KADAI COUNTY FARM BUREAD AND (IH COLLEGE OF TROPICAL AGRICULTURE AND HUMAN RESOURCES

2nd Annual

PRESENTS

SATURDAY, **APRIL 8**

9:30 А.М. ТО 2:00 Р.М.

KAUAI COMMUNITY COLLEGE FRONT LAWN

Garden

Pai

Featuring 'The Island Homestead'

at the Kauai County Farm Bureau's 2017 Garden Fair

ome and join us for the 22nd ANNUAL GARDEN FAIR, Saturday, April 8, 2017 - 9:30 a.m. to 2 p.m. at the Kauai Community College front lawn.

Hosted by the Kauai County Farm Bureau and the University of Hawai'i at Manoa College of Tropical Agriculture & Human Resources (CTAHR), the annual Kauai Garden Fair is one of the largest gatherings of green thumbs on Kauai, and a great way to see and share the bounty of the island firsthand.

The Fair will be buzzing with gardeners, suppliers, garden lovers and consumers there to shop for a wide variety of plants, landscape products and equipment, and to find out the latest gardening information and tips. A wide variety of tropical plants, flowers, produce and seeds will be available for purchase representing farmers, nurseries and organizations from around the island.

The theme of this year's Garden Fair is The Island Homestead. Local veterinarian Caroline Olausen will be our guest speaker discussing small animal health on the homestead. Also on stage will be CTAHR Kauai Extension agents Josh Silva (discussing compost and healthy soils),



Laura Kawamura (nutrition from the garden), Kathryn Fiedler (homestead food safety), Richard Ebesu (insect pests and plant diseases), and the Kauai Invasive Species Committee (Planting Pono), and 4H presentations on how to make environmentally friendly newspaper pots; as well as a demonstration of hoof care for goats and lambs.

Each year at the spring Garden Fair we provide a preview of the theme for the summer Farm Fair, also hosted by the Kauai County Farm Bureau. This summer's 2017 Annual Fruit and Vegetable Show will have a special prize category for the best eggplant (of any variety). We will also have a special Youth Division in the Fruit and Vegetable Show, with dedicated prize money for those 15 years old and under.

At this year's Garden Fair, CTAHR's volunteer Master



Gardeners will be giving away free samples of eggplant seeds for you to plant and tend and harvest in your home garden. Feel free to use our seeds, or use your own special varieties. Try your hand at growing eggplants at home, and enter your best produce to win prizes at the summer Farm Fair.

See you at the Garden Fair!

We Still Believe That Hawai'i's Milk Should Come From Hawai'i

Local milk for local families is at the heart of our mission. Finding a sustainable way to do that is our goal. While it may take longer, we are committed to a future where our keiki and kupuna will fill their cups with milk truly made in Hawai'i.

Hawai'i Dairy Farms

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2 • Wednesday, April 5, 2017

The Garden Island

Who's at the fair?

The ONE-STOP shop for tropical plants, flowers, supplies, information and more

MAHALO to our SPONSORS:

- Aunty Lilikoi, LLC
- Kauai Kim Chee w/Miki Macs
- Kauai Nursery & Landscaping Kauai Nut Roasters
 - Mailelani's
- Makaweli Meat Company
- Moloaa Bay Coffee & Chocolates • Precious Kreations
- Salty Wahine Gourmet Hawaiian Sea Salts
 - Sustainable Boost, LLC
 - Tropical Flower Express • Wiki Wiki Worm Ranch
 - **Kauai Community**

Market Farmers • Alohalani Farm

- Cy Fostanes
- Hale Botanic
- Honi Honi Honey
- Kaapuni Nursery

Glory Farm • Lee's Bees

- Nana's Bananas
- PS Farm
- Remie Eugenio Farm
- Sakda Farm
- V's Garden
 - Watchara Farm
- Wirat Farm
- Yasaka Farm
- Baltazar Aggasid Farm Barkaroo, LLC
 - Elmer's Farm
- Hawaiian Organic Noni
- Hole in the Mountain • Kauai Betta
- Kauai Kunana Dairy • Lanipo Farm
- Monkeypod Jam
- Mariano R J Farm
 - Naikela
- Lins Farm
- Opu Road Nursery

Kauai Community Market value added vendors:

