

Kona Cooperative Extension – Events and Announcements Newsletter

Volume 14-3: February 2020

Contact me if you're interested!

I am participating in a USDA NIFA Organic Transitions grant proposal as a co-PI and we are looking for one or two additional farm collaborators.

This grant will look at the inclusion of shade trees, in particular, a sterile, hybrid *Leucaena* 'KX4-Hawaii' and mulch from this *Leucaena*. 'KX4-Hawaii' is a triploid hybrid of the meso-American species *Leucaena leucocephala* ssp. *glabrata* ($2n = 104$) and *Leucaena esculenta* ($2n = 52$). It is a fast-growing, vigorously responding N-fixing tree that makes a good all-around mulch. Biannual stumping/pollarding can be timed with seasonal coffee flowering/fruitletting and management cycles, so this can coincide with early *B. bassiana* application and control of CBB.

This is a 3-year project in which the trees can be planted in row with coffee for shade and mulch materials, or along coffee farm borders for windbreaks, potential shading, and mulch materials.

The project would provide assistance in planting, pruning, chipping and mulching. We also anticipate that the planting and mulch will be beneficial to the farm. In addition, we'd like to learn the pros and cons to including these 'KX4-Hawaii' trees as well as their mulch and will ask you survey questions during the project.

Might you be interested in supporting this project, and joining us as a collaborator?

There are no guarantees that we will get this funding, but we'll try our best, and will let farm collaborators know if we do or do not receive funding.

Please let me know if you are interested or have questions about partnering with us on this project, and contact me as soon as possible at andreak@hawaii.edu. If you decide to become a collaborator, I'll send you a letter template in which you can modify and submit back to us.

Thank you,
Andrea

Have your voice heard!

Needs Assessment for Agricultural Economics, Finance, and Business in Hawai'i 2020.
Survey from UH CTAHR Extension Agents.

Aloha,

We are recently-hired extension agents with the University of Hawai'i – Mānoa's College of Tropical Agriculture and Human Resources (CTAHR). Sarah works in the area of agricultural economics and Shannon works in the area of agricultural finance and business.

We are requesting your participation in a short survey to help us gain a better understanding of needs related to Hawai'i's food and agricultural system as well as your needs as a part of that system. The survey should take less than 10 minutes to complete. The results of this needs assessment survey will be used to help us develop programs throughout the state related to agricultural economics, finance, and business that can better help you.

If you are involved in food or agriculture in the state of Hawai'i, please take this survey by going to the following webpage <https://www.surveymonkey.com/r/MD9TYFK>.
Please complete this survey by March 18.

If you have questions about this needs assessment please call or email:

Sarah Rehkamp
Assistant Extension Agent
Agricultural Economics
808-969-8221
srehkamp@hawaii.edu

Shannon Sand
Assistant Extension Agent
Agricultural Finance
808-969-8217
srsand@hawaii.edu

Mahalo!

Sarah Rehkamp and Shannon Sand

UH CTAHR Cooperative Extension Offices was closed on the following days:

Thursday, March 26th, in observance of Prince Kuhio Day

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

Dear Growers and Friends,

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Mahalo!

Sarah Rehkamp and Shannon Sand

Reminder: Away from the Office

I will be on vacation and away from the office for work events from March 10-20 and March 30 to April 6. Please expect a delay in responses if you contact me during these dates. If you don't hear from me after the 20th and before the 30th or after the 6th, please follow-up with me.

-Andrea

Little Fire Ant Workshop - Kona



COOPERATIVE EXTENSION
UNIVERSITY OF HAWAII AT MĀNOA
COLLEGE OF TROPICAL AGRICULTURE AND HUMAN RESOURCES





Department
of Agriculture
STATE OF HAWAII

Little Fire Ant Workshop for Commercial Coffee, Fruit and Nut Growers

Wednesday, February 26, 2020
9:00 am – 11:30 am
Kona Cooperative Extension Service Conference Room
(79-7381 Mamalahoa Highway, Kealahou, HI 96750)

Registration is required. This class is limited to 30 participants.
Register at www.hawaiicoffeeed.com/lfa or contact Matt at 808-322-0164 by Feb. 24.







