

January 2018 – Events and Announcements

Dear Growers and Friends,

On behalf of the Kona Cooperative Extension Service and Research Station, Happy New Year!!! I wish you all the best in 2018.

Coffee:

Just a friendly reminder to strip-pick remaining berries from your coffee trees as soon as possible following your final harvest. If you've missed our newest video, you can find the link on the fourth page of these announcements and at www.hawaiicoffeeed.com's home page and "field sanitation" and "CBB publications" pages under the CBB Management tab.

During this time of year, it's also important to notate your first and any major flowerings thereafter. This will help you time the start of your monitoring program, spray schedule, harvests, and determine if a pre-season strip-pick is needed to remove berries from an early, unsubstantial flowering. If using traps to monitor for CBB activity, employing them after the harvest season can be helpful in determining CBB flight activity prior to and during young berry development. Without coffee on the trees, CBB may be easier to lure into traps and killed by the soapy water. The only good CBB is a dead CBB. Learn more about record keeping and traps at the links below.

- Record keeping: <http://bit.ly/2Av4YN4>
- Trapping: <http://bit.ly/2CrM3aK>

Mango:

Anthrachnose (*Colletotrichum gloeosporioides*) is a very important fungal pathogen of mango and can affect other fruiting plants such as banana, avocado, papaya, coffee and more. Wet, humid, and warm weather conditions favor anthracnose infections in the field. On mango, anthracnose symptoms occur on leaves, twigs, petioles, flower clusters (panicles), and fruits. Click here (<http://bit.ly/2CDP9XX>) for photos by Scot Nelson of anthracnose (and powdery mildew) on mango. Anthracnose and powdery mildew (*Oidium mangiferae*) control methods differ, though symptoms may appear similar. Submit samples to the UH Agricultural Diagnostic Service Center to identify the pathogen responsible for symptoms you see on your tree or fruits. The cost is \$12 per sample for a general disease diagnosis.

During this time of year, early control is critical for reducing the inoculum and spread of these diseases within trees and throughout the farm. Field sanitation – the removal and destruction of diseased fruit, branches, and old panicles in the tree and on the ground – help to decrease the amount of latent and active fungal spores that may contribute to further disease infestation. Learn more about these diseases, their symptoms and methods of control by clicking on the links for mango anthracnose (<http://bit.ly/2Arn9ld>) and mango powdery mildew (<http://bit.ly/2CFJSzP>).

Avocado:

From time to time, I receive questions from growers about avocado varieties and what varieties are found on their property. So, how do you tell one variety from another?

If the plant is a seedling, it will have no variety name, unless you or someone else provided it one. Deciphering the parentage of seedlings can also be extremely difficult, though some look very similar to the mother plant.

If the plant has been grafted, the scion is more than likely a varietal. Some common varieties grown in Hawaii are 'Sharwil', 'Greengold', 'Kahaluu', 'Malama', 'Murashige,' and 'Linda'. So, how do you whittle down the guesses on variety? Here are some physical avocado characteristics to note when trying to ID a grafted tree:

- 1) Main fruit harvest season
- 2) Mature, ripe fruit shape and size; rind texture, thickness, grittiness and color; seed shape, size (seed to flesh ratio), and looseness in the cavity; and positioning of the peduncle (stem on fruit) – pick at least several fruits for an average
- 3) Flesh quality and oil content of mature, mid-season fruit
- 4) Young leaf color and smell when hand crushed – Mexican avocados have an anise-type smell
- 5) Young stem color
- 6) Mature, healthy tree height and canopy shape
- 7) Mature, healthy leaf shape, size and color
- 8) A or B type flower

This month, we share with you a new publication titled “‘Sharwil’ Avocado Identification” (found below). This pub will help you identify ‘Sharwil’ trees on your farm. For other Hawaii-grown avocado varieties, CTAHR pubs can be referenced and found by searching “avocado” at the CTAHR publications website (<http://bit.ly/2IXdRc9>). Fact sheets for ‘Malama’ and ‘Green Gold’ can be found there. The top three CTAHR publications with general avocado characteristics are:

- What Makes a Good Avocado Cultivar Good?: <http://bit.ly/2ITPGe3>
- Producing Avocado in Hawaii: <http://bit.ly/2CSPaF7>
- Hawaii Avocado Industry Analysis Part 2: Buyer Preferences Focus (for colored fruit photos): <http://bit.ly/2IWB79p>

Ken Love’s avocado poster (<http://bit.ly/2EW5xkk>) can also be a very helpful visual aid of the many varieties and seedlings found in Hawaii.