- Hanalei Taro & Juice Co. • Hawaiian Island Juice
- JC Puerto Rican Kitchen
- Kauai Family Cafe Ko Bakery/Hula Baby Biscotti
- Midnight Bear Breads • Ono Pops
 - Rafael's Aloha Tacos
 - Uncle D's Kauai BBO
- Haole Girl Island Sweets

Kauai Made

- A Gift From Maile
- Apple's Stuff
- · Clay in Mind
- CMH Design Studio, LLC
- Heart to Pieces
- Isabella's/Kauai Sunchatchers
 - Jules From Da Aina
 - Pieces & Stone
 - Pohaku Creation Scrappy Designs
 - SERES
 - Shells Hawaii
 - Terri Scarborough

KCFB Members

- Anthuriums & More • De La Pena Farms
- Juice Plus Tower Gardens
- M Kawamura Farms
- Wai'iti Soaps & Botanicals Sharyl Lam Yuen
 - GIRC&D, Inc. Forestry Committee

UH-College of Tropical Agriculture & Human Resources (CTAHR)

- Fruit Fly Control
- Invasive Pests & Food Safety
- UH-Master Gardener Program
 - GoFarm Program

• 4-H

- UH ~ Kauai Community College (KCC) Associates KCC Apiary & KBEE
- KCC Agricultural Education Government

Associates

• East & West Kauai Soil & Water **Conservation Districts** USDA Farm Service Agency

Trade Organizations/ **Clubs/Non-Profits**

- American Red Cross
- Kauai Bonvu Kai • Kauai Invasive Species Committee
- Kauai Native Plant Society
- National Tropical Botanical Garden

M. Kawamura

Farm Enterprises, Inc.



Garden Talks

his year's schedule of Garden Talks hosted by the University of Hawaii at Manoa - College of Tropical Agriculture and Human Resources (CTAHR) focuses on the theme, "The Island Homestead." Drop by and listen to talks on stimulating topics such as small animal health, compost and natural amendments, nutritional value of homegrown vegetables, food safety on the homestead, planting pono, and plant pest control. Also visit the CTAHR Agricultural Information booth to speak with Extension Agents and Master Gardeners, purchase UH seed varieties, and get pointers for this year's Farm Fair Fruit & Vegetable Show and Contest.



Caroline Olausen: Small Animal Health on the Homestead

9:30 to 10 a.m.

What are the components of success in rearing healthy animals on the homestead?

Come and meet Kauai house call veterinarian (and CTAHR research cooperator) Dr. Caroline Olausen and get information to help keep your animals healthy.

Garden Island Veterinarian is a non-profit mobile mixed animal veterinary practice serving the island of Kauai, ...

Caroline Olausen, 720-6793; gardenislandvet@gmail.com



Caroline Olausen

Kathryn Fiedler: Food Safety & Good **Agricultural Practices**

10 to 10:30 a.m.

Kathryn has worked with many types of food crops on the mainland and abroad.

Food safety practices will be discussed for everyone, with emphasis on the homesteader. Dr. Kathryn Fiedler, Jr. Extension Agent, CTAHR Kauai Extension Office;

Kathryn Fielder, 274-3477; kfiedler@hawaii.edu.



Kathryn Fiedler

Tiffani Keanini: Planting Pono

Help prevent invasive species! Learn about the Pono

Endorsement Program, invasive species, and testing

Tiffani Keanini, Program and Outreach Coordinator,

Kauai Invasive Species Committee, (KISC); 821-1490;

Noon to 12:30 p.m.

tkeanini@hawaii.edu

your yard for little fire ant.



Laura Kawamura: Health & Nutrition

11 to 11:30 a.m.

Learn how foods from the homestead garden can contribute to good health. Laura is an Extension Educator with UH-CTAHR on Kauai working with 4-H Youth and is also a Registered Dietitian Nutritionist.

Laura Jean Kawamura, M.P.H., R.D.N., Extension Educator, 4-H Youth Development and Nutrition, CTAHR Kauai Extension Office; 274-3473; ljk@hawaii.edu



Tiffani Keanini

Richard Ebesu: Insect and Plant Disease Problems on the Homestead

...

12:30 to 1 p.m.

Learn to identify and treat plant pests in your garden. An entomologist by training, Richard's specialty areas include fruits, coffee, cacao, and urban horticulture ...

Richard Ebesu, Associate Extension Agent, CTAHR Kauai Extension Office; 274-3475; rebesu@hawaii.edu.



Richard Ebesu

from the Garden

...

Laura Kawamura

Joshua Silva: Composts & Natural **Amendments for Soil Fertility**

10:30 to 11 a.m.

