that directly informs the Fed, services providers, and others- ultimately benefiting their business. The survey closes November 4, 2022.

We're proud to elevate the voices of US small businesses. Help us by taking the survey or sharing this unique opportunity with others today:

Take the survey - <https://bit.ly/3UmhDKM>

2022 Ready-to-Grow Ag Projects Survey

Since 2020, AgHui survey responses helped connect agricultural projects across the state with over \$2MM from public, private, and philanthropic funding partners,

In preparation for the 2023 legislative session and ongoing community-based efforts to align available capital with food system goals and shovel-ready projects, we are collecting updated information about proposed ag projects. This survey should take 5-10 minutes to complete.

Please note that this information will be made available to relevant stakeholders and policy makers and published on our dashboard (aghui.org/dashboard). If you have questions about the survey or process please contact AgHui at aghuihawaii@gmail.com. Mahalo for your time and input!

<https://bit.ly/3Sdd8Ri>

Farm bill 2023

Aloha Agribusiness and Related Stakeholders:

As you know, Congress will be kicking off full consideration of the 2023 farm bill at the start of the 118th Congress. During the current 117th Congress, the House has held weekly meetings (<https://bit.ly/3C5GU4L>) to discuss and hear testimony on farm bill provisions.

The House Agriculture Committee is seeking direct input from producers, stakeholders, and consumers on how various farm bill programs are working for them. Should you want to provide remarks directly to the Committee, please visit - <https://bit.ly/3BDMZUB>

In addition, information on the 2023 farm bill can be viewed on many stakeholder websites. National Sustainable Agriculture Coalition summary is ABC digestible. <https://bit.ly/3r3huhT>

Additionally, attached is a Congressional Research Service (CRS) Farm Bill Primer report. The CRS report provides a general overview of the farm bill - <https://bit.ly/3fiWscJ>

Finally, I'd be happy to schedule video calls with you and/or your organization to answer questions and receive feedback.

Dave
703-304-9209
202-407-3649

Dave K. Chun
Senior Policy Advisor
Congressman Kaiiali'i Kahele (HI-02)
1205 Longworth House Office Building | 202-225-4906

New from Benefits.gov: FEMA COVID-19 Funeral Assistance & More

Do I Qualify?

You may qualify for FEMA COVID-19 Funeral Assistance (<https://bit.ly/3dHsLS3>) if:

- You are a U.S. citizen, non-citizen national, or qualified non-citizen.
- The death occurred in the United States, including U.S. territories and the District of Columbia.
- The death was attributed to COVID-19.
- You are responsible for the eligible funeral expenses incurred on or after January 20, 2020.

What is Covered?

If determined eligible, you may receive up to \$9,000 per deceased individual whose funeral costs you were responsible for. If you incurred funeral costs for multiple deceased individuals per state, U.S. territory, or the District of Columbia, you may be eligible for a maximum of \$35,500 per application. Some expenses that may be eligible for COVID-19 Funeral Assistance include:

- Funeral services
- Cremation
- Interment
- Costs associated with producing death certificates

- Costs due to local or state government laws or ordinances
- Transportation for up to two people to identify the person who died
- Transfer of remains
- Casket or urn
- Burial plot
- Marker or headstone
- Clergy
- Funeral ceremony
- Funeral home equipment or staff

What is required?

Click the link under “Do I Qualify?”

What You Need to Know About FEMA COVID-19 Funeral Assistance - <https://bit.ly/3fghHeR>

Editor's Picks

- Benefits for Workers - <https://bit.ly/3fiWh13>
- Be Prepared This Hurricane Season - <https://bit.ly/3Bz5d9G>

USDA Seeks Input on New Grant Program to Strengthen Food Supply Chain, Reduce Irregular Migration, and Improve Labor Protections for Farmworkers // September 28-29 - one day for employers and the other for labor unions/farmworkers

WASHINGTON, September 21, 2022 – The U.S. Department of Agriculture (USDA) is gathering input to help shape a recently announced planned grant program focused on improving the resiliency of our food and agricultural supply chain by addressing labor shortages in agriculture, reducing irregular migration through increased use of legal pathways, and improving labor protections for farmworkers. USDA’s Farm Service Agency (FSA) will hold three virtual listening sessions on Sept. 28-29 for the new farm labor stabilization and protection pilot grant program, which the Biden-Harris administration announced earlier this year as part of the Los Angeles Declaration on Migration and Protection.

The grant program will use up to \$65 million in American Rescue Plan Act funding to provide support for agricultural employers in implementing robust labor standards to promote a safe, healthy work environment for both U.S. workers and workers hired from northern Central American countries under the seasonal H-2A visa program.

