

Dear Growers and Friends,

As tax time looms, the announcement below, from the IRS may be of help to you (farmers and fishers).

In this announcement, the IRS is allowing farmers and fishers who would otherwise have needed to file and pay their taxes by March 1st, to have the penalty for not doing so, waived, if they file by April 15th. Below is the IRS news release and notice. In the notice, Part III; Section 3, talks about what is needed on your tax return to have the penalty waived. The RuralTax.org link will lead you to an article that discusses under what circumstances the March 1st deadline would normally apply.

- IRS News Release Announcement: <https://bit.ly/2NxWPhh>
- IRS Notice: <https://bit.ly/2UcWVO9>
- RuralTax.org: <https://bit.ly/2Uhu4br>

Macadamia nut:

As long as adequate soil moisture continues through the season, we may have an exceptional year for macadamia nut.

Below are websites containing information about macadamia nut production in Hawaii.

- <http://ctahrmacadamia.weebly.com/>
- <http://www.hawaiimacnut.org/>

Other crops like lychee, mango and coffee are flowering beautifully as well. It is important to stay on top of your soil and tree fertility for healthy trees and soil, and good, quality yields. Below is information for macadamia and coffee soil and leaf sampling.

- Mac nut soil & leaf sampling: <https://bit.ly/2NHQQa0>
- Coffee soil & leaf sampling: <https://bit.ly/2KMWtSz>

If you are interested in sampling how-tos for other crops, or if you have questions about your commercial orchard crop soil or leaf sample results, please contact me at andreak@hawaii.edu. Be sure to send me your results to review.

CBB control:



Figure 1: This bee is busy visiting the blossom racemes to collect pollen and nectar. In return, these flowers receive pollination by the bee. Pollination is essential for good mac nut set.

Start low, stay low. You should currently be monitoring for CBB activity. Those who had early flowering may already need to start spraying with approved Beauveria products. Early season spraying should be done according to your sampling, or if you prefer, on a scheduled-basis, but no more than 3-4 weeks apart. Remember that warmer temperatures speed up the development of CBB from egg to adult.

CBB can potentially exit old berries and raisins weekly, even daily. You may choose to increase your spray frequency during the early part of the season to establish and maintain a low infestation rate. Research and spray economics show that lower infestation rates at the beginning of the coffee season, results in lower damage rates at harvest and increased revenue. CBB are best killed in the A/B position and with direct spray contact. Once CBB moves into the bean (C/D position), she is highly protected from spray applications.

All strip-picking should be completed by now, unless you still have major crop on the trees. If so, continue to monitor, spray as needed, and harvest as frequently as possible to avoid over ripe and raisin berries. Strip-pick and clear your field of the past season's crop as soon as possible. With Beauveria spraying, these are the main methods to reduce CBB numbers in the field and protect your new crop from infestation and damage.

If you had an early, small flowering and these berries are highly infested, removal will be key to eliminating these hotspots and maintaining control on CBB. If left, these berries mature ahead of the main crop and CBB from these berries infest neighboring fruit. Essentially, you will be your own bad neighbor. Even just two CBB-infested berries in the tree now (March), could potentially produce millions of new beetles by July. According to Damon's (2000) review of CBB biology, one female CBB can lay 31 to 119 eggs within a single coffee berry of suitable ripeness. The complete life cycle may take from 28 to 34 days and female CBB can live for an average of 157 days. Where coffee is present all year round, CBB may have several to as many as nine generations a year, with a complete life cycle take place every 30 days.

Damon, A. (2000). A review of the biology and control of the coffee berry borer, *Hypothenemus hampei* (Coleoptera: Scolytidae). Bulletin of Entomological Research, 90(6), 453-465.
doi:10.1017/S0007485300000584

-Andrea

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

Monday, March 26th, 2019 in observance of Kuhio Day

Friday, March 30th, 2019 in observance of Good Friday

Update on ADSC's Nitrogen and TC Equipment

The equipment for measuring nitrogen and total carbon will be repaired Monday, March 4, 2019. We will keep you updated when tests are available.