Learn composting and other techniques using natural products to increase the soil fertility on your homestead. Josh is an Extension Agent in sustainable agriculture and is also the coordinator for the UH Master Gardener program. ...

Joshua Silva, Jr. Extension Agent, Urban Horticulture and Master Gardener Coordinator, CTAHR Kauai Extension Office; 274-3478; jhsilva@hawaii.edu.



Joshua Silva

Garden Talks



Orsatelli

Ruiz

4-H Youth: Start Your Eggplant Seedlings in Newspaper Pots

1 to 1:15 p.m.

Learn how to make environmentally friendly newspaper pots and grow eggplant to enter and win prizes in the August 2017 Kauai Farm Fair Fruit & Vegetable Show. ...

Kiara Ruiz and Rayven Orsatelli, Kauai 4-H Livestock Club



4-H Youth: Hoof Care for Lambs and Goats

1:15 to 1:30 p.m.

4-H members will teach you about hoof care, and will demonstrate how to avoid disease with proper management, just as they do in their 4-H Market Projects. ...

Chantal Rusaw and Arianna Bukoski, Kauai 4-H Livestock Club



Kauai's only Specialty Garden Store Family Owned and Operated since 2011

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Wednesday, April 5, 2017 • 5

Educational Resources

CTAHR Educational Resources Available

Looking to start a home garden, troubleshoot an insect problem, or learn how to grow a certain kind of plant? Many learning opportunities and educational resources are available on Kauai to help.

The University of Hawaii at Manoa, College of Tropical Agriculture & Human Resources (UH-CTAHR) -

Kauai Cooperative Extension Service has extension agents on island that can consult and assist homeowners and farmers on a wide range of issues.

These agents are located in the State Building at 3160 Eiwa Street, Room 210, Lihue (phone 274-3471):

- Laura Kawamura, Assistant Extension Agent and registered dietician, with programs in 4-H, youth and nutrition: ljk@hawaii.edu
- Richard Ebesu, Associate Extension Agent specializing in garden vegetables and fruits, ornamentals, and identifying insect pests: rebesu@hawaii.edu
- Dr. Kathryn Fiedler, Jr. Extension Agent with expertise in plant pathology, Good Agricultural Practices (GAPS), the Food Safety Modernization Act (FSMA), and invasive species: kfiedler@hawaiii.edu
- Joshua Silva, Junior Extension Agent, coordinates and leads the Master Gardener

program, and is our soil and plant fertility specialist; jhsilva@hawaii.edu

Dr. Russell Messing, County Administrator, entomologist: messing@hawaii.edu

Go Farm Program

Go Farm's mission is to enhance Hawaii's food security and economy by increasing the number of local agricultural producers. Offering a combination of agricultural knowledge, experience, and support designed to assist participants in becoming viable production growers, and accomplish this in a manner that encourages sustainability. Emphasis will be on the practical skills and knowledge necessary to become a successful agricultural entrepreneur, thus the curriculum will cover the fundamentals of farm production and business management, and expose participants to the realities of farming through the experience of seasoned farmers. Services such as shared equipment, land, marketing, and business consulting are provided to participants.

The Go Farm training program is up and running for the spring/summer 2017 season and not accepting new students. However a new program will start this fall 2017.

Phases of the program include:

AgCurious is a three hour seminar to attract those with interest in getting involved in agricultural production. The Seminar provides them with an overview of the industry in Hawai'i and its importance. As well as conveying a sense of what is involved in farming, both as a farmer and farm worker, including: challenges and opportunities, costs and benefits, and lifestyle. AgCurious informs participants about various avenues to get started, but especially recruit those who want to know more about what it is like to be a farmer to the next phase (AgXposure).

AgXposure is Approximately 4 weekends of Farm Tours around Kaua'i. This phase provides participants with experiences that convey the lifestyle and knowledge important to farming exposing participants to what life would be like if they were to be a fulltime farmer. Recruit those who want to learn how to be a successful farmer and can make the necessary commitments to the next phase (AgSchool).

▶ AgSchool consists of 1 weeknight in the class room and 1 weekend on the farm for 4 months (additional time is often necessary to maintain crops). Topics delivered by experts and specialists include: Soil nutrients and plant health management, Propagation, Variety selection, Farm equipment, Irrigation, Pest control (pathogens, insects, nematodes, and weeds), Post harvest storage and handling, food safety. Participants acquire a fundamental understanding of the principals

underlying a broad spectrum of production topics.Participants practice on-farm the techniques related to critical production skills.Participants learn of the resources available to assist them and/or further their knowledge of farming.