New CTAHR Publications:

- ‘Sharwil’ Avocado Identification: <http://bit.ly/2CFCscA>
- The Importance of Community Involvement for Small Farmers in Hawaii: <http://bit.ly/2CFc3Px>
- A Soil Phosphorus Primer for Hawaiian Soils: <http://bit.ly/2wmmmTK>

I will be away from the office January 17-19, 2018 for a Coffee Summit in California.

If you have a farm emergency, please contact Dr. Alyssa Cho at [\(808\)969-8225](tel:8089698225) or acho@hawaii.edu or Sharon Motomura-Wages at [\(808\)969-8250](tel:8089698250) or smotomur@hawaii.edu. For tissue/soil samples, contact the Kona Extension Office at [\(808\)322-4892](tel:8083224892).

-Andrea

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

Monday, January 15th, in observance of Dr. Martin Luther King, Jr. Day

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

HDOA - Informational Workshops for Specialty Crop Block Grant Program FY18 - AND - Market Development Branch - Statewide

Molokai

Monday, January 8, 2018
Home Pumehana
290 Kolapa Place, Kaunakakai

Lihue

Thursday, January 11, 2018
Kauai Community College OCET Rm. 106
3-1901 Kaumualii Hwy.

Hilo

Thursday, January 18, 2018
State Building Conference Room B & C
75 Aupuni Street

Honolulu

Tuesday, January 9, 2018
Plant Quarantine Conference Room
1849 Auiki Street

Kona

Tuesday, January 16, 2018
UH CTAHR Kona Cooperative Extension Office
Conference Room
79-7381 Mamalahoa Hwy.

Kahului

Friday, January 19, 2018
HDOA Maui Conference Room
635 Mua Street

For farmers, Non/For-Profit Associations, or Interested Parties. From 9:00 am – 1:00 pm, learn about the Specialty Crop Block Grant Program, new Federal Regulations for Federal funding, and an overview of HDOA's Market Development Branch services, such as Seal of Quality, Made in Hawaii with Aloha, Trade Shows and more! Registration is required 2 days before the class to prepare for printed materials. To register, email hdoa.md@hawaii.gov or call 808-973-9595. To view the flyer, go to <http://bit.ly/2CPUn0y>

Coffee Root-knot Nematode Workshop & Field Day for Commercial Growers - Kona

Wednesday, January 10, 2018

Thursday, January 11, 2018

Kona Cooperative Extension - Conference Room

79-7381 Mamalahoa Highway

Kealahou, HI 96750

Two classes offered. Registration is required. Register online (<http://bit.ly/2C8TQWM>) or by contacting Gina at 808-322-4892 by January 8th. Each class is limited to 30 participants.

During this workshop and hands-on field day, participants will learn about nematode biology, the effects of nematodes on coffee, as well as the costs and benefits of grafted trees. Growers will take a tour of the nematode research plot, learn about the current project, and participate in a nematode sampling demonstration.

BONUS! Attendees will take home a nematode sampling instruction kit and a \$5-off single submission voucher for nematode analysis on their farm. One per farm.

Save the Date: Two Coffee Berry Borer 101 Workshops for New and Beginning Coffee Farmers – Kona

Kona Cooperative Extension Service

Thursday, January 25, 2018

Saturday, January 27, 2018

This free 2-hour class will teach the basics of coffee berry borer identification, biology and management. Please let new coffee farmers know about this upcoming workshop. A flyer will be distributed and available soon.

Coffee Berry Borer Identification and Management Presentation – Honokaa

Hamakua Harvest Farmers Market

Sunday, January 28, 2018

10:30 am – 12:00 pm

Located at the intersection of Mamane Street and Highway 19

Join me (Andrea) and learn about identifying CBB on your farm and how to manage this coffee pest. This class will be fairly basic but see me after the presentation if you have specific questions.

CTAHR - End of Season Strip-Pick Video

As the harvest comes to a close, it is important to ready your farm for the coming season by conducting the end of season strip-pick. In my last update, I wrote about the importance of strip picking and how it will help you in the next season. As mentioned in the update, a YouTube video about the end of season strip-pick was forthcoming.

