

## June 2018 – Events and Announcements

Dear Growers and Friends,

### **Coffee**

Continue to monitor CBB activity and spray when needed. During this time of year, nitrogen and potassium are drawn from the leaves and plant system to feed the berries. You may be noticing a general yellowing of the coffee leaves and perhaps browning of the leaf margin and tip. A leaf sample can help pin point what nutrients are lacking in the leaves. Fertilize with rain or irrigation, or as a foliar when applying Beauveria. Avoid fertilizing during drought and during hot, dry weather. Fertilizers with high nitrogen and potassium and low phosphorus can help to provide the needed nutrients during this time of year. Added nitrogen to sustain plants with heavy fruit load may also be necessary to maintain tree vigor and proper berry development.

### **Ag Theft**

With lychee and mango season, come accounts of ag theft. Please be careful as folks are resorting to bearing firearms and confronting property owners. Below is a summary from the Oct. 2017 ag theft meeting held in Kona, on addressing, preventing and reporting ag theft, vandalism, and trespassing on farms and private property.

1. Ag theft is not just a farmer, police and political matter. It is a **community matter**. It takes community and farmers working together, to protect produce and property, and to deter, prosecute, and educate offenders.
  - a. **Active involvement and communication** within your community and neighborhood can help to increase awareness of happenings in and around your property. Be a part of it.
2. **Make it difficult** for a thief or trespasser to enter and steal from your property.
  - a. Contact a local community police officer for suggestions and steps you can take to secure your property.
  - b. Implement deterrents such as fencing and signage.
3. **Make it easier** for an investigator and police officer to make an arrest.
  - a. The more information you can provide, the easier it is for law enforcement to make an arrest – name/contact information or description of suspect/s; color, make, model of vehicle; name of vendor or business buying stolen goods; any other information that officers or investigators can use to follow-up on a case.
  - b. Set-up security cameras, no-glow infrared flash trail cameras or similar that upload photos and videos to the cloud.
  - c. If possible, don't remain anonymous when reporting a theft or potential theft. Talking to the responding officer may help to provide additional information pertinent to catching the perpetrator. Your information is kept confidential by the police, unless you are involved in an incident.
4. **Establish a paper trail**.
  - a. If you are a seller or transport agricultural commodities weighing more than 25 lbs. or the value is \$100 or more, an **ownership and movement certificate is required**.
  - b. If you are a buyer of agricultural commodities, **know your seller**. Verify the seller's ID and if the commodity is valued at \$300 or more, the seller must provide you with a copy of a government issued ID or license.
  - c. **Provide a receipt for all transactions**.
5. Ag theft can be prosecuted as a **Class C felony**.
  - a. A violation in which the ag commodity value exceeds \$100 or 25 lbs. – Class C Felony
  - b. A violation in which the ag commodity value is less than \$100 or 25 lbs. - Misdemeanor
  - c. Know the laws that protect you.

Visit <https://www.hawaiicoffeeed.com/agricultural-theft.html> (or <http://bit.ly/2iiREm6>) for contacts and additional information related to agricultural theft, as well as ownership and the dealing and transport of agricultural commodities.

### **Away**

I will be away from the office June 3-9, 2018 for a [World Coffee Science Summit](#) in El Salvador, where I will be one of their featured speakers on the "Implementation of the IPM program against Coffee Berry Borer in Hawaii".

If you have a farm emergency, please contact Dr. Alyssa Cho at (808)969-8225 or [acho@hawaii.edu](mailto:acho@hawaii.edu) or Sharon Wages at (808)969-8250 or [smotomur@hawaii.edu](mailto:smotomur@hawaii.edu). For tissue/soil samples, contact the Kona Extension Office at (808)322-4892.

-Andrea

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

Monday, June 11<sup>th</sup>, in observance of King Kamehameha I Day

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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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**CCECS - Master Food Preserver Certificate Program - Kona**

Course dates:

- Friday, June 1, 12:00 pm - 6:00 pm
- Saturday and Sunday, June 2-3, 9:00 am - 3:00 pm
- Friday, June 8 from 12:00 - 6:00 pm
- Saturday and Sunday, June 9-10, 9:00 am - 3:00 pm
- Saturday and Sunday, June 16-17, 9:00 am - 3:00 pm

Hawaii Community College Palamanui Campus Kitchen  
73-4225 Ane Keohokalole Hwy, Kailua-Kona, HI 96740  
Tuition - \$200

Canning and preserving food is wildly popular again and so is learning about safe and approved food preservation techniques and recipes. Individuals who have a strong interest in becoming trained in developing their own jams and jellies, canning acid foods, pressure canning low acid foods, pickling and fermenting, drying, freezing, and the art of charcuterie are encouraged to become certified Hawai'i Master Food Preservers.