AgPro is 1 weeknight & 1 weekend day for 6 months (additional time necessary to maintain crops). Open to select graduates of AgSchool. This phase provides a deeper learning on the production topics of Ag-School with emphasis on commercial production, and coverage of business topics for the entrepreneurial farmer including Cost of Production, Crop and Business Planning, and Marketing. Participants practice on-farm techniques on larger plots and market their crops. Participants practice techniques related to business management topics and develop a business plan. Participants learn of resources to assist them and/or further their knowledge of farming and business.

▶ Aglncubator (NEW - coming Spring 2018) Open to select graduates of AgPro.Participants practice farming their chosen crop on land provided by the program for up to three years. Continued access to program peers and experts as well as shared equipment and infrastructure.

Questions contact Eric Hansen (Kaua'i Program Coordinator/ Farm Coach) at 808-245-0129 email: kauai@gofarmhawaii.org or www.gofarmhawaii.org

Kauai Community College

K CC offers class for Credit Courses in Plant Biology and Tropical Agriculture (PBT) with the following degree and certificate options:

Degree Option:

Associate in Science (AS) in PBT
~ a 2-year degree (60 edits)

Certificate Options:

- Certificate of Competence (CO) in PBT (15 credits)
- Certificate of Achievement (CA) in PBT (35 credits)
- Academic Subject Certificate (ASC) (23 credits)

For additional details, please visit https://sites.google.com/a/ hawaii.edu/plant-biology-and-tropical-agriculture/program-overview Fall course registration opens April 10 and ends August 25 for August 21 to December 14 course dates.

Courses include Introduction to Horticulture (HORT 200), General Botany (BOT 101) and Plant BioScience Intern (PBT 290V).

For more information, contact Dr. Sharad P. Marahatta at (808)245-8251 or look for course descriptions of available classes for Kauai Community College through the UH System.

Facing CHALLENGES

27th ANNUAL Hawaii Tropical Fruit Growers Conference September 22 to September 29, 2017 Kaikodo Building 60 Keawe St Hilo, HI 96720 for more information contact: Ken Love (808) 323-2417 ken@mycoffee.net

Gifting, shipping options

Hawaiian tropical flowers, orchids and plants are in demand the world over for their outstanding quality, beauty and long life. Bouquets, arrangements and plants can make outstanding and unique Kauai Grown gifts for Mother's Day and graduation coming up this season.

For those with faraway friends and families, several of the nurseries and flower growers present at the Garden Fair are certified shippers who can pack and ensure flowers arrive for your special day.

Many of these items can be delivered directly from farms on Kauai to your Mom's door within two business days anywhere in the United States. Look for the certified shipper signs on site at the Garden Fair and ask about local delivery and pickup options.

To meet some of our local flower growers and nurseries and discover more Kauai Grown gift

 options, visit www.kauaigrown. org.

For online member sales and a directory of Kauai's commercial flower, orchid and foliage growers, visit the Hawaii Tropical Flower & Foliage Association at www.hawaiitropicalflowers.org.





Look for 4-H in the garden

By Laura Kawamura

ook for the green fourleaf clover with white "H" on each leaf representing head, heart, hands and health. Here you will find 4-H members and volunteer leaders sharing knowledge and skills with keiki and their families through hands-on learning stations. The Kauai 4-H Federation officers have planned a wonderful array of keiki activities to involve our youngest family members at the Garden Fair.

The Kauai 4-H Federation will have the following interactive learning stations for keiki as their way of thanking the community and businesses for supporting them throughout the year, and by putting into practice their public speaking skills and teaching others what they have learned. They invite

you to explore the following 4-H activities in the garden:

Petting Zoo

The petting zoo is open to all ages. It gives 4-H members the opportunity to practice public speaking stills and share their knowledge of animal husbandry with the community.

Photo Frame Decorating

Be creative and decorate a frame for your Garden Fair photo.

Bird Seed Bath

What's in a bath? Well ours is filled with 200 pounds of bird seed that children between the ages of 6 months to 4 years of age enjoy playing in. Not only do these chil-

dren get to feel the different textures of the bird seeds but they have the opportunity to increase their fine motor skills in a fun and imaginative way!