It is now here! Check out the video and let it be a reminder of how important this practice is and that it should be completed before the new season starts: <https://youtu.be/-uWqkovPqKg>

CTAHR - Seminar - No-till Farming for Organic Growers

On December 1st, Dr. Joe DeFrank, presented a Dept. of Tropical Plant and Soil Science (TPSS) seminar titled: No-till Farming for Organic Growers. The video of the presentation and pdf of the slides are available online: <http://bit.ly/2qgK4Qg>

Webinar - NRCS - Life Underground: Partnering with Soil Microbial Communities on the Farm - Presentation Slides

On December 12th, there was an online webinar focused on the challenges and benefits of managing soil biology, along with the key roles that soil microbes play in agroecosystems. If you weren't able to attend, you can find the recording and presentation slides at: <http://bit.ly/2CtkOfB>

HDOA News Release

Here is a link to a news release on the appointment of Dr. John McHugh as Pesticides Branch Manager: <http://bit.ly/2A7FN1d>

USDA FSA - USDA Designates Kauai County in Hawaii as a Primary Natural Disaster Area

WASHINGTON, Dec. 1, 2017 — The U.S. Department of Agriculture (USDA) has designated Kauai County in Hawaii as a primary natural disaster area due to losses and damages caused by a recent drought. To view the news release, visit: <http://bit.ly/2DSwioX>

Hawaii Avocado Association Newsletter & Membership Form

Hawaii Avocado Association (HAA) Newsletter: <http://bit.ly/2CBdWvA>

- Changes to the Board
 - Last season's Mainland Shipments
 - Shipping Box Prototype
 - Save the Date - CTAHR - Avocado Grafting Workshops
 - Little Fire Ants
 - Membership Renewal - <http://bit.ly/2CAiQsT>
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KCFA - The Independent Voice - January 2018 Newsletter

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

In this issue:

- KCFA's Annual Pruning Workshop
- Annual KCFA Membership Meeting
- National restaurant Assoc. Trade Show
- A Message from Chet
- Export Markets
- Climate Change, Coffee & Bees
- Climate Change and Cacao
- Supporting Business Member: Wooden Touches
- Recipe: Coffee Herb Rub

Molokai Beginning Farmers Quarterly Newsletter - Winter 2017

Aloha All,

It's starting to feel a lot like Christmas with temperatures in the high 40's last week in Ho'olehua, and probably with more to come. The theme of this quarterly is 'Finding a New Crop': <http://bit.ly/2DR3MEo>

In Hawaii, there are hundreds of crops that could be grown, but can they be grown profitably? That's the million dollar question, and it takes due diligence, research, market inquiries, and possibly field testing to get to the answer. This is just a primer of what it takes to find a crop since there are a lot of unknowns about many new and potential commercial crops for Hawaii. I hope you enjoy this quarterly, and please share it with others. Happy Holidays to you and yours.

For back issues of this newsletter, please visit the CTAHR Sustainable and Organic Agriculture website, Hanai Ai at: <https://cms.ctahr.hawaii.edu/soap/Resources/MolokaiBeginningFarmersNewsletter.aspx>

Mele Kalikimaka a me Hau'oli Makahiki Hou,

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Hawaii Agricultural Mediation Program (HIAMP) Newsletter

To view the newsletter, go to: <http://eepurl.com/dc-DnD>

In this issue:

- Ag Mediation Helps Sustain Critical Farm Business Relationships
- Watch 3-Minute Video About How Free Ag Credit Mediation Can Help You

P&A Coffee Newsletter - Confidential

To view the newsletter, go to: <http://bit.ly/2DSGo9u>

In this issue:

- Three Roasters Dominate Brazilian R&G Coffee Market
- Incaper Releases New Variety Resistant to Drought
- Coffee Roasters Earn Three Times More Than Growers Do
- Global Coffee Platform Releases a Sustainability Initiatives Catalog in Brazil
- Brazilian Industry Adamant to Return to Previous Conilon Usage in Blends
- **Outlook:** Unveiling Brazil's Hidden Coffee Quality Secrets (Page 3)
- **Machine of The Month:** Processing Award-Winning Coffees (Page 4)

Coffee & Cocoa International - Newsletter - Issue 104

For the newsletter, visit: <http://bit.ly/2EPwt5S>

Check out the article about a new type of roaster: Neuhaus Neotec Developing New-Generation Roaster - One of Germany's best known manufacturers of coffee roasting machines is developing a completely new line of roasters that responds to the requirements of small and specialty roasters.