Actual size is 1/16th inch

Little Fire Ants (*Wasmannia auropunctata*) or LFA, are vicious little ants with a sting that can leave you in pain. They can be found in the home, in nearly any crack or crevice, or on the farm, in trees where they have been known to “rain down” on people causing serious welts and long lasting discomfort. If not controlled, LFA can become a major agricultural pest. They can infest fields, where they can damage crops and sting workers.

UH CTAHR and the Hawaii Ant Lab (HAL) welcome you to their informational and interactive workshop on Little Fire Ants. During this hands-on workshop, Kiyoshi Adachi of HAL will teach participants about LFA management basics. He will guide participants in surveying for LFA and demonstrate mixing of bait for treatment in orchard crop situations. UH Extension faculty and staff will be assisting with this event.

Participants will be given a free LFA sampling kit.

If you suspect LFA on your farm, please bring in a FROZEN/DEAD sample. Be sure to collect the ants in a jar or plastic container with a tight lid, freeze the ants for at least 2 days, and provide your name, collection location, and contact information with your sample.

‘Catuai’ Coffee Seedling Trees for Sale – Proceeds Support the Kona Research Station

I currently have 72 coffee seedlings of the variety 'Catuai' for sale. They are \$5 each, have been grown in sterile media, and can be planted upon receipt.

This is a one-time sale and all proceeds will go towards supporting the Kona Research Station and the coffee projects at the station. Please email me if you are interested in these plants. First come, first served basis. andreak@hawaii.edu

-Andrea



Workshop – Measuring The Things That Matter to Your Business by West Hawai'i Small Business Development Center – Kona

Wednesday, February 26, 2020

9:00 am – 11:30 am

Registration 8:45 am

Hale Iako, Suite 119, NELHA (OTEC) Campus

73-970 Makako Bay Drive

Kailua-Kona, HI 96740

Fee: \$20

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

Amy Greenwell Gardens' Grow Hawaiian Festival and Grand Re-Opening

Friends of Amy Greenwell Garden and Bishop Museum Present:

2020 Grow Hawaiian Festival and Grand Re-Opening

Amy BH Greenwell Ethnobotanical Garden

Saturday, February 29, 2020

9:00 am – 2:30 pm

82-6160 Mamalahoa Highway

Captain Cook, HI 96704

Please join me at the CTAHR and HDOA educational display booth. – Andrea

2020 Grow Hawaiian Festival and Grand Reopening



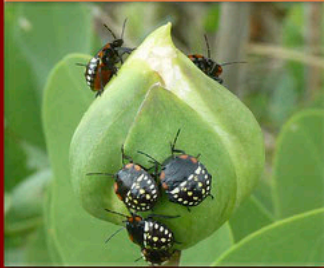
Saturday, February 29th 9:00 am —2:30 pm

Amy Greenwell Garden 82-6160 Māmalahoa Hwy, Captain Cook 96704
Offsite parking at Kealakekua Ranch Center, lower level (below ChoiceMART)
Shuttle to the site by Hawai'i Forest & Trail

Celebrating Hawaiian Culture & Natural History

Speakers, cultural demonstrations, music, hands-on-activities, informational displays, Hawaiian Arts Market, & food. (Big Jake's BBQ)
The first public event in over four years.
Kapa making, poi pounding, wood carving, Hawaiian dyes, ipu gourd decorating, weaving, net making, 'awa, sugar cane and taro experts on hand. Bring your mystery plants and bugs for expert botanists and entomologists to identify.

More info: <https://www.amygreenwell.garden>



Artwork & Design courtesy of: TryLookInside / 'Ouli Wai - Yvonne Yarator Carter © 2020

presented by

**Friends of Amy Greenwell Ethnobotanical Garden
and Bishop Museum—Sponsored by ChoiceMART**

with additional support from Kamehameha Schools,
Hawai'i Forest & Trail, and TryLookInside/'Ouli Wai Graphics

Friends of Amy Greenwell Garden and Bishop Museum Present
2020 Grow Hawaiian Festival and Grand Re-Opening

Amy BH Greenwell Ethnobotanical Garden
Saturday, February 29, 2020 9:00 am – 2:30 pm
Captain Cook, Hawai'i

Sponsored by ChoiceMART

This program is subject to change!

