

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

Volume 2: February 2019

**Dear Growers and Friends,**

What welcomed rain in West Hawaii! We were fortunate to have fairly clear weather for both pruning field days. Thank you to all who participated! And although the plants may be sighing in relief from the dry conditions, we cannot relax as these rains have made CBB extremely happy.

### **Things to consider when it rains and during this time of year for coffee:**

- 1) CBB will be very active with the rains and high humidity. Monitor your coffee for infestation and spray as needed especially if you are still harvesting.
- 2) Strip-pick any early season green berries that you are not spraying for CBB. Also, go back and check trees for missed berries from last season's crop.
- 3) Check traps and service them as needed.
- 4) A big bloom should be taking place within the week. Note this flowering on your calendar and monitor the berries arising from this bloom, for CBB, in the coming weeks.
- 5) Monitoring (using the 30 trees sampling method, etc.) and spray as necessary, if you had coffee developing from an early flowering that is substantial enough to let mature. Control CBB early in the season to keep damages low at harvest.
- 6) Finish up with your pruning, or start soon, if you haven't already.
- 7) Submit leaf and soil samples to better understand this season's tree fertilization needs.
- 8) Apply lime-type fertilizers if needed to maintain and/or increase soil pH and add calcium and/or magnesium to the soil for plant uptake.



### **Resources:**

- Sufficiency nutrient ranges for coffee, banana, papaya and macadamia - <https://bit.ly/2TvBzLs>
- Directions for coffee soil and leaf sampling - <https://bit.ly/2KMWtSz>
- UH Agricultural Diagnostic Service Center's list of analytical services and fees - <https://bit.ly/2kiSnYK>
- CBB management (field sanitation, monitoring, pruning, control, etc.) information – <https://bit.ly/2S9Y000> (the last three letters/numbers are: capital O, zero, capital O)

- Andrea

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**UH CTAHR Cooperative Extension Offices will be closed on the following days:**  
February 21, 2019 in observance of President's 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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**CBB 101 Workshop – Kona**

Tuesday, February 5th, 2019

1:30 pm - 3:30 pm

or

Friday, February 8th, 2019

9:30 am - 11:30 am

Kona Cooperative Extension Service - Conference Room

79-7381 Mamalahoa Hwy

Kealahou, HI 96750

Visit <https://bit.ly/2S7DM2g> to register

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**Banana Macropropagation Workshop Part 2**

Learn how to propagate healthy disease-free banana using macropropagation techniques.

This field day will cover:

- Multiplication of corms using materials from Part 1
- Review if needed, of:
  - Propagation of clean banana plants through macropropagation techniques
  - Identification and management of Banana Bunchy Top Virus (BBTV)
  - A demonstration on rapid BBTV detection using AmplifyRP® Acceler8® test kits
  - Participants are welcome to bring in samples for testing (limit 1 per participant)

Locations:

Molokai (Jan 30): <https://bit.ly/2UjeawA>

Maui (Feb 1): <https://bit.ly/2HBcygd>

Oahu (Feb 2): <https://bit.ly/2RpAOlr>

Kona (Feb 7): <https://bit.ly/2B8GqLv>

Hilo (Feb 8): <https://bit.ly/2B8H8s9>

Kauai (Feb 26): <https://bit.ly/2DGWS7h>

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**How to Write a Business Plan**

Wednesday, February 6, 2019

9:00 AM - 11:30 AM (Registration 8:45 AM)

Hale Iako, Suite 119

NELHA (OTEC) Campus (Next to Kona International Airport)

73-970 Makako Bay Drive

Kailua-Kona, HI 96740

Fee: \$20

For more information or to register, please visit <http://bit.ly/2HKjvvv>

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**Vendor Application for Avo Fest!**

13th Annual Avocado Festival

Saturday, February 23, 2019

Hale Halawai, oceanfront Kailua-Kona

10am - 5 pm

You are invited to go to [www.AvocadoFestival.org](http://www.AvocadoFestival.org) to download, fill out and return

Vendor Application for the Festival

Application for County Permit

Please send by January 31, 2019 both of the completed forms, along with a copy of your General Excise Tax License, and two checks or money orders

\$30 made payable to "Director of Finance"

Appropriate amount (see form) made payable to "Sanctuary of Mana Ke`a Gardens"

Mail by January 31, 2019 to:

Sanctuary of Mana Ke`a Gardens

PO Box 939

Honaunau, HI 96726

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**HMNA Growers Field Day**

February 23, 2019

10am to 12pm

Tour of the Olson Trust Orchards in Pahala

The tour will meet at the Ka`u Coffee Mill at 96-2694 Wood Valley Road, Pahala, HI 96777

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**Produce Safety Alliance: Grower Training Course**

Date: Friday, March 1st, 2019

Time: 7:30 AM to 5:00 PM

Location: Waimea Civic Center

67-5189 Kamamalu St.

Kamuela, HI 96743

Visit <http://bit.ly/2GgReKI> to register

Who should attend?

Produce growers, buyers, and others interested in learning about: produce safety, the Food Safety Modernization Act (FSMA) Produce Safety Rule, Good Agricultural Practices (GAPs), and co-management of natural resources and food safety.

