



West Oahu Soil and Water Conservation District (SWCD)

Working with Farmers and Community to Conserve Hawaii's Soil and Water Resources since 1950.



**UPDATE: West Oahu SWCD agenda protocol**

All official business of West Oahu SWCD monthly meetings requires notice as per State of Hawaii Sunshine Law. Contact staff by phone or email 10 business days in advance of the meeting with the agenda item title and clarifying information (eg TMK). For example, this August the monthly meeting takes place on Tuesday, August 28. By August 14, please submit your agenda item as follows:

Item: New Cooperator Application; TMK: 000111222333

or

Item: Conservation Plan; TMK: 000111222333

Mahalo for your understanding,  
Your partners in conservation at West Oahu SWCD  
WestOahuSWCD@gmail.com  
808.729.1676  
<https://dlnr.hawaii.gov/swcd/westoahu/>



**FREE: Confidential FSMA Water Testing**

Farmers, ranchers and producers can now secure FREE, confidential water testing on O'ahu through the end of 2018.

Trained staff from Oahu Resource Conservation and Development Council will visit your site and collect samples, which will be tested to FSMA standards. A confidential report will

be provided to the producer. This effort will help with FSMA compliance.

To learn more or schedule a site visit, call O'ahu RC&D at (808) 622-9026.

This project is made possible through a collaboration with the Hawai'i Agriculture Research Center and funding from the Hawai'i Farm Bureau Federation.



### **Diamondback Moth Update**

The Diamondback moth is a pest to many crops including broccoli, Brussels sprouts, cabbage, cauliflower, Chinese broccoli, Chinese cabbage, head cabbage, mustard cabbage and watercress.

Found across the state of Hawaii, the caterpillars of this moth can quickly develop resistance to pesticides and, in addition, they are highly mobile. In West Oahu, farmers are experiencing increasing crop damage from this pest. Damage is due, in part, to pesticide resistance as well as planting practices that encourage breeding and feeding allowing the pest to quickly multiply and spread.

But there is good news! We can work together and reduce the negative impacts of this pest on Oahu farms.

Sound practices to manage pest populations include:

- **Pesticide rotation.** Below is the fall 2018 resistance management schedule developed by CTAHR.
- **Discing under crop debris immediately after harvest** to help prevent the buildup of diamondback moth and subsequent migrations to younger plants in adjacent fields (Flint, 1985).
- **Trap cropping**, or using highly pest attractive plants can be used to intercept and retain pests. One example is planting collard greens on field borders around cabbages - These moths love collards!
- **Coordinate planting schedules** and include crop rotations to reduce pest pressures for this and other species.
- Learn more by clicking the links below.


2018 West Oahu Diamondback Moth  
Resistance Management Program

Month of:	Rotation Product
July	Proclaim
August	Torac
September	Movento*
October	Coragen
November	Xentari
December	Torac

\*Apply Movento with back-to-back applications (rather than evenly spaced over the month) and at early crop stages. Follow the label for allowable uses and minimum application intervals. For more information, contact Joshua Silva with CTAHR Extension (jhsilva@hawaii.edu).

Much of the content for this article as well as more information on the Diamondback moth can be found online here: "[Growing Produce](#)" as well as on the [CTAHR website](#)

Photo Credit: Lyle Buss



Are you constantly searching for grants and funding to support your research? If yes, you may want to check out GrantForward. With a free 14 day trial that doesn't require your credit card info, you can explore their grant database and focused search abilities. GrantForward uses your research interests, publications, and other profile information to recommend the best-fitting grant opportunities to you.



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

With the support from the 2018 Hawaii State Legislature, Hawaii State Department of Agriculture, Hawaii Farm Bureau, Hawaii Farmers Union United, and many external partners and stakeholders, CTAHR is able to offer 10 new positions for immediate hire in four counties. Job descriptions below.

OAHU COUNTY

[#85460-- Jr/Asst Extension Agent, Ornamentals and Landscape \(Oahu\).](#)

[#85528-- Jr/Asst Extension Agent, Sustainable and Organic Agriculture Program \(SOAP\).](#)

-(Oahu).

KAUAI COUNTY

[#83152 – Jr/Asst Extension Agent, Livestock \(Kauai\)](#).

[#85371-- Jr/Asst Extension Agent, SOAP \(Kauai\)](#)

[#85387-- Jr/Asst Extension Agent, Ornamentals and Landscape \(Kauai\)](#).

HAWAII COUNTY

[#84045-- Jr/Asst Extension Agent, Agricultural Finance \(Hawaii\)](#).

