

SB-2989

Submitted on: 1/29/2022 3:31:56 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Victoria Anderson	Individual	Support	No

Comments:

Please pass this important bill.

SB-2989

Submitted on: 1/29/2022 3:31:58 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Kelsey Amos	Individual	Support	No

Comments:

Healthy soil means healthy food and healthy people. #fixourfoodsystem

SB-2989

Submitted on: 1/30/2022 2:45:29 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Karen	Individual	Support	No

Comments:

I support the Healthy Soils Program, SB2989

In order to provide aid to farmers, to enhance Hawaii's agriculture in order to feed the people of Hawaii, funding is needed to support the healthy soils program. Healthy soils means increased crop production, as well as reducing the impact on soil conditions. Maintaining healthy soils means continued agricultural production in the future. Supporting agriculture, supports the people of Hawaii.

Please support SB2989.

SB-2989

Submitted on: 1/30/2022 3:43:42 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Ming Wei Koh	Testifying for Center for Getting Things Started	Support	No

Comments:

Center for Getting Things Started strongly supports SB2989 as a measure to #fixourfoodsystem.

We are a small non-profit and have conducted more than 25 trainings on creating and caring for healthy soils as a carbon sequestration measure as well as to raise healthy crops. Healthy soil = healthy crops = healthy people. We need to reward and commend farmers and gardeners who practice regenerative agriculture, thus improving the diverse soils of our amazing islands.

Koh Ming Wei, PhD

Executive Director/Ecoliteracy Educator

mingwei@c4gts.org

SB-2989

Submitted on: 1/31/2022 9:10:36 AM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Sharon Shields	Individual	Support	No

Comments:

#fixourfoodsystem Healthy soil programs are essential to our food stability in our community. Education for farmers is a life line for healthy society.

SB-2989

Submitted on: 1/30/2022 2:49:13 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Anne Borman	Individual	Support	No

Comments:

I fully support this bill as it will improve our farming.

SB-2989

Submitted on: 1/31/2022 9:15:40 AM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Kris Bordessa	Individual	Support	No

Comments:

Hawai'i Island has a dearth of soil in many areas. Creating a healthy soils program can help combat that issue. Healthy soils come from eliminating the use of poisons and developing a compost system that utilizes waste products, both of which are good for the land, far and above the creation of healthy soils. Please support SB2989.

Thank you,

Kris Bordessa

SB-2989

Submitted on: 1/31/2022 10:25:58 AM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Caroline Azelski	Individual	Support	No

Comments:

Please support and **#fixourfoodsystem.**

SB-2989

Submitted on: 1/31/2022 12:15:33 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Rivah Winter	Individual	Support	No

Comments:

I am in support of this bill, which will help to empower Hawaii's food system.
#fixourfoodsystem

SB-2989

Submitted on: 1/31/2022 12:26:53 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Anna Symonds	Individual	Support	No

Comments:

Soil health is our health! **#fixourfoodsystem**

SB-2989

Submitted on: 1/31/2022 12:34:22 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Lisa DeSantis	Individual	Support	No

Comments:

I support SB2989

SB-2989

Submitted on: 1/31/2022 3:00:30 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Kilia Purdy-Avelino	Individual	Support	No

Comments:

My name is Kilia Purdy-Avelino. I am a 4th generation homesteader on Molokai. Heathy soils are pertinent to growing healthy foods! After decades and generations of large corporations utilizing our lands in Hawaii and the chemicals that have polluted our soil, there should be more initiative in restoring our soils to good health through program training and funding for farmers. Mahalo!

SB-2989

Submitted on: 1/31/2022 12:52:44 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Gerry Ross	Individual	Support	No

Comments:

Sequestration of carbon dioxide in soil is the path forward to drawing down carbon dioxide from the atmosphere, building excellent soil, and promoting sustainable farming practices for the future. This is a great bill.

SB-2989

Submitted on: 1/31/2022 3:51:53 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Maureen Datta	Testifying for Adaptations Inc	Support	No

Comments:

I support this bill.

SB-2989

Submitted on: 1/31/2022 6:51:30 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Ken Stover	Individual	Support	No

Comments:

Healthy soils are the backbone of our civilization, not only as the basis of our food, but also as a major means of capturing excess CO2. remediate soils = healthy soils= healthy humans=healthy planet.

SB-2989

Submitted on: 1/31/2022 8:15:16 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Dylan Ramos	Individual	Support	No

Comments:

Aloha Chair Gabbard, Vice Chair Nishihara, and AEN Committee Members,

I support this bill for Hawaii's farmers, families, and 'āina. In conjunction with bills supporting farm-to-table programs, composting, cover crops, carbon sequestration, and sustainable agriculture, SB2989 can advance public, ecological, and even economic health. Furthermore, as a key battleground in the global fight against pesticide pollution, Hawaii deserves a focus on healthy soils.