Job Announcement - CTAHR - Junior Extension Agent for Intergenerational Youth - Kona

Position #: #85381T Position Title: Junior Extension Agent

Review Date: March 18, 2019

University of Hawai'i NEOGOV: <http://bit.ly/2XoXPcp> and Search 85381T

UH NEOGOV Direct link: <http://bit.ly/2XtiSdz>

HMNA Field Day & Next Meeting

The Pahala grower's field day on the 23rd will take place of our February board meeting. Our next scheduled HMNA board meeting will be:

March 19, 2019

Komohana Research Center

10:30am

Grower's field day flyer - <http://bit.ly/2X1swE3>

HMNA Resources Page - <http://bit.ly/2VpbZsc>

CTAHR's Information for Macadamia Growers website - <http://bit.ly/2T4oLiR>

12th Annual Kona Coffee & Small Farm EXPO

Saturday, March 30, 2019 – 10:00 am – 3:00 pm – Old Airport Pavillion

For more information visit : www.konaexpo.com

An Introduction to Web Marketing for Farmers - a two class series

Do you have a farm (or farm adjacent) business that you would like to market online? Whether that be to potential farmers' market customers, tour groups, or e-commerce sales, you can use web marketing

to reach customers!

This class will be \$50 for all Farm Bureau members and \$150 for non-members.

For more information: <http://bit.ly/2T8KYML>

To register: <http://bit.ly/2T8LBpB>

2019 ALFH Ag Conference

ALFH is pleased to announce that the next Hawai'i Agriculture Conference (AG2019) will take place October 15-16, 2019. This year's theme, AGdaptation: Hawai'i's Growing Opportunity, recognizes that in an ever-changing world, Hawai'i agriculture must adapt to become a viable and sustainable resource that provides rewarding careers, enriching lifestyles, and stewards our 'āinak for future generations. AGdaptation means agriculture in Hawai'i doesn't survive, it thrives. We're counting on your support and participation to help it thrive.

We invite you to spread the word about our [call for proposals process](#). We have outlined a variety of ways you can present at the conference on our website. Check the conference website, <https://www.hiagconference.org> for additional updates and mark your calendar for October 15-16, 2019.

Government Contracting 101

Want to know the basics of contracting with the Federal Government? We'll help you understand the requirements and how to gain an edge. We will also discuss State contracting requirements.

Wednesday, February 27, 2019

10:00 AM - 12:00 PM

(Registration 9:45 AM)

Hale Iako, Suite 119

NELHA (OTEC)

(next to Kona International Airport)

73-970 Makako Bay Drive

Kailua-Kona, HI 9640

Fee: NO-COST

Register at: <http://bit.ly/2BUKRtQ>

Be Your Own Boss/Entrepreneurship Workshop

The University Center West Hawaii is hosting "Be Your Own Boss" (an Entrepreneur Workshop) on Tuesday, 2/26 from 5:30 - 6:30 pm on the Palamanui campus, Limuwai 194.

View the flyer at: <http://bit.ly/2XBBcBD>

For more information: <http://bit.ly/2VJPzSH>

REMINDER: EXCITING FREE WORKSHOPS OFFERED AT THE KUHAO BUSINESS CENTER NEXT WEEK!

"FREE Customer Service Workshop"

Presented by: Bobby Jackson

Tuesday, February 26, 2019 - 9:30 am to 10:30 am

Kuha`o Business Center (Across the Old Molokai Drive Inn)

*FREE WORKSHOP - PLEASE CALL (808)553-8100 to Reserve Your Seat!

"FREE Predicting Your Income Workshop"

Presented by: Lizbeth Arcienega

Thursday, February 28, 2019 - 9:30 am to 10:30 am

Kuha`o Business Center (Across the Old Molokai Drive Inn)

*FREE WORKSHOP - PLEASE CALL (808)553-8100 to Reserve Your Seat!

HFUU Movie Screening and Annual Meeting 2/22 & 2/23

East Hawaii Special Events!