MAIN PROGRAM (big canopy)

9:00 – 9:20 **Opening and tribute to Amy Greenwell** *Maile Melrose, Meg Greenwell*
9:20-10:00 **Aloha from the Friends** *Maile Melrose*
10:00-10:30 **Bishop Museum and the Natural Sciences** *Pumehana Imada*
10:30-11:10 **Sharing the spirit of Ho'oulu ka 'Ulu (Revitalizing Breadfruit) with the Pacific Islands"** *with Aunty Shirley Ann Pualani Kauhahao and Craig Elevitch*
11:10-12:00 **Bishop Museum and a Vision of AGG** *Melanie Ide*
12:00-1:00 **Ukulele Concert** *South Kona Kūpuna Ukulele Band*
1:00-2:30 **Music by Apokolani** *featuring Keoki and Yvonne Yarber Carter*
2:30 **Closing and Pule**

GARDEN TOURS (meet at kukui tree)

9:30 **Ethnobotany and Cultural Treasures Tour** - Guide *Bobby Camara (tentative)*
11:00 **Native Plants Botany Tour** – Guide *Clyde Imada (Bishop Museum)*
1:00 **Rare Plants tour**—Guide *David Orr (Waimea Valley)*

MĀKEKE (HAWAIIAN ARTS MARKET)

9 :00-1:00 Items on sale at Visitor Center.

OTHER ATTRACTIONS (drop in any time)

PLANTS & ANIMALS

Plant identifications –*Kanoa Kimball, David Orr, Clyde Imada,*
Insects – *Stacey Chun, Pat Conant, Andrea Kawabata*
Sugar cane Cultivation and use *Noa Lincoln and friends*
'Awa cultivation *IsaacKaiana Runnels*

GARDEN ARTISANS

Weaving *Ben Heloca, Shirley Kauhahao, and others*
Ipu Gourds *Kalim Smith*
Kapa making *Roan Hufford and students,*
Hawaiian dyes *Lisa Raymond,*
Net making *Chuck Leslie*
Kālai—Hawaiian Wood carving *Jesse Kahoonei, Isaiah Smith and friends*
Cordage *Beau Jack Key*
Mahiole *Solomon Apio*

LOMILOMI DEMONSTRATIONS *Wesley Sen Hawai'i Lomilomi Association*

LĀ'AU LAPA'AU (Hawaiian herbal medicine) *Kaohu Montfort and students*

HANDS-ON ACTIVITIES

Ku'i kalo (Poi Making) *Keahi Tomas, Kamuela Meheula, Manuel Rego, Penny Levin*
Kōnane *Shane Akoni Nelson*
'Ohe kāpala *George Place Chantal Chung*

FRIEND OF THE GARDEN CONSERVATION MANAGEMENT PLAN

Drop in to be a part of planning for the future of Amy Greenwell Garden

DISPLAYS: Friends of Amy Greenwell Garden, UH Master Gardeners, Waikoloa Dry Forest, Haw Dept of Agriculture, CTAHR, Ka'ūpūlehu Dryland Forest, Bishop Museum, QLCC and others

Lunch for sale by Big Jake's BBQ (under big kukui tree);
Vegan 'ulu (breadfruit) curry plates available

Mahalo for generous support for this event from ChoiceMART, TryLookInside / Ōuli Wai Graphics, Hawai'i Forest and Trails, and Kamehameha Schools.

Avocados for Farm to State and/or Farm to School

The Hawaii Department of Agriculture has been asked to conduct initial market research on the possibility of using off-grade avocados to supply public institutions.

Please offer your thoughts:

- What growers can supply avocados for the school lunch programs? (DOE will follow-up)
- Do small-to-medium growers work with food hubs in their area?
- Are there food processors who could provide guacamole?

Feel free to share this email – more information, better decisions can be made!

Sharon

Sharon Hurd

Market Development Branch

Hawaii Department of Agriculture

(808) 973-9465

Sharon.K.Hurd@hawaii.gov

Hawaii County Producers May be Eligible for Emergency Conservation Program Assistance - Hawaii County USDA FSA

[Flash flooding has caused severe damage in the Pahala and Windward areas of the County.](#)

Farms and ranches suffering severe damage may be eligible for assistance under the Emergency Conservation Program (ECP) administered by the Hawaii County Farm Service Agency (FSA).