Mahalo,
Dylan Ramos

SB-2989

Submitted on: 1/31/2022 9:52:45 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
lauren bell	Individual	Support	No

Comments:

The healthy soils program will have short term and long term positive impacts for our community, farmers and food access. #fixourfoodsystem

SB-2989

Submitted on: 1/31/2022 10:57:39 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Robert Bence	Individual	Support	No

Comments:

Aloha I support helthy soils SB2989 great bill soil is key to health. Mahalo

DAVID Y. IGE
GOVERNOR



CRAIG K. HIRAI
DIRECTOR

GLORIA CHANG
DEPUTY DIRECTOR

STATE OF HAWAII
DEPARTMENT OF BUDGET AND FINANCE
P.O. BOX 150
HONOLULU, HAWAII 96810-0150

EMPLOYEES' RETIREMENT SYSTEM
HAWAII EMPLOYER-UNION HEALTH BENEFITS TRUST FUND
OFFICE OF THE PUBLIC DEFENDER

ADMINISTRATIVE AND RESEARCH OFFICE
BUDGET, PROGRAM PLANNING AND
MANAGEMENT DIVISION
FINANCIAL ADMINISTRATION DIVISION
OFFICE OF FEDERAL AWARDS MANAGEMENT (OFAM)

WRITTEN ONLY
TESTIMONY BY CRAIG K. HIRAI
DIRECTOR, DEPARTMENT OF BUDGET AND FINANCE
TO THE SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT
ON
SENATE BILL NO. 2989

February 2, 2022
1:00 p.m.
Room 224 and Videoconference

RELATING TO AGRICULTURE

The Department of Budget and Finance (B&F) offers comments on this bill.

Senate Bill (S.B.) No. 2989 adds a new section to Chapter 141, HRS, to establish a Healthy Soils Grant Program (HSGP) within the Department of Agriculture to: define the terms “healthy soils” and “healthy soils practice”; create a statewide soil health assessment with a list of practices specific to the State that are effective in improving soil health and building soil carbon stocks; provide farmers with education and technical assistance to implement practices that contribute to healthy soils; establish standards that apply to the HSGP based on the findings of reports completed by the Greenhouse Gas Sequestration Task Force; and award grants and other financial incentives to implement practices recommended by the HSGP. This bill also establishes the HSGP Special Fund (HSGPSF), appropriates an undetermined amount of general funds in FY 23 to be deposited into the HSGPSF, and appropriates an undetermined amount of special funds out of the HSGPSF in FY 23 to effectuate the HSGP.

B&F notes that, as a matter of general policy, the department does not support the creation of any special fund which does not meet the requirements of

Section 37-52.3, HRS. Special funds should: 1) serve a need as demonstrated by the purpose, scope of work and an explanation why the program cannot be implemented successfully under the general fund appropriation process; 2) reflect a clear nexus between the benefits sought and charges made upon the users or beneficiaries or a clear link between the program and the sources of revenue; 3) provide an appropriate means of financing for the program or activity; and 4) demonstrate the capacity to be financially self-sustaining. Regarding S.B. No. 2989, there does not appear to be any significant source of revenues to support the HSGPSF aside from appropriations from the general fund.

B&F also notes that the federal Coronavirus Response and Relief Supplemental Appropriations Act requires that states receiving Elementary and Secondary School Emergency Relief (ESSER) II funds and Governor's Emergency Education Relief II funds must maintain state support for:

- Elementary and secondary education in FY 22 at least at the proportional level of the state's support for elementary and secondary education relative to the state's overall spending, averaged over FYs 17, 18 and 19; and
- Higher education in FY 22 at least at the proportional level of the state's support for higher education relative to the state's overall spending, averaged over FYs 17, 18 and 19.

Further, the federal American Rescue Plan (ARP) Act requires that states receiving ARP ESSER funds must maintain state support for:

- Elementary and secondary education in FY 22 and FY 23 at least at the proportional level of the state's support for elementary and secondary education relative to the state's overall spending, averaged over FYs 17, 18 and 19; and

- Higher education in FY 22 and FY 23 at least at the proportional level of the state's support for higher education relative to the state's overall spending, averaged over FYs 17, 18 and 19.

The U.S. Department of Education has issued rules governing how these maintenance of effort (MOE) requirements are to be administered. B&F will be working with the money committees of the Legislature to ensure that the State of Hawai'i complies with these ESSER MOE requirements.