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**Pesticide Risk Reduction Education Short Course - Hilo, April 11-12, 2019**

This in-depth two-day short course is about handling pesticides, including herbicides, in ways that will reduce risks to people and our environment. It will be conducted by an instructor from the Cooperative Extension, a part of the College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa. For more information or to register visit <https://bit.ly/2G6FieE>

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## **USDA Farm Service Agency Announces Program Deadline Extensions**

***USDA's Farm Service Agency extended deadlines on many of its programs because of the government shutdown and the emergency nature of many of the programs. Below are updated deadlines:***

***\*\*\* For details on all program deadlines and extensions, view FSA National Notice CM-807***

### **Farm Programs**

- Market Facilitation Program
  - *Deadline to apply extended to Feb. 14, 2019*
- Emergency Conservation Program
  - *Performance reporting due Feb. 14, 2019*
- Livestock Forage Disaster
  - *2018 application for payment due Feb. 28, 2019*
- Emergency Assistance Livestock, Honey Bees, and Farm-raised Fish Program
  - *Notice of loss due Feb. 14, 2019*
- Livestock Indemnity Program
  - *Notice of loss due Feb. 14, 2019*
- Noninsured Crop Disaster Assistance Program
  - *Submitting 2019 application for coverage due Feb. 14, 2019*
  - *Notice of loss for 72-hour harvest and grazing (as applicable) due Feb. 14, 2019*
  - *Notice of loss for prevented planting and failed acres due Feb. 14, 2019*
  - *Applications for payment for 2018 covered losses due Feb. 14, 2019*
- Tree Assistance Program
  - *Notice of loss due Feb. 14, 2019*
- Acreage Reporting

*January reporting deadlines extended to Feb. 14, 2019.*

For inquiries related to these programs or any not listed above, please contact your local [USDA Service Center](#).

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### **Get reimbursed for equipment purchases!**

The State of Hawaii is seeking applicants, **especially from the neighbor islands**, for its **Manufacturing Assistance Grant Program**, which offers Hawaii-based manufacturers up to a 20% reimbursement (maxed at \$100,000) on qualified expenses. If you think your company won't qualify, think again, the qualifications are quite broad.

Deadline for application is May 15, awards will be announced by May.

For more information [click here](https://bit.ly/2TiOxMz) (<https://bit.ly/2TiOxMz>).

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### **CTAHR Notes**

Check out this week's CTAHR Notes: Issue 391, January 24, 2019

This week's issue includes:

- [In Profile](#)
  - [Growing Communication](#)
  - [Unwilted](#)
  - [Money, Money, Money...](#)
  - [Have Your Medical Device and Wear It, Too](#)
  - [Go Bananas](#)
  - [A Fine Fellow](#)
  - [A Better Beef](#)
  - [Sugarcane and Sustainability](#)
  - [Get to Know... Monica Esquivel](#)
  - [Meanings-of-Dress Success](#)
  - [Get Schooled on Farm-to-School](#)
  - [In Memoriam: Lyle Wong](#)
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### **Oahu Cooperative Extension: Hydroponics Open House & Other New Developments**

[Click here \(https://conta.cc/2UlyjCn\)](https://conta.cc/2UlyjCn) to view the full newsletter. In this issue:

- Hydroponics Open House
  - Latest Issue of Hanai`Ai
  - Update on Tomato Yellow Leaf Curl Virus (TYLCV) Field Trial
  - Innovative Sustainable Technique to Manage Fusarium Wilt Disease on Banana
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### **News from the Sustainable & Organic Program @ CTAHR**

View the Sustainable and Organic Agriculture Program Newsletter, Volume: 33: Nov 2018, Dec, Jan 2019  
Hopefully it will be loaded soon. <https://cms.ctahr.hawaii.edu/soap/Hanai-Ai>

In this issue:

- [Advancing Hawaii's Farming Communities Through Applied Research, Education and Collaborative Partnerships](#)
  - [Scaling Up Mamaki \(\*Pipturus albidus\*\) in Non-Forest Areas for Commercial Production](#)
  - [Evaluation of Organic Insecticides For Aphid Control on Chinese Cabbage](#)
  - [In Field Irrigation Water Treatment for the Food Safety Modernization Act Produce Safety Rules](#)
  - [Celery Variety Trial: Preliminary Results](#)
  - [Downy Mildew Resistant Basial Variety Trial: Preliminary Results](#)
  - [Native Plant for Bees](#)
  - [On Farm Readiness Review: A FSMA Resource for Farmers](#)
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### **KCFA - The Independent Voice - February 2019 Newsletter**

[Click here \(http://bit.ly/2t5JbJ2\)](http://bit.ly/2t5JbJ2) to view the newsletter. In this issue:

- [2019 KCFA Board of Directors](#)
- [2018 Treasurer's Report](#)
- [Coffee Berry Borer Workshop](#)

- [Researchers Warn of Coffee Fraud](#)
- [T-Shirt Design Contest](#)
- [CBB Subsidy Program](#)
- [Kona Coffee at Women's March](#)
- [Protecting & Protecting Kona Coffee Nationally](#)
- [All About Coffee Freshness](#)
- [Recipe: Banana Coffee Muffins with Cacao Nibs](#)