

**NEIL ABERCROMBIE**  
Governor



**SCOTT E. ENRIGHT**  
Chairperson, Board of Agriculture

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Deputy to the Chairperson

State of Hawaii  
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**TESTIMONY OF SCOTT E. ENRIGHT  
CHAIRPERSON, BOARD OF AGRICULTURE**

**BEFORE THE HOUSE COMMITTEES ON AGRICULTURE AND ECONOMIC  
DEVELOPMENT & BUSINESS  
MONDAY, MARCH 10, 2014  
10:30 A.M.  
Conference Room 312**

**SENATE BILL NO. 3023 SD2  
MAKING AN APPROPRIATION FOR RESEARCH, DEVELOPMENT AND  
MARKETING OF THE ULU BREADFRUIT**

Chairpersons Wooley and Tsuji and Members of the Committees,

Thank you for the opportunity to testify on Senate Bill 3023 SD2. This bill would make an appropriation for the research, development and marketing of 'ulu.

The Hawaii Department of Agriculture (HDOA) is in support of this bill as evidenced by the projects the HDOA is currently administering through The Breadfruit Institute and the Mililani Agricultural Park that foster both propagation and consumer information through workshops and field days. 'Ulu shows promise as a value added product through processing that will result in ingredients such as flour, chips, puree and packaged products such as breads, snacks, salads and baked goods. 'Ulu is also a gluten free product, and the demand of gluten free products is increasing. This bill recognizes that the demand for new specialty, "better for you" products is increasing globally and is well-timed as the referenced projects will supply the 'ulu supported by the bill.

In addition, other crops with value added potential such as taro, papaya, sweet potatoes, mangoes, lychee, moringa, tomatoes, figs, and many other local crops could be served by a processing facility.

Thank you for the opportunity to testify.





# UNIVERSITY OF HAWAII SYSTEM

## Legislative Testimony

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House Committee on Agriculture  
and  
House Committee on Economic Development and Business  
Monday, March 10, 2014; 10:30 am  
by  
Maria Gallo, Dean  
and  
J. Kenneth Grace, Interim Associate Dean for Research  
College of Tropical Agriculture and Human Resources  
University of Hawai'i at Mānoa

### SB 3023 SD2 – MAKING AN APPROPRIATION FOR RESEARCH, DEVELOPMENT, AND MARKETING OF THE ULU BREADFRUIT

Chairs Wooley and Tsuji, Vice Chairs Onishi and Ward, and members of the House Committee on Agriculture and House Committee on Economic Development and Business, thank you for this opportunity to testify in support of SB 3023 SD2, which makes an appropriation to the Agricultural Development Corporation (ADC) for research, development, and marketing of 'ulu (the Hawaiian breadfruit)

Prior to European contact in the 1700s, and into the early 1880s, 'ulu groves were a common feature of the landscape and Hawaiian agriculture. The enormous 'ulu plantations of west Hawai'i Island fascinated early European visitors. However, by the late 1800s, these groves had all but vanished due to depopulation and changing land use patterns. Clearly, 'ulu is readily cultivated in Hawai'i, but is essentially nonexistent today as a commercial crop or food staple.

The Breadfruit Institute of the National Botanical Garden has credited the 2004 CTAHR publication "Hawaiian Breadfruit – Ethnobotany, Nutrition, and Human Ecology" with providing a blueprint for modern efforts to revitalize breadfruit in Hawai'i. CTAHR faculty strongly believe in the potential for 'ulu to again become a common fixture of our agricultural landscape, a valuable commercial crop and an important part of food security and self-sufficiency in Hawai'i.

We support the efforts of ADC to achieve these goals as described in SB 3023 SD2, and believe that this bill will encourage interagency partnerships to promote the value of 'ulu to Hawai'i residents, address cultivation and processing difficulties, develop new and value added products such as the gluten-free 'ulu flour cited in SB 3023 SD2, and greatly increase the profile of 'ulu as an important local food and a potential export of high value.

Thank you again for this opportunity to express our support for SB 3023 SD2, and to encourage interagency efforts through ADC to move 'ulu forward as a valued new (old) crop in Hawai'i.

**onishi2-Micah-Seth**

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, March 09, 2014 10:40 AM  
**To:** AGRtestimony  
**Cc:** evensen@hawaii.edu  
**Subject:** Submitted testimony for SB3023 on Mar 10, 2014 10:30AM

**SB3023**

Submitted on: 3/9/2014

Testimony for AGR/EDB on Mar 10, 2014 10:30AM in Conference Room 312

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Carl Evensen	Individual	Support	No

Comments: I support this bill to provide greater research, development and marketing for breadfruit in Hawaii.

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**onishi2-Micah-Seth**

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Friday, March 07, 2014 5:30 PM  
**To:** AGRtestimony  
**Cc:** lynhowe1946@yahoo.com  
**Subject:** \*Submitted testimony for SB3023 on Mar 10, 2014 10:30AM\*

**SB3023**

Submitted on: 3/7/2014

Testimony for AGR/EDB on Mar 10, 2014 10:30AM in Conference Room 312

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Lyn Howe	Individual	Support	No

Comments:

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**onishi2-Micah-Seth**

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, March 09, 2014 7:18 PM  
**To:** AGRtestimony  
**Cc:** sustainablesakala@gmail.com  
**Subject:** \*Submitted testimony for SB3023 on Mar 10, 2014 10:30AM\*

**SB3023**

Submitted on: 3/9/2014

Testimony for AGR/EDB on Mar 10, 2014 10:30AM in Conference Room 312

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Steve Sakala	Kona Chapter Hawaii Farmers Union United	Support	No

Comments:

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**onishi2-Micah-Seth**

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**To:** AGRtestimony  
**Cc:** legechair@gmail.com  
**Subject:** Submitted testimony for SB3023 on Mar 10, 2014 10:30AM

**SB3023**

Submitted on: 3/9/2014

Testimony for AGR/EDB on Mar 10, 2014 10:30AM in Conference Room 312

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Simon Russell	Hawaii Farmers Union United	Support	No

Comments: Ulu is a great nutritional resource and should be on the plates of our consumers to a much greater degree. Thank you for hearing this measure.

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