Thank you for your consideration of our comments.

SB-2989

Submitted on: 2/1/2022 9:16:21 AM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Steven Whaley	Individual	Support	No

Comments:

I support!

SB-2989

Submitted on: 2/1/2022 9:22:46 AM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Reba Lopez	Individual	Support	No

Comments:

As president of the Haleakala Chapter of the Hawaii Farmers Union United, and a family farmer at Birds with Arms Farms, I would like to testify in support of this bill. Mahalo.

SB-2989

Submitted on: 2/1/2022 10:25:32 AM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Tierra Bartolotti	Individual	Support	No

Comments:

Aloha Hawai'i State Legislators,

I stand in full support for SB 2989. Allocating state funding to support the understanding, health, and remediation of Hawai'i's soils is imperative to the longevity of our local agricultural sector. Additionally, providing farmers with the educational and technical assistance to implement farm management practices that contribute to healthy soils is greatly needed on our outer islands especially. I greatly appreciate that this bill has been introduced.



Food+ Policy Internship 2022

food@purplemaia.org

1 February 2022

To: Chair Mike Gabbard, Vice Chair Clarence Nishihara, and the Senate Committee on Agriculture and Environment

Re: SB2989, RELATING TO AGRICULTURE

I, Kahealani Acosta, testify **IN SUPPORT w/ amendments** of **SB2989**, relating to agriculture.

Hawai'i is positioned as a model ecosystem, especially for having 10 of the 12 soils of the world -- all of which originate from one basaltic, parent source. Soil health, or the capacity for soil to function, is critical for human survival [1]. Soil can be considered as a living organism and requires active nurturing and protection to secure and ensure resources for future generations. Soil health is defined by the balance of chemical, physical, and biological properties [2]. Maintaining these properties, and remediation of degraded soils, is a key strategy towards ecological restoration, positive environmental impact, and addressing soil as an endowment to future generations of the Hawaiian people [3]. In order to reach Hawai'i's state goals of doubling food production, we as an island community must prioritize the health and abundance of our soils. However, Hawai'i must be clear in the stated goals, outcomes, and priorities of establishing a healthy soils program. I suggest considering the following amendment to Section 1(a) --

- Define key metrics and indicators for chemical, physical, and biological factors that define a healthy soil

As a graduate student of indigenous cropping systems, a budding farmer, and advocate for sustainable and resilient food systems, I urge the committee to pass SB2989, with regard to the proposed amendment. On behalf of the Hawai'i Food+ Policy Internship, I would like to thank Chair Gabbard, Vice Chair Nishihara, and members of the Senate Committee on Agriculture and Environment, for considering the comments made herein.

Me ka mahalo nui (with deep gratitude),
Kahealani & the Food+ Interns
#fixourfoodsystem

The Food+ Policy internship develops student advocates who learn work skills while increasing civic engagement to become emerging leaders. We focus on good food systems policy because we see the importance and potential of the food system in combating climate change and increasing the health, equity, and resiliency of Hawai'i communities.

In 2022, the cohort of interns are undergrads and graduate students from throughout the UH System. They are a mix of traditional and nontraditional students, including parents and veterans, who have backgrounds in education, farming, and Hawaiian culture.

unlock the secrets in the soil

www.nrcs.usda.gov

"We know more about the movement of celestial bodies than about the soil underfoot."

-Leonardo da Vinci



Living in the soil are plant roots, bacteria, fungi, protozoa, algae, mites, nematodes, worms, ants, maggots, insects and grubs, and larger animals.

science of soil

soil is made of about **45%** minerals, **25%** water, **5%** organic matter, and **25%** air



what's underneath



Healthy soil has amazing water-retention capacity.

Every **1%** increase in organic matter results in as much as **25,000** gal of available soil water per acre.



One teaspoon of healthy soil contains

100 million-1 billion individual bacteria



All of the soil microbes in **1ac/ft** of soil weigh more than **2 cows**

Earthworm populations consume **2 tons** of dry matter per acre per year, partly digesting and mixing it with soil



what it does



Healthy soil is key to feeding **9 billion** people by **2050**

Sources: Composition of soil: The Nature & Properties of Soils page 17 (Myle Brady, Ray R Weil) | Water holding capacity: Kansas State Extension Agronomy e-Updates, Number 357, July 6, 2012 | Bacteria in a teaspoon: Soil Biology Primer page c-1 (Elaine Ingham, Andrew R. Moldenke, Clive Edwards) | Microbes weight: The Nature & Properties of Soil page 459 | Earthworm population consumption: Earthworms a Penn State publication by Sjoerd Duiker, Assoc. Prof. of Soil Management and Richard Stehouwer, Assoc. Prof. environmental Soil Science | Feeding people: The United Nations | USDA is an equal opportunity provider and employer.