Continue reading - <https://bit.ly/3f4EuKE>

Hawaii Food Manufacturers Association: Updates from HFMA - September 21, 2022

In this issue:

- General Membership Meeting - Hawaii Island - Kona

- Thursday, October 11, 2022
 - Reconnecting, networking and manufacturing in today's market. Get HFMA updates and a quick overview of the HFMA Export Series with Neil Arakaki
 - \$10 fee to cover lunch, provided by Palamanui (Hawaii Community College)
 - Register here - <https://bit.ly/3dBQKCe>
- Online FSMA Preventive Control For Human Food
 - October 17-21, 2022 | 8:30 am - 12:30 pm
 - Format: Virtual - Online Instructor-Led, Web-based Live
 - Cost: \$650 (*ETF Training subsidies are available contact innovatehawaii@htdc.org)
- Preparing for the Return of Visitors from Japan & Candy Making with Menehune Mac
 - *This event is limited to HFMA and Mana Up members only*
 - Register here - <https://bit.ly/3C6eF6c>

- The Chamber of Commerce Hawaii had their Manufacturing Cohort Kick-Off at Aiea High School on September 15 with Hawaiian Chip Company as a guest speaker. The Chamber works in partnership with the Hawaii Technology Development Corporation (HTDC) to provide free Certified Manufacturing Associate Certifications (CMfgA) for high school students. During the Kick-Off, the students learned about the challenges and opportunities in the manufacturing industry, as well as information on how their certification can benefit them in the future. The students will be engaged in several guest speakers and onsite field trips by manufacturing employers throughout the semester. The Chamber thanks Hawaiian Chip Company as well as HTDC for a great Manufacturing Kick-Off!
- Pacific Tech 2022 Conference
 - October 24-26 - Hawaii Convention Center
 - After a lengthy hiatus, the in-person HSBIR Conference is returning as Pacific Tech 2022, bringing together Pacific region tech and engineering solution providers together with government customers, investors, prime contractors, federal SBIR/STTR program representatives, and other supporting agencies. This year's conference will take place from October 24-26 in Honolulu, Hawaii at the Hawaii Convention Center.
- Growing Cacao to Making Chocolate in Hawaii
 - This year's conference is packed with workshops, demonstrations, dynamic speakers, farm tours and of course lots of CHOCOLATE!
 - For the full itinerary of the conference events and speakers please visit:
 - www.hawaiiichocolate.org
- Celebrating 50 episodes - Voice of Business Podcast
 - Next week, the Voice of Business Podcast will be celebrating 50 episodes. Over the past year and a half the Chamber has featured some of the brightest minds in Hawaii business talking on topics from corporate philanthropy to workforce development and everything in between.
 - Listen to all Podcast Episodes here - <https://bit.ly/3DOSTVC>

The Kohala Center: Agricultural Resources Bulletin: September 15, 2022

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

In this issue:

- Opportunities
 - The Kohala Center is hiring mahi'āina specialists
 - Add your funding requests to AgHui's Ready-to-Grow project dashboard
 - \$5000 grants available for home gardeners and small-scale farmers
 - \$3 million in agricultural grants opens for those affected by COVID-19
 - \$10,000 scholarships available to study food systems and sustainability at University of Hawai'i West O'ahu
 - Mālama Kaua'i is hiring a food hub manager
 - Hawai'i Small Business Development Center is hiring a senior business advisor
- Events
 - Food Insecurity in Hawai'i
 - 11th Annual Hawai'i Small Business fair
 - How to write a business plan
 - 2022 Hawai'i Agriculture conference
 - Hawai'i Island: Equipment efficiency workshop
 - GoFarm Hawai'i AgCurious webinar (for North Shore O'ahu)
 - Pacific Tech 2022 conference
 - 32nd Annual Hawaii Tropical Fruit Growers conference
- Production News
 - USDA opens People's Garden Initiative to gardens nationwide

USDA FPAC Hawaii and Pacific Basin September Newsletter

To view the full newsletter visit - <https://bit.ly/3dt9iV6>

In this issue:

- USDA Accepting Applications to Help Cover Costs of Organic, Transitioning Producers
- Biden-Harris Administration Announces Historic Investment in Partnerships for 70 Climate-Smart Commodities and Rural Projects
- USDA Announces New Opportunities to Improve Nutrient Management
- Ask the Expert: A Farm Operating Loan Q&A with Jack Carlile
- Apply for the Conservation Innovation Grants Classic Program by October 11th
- USDA Electronic Communication Options for Producers
- Honolulu County FSA Office is Hiring
- September Interest Rates
- Dates to Remember

September News from Western SARE

View the full newsletter - <https://bit.ly/3UE4UDA>

In this issue:

- Cheatgrass-eating Sheep
 - Grant News
 - Graduate Student R&E Call for Proposals
 - Upcoming Proposal Deadlines
 - Funding for Producers to Attend Conferences
 - Grantwriting Tutorials and Webinars
 - 2022 Graduate Student Projects Funded
 - News Round-Up
 - Heritage Grains
 - 2022 Pioneer Award
 - Seeking Reviewers
 - Guide for Hawaii Growers
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