Deco-pots & Planting

Decorate your own pot, plant a seed and watch your plant grow! A simple and easy craft for those wanting to try and grow a plant in their own backyard!

Pin the Tail on the Rabbit

Can you help 4-H get the tail back on our rabbit? Come and join the fun!

Bubbles

Fill the air with fascinating bubbles! Explore the shapes

and colors that are created in the beautiful outdoors.

Glitter Tattoos

Get a removable glitter tattoo in celebration of the Garden Fair.

Easter Egg Dying

Eggs are a great source of protein and are lots of fun to dye into bright colors! Choose your egg color and get a head start on Easter!

FREE Plant Caddy Service

Need an extra hand? Our 4-H members will have wheelbarrows on hand and will gladly pick up your purchase and help you load your plants into your vehicle. This is a free service. Visit the Kauai 4-H tent or look for



posters on how to schedule a caddy. Any tips will be donated to a local charity. Also, don't forget to support our 4-H member presentations at 1:00 and 1:15 p.m. in front of the One Stop Center!

Interested in Becoming a Production Farmer in Hawai'i?



AGCURIOUS:

A three (3) hour seminar for those interested in getting involved in agricultural production. The Seminar provides an overview of the industry in Hawai'i and it's importance. As well as conveying a sense of what is involved in farming, both as a farmer and farm worker, including: challenges and opportunities, costs and benefits, and lifestyle

AGXPOSURE:

Farm Tours around Kaua'l over four (4) weekends. This class phase provides participants with experiences that conveys the lifestyle and knowledge areas important to farming and exposes students to what life would be like if they were to be a farmer.

AGSCHOOL:

One (1) week night in the classroom and (1) weekend on the farm or four months (additional time is often necessary to maintain crops). Topics delivered by experts and specialists include: Soil nutrients and plant health management, Propagation, Variety selection, Farm equipment, Irrigation, Pest control, Post harvest storage and handling, food safety.

AGPRO:

One (1) weeknight and (1) weekend day for 6 months (additional time necessary to maintain crops). Open to select graduates of AgSchool. This phase provides a deeper

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GoFarm Hawai'i

Mission is to enhance Hawaii's food security and economy by increasing the number of local agricultural producers by offering those with an interest in agriculture a combination of knowledge, experience, and support designed to assist them in becoming viable production growers, and

RSVP to kauai@gofarmhawaii.org or call 245-0129 | More info at www.gofarmhawaii.org



Questions contact Eric Hansen (Kaua'i Program Coordinator/ Farm Coach)



ARE YOU PROTECTING THE FOREST FROM YOUR BACKYARD?

The Pono Endorsement Program helps protect Kauai from invasive pests. Landscapers, growers, and gardeners can help by choosing to support local Pono Endorsed businesses.

Come by the KISC booth at Garden Fair to learn more.

Visit: www.kauaiisc.org/pono for more information



The Garden Island



PRESENTED BY THE KAUA'I COUNTY FARM BUREAU & THE UH COLLEGE OF TROPICAL AGRICULTURE & HUMAN RESOURCES



22nd Annual Kaua'i Garden Fair Saturday April 8, 9:30 am to 2:00 pm on the Kaua'i Community College Lawn

MAHALO TO OUR SPONSORS:

 Aunty Lilikoi, LLC • Family & Friends of Agriculture • Grove Farm • Kauai Kim Chee w/Miki Macs Kauai Nursery & Landscaping • Kauai Nut Roasters • Mailelani's • Makaweli Meat Company Moloa'a Coffee & Chocolate • Precious Kreations • Salty Wahine Gourmet Hawaiian Sea Salts Sustainable Boosts • Tropical Flowers Express • Wikiwiki Worm Ranch









THE BIGGEST ONE-STOP GARDEN SHOP ON KAUA'I! IF YOU ARE INTERESTED IN HOMESTEADING, YOU WILL ENJOY LEARNING ABOUT SMALL ANIMAL HEALTH, COMPOST & NATURAL AMENDMENTS, NUTRITIONAL VALUE OF HOMEGROWN VEGETABLES, FOOD SAFETY ON THE HOMESTEAD, PLANTING PONO, AND PLANT PEST CONTROL.

EDUCATIONAL, GOVERNMENT & NON-PROFIT RESOURCES KAUA'I 4-H, PETTING ZOO AND KEIKI ACTIVITIES KAUAI MADE & KAUAI GROWN PRODUCTS

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