For more information, go to [hilo.hawaii.edu/ccecs/summer2018/MFP.php](http://hilo.hawaii.edu/ccecs/summer2018/MFP.php)

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**CTAHR - Survey - Sustainable Agriculture Needs Assessment**

Hawaii County Growers! Eli Isele, Sustainable Agriculture Extension Agent, would like feedback to develop his Extension program to better meet your needs. Please take his survey at [www.surveymonkey.com/r/SustainableHawaii](http://www.surveymonkey.com/r/SustainableHawaii)

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**CTAHR - New Office Assistant at the Kamuela Extension Office**

We have a new office assistant at the Kamuela Extension Office. Welcome Ms. Kamalu Joaquin! Kamalu comes to us from the North Hawaii Hospital in Waimea. She started on May 29, 2018.

Contact Information:  
Ms. Kamalu Joaquin  
Kamuela Extension Office  
67-5189 Kamamalu Road

Kamuela, HI 96743  
Tel: (808) 887-6183  
Office email: [kamuela@ctahr.hawaii.edu](mailto:kamuela@ctahr.hawaii.edu)

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### **New Publication - CTAHR - Kona Coffee Root-Knot Nematode Sampling Procedures**

For the new publication on how to sample for Kona coffee root-knot nematodes, go to: <https://bit.ly/2L5FNFO>

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### **New CBB Publication**

Irradiation for Quarantine Control of Coffee Berry Borer, *Hypothenemus hampei* (Coleoptera: Curculionidae: Scolytinae) in Coffee and a Proposed Generic Dose for Snout Beetles (Coleoptera: Curculionoidea)

*Journal of Economic Entomology*

Peter A Follett

For the journal article, go to <https://doi.org/10.1093/jee/toy123>

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### **USDA FSA - Report Lava Flow Damage to Farm & Ranchlands**

Please report all lava flow damages to farm & ranchlands to us.  
Mahalo & Be Safe! – Lester

### **USDA FSA - FSA Programs That Can Help With Natural Disaster**

Just a reminder, that FSA administers programs that can help eligible farmers and ranchers recover from natural disaster:

#### **NAP (Noninsured Crop Disaster Assistance Program)**

Provides financial assistance to producers from low yields or crop losses due to natural disaster.  
Must already be in the program.

#### **ECP (Emergency Conservation Program)**

Provides emergency funding and technical assistance to farmers and ranchers to rehabilitate farmland damaged by natural disaster.

#### **LIP (Livestock Indemnity Program)**

Provides assistance to livestock producers for livestock deaths in excess of normal mortality due to natural disaster.

#### **ELAP (Emergency Assistance for Livestock, Honeybees and Farm Raised Fish Program)**

Provides assistance to eligible producers of livestock, honeybees and farm raised fish losses due to natural disaster. ELAP covers losses that are not covered under other disaster assistance programs.

#### **TAP (Tree Assistance Program)**

Provides financial assistance to eligible orchardists and nursery tree growers to replant or rehabilitate eligible trees, bushes and vines lost by natural disaster.

#### **Emergency Loan Program**

Provides emergency loans to help eligible producers recover from production and physical losses due to natural disasters. Inquire also about our micro loans and operating loans.

Call 933-8381 ext 2 for more information.

Lester Ueda  
USDA, Farm Service Agency  
154 Waianuenue Avenue, Rm 122, Hilo, Hawaii 96720  
Phone: 808-933-8341, Email: lester.ueda@hi.usda.gov

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### **CTAHR - Additional Volcanic Emissions Information**

If you are from the vog affected areas (ie: Puna, Volcano, Pahala, Ocean View) and are concerned about lead in catchment water and/or heavy metals in soil, CTAHR will be conducting water and soil testing **free of charge**. You can submit samples for testing by the UH Agricultural Diagnostic Service Center (ADSC) through any Cooperative Extension Office. Funds are limited for these emergency services.

