

DAVID Y. IGE
Governor

JOSH GREEN
Lt. Governor



PHYLLIS SHIMABUKURO-GEISER
Chairperson, Board of Agriculture

GLENN K. MURANAKA
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 HOUSE COMMITTEE ON FINANCE

**APRIL 3, 2019
2:00 P.M.
CONFERENCE ROOM 308**

**SENATE BILL NO. 752 SD1
RELATING TO AGRICULTURE**

Chairperson Luke and Members of the Committee:

Thank you for the opportunity to present testimony on Senate Bill 752 SD1. This bill appropriates funds to the University of Hawaii, College of Tropical Agriculture and Human Resources for statewide research and prevention of the spread of ornamental ginger pathogens. The Department of Agriculture supports this measure.

Ornamental ginger is a traditional component in island flower arrangements and is popular for use in home and commercial displays. Red and pink ginger flower bracts are used in lei making. Ornamental ginger is also used widely in landscaping and creates the tropical effect that symbolizes Hawaii.

Funding for Statewide surveillances and diagnostics of ornamental ginger pathogens will contribute towards curbing the spread of diseases and improve the profitability and the long-term sustainability of local ornamental and landscape production industries.

Thank you for the opportunity to testify on this measure.





UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

Testimony Presented Before the
House Committee on Finance
Wednesday, April 3, 2019 at 2:00 p.m.

By
Nicholas Comerford
Dean, College of Tropical Agriculture and Human Resources
And
Michael Bruno, PhD
Interim Vice Chancellor for Academic Affairs
Vice Chancellor for Research
University of Hawai'i at Mānoa

SB 752 SD1 – RELATING TO AGRICULTURE

Chair Luke, Vice Chair Cullen, and members of the Committee on Finance.

Thank you for the opportunity to testify on SB 752 SD1 relating to agriculture and ornamental ginger and which appropriates funding for fiscal years 2019-2020 and 2020-2021 for statewide research and prevention of the spread of ornamental ginger pathogens. The University of Hawai'i at Mānoa (UHM), College of Tropical Agriculture and Human Resources (CTAHR) supports this bill and we respectfully provide the following information to substantiate our position. This testimony is very similar to that provided for the original SB 752 bill.

SB 752 SD1 is an example of the biosecurity issues facing agriculture in Hawai'i. Ornamental ginger is a valued plant that can be used as a shrub or as a cut flower. CTAHR scientists have been able to identify three different viruses and one fungal pathogen that are infecting ornamental ginger. In addition, the Hawai'i Department of Agriculture (HDOA) scientists have identified the presence of fourteen additional pathogens. At this time, it is not known which agent(s) is/are the primary cause of the decline, and which are secondary pathogens infecting a weakened plant. Another question is whether the problem will expand to other islands; raising the possibility of a quarantine of ornamental ginger on O'ahu.

It is the consensus of CTAHR and HDOA scientists that more diagnostics and a statewide survey is needed before quarantine should be considered. The HDOA has already provided funds of approximately \$120,000 in FY 2019 to address the situation and work has begun. An additional sum (\$200,000 in the original version) is being requested in this bill in order to complete the diagnostics, conduct a statewide survey, and to subsequently investigate the dieback issue and its solution.

We anticipate that the current sum from HDOA will allow us to continue the work and start a survey. The additional funds are requested to finish the survey in order to determine the need for quarantine; while also working on an integrated pest management program to address this issue.

Biosecurity issues like this happen. We never know when they will occur, what will be the scope of the problem, what may be the cause of the problem, and what will be the resulting solution. CTAHR's budget within UHM is not equipped to consistently address such issues. While we have the expertise in both research and extension, the funding is unavailable. This bill addresses that lack of funding for fiscal years 2019-2020 and 2020-2021; and hopefully brings this issue to a successful conclusion.

We support this bill provided that its passage is in addition to and does not replace or adversely impact priorities in the University of Hawai'i as indicated in our BOR Approved Budget.

Thank you for the opportunity to submit testimony.



April 1, 2019

Representative Sylvia J. Luke, Chair
Representative Ty J.K. Cullen, Vice Chair
House Committee on Finance

Testimony in Support of SB 752, SD1, Relating to Agriculture (Appropriates funds to the University of Hawaii College of Tropical Agriculture and Human Resources (UHCTAHR) for research and prevention of the spread of ornamental ginger pathogens.)