Friday, February 22, 2019 - 7:00 pm, Palace Theater, Hilo

A special screening of the powerful new movie **Dirt Rich**

East Hawaii Chapter Annual Meeting

Saturday, February 23, 2019 - 10:00 am - 2:00 pm, Kulaniapia Farm, 177 Kulaniapia Drive

Registration Deadline Approaching: USDA 2018 Farm Bill Implementation Listening Session

The U.S. Department of Agriculture is hosting a listening session for initial input on the 2018 Farm Bill. USDA is seeking public input on the changes to existing programs implemented by the Farm Service Agency, Natural Resources Conservation Service and Risk Management Agency. Each agency will take into account shareholder input when making discretionary decisions on program implementation.

Deadline for registration to attend the event in person is February 22, 2019. Register at www.farmers.gov/farmbill. The event will be live streamed from the same website.

HTFG: Next West Hawaii Meeting

The next meeting of the West Hawaii chapter of Hawaii Tropical Fruit Growers will be held on Monday Feb. 18th from 7 to 9 pm. Talk "avocado" story with Ken Love and Brian Lievens. Bring your avocados for identification and learn about the origin of many of Hawaii's top cultivars. Get a jump on Saturday's (23rd) avocado festival and some of the planned surprises.

Members and guests are encouraged to bring fruit for sharing. Non-members are welcome to attend.

Meetings are held at 81-6393 Mamalahoa at the HTFG office.

Join Us for the Community Roundtable Talk Story on 2/21

Greenwell Farms will be having a Community Roundtable Talk Story on Thursday, February 21st, 2019 at 4:30pm at Greenwell Farms, above the admin office.

We sent out an anonymous survey regarding the Coffee Industry Standards, Quality, and CBB control, and we will be discussing the results during this roundtable. We will also talk about other current hot topics in our industry.

If you have not received a survey and would like to complete one or would like one for your neighbor, please contact us and we'll provide you with one.

Should you have any questions, please direct them to Ben Greenwell at ben@greenwellfarms.com. Hope to see you all there!

Mahalo,
The Greenwell Farms Team

AgDiscovery 2019 accepting applications online!

AgDiscovery is a unique opportunity for students to explore agricultural sciences, and learn about careers in animal and plant disciplines, wildlife management, veterinary medicine, forestry, and LOTS more! Students experience hands-on learning workshops, laboratory, and field exercises, in addition to a variety of cultural and team-building activities.

AgDiscovery will be held at the University of Hawaii at Manoa from July 7-20. For more information click the links below.

[2019 AgDiscovery Flyer](http://bit.ly/2NA1C1H) - <http://bit.ly/2NA1C1H>

[2019 AgDiscovery Application](http://bit.ly/2XscNOM) - <http://bit.ly/2XscNOM>

[2019 AgDiscovery Application Writing Tips](http://bit.ly/2GOcyZI) - <http://bit.ly/2GOcyZI>

[2019 Hawaii AgDiscovery Program with deadlines](http://bit.ly/2XscUda) - <http://bit.ly/2XscUda>

Talk Story session with Senator Dru Mamo Kanuha to discuss Senate Bill 869

You are invited to attend a Talk Story session with Senator Dru Mamo Kanuha to discuss Senate Bill SB 869. This legislation relates to the inspection and certification of green coffee by the Hawai'i Department of Agriculture.

Here's a link to the most recent version of the bill - <http://bit.ly/2EBVVOb>

The meeting will be at 5:00PM Friday, February 15, 2019
Kealakekua Ranch Center - Choice Mart Shopping Center, lower level
82-6066 Mamalahoa Hwy. Captain Cook, HI 96704

HDOA: Little Fire Ants Found on Plants Sold at Punahou Carnival

The Hawaii Department of Agriculture (HDOA) is asking those who purchased plants at the Punahou Carnival to check their plants for little fire ants (LFA) after the stinging ants were found on a staghorn fern that was sold at the carnival on Feb. 2nd.

For the full news release visit <http://bit.ly/2VFrdJG>

Molokai Beginning Farmers Quarterly Newsletter - Winter 2018/2019

Aloha from Molokai,

Hope you're enjoying the unpredictable weather in the Hawaiian month of Kaulua, the month of two minds and it's surely living up to its name. Still playing catch-up and here's the winter edition, 'A Case Study of Molokai Agriculture, Part II. Everything is connected, especially in agriculture, and we see this in community development as well. You cannot separate the people from the land, and you cannot separate the land from the water, from the mountains to the sea. Culture is an important part of the word 'agriculture' especially in our beautiful islands. It's getting difficult remembering everything that's happened over my 37 years in extension, and even fast forward to today at times, but here's a snap shot of it and I hope you enjoy it.