The diagnostic tests being offered are:

- Water for testing of pH (W1) and heavy metals (W4);
- Soil for testing of pH (S1) and heavy metals (S7).
- For a list of metals, visit: <https://bit.ly/2kiSnYK>

#### **For more information visit these links:**

More information about the affects of VOG on agricultural plants, water system, and livestock can be found the CTAHR's website below:

<https://cms.ctahr.hawaii.edu/ER>

Plants and VOG

<https://vog.ivhhn.org/effects-plants>

Protecting your water systems

<https://vog.ivhhn.org/catchment-systems>

Information about SO2 levels and wind movement:

<https://vog.ivhhn.org/current-air-quality>

<https://vog.ivhhn.org/vog-fact-sheets>

Ash Hazards:

<https://vog.ivhhn.org/summit-ash-hazards>

Protect Yourself from VOG

<https://vog.ivhhn.org/health-effects-vog>

<https://vog.ivhhn.org/vog-protection>

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### **CTAHR - Presentation - Information on Volcano Impacts on Livestock**

Dr. Mark Thorne, State Range Extension Specialist, recently compiled a short presentation on the effects of the recent volcanic activity on livestock production, health, and operations: Presentation Slides can be found at

<https://bit.ly/2slC2Ep>

The information is also available on the CTAHR website:

<https://cms.ctahr.hawaii.edu/er/VolcanicEmissions>

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### **County of Hawaii - Contacting Livestock Producers in Puna**

*Message from Glenn Sako, Hawaii County Research & Development*

Lorie Farrell and Jason Moniz have been assisting producers, who are evacuating their livestock, to connect with ranchers and residents with fenced areas who are willing to allow the animals to pasture there. There has been a concern that some Puna producers in the areas affected by the lava outbreaks may not be aware of this effort and they would like to ask you to get the word out to the producers.

We would like to ask if you would contact livestock producers to make them aware that if they need to evacuate their animals, Lorie has some cooperators lined up.

Lorie Farrell can be reached at 808-557-2780 or email: [Lorie.Farrell@gmail.com](mailto:Lorie.Farrell@gmail.com)

There are some stalls available at the Panaewa Equestrian Center for horses that need to be evacuated. Contact Pam Mizuno, Panaewa Recreational Complex Administrator, at 959-7224.

Thank you,

Glenn T. Sako

Agriculture Specialist, Hawaii County Research and Development

25 Aupuni St., Room 1301, Hilo, HI 96720

Direct line: 808-961-8811, Email: [Glenn.Sako@hawaiicounty.gov](mailto:Glenn.Sako@hawaiicounty.gov)

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**HDOA News Release**

- Federal agricultural disaster designation for Kauai: <https://bit.ly/2J1VNau>
- Disaster loan program approved today by the Hawaii Board of Agriculture: <https://bit.ly/2kyy3Qy>

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**CTAHR - Rat Lungworm Information and Presentation**

Slugs and snails are a critical part of the rat lungworm life cycle. Controlling slugs and snails in the farm is an important step to reducing the risk of rat lungworm disease in humans.

Reducing the risk of having slugs and snails in your produce through slug/snail management and monitoring is also a good business practice especially at a time when consumers and produce buyers are more aware and curious of how their food is produced and handled.

Here's a link to Slug and Snail Pesticides Registered for Hawai'i Commercial Growers, Landscapers and Pest Control Operators: <https://bit.ly/2IWMe0j>

CTAHR Farm Food Safety Website: <http://manoa.hawaii.edu/ctahr/farmfoodsafety/>

In case you are interested in hearing the talk that Dr. Richard Malik, veterinarian from Australia, gave about animals contracting rat lungworm disease to an audience assembled at the University of Hawai'i at Hilo on May 1, 2018: <https://bit.ly/2xpRIAM>

He first diagnosed rat lungworm disease in dogs in Sydney in 1989, and has researched the incidence and development of the infection in companion animals, wildlife and human patients.

Randall T. Hamasaki  
County Extension Agent

UHM CTAHR, Kamuela Extension Office, 67-5189 KAMAMALU ROAD, KAMUELA, HI 96743-8439  
Telephone: (808) 887-6183, Email: [rth@hawaii.edu](mailto:rth@hawaii.edu)

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**USDA FSA - Announcement**

Announcing FY 2017 Payments for Reimbursement Transportation Cost Payment (RTCP-VIII) Program for Geographically Disadvantaged Farmers and Ranchers in Alaska, Hawaii, and Insular Areas. For more information, go to <https://bit.ly/2L5UlyS>

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**KCFA - The Independent Voice - May 2018 Newsletter**

To view the newsletter, go to <http://eepurl.com/dtwty1>

- President's Message
- Vertical Selection Workshop
- The United Nations & Kona Coffee
- Coffee Quality Workshop
- CTAHR - Rat Lung Worm Disease Prevention Video
- Proposed Resolutions
- EXPO 2018 Photos
- Coffee Flowers of Different Varieties
- Recipe: Coffee Mousse