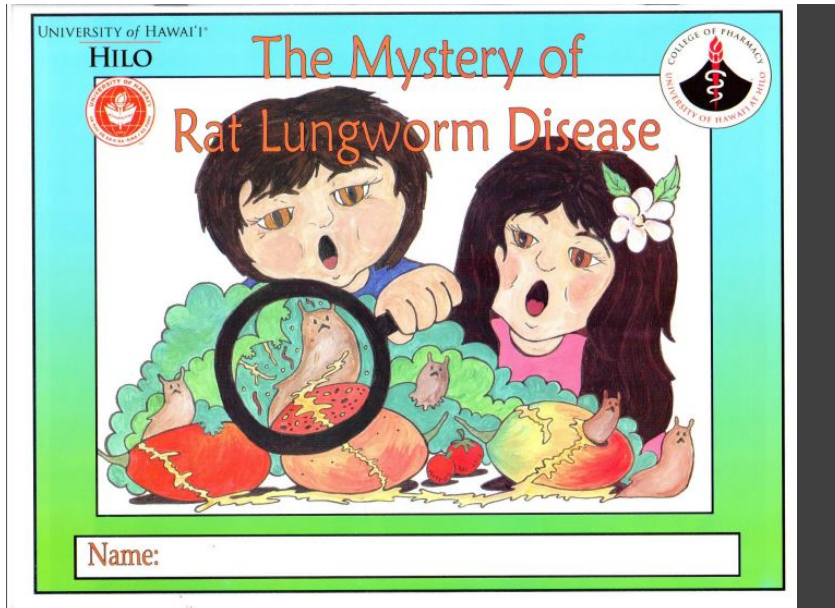
[#85336-- Jr/Asst Extension Agent, Agricultural Economics \(Hawaii\)](#).

MAUI COUNTY

[#85392-- Jr/Asst Extension Agent, Edible Crops \(Molokai\)](#).

[#85404-- Jr/Asst Extension Agent, Edible Crops \(Maui\)](#).

[#85423-- Jr/Asst Extension Agent, Ornamentals and Landscape \(Maui\)](#).



The University of Hawaii at Hilo developed [lesson plans on Rat Lungworm disease](#) to involve students as citizen scientists and partners in education on the subject of rat lungworm disease in Hawaii. The lessons cover the integrated pest management (IPM) plan for control of slugs and snails in school gardens and accompanying STEM curriculum. The lessons are aligned with Next Generation Science, Common Core Math, and Hawaii DOE standards. The lessons are intended for use for grades 5-8 but can be adapted for grades 9-12. Each lesson will include an overview of the standards that can be addressed, learner outcomes, reading for understanding, and suggested learner activities. Teachers are encouraged to develop additional activities, worksheets, and assessments, which can be added to this table.

Access resources [here](#). For example, check out this fun and educational video featuring "Pooper the Rat" on TeacherTube.



**Calendar of Events**

**Ag Events and Deadlines:**

August 6: Waianae Chapter HFUU Meeting - 6:00pm potluck

August 13: Waimanalo Chapter HFUU meeting - Ai Love Nalo

August 14: South County Farm Bureau meeting - HARC Lower Kunia

August 14: Agenda notifications due for the August 28 West Oahu SWCD meeting

August 13-16: Quickbooks training with [Kohala Center](#)

August 28: West Oahu SWCD monthly meeting at Nutrien - formerly CPS - please see article above regarding agenda notifications

[Hawaii Farm to School Calendar](#)

**Online Workshops with NRCS:**

Train on your own time with these great resources from NRCS. Explore the free, online training opportunities and a list of archived webinars [here](#)

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**West Oahu SWCD's Next Meeting:** August 28, 2018 at 12:30pm

**Location of all meetings:** Nutrien Conference Room (formerly Crop Production Services), Kunia Village 92-1770 Kunia Road, Kunia HI 96759. Please enter through the side door.

**West Oahu SWCD Directors:** Larry Jeffs (Chair), Peter Gibson, Alan Gottlieb, John McHugh, & Joe Para. Associate Directors: Mike Glidden and Kalani Fronza

About Us: The West Oahu Soil and Water Conservation District is committed to building partnerships that strengthen agriculture in Hawaii and contribute to a vibrant island community, environment, and economy.

Newsletter compiled by Michelle Gorham, West Oahu SWCD. Submit articles and information to [WestOahuSWCD@gmail.com](mailto:WestOahuSWCD@gmail.com)

Our work is powered by your donations, funding contributions and grants. Your tax deductible donation can be made online (click button below and scroll down to "West Oahu SWCD"). Make checks payable to O'ahu RC&D: West Oahu SWCD.

**Your Donation Supports Sustainable Farming**

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