For back issues of this newsletter, please visit the CTAHR Sustainable and Organic Agriculture website, Hanai Ai at: <http://bit.ly/2H28OTQ>

IR-2019-24 & N-2019-17: IRS waives estimated tax penalty for farmers, fisherman who file returns and pay tax by April 15

Below is an announcement from the IRS that allows farmers and fisherman that would otherwise have needed to file and pay their taxes by March 1st to have the penalty for not doing so waived if they file by April 15th.

For more information visit <http://bit.ly/2Ezdxce>

CTAHR Notes

Check out this week's CTAHR Notes: Issue 395, February 22, 2019

This week's issue includes:

[What About the Children?](http://bit.ly/2GPrAxW) - <http://bit.ly/2GPrAxW>

[The Right Tools for the Job](http://bit.ly/2lCdMlz) - <http://bit.ly/2lCdMlz>

[Present and Be Present](http://bit.ly/2VqJdaA) - <http://bit.ly/2VqJdaA>

[Nom, Nom, Nom](http://bit.ly/2GOlr52) - <http://bit.ly/2GOlr52>

[University-Wide Awards](http://bit.ly/2T2ApLm) - <http://bit.ly/2T2ApLm>

[Familiar Faces in New Places: Rosemary Gutierrez-Coarite](http://bit.ly/2lGQ669) - <http://bit.ly/2lGQ669>

[What to Eat](http://bit.ly/2tEadYa) - <http://bit.ly/2tEadYa>

[Buy Local Fish, It Matters](http://bit.ly/2tHJHgF) - <http://bit.ly/2tHJHgF>

[Man on Fire](http://bit.ly/2EhhoKP) - <http://bit.ly/2EhhoKP>

[How to Talk to a Non-Scientist](http://bit.ly/2EBfwOi) - <http://bit.ly/2EBfwOi>

[Fifty Years of Nutrition Success](http://bit.ly/2EBgLgB) - <http://bit.ly/2EBgLgB>

[Make Every Day Ag Day](http://bit.ly/2BWcGSq) - <http://bit.ly/2BWcGSq>

[Editing Powerhouse](http://bit.ly/2T5OaZG) - <http://bit.ly/2T5OaZG>

[Awareness and Great Taste](http://bit.ly/2Tj8ber) - <http://bit.ly/2Tj8ber>

CTAHR Notes

Check out this week's CTAHR Notes: Issue 394, February 14, 2019

This week's issue includes:

[Awards... by Students and for Students](http://bit.ly/2H5PZP1) - <http://bit.ly/2H5PZP1>

[A Home Away From Home](http://bit.ly/2T6GB4K) - <http://bit.ly/2T6GB4K>

[Familiar Faces in New Places: Amjad Ahmad](http://bit.ly/2T5oGM5) - <http://bit.ly/2T5oGM5>

[Familiar Faces in New Places: Jennifer Hawkins](http://bit.ly/2UaSFyt) - <http://bit.ly/2UaSFyt>

[Lettuce Help You](http://bit.ly/2tFGBcO) - <http://bit.ly/2tFGBcO>

[A Fine Day for Swine](http://bit.ly/2SwjrzN) - <http://bit.ly/2SwjrzN>

Hawaii and Pacific Basin Farm Service Agency: February Newsletter 2019

Visit <http://bit.ly/2TqAecc> for the newsletter. This issue includes the following:

Acreage Reporting Dates

[Beginning Farmer Loans](#)

[Breaking New Ground](#)

[Preauthorized Debit Available for Farm Loan Borrowers](#)

[Save Time -- Make an Appointment with FSA](#)

[February 2019 Interest Rates](#)

[FSA Hawaii & Pacific Basin State Committee](#)

[Sign Up Today for Text Alerts from FSA](#)

[Hawaii County Mailing Address Update](#)