Wednesday, April 3, 2019, 2:00 p.m., in Conference Room 308

The Land Use Research Foundation of Hawaii (LURF) is a private, non-profit research and trade association whose members include major Hawaii landowners, developers and a utility company. LURF's mission is to advocate for reasonable, rational and equitable land use planning, legislation and regulations that encourage well-planned economic growth and development, while safeguarding Hawaii's significant natural and cultural resources, and public health and safety.

LURF appreciates the opportunity to express its **support of SB 752, SD1.**

SB 752, SD1. This bill proposes to make an appropriation to the UHCTAHR for statewide research of pathogens affecting ornamental ginger and prevention of pathogen spread.

LURF's Position. Invasive species such as insects, disease-bearing organisms, snakes, weeds, and other pests pose the greatest threat to Hawaii's economy, tourism, agriculture, the natural environment, native species and to the health and lifestyle of Hawaii's people. Invasive species already cause millions of dollars in crop losses, the extinction of native species, the destruction of native wet, moist and dry land forests, and the spread of disease, but even more harmful viral, fungal and unidentified bacterial pathogens such as the unknown pathogen causing devastating crop decline in ornamental ginger in windward Oahu, now threaten to invade all of the Hawaiian Islands and wreak further damage.

Despite initial efforts by the UHCTAHR and the Department of Agriculture to address this critical situation, more research and a multi-agency outreach approach is necessary

to avoid further damage to the profitability and long-term sustainability of local ornamental and landscape production industries.

For the above reasons, LURF **supports SB 752, SD1** and respectfully urges your favorable consideration.

Thank you for the opportunity to present testimony regarding this matter.



P.O. Box 253, Kunia, Hawai'i 96759
Phone: (808) 848-2074; Fax: (808) 848-1921
e-mail info@hfbf.org; www.hfbf.org

April 3, 2019

HEARING BEFORE THE
HOUSE COMMITTEE ON FINANCE

TESTIMONY ON SB 752, SD1
RELATING AGRICULTURE

Room 308
2:00 PM

Aloha Chair Luke, Vice Chair Cullen, 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 1,900 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 strongly supports SB 752, SD1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

Commercial production of ornamental ginger has been on the decline for the past 10 years on Oahu. Red ginger growers in Windward Oahu have recently experienced a further decline in the growth of their ornamental red ginger plant production due to a variety of unknown viruses and fungi. CTAHR discovered that there are 3 plant viruses affecting ginger production (banana bract mosaic virus (BBrMV), canna yellow mottle virus (CaYMV), and banana streak virus (BSV) and at least one fungal pathogen (*marasmius*) that attributes to crop decline and death. At this time, CTAHR does not know which pathogen is the causal agent of the new and devastating crop decline on ornamental ginger in Windward Oahu.

Producers in the affected areas are excavating their lands as they can no longer economically produce ornamental ginger in these areas. Neighboring farmers and off-island customers are concerned about the spread of the pathogens (viral, fungal and unidentified bacterial). Reports of crop decline which originally started in the Kahaluu area of Oahu has spread to surrounding areas such as Waihole and Waikane Valley.

Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline in red ornamental ginger. Funding is also needed for a statewide awareness and outreach effort to prevent further spread of the virus problem.

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

FIN-Jo

From: Patricia E Iwamoto <piwamoto@msn.com>
Sent: Monday, April 1, 2019 4:20 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

The unknown spread of the virus and the fungi has devastated many farmers on Windward side of Oahu, forcing farmers to grow other types of ornamental flowers and slowing down their operations. Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline.

Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: John Gordines <gordines@kauaiflowers.com>
Sent: Monday, April 1, 2019 4:17 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

The unknown spread of the virus and the fungi has devastated many farmers on Windward side of Oahu, forcing farmers to grow other types of ornamental flowers and slowing down their operations. Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline.

Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Cathleen Gleason <gleasond001@hawaii.rr.com>
Sent: Monday, April 1, 2019 4:15 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

The unknown spread of the virus and the fungi has devastated many farmers on Windward side of Oahu, forcing farmers to grow other types of ornamental flowers and slowing down their operations. Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline.

Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Kylie Matsuda-Lum <kylie@kahukufarms.com>
Sent: Monday, April 1, 2019 4:14 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

The unknown spread of the virus and the fungi has devastated many farmers on Windward side of Oahu, forcing farmers to grow other types of ornamental flowers and slowing down their operations. Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline.

Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Karen Chandler <hawikec@icloud.com>
Sent: Monday, April 1, 2019 4:10 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: OLELO PA'A OGAWA <glow@glowhawaii.com>
Sent: Monday, April 1, 2019 4:10 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

The unknown spread of the virus and the fungi has devastated many farmers on Windward side of Oahu, forcing farmers to grow other types of ornamental flowers and slowing down their operations. Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline.

Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: ALAN TADA <flowersforever@hawaiiantel.biz>
Sent: Monday, April 1, 2019 4:08 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

The unknown spread of the virus and the fungi has devastated many farmers on Windward side of Oahu, forcing farmers to grow other types of ornamental flowers and slowing down their operations. Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline.

Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Donald Lau <whtmzda@yahoo.com>
Sent: Monday, April 1, 2019 4:08 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Randy Cabral <kaiwiki.1970@gmail.com>
Sent: Monday, April 1, 2019 4:08 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

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I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Gary Greive <puukoafarm@hawaii.rr.com>
Sent: Monday, April 1, 2019 4:08 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Heidi Watanabe <heidimtw@hotmail.com>
Sent: Monday, April 1, 2019 4:07 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Michelle Gorham <michelle.gorham@gmail.com>
Sent: Monday, April 1, 2019 4:04 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: melvin kunitake <melvin.kuni@gmail.com>
Sent: Monday, April 1, 2019 4:03 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: ELTON HARA <ehcmhara@gmail.com>
Sent: Monday, April 1, 2019 4:02 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Melvin Matsuda <melvin@kahukubrand.com>
Sent: Monday, April 1, 2019 4:02 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Esket Padeken <hrcookies@outlook.com>
Sent: Monday, April 1, 2019 4:02 PM
To: FINtestimony
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Mahalo!

FIN-Jo

From: Randy Yokoyama <rjyoko@gmail.com>
Sent: Monday, April 1, 2019 4:47 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Rebecca Buckley-Battaglia <tw@hanamaui.net>
Sent: Monday, April 1, 2019 4:51 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Steven Siegfried <soshnm@aol.com>
Sent: Monday, April 1, 2019 4:51 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Don Sakai <donisakai@msn.com>
Sent: Monday, April 1, 2019 5:07 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Valli Sendan <aloha@kalanitropicals.com>
Sent: Monday, April 1, 2019 5:06 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Mark Phillipson <reelrelaxed@gmail.com>
Sent: Monday, April 1, 2019 5:06 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: James Tavares <tavaresjam@gmail.com>
Sent: Monday, April 1, 2019 5:12 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: BRENDA IOKEPA-MOSES <biokepamoses@gmail.com>
Sent: Monday, April 1, 2019 5:53 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Laila Jayyousi <kalua1@hotmail.com>
Sent: Monday, April 1, 2019 5:54 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Michelle Watkins <mwatkins002@gmail.com>
Sent: Monday, April 1, 2019 7:30 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Jari Sugano <ncsugano@gmail.com>
Sent: Monday, April 1, 2019 7:29 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Philip Wright <arsenia@aloha.net>
Sent: Monday, April 1, 2019 7:21 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Randall Nakasato <randy.nakasato@gmail.com>
Sent: Monday, April 1, 2019 7:10 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: GLENN TOYAMA <gtoyama67@gmail.com>
Sent: Monday, April 1, 2019 6:31 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: donald sommer <desommer@yahoo.com>
Sent: Monday, April 1, 2019 6:30 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

The unknown spread of the virus and the fungi has devastated many farmers on Windward side of Oahu, forcing farmers to grow other types of ornamental flowers and slowing down their operations. Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline.

Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Roberta Taira <kekiai08@gmail.com>
Sent: Monday, April 1, 2019 6:29 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Neill Sams <neill@orchidalleykauai.com>
Sent: Monday, April 1, 2019 7:42 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Carolynn Lum <hawaii96766@yahoo.com>
Sent: Tuesday, April 2, 2019 10:40 AM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Dean Okimoto <deanjokimoto@gmail.com>
Sent: Tuesday, April 2, 2019 10:30 AM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Valerie Correa <vcorrea71@hotmail.com>
Sent: Tuesday, April 2, 2019 10:06 AM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

The unknown spread of the virus and the fungi has devastated many farmers on Windward side of Oahu, forcing farmers to grow other types of ornamental flowers and slowing down their operations. Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline.

Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Rodney & Karol Haraguchi <karol@haraguchiricemill.org>
Sent: Tuesday, April 2, 2019 9:17 AM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

The unknown spread of the virus and the fungi has devastated many farmers on Windward side of Oahu, forcing farmers to grow other types of ornamental flowers and slowing down their operations. Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline.

Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Paul Pomroy <ppomroy@live.com>
Sent: Tuesday, April 2, 2019 9:16 AM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

The unknown spread of the virus and the fungi has devastated many farmers on Windward side of Oahu, forcing farmers to grow other types of ornamental flowers and slowing down their operations. Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline.

Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Janice Balauro <lcalgal@yahoo.com>
Sent: Tuesday, April 2, 2019 8:29 AM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Megan Kono <megankono808@gmail.com>
Sent: Tuesday, April 2, 2019 8:14 AM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Jill Mattos <jmattoshbp@aol.com>
Sent: Tuesday, April 2, 2019 7:08 AM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

The unknown spread of the virus and the fungi has devastated many farmers on Windward side of Oahu, forcing farmers to grow other types of ornamental flowers and slowing down their operations. Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline.

Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Robert Paull <robertepaull@gmail.com>
Sent: Tuesday, April 2, 2019 6:48 AM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

The unknown spread of the virus and the fungi has devastated many farmers on Windward side of Oahu, forcing farmers to grow other types of ornamental flowers and slowing down their operations. Research funding is necessary for growers and researchers to continue their efforts in finding a solution and the cause of the decline.

Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Norma Meyer <jnmeyer47@yahoo.com>
Sent: Tuesday, April 2, 2019 4:46 AM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Mary Offley <kathy808@gmail.com>
Sent: Monday, April 1, 2019 10:16 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Verna Kuyper <verna@mauigoose.com>
Sent: Monday, April 1, 2019 9:48 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Maile Meyer <mailemeyer@yahoo.com>
Sent: Monday, April 1, 2019 8:41 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Larry Jeffs <thefarms@aloha.net>
Sent: Monday, April 1, 2019 8:34 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Frederick Mencher <fmencher@hawaii.rr.com>
Sent: Monday, April 1, 2019 8:14 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Alvin Tsuruda <waihale@hawaiiantel.net>
Sent: Monday, April 1, 2019 8:14 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Louis Yang <louis20yang@yahoo.com>
Sent: Monday, April 1, 2019 7:56 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: David Rietow <david@agroresources.com>
Sent: Tuesday, April 2, 2019 12:42 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Stephanie Whalen <swhalen@harc-hspa.com>
Sent: Tuesday, April 2, 2019 2:30 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Pamela Takamiyashiro <pamtaka14@gmail.com>
Sent: Tuesday, April 2, 2019 3:11 PM
To: FINtestimony
Subject: I Support SB 753, SD 2, HD 1



Dear Chair Luke, Vice Chair Cullen, & members of the committee:

I strongly support SB 753, SD 2, HD 1 - Relating to Aquaculture, which appropriates funds for operational expenses for revitalizing the aquaculture development program within the department of agriculture.

In recent years ADP has been reduced in staff and function, ultimately being folded into the Animal Industries division of DOA and continues to be downsized. It is no coincidence that Hawaii's aquaculture revenues have levelled off. A revived ADP will help revive aquaculture's growth.

Thank you for the opportunity to testify on this measure.

Mahalo!

LATE

From: John Giblin <jgiblinjr@aol.com>
Sent: Tuesday, April 2, 2019 5:51 PM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

LATE

SB-752-SD-1

Submitted on: 4/2/2019 8:46:07 PM

Testimony for FIN on 4/3/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Warren Watanabe	Maui County Farm Bureau	Support	No

Comments:

LATE

From: Hayden Hanes <haydedude@yahoo.com>
Sent: Wednesday, April 3, 2019 8:14 AM
To: FINtestimony
Subject: I Support SB 752, SD 1

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

I support SB 752, SD 1, which makes an appropriation to the University of Hawaii College of Tropical Agriculture and Human Resources for research and prevention of the spread of ornamental ginger pathogens.

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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Nicole Correa <doubledfarmandranch@gmail.com>
Sent: Tuesday, April 2, 2019 7:34 PM
To: FINtestimony
Subject: I Support SB 752, SD 1



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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Anne Hamamura <ashamamura@gmail.com>
Sent: Tuesday, April 2, 2019 6:46 PM
To: FINtestimony
Subject: I Support SB 752, SD 1



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Thank you for the opportunity to testify on this matter.

Mahalo!

FIN-Jo

From: Marissa Sabado <marizasabado79@yahoo.com>
Sent: Wednesday, April 3, 2019 10:40 AM
To: FINtestimony
Subject: I Support SB 752, SD 1



Dear Chair Luke, Vice Chair Cullen, and Members of the Committee,

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