Food+ Policy Internship 2022

food@purplemaia.org

References

[1] <http://soilhealth.cals.cornell.edu>

[2] <https://soilhealthhawaii.org/what-is-soil-health/>

[3] Enos, Kameula. (2018). Director of Indigenous Innovations, University of Hawai'i at Mānoa. Personal Communication. Interview for OHA's Conceptual Master Plan for 511-acre property in Wahiawā.

The Food+ Policy internship develops student advocates who learn work skills while increasing civic engagement to become emerging leaders. We focus on good food systems policy because we see the importance and potential of the food system in combating climate change and increasing the health, equity, and resiliency of Hawai'i communities.

In 2022, the cohort of interns are undergrads and graduate students from throughout the UH System. They are a mix of traditional and nontraditional students, including parents and veterans, who have backgrounds in education, farming, and Hawaiian culture.

SB-2989

Submitted on: 2/1/2022 11:57:58 AM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Cara Oba	Individual	Support	No

Comments:

Senators Gabbard, Nishihara, Acasio, Fevella and Rhoads,

Hawaii has a diversity of soil types that each have unique characteristics and implications for agriculture and carbon sequestration opportunities. To date, we do not have adequate baseline measures and understanding of our soils to evaluate how best to optimize what we have. It is crucial that we better understand how to preserve and enhance our soils to ensure we do our utmost for food security purposes while obtaining the most co-benefits such as carbon sequestration, water quality, and food health/safety. This bill would promote such activities through the study and monitoring of soil health through this program. This is a very important and necessary first step towards implementing further actions. This is far better than a study alone as it allows the state to take immediate action on findings that come out of the program to inform new actions. To drive the most positive change, I would hope that the program would adjust incentives as they identify better solutions. This is the kind of work that we need -- learning and adjusting as we go and starting with exploratory action to build the knowledge we need to assess our optimal solutions and develop feasible long term goals. This offers hope regarding our ability to take action towards food security and climate change/carbon sequestration actions. I support this bill.

Thank you for your time and consideration.



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e-mail info@hfbf.org; www.hfbf.org

FEBRUARY 2, 2022

HEARING BEFORE THE
SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT

TESTIMONY ON SB 2989
RELATING TO SUSTAINABLE AGRICULTURE

Conference Room 224 & Videoconference
1:00 PM

Aloha Chair Gabbard, Vice-Chair Nishihara, and Members of the Committee:

I am Brian Miyamoto, Executive Director of the Hawaii Farm Bureau (HFB). Organized since 1948, the HFB is comprised of 1,800 farm family members statewide and serves as Hawaii's voice of agriculture to protect, advocate and advance the social, economic, and educational interests of our diverse agricultural community.

The Hawaii Farm Bureau supports SB 2989, which requires the Department of Agriculture to establish a Healthy Soils Program

HFB strongly supports the concept of building soil structure and nutrient capacity. Caring for the soil is a cornerstone to having multigenerational farms that continue to provide for the people of Hawaii. Many of our farms add compost made off-site as well as utilize short-term fallow between crop cycles to increase organic content in their soils. HFB recognizes and supports the diversion of discarded food and other useful wastes away from landfills. The benefits of this and of composting are well-known.

Farming is a tough business. High production costs are a major driver of narrow profit margins for Hawaii's farmers. Land, water, labor, taxes, transportation, utilities, inputs, invasive species, and food safety regulations are all costs of doing business that often results in our farmers just being able to break even. HFB supports this initiative that could reduce the cost of production for local farmers. This is another mechanism that can help locally produced goods compete with imported products, strengthening our local economy.

Thank you for this opportunity to testify on this important subject.

DAVID Y. IGE
Governor

JOSH GREEN
Lt. Governor



PHYLLIS SHIMABUKURO-GEISER
Chairperson, Board of Agriculture

MORRIS M. ATTA
Deputy to the Chairperson

State of Hawaii
DEPARTMENT OF AGRICULTURE
1428 South King Street
Honolulu, Hawaii 96814-2512
Phone: (808) 973-9600 FAX: (808) 973-9613

**TESTIMONY OF PHYLLIS SHIMABUKURO-GEISER
CHAIRPERSON, BOARD OF AGRICULTURE**

BEFORE THE SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT

**WEDNESDAY, FEBRUARY 2, 2022
1:00 P.M.
VIA VIDEOCONFERENCE**

**SENATE BILL NO. 2990
RELATING TO AGRICULTURE**

Chairperson Gabbard, and Members of the Committee:

Thank you for the opportunity to testify on Senate Bill No. 2990. The bill requires the Department to establish a three-year cover crop reimbursement pilot program to reimburse farming operations in the State for the costs of acquiring cover crop seeds, green manure or compost.