For land to be eligible, the natural disaster must create new conservation problems that, if untreated, would:

- be so costly to rehabilitate that Federal assistance is or will be needed to return the land to productive agricultural use
- is unusual and is not the type that would recur frequently in the same area
- affect the productive capacity of the farmland
- impair or endanger the land

A producer qualifying for ECP assistance may receive cost-share levels not to exceed 75 percent of the eligible cost of restoration measures. Eligible socially disadvantaged and beginning farmers and ranchers can receive up to 90 percent of the eligible cost of restoration. No producer is eligible for more than \$500,000 cost sharing per natural disaster occurrence. The following types of measures may be eligible:

- removing debris from farmland
- grading, shaping, or releveling severely damaged farmland
- restoring permanent fences

- restoring conservation structures and other similar installations

Producers who have suffered a loss from a natural disaster may contact the local FSA County Office and request assistance today through March 13, 2020.

To be eligible for assistance, practices must not be started until all of the following are met:

- an application for cost-share assistance has been filed
- the local FSA County Committee (COC) or its representative has conducted an onsite inspection of the damaged area
- the Agency responsible for technical assistance, such as the Natural Resource Conservation Service (NRCS), has made a needs determination, which may include cubic yards of earthmoving, etc., required for rehabilitation

For more information about ECP, please contact the Hawaii County FSA Office at 808-933-8381 or visit www.fsa.usda.gov/hi

2020 Hawaii Chocolate & Cacao Association Conference

**Are you a cacao farmer
or want to be one?**



Join us at the
2020 Hawaii Chocolate & Cacao Association Conference
March 27-29th, Hilo



This year's event is jam-packed with cacao farm tours, workshops, dynamic speakers, demonstrations and of course lots of CHOCOLATE!

All New This Year:

CACAO 101

Throw in a **FREE CACAO 101**- a full day event on Friday the 27th for new farmers or folks that want a refresher course on "best practices" from farm design to growing, harvesting, fermentation and drying. This event is **Free** for anyone attending the conference and only \$50.00 for those not attending the conference. If anyone want us to provide lunch add \$10.00. *If you are a new farmer coming from Kauai contact us for discounts on the event and travel reimbursements.*



The HCCA conference events and activities are open to all HCCA members and also to anyone who is interested in learning more about growing cacao or making chocolate in Hawaii, the industry, the supply chain or who just loves chocolate!

The fee for the 3 day event is \$200 per person. For the full itinerary of all the conference events, speakers and activities please check out the HCCA website: www.hawaii-chocolate.org

COFFEE BERRY BORER CONFERENCE

Saturday, April 4, 2020

7:30 am – 8:00 am Registration

8:00 am – 4:00 pm Conference

Courtyard by Marriott King Kamehameha's Kona Beach Hotel
75-5660 Palani Rd, Kailua-Kona, HI 96740

The USDA-Agricultural Research Service and University of Hawaii-CTAHR invite you to participate in the Coffee Berry Borer (CBB) Conference. This is an informational event where farmers, researchers, Cooperative Extension, and other agricultural professionals can gather and share their knowledge on managing this coffee pest.



Presentation topics will include:

- Area-wide IPM Program
- CBB Management
- CBB Monitoring
- Biological Control
- Cultural Practices
- Nematode Management
- Fertility Practices
- New Technology

Please join us! This event is a free* and open to all who are interested.

Doors will remain open for participants throughout the event. We look forward to seeing you there!

*Note: There is a hotel parking fee of \$5 with validation.

EVENT INFO & REGISTRATION

<http://cbbconference2020.eventbrite.com>

RSVP by March 31st

Questions? Contact Roseann Leiner
roseannl@hawaii.edu (808) 969-8256

Hosted by the Coffee Berry Borer
Area-wide Program



COOPERATIVE EXTENSION
UNIVERSITY OF HAWAII AT MĀNOA
COLLEGE OF TROPICAL AGRICULTURE AND HUMAN RESOURCES



For information or to request an auxiliary aid or service (e.g., sign language interpreter, designated parking, or materials in alternate format), contact Roseann (roseannl@hawaii.edu) at 808-969-8256 at least seven days before the activity/event.