The Department supports the intent of the bill emphasizing the advantages cover crop systems may have to increase soil health and agricultural productivity in the State. The Department also made comments on a similar measure, SB3005, which the Department considers the preferred vehicle for establishing a cover crop reimbursement pilot program. The Department also has concerns that there may be unwanted disadvantages of using cover crops, such as potential increase in the presence of insect pests or plant diseases that may adversely impact crops following cover crops if the cover crop species list is not thoroughly evaluated. The Department offers assistance to collaborate with UH CTAHR researchers and Cooperative Extension Specialists in this matter. Some cover crops may also exhibit allelopathic interactions with other crops, releasing biochemicals with potentially harmful effects to successive crops. Poorly or incompletely managed cover crops can behave like noxious weeds, if left unchecked. In



addition, most cover crops commonly recommended and used in the State are not native to Hawaii and some may be susceptible to the new invasive pasture pest, the Two Lined Spittle Bug.

Thank you for the opportunity to submit testimony.

SB-2989

Submitted on: 2/1/2022 2:10:08 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Nanea Lo	Individual	Support	No

Comments:

Hello,

My name is Nanea Lo. I come from Papakōlea, O‘ahu. I'm a Kanaka Maoli born and raised in the Hawaiian Kingdom. I'm writing in full support of SB2989.

We should require the Department of Agriculture to establish a Healthy Soils Program because land is everything and we should take care of it while we still can.

Support SB2989.

me ke aloha ‘āina,

Nanea Lo



Officers

Vincent Mina
State President
HFUU

Anabella Bruch
Vice-President
HFUU

Maureen Datta
Secretary
HFUU

Reba Lopez
HFUU Treasurer

Chapter Presidents

Dash Kuhr
Kohala, Hawai'i

Drake Weinert,
East Hawai'i

Steve Lund
Puna, Hawai'i

Andrea Drayer
K'au, Hawaii

Maureen Datta
Kona, Hawai'i

Robert Boudreaux
Hana, Maui

Reba Lopez
Haleakala, Maui

Bobby Pahia
Mauna Kahalawai,
Maui

Kaipo Kekona
Lahaina, Mau

Brynn Foster
North Shore, Oahu

Christian Zuckerman
Wai'anae, Oahu

Vincent Kimura
Waimanalo, Oahu

Anabella Bruch
Kauai

Aloha Chair Gabbard, Vice Chair Nishihara, and Members of the Committee on Agriculture and Environment,

The Hawaii Farmers Union United (HFUU) is a 501(c)(5) agricultural advocacy nonprofit representing a network of over 2,500 family farmers and their supporters across the Hawai'ian islands. **HFUU strongly supports SB2989** and the development of a robust soil health program within the Hawaii Department of Agriculture.

The Hawaii Healthy Soils Program (HSP) is intended to house multiple incentives, like those for cover crops ([SB2990](#)) and compost ([SB3004](#) and [SB2288](#)). This approach is similar to California's [Healthy Soils Program](#) which funds demonstration and implementation grants that support myriad conservation agriculture practices.

The forthcoming GHG sequestration task force report will further delineate best practices that can be incorporated into future incentives. The Hawaii HSP will serve as a mechanism to expand resourcing of these and similar incentives. Conceivably the HSP, similar again to CA's approach, could be stewarded by an expert support panel, akin to or utilizing the GHG sequestration task force.

As initial incentives, compost application and cover cropping were selected because they are among the top conservation agriculture practices incorporated into NRCS plans for Hawaii farmers and from discussion with conservation planners.

Mahalo for the opportunity to testify.

Vincent Mina President HFUU/HFUF

SB-2989

Submitted on: 2/1/2022 3:46:08 PM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Harriet Witt	Testifying for Hawaii Farmers Union United	Support	No

Comments:

None of us can be any healthier than the soil where our food grows. For too long our food has been grown in soils depleted by chemicals. Please support this bill to bring the life back to the soil and to our bodies. Mahalo, Harriet Witt, 43 Puu Koa Place, Haiku, Maui

SB-2989

Submitted on: 2/2/2022 9:35:55 AM

Testimony for AEN on 2/2/2022 1:00:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
joann sarubbi md	Individual	Support	No

Comments:

#FIXOURFOODSYSTEM