

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

NEIL ABERCROMBIE GOVERNOR

> RICHARD C. LIM DIRECTOR

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Statement of RICHARD C. LIM Director

Department of Business, Economic Development, and Tourism before the

SENATE COMMITTEE ON WAYS AND MEANS

Wednesday, April 2, 2014 9:05 a.m. State Capitol, Conference Room 211

in consideration of HB 154, HD 2, SD 1 RELATING TO INDUSTRIAL HEMP.

Chair Ige, Vice Chair Kidani, and Members of the Committee.

The Department of Business, Economic Development, and Tourism (DBEDT) supports HB 154, HD 2, SD 1, which authorizes the Director of the College of Tropical Agriculture and Human Resources at the University of Hawaii at Manoa to establish a two-year industrial hemp remediation and biofuel crop pilot program.

Our state Energy Policy seeks to leverage Hawaii's position in the Asia Pacific region as a test bed for clean energy innovation in order to create new jobs and opportunities for investment here in Hawaii. DBEDT supports this initiative to determine the potential of industrial hemp to serve as a feedstock for alternative renewable energy or fuel in furtherance of Hawaii's Renewable Portfolio Standards mandate and transportation goals.

We defer to the University of Hawaii at Manoa on the implementation and fiscal aspects of this measure.

Thank you for the opportunity to offer these comments in support of this measure.



STATE OF HAWAII DEPARTMENT OF PUBLIC SAFETY

919 Ala Moana Boulevard, 4th Floor Honolulu, Hawaii 96814 TED SAKAI DIRECTOR

Martha Torney
Deputy Director
Administration

Max Otani Deputy Director Corrections

Shawn Tsuha Deputy Director Law Enforcement

TESTIMONY ON HOUSE BILL (HB) 154, HOUSE DRAFT (HD) 2, SENATE DRAFT (SD) 1
RELATING TO INDUSTRIAL HEMP

by
Ted Sakai, Director
Department of Public Safety

Senate Committee on Ways and Means Senator David Y. Ige, Chair Senator Michelle N. Kidani, Vice Chair

Wednesday, April 2, 2014; 9:05 a.m. State Capitol, Conference Room 211

Chair Ige, Vice Chair Kidani, and Members of the Committee:

The Department of Public Safety is in **support** of HB 154, HD 2, SD 1 **with amendments.** We understand that hemp has for a long time been classified as a controlled substance by the federal government and our state, as it is a member of the cannabis family. However, the federal position on hemp, at least on industrial hemp, has shifted. This is reflected in the recently enacted Agricultural Act of 2014, or Public Law 113-79. Section 7606 of that law exempts the growing and cultivation of industrial hemp from the Controlled Substance Act under certain conditions. This bill would authorize the growing and cultivation of this product under conditions which meet the Agricultural Act of 2014. However, this bill would require that the University obtain a registration from the Drug Enforcement Administration. In view of the fact that the Agricultural Act of 2014 would specifically exempt this project from

HB 154, HD 2, SD 1 April 2, 2014 Page 2

the Controlled Substance Act, we recommend that the requirement for DEA registration be deleted from the bill.

Thank you for the opportunity to present this testimony.



SCOTT E. ENRIGHT Chairperson, Board of Agriculture

KEN H. KAKESAKODeputy 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 SCOTT E. ENRIGHT CHAIRPERSON, BOARD OF AGRICULTURE

BEFORE THE SENATE COMMITTEE ON WAYS AND MEANS WEDNESDAY, APRIL 2, 2014
9:05 A.M.
ROOM 211

HOUSE BILL NO. 154, HOUSE DRAFT 2, SENATE DRAFT 1 AND SENATE DRAFT 2 (PROPOSED)

RELATING TO INDUSTRIAL HEMP

Chairperson Ige and Members of the Committee:

Thank you for the opportunity to testify on House Bill No. 154, Senate Draft 1. This bill authorizes the College of Tropical Agriculture and Human Resources at the University of Hawaii to establish a two-year industrial hemp remediation and biofuel crop research program under specified conditions and with an appropriation. The Hawaii Department of Agriculture (HDOA) supports the intent of this measure; however, we note Senate Draft 1 predates the enactment of Section 7606 of the United States Agricultural Act of 2014 which authorizes institutions of higher education and state departments of agriculture to conduct industrial hemp research.

Senate Draft 2 (Proposed) includes reference to the aforementioned Section 7606. The Department of Agriculture supports SD2, but we defer to the University of Hawaii's College of Tropical Agriculture and Human Resources in regards to the implementation of such a pilot project.

Thank you, again, for the opportunity to present our testimony.



Written Testimony Submitted to the Senate Committee on Ways and Means Wednesday, April 2, 2014 at 9:05 a.m.

by Maria Gallo, Dean and

J. Kenneth Grace, Interim Associate Dean College of Tropical Agriculture and Human Resources University of Hawai'i at Mānoa

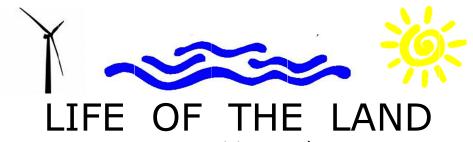
HB 154 HD2 SD1 – RELATING TO INDUSTRIAL HEMP

Chair Ige, Vice Chair Kidani, and members of the Senate Committee on Ways and Means, thank you for this opportunity to offer comments in support of HB 154 HD2 SD1, which would authorize the director of the College of Tropical Agriculture and Human Resources (CTAHR) at the University of Hawai'i at Mānoa to establish a two-year industrial hemp remediation and biofuel research program, subject to obtaining federal and state permits.

HB 154 HD2 SD1 is one of three bills currently under consideration for the same purpose.

We support the intent of HB 154 HD2 SD1, but note that the bill is out of date with respect to legal requirements, since it was introduced in the 2013 regular legislative session. It is our understanding that any permit requirements have been superseded by Section 7606 of the Agricultural Act of 2014, also known as Public Law 113-79.

Our sole concerns with all three similar bills are (1) that adequate funding be provided for any research to be conducted, (2) that such research and funding not replace nor adversely impact any priorities as indicated in the University's Board of Regents' Approved Executive Biennium Budget, (3) and that a minimum two-year period be allowed in order to obtain meaningful research results. We have determined that the costs of a two-year research program are \$150,000.



P.O. Box 37158, Honolulu, Hawai`i 96837-0158 Phone: 927-0709; E: henry.lifeoftheland@gmail.com

COMMITTEE ON WAYS AND MEANS Senator David Y. Ige, Chair Senator Michelle N. Kidani, Vice Chair

DATE: April 2, 2014 TIME: 9:05 a.m.

PLACE: Conference Room 211

Re: HB 154, HD2, SD1 RELATING TO INDUSTRIAL HEMP SUPPORT

Aloha Chair Ige, Vice Chair Kidani, and Members of the Committee

Life of the Land is Hawai'i's own energy, environmental and community action group advocating for the people and 'aina for four decades. Our mission is to preserve and protect the life of the land through sound energy and land use policies and to promote open government through research, education, advocacy and, when necessary, litigation.

Harry Jacob Anslinger was appointed as the first commissioner of the U.S. Treasury Department's Federal Bureau of Narcotics (FBN). He served for 32 years (1930-62).

Anslinger intentionally alarmed the public as part of a broad effort to outlaw all recreational drugs. In 1934 he launched an anti-marijuana campaign.

As a result of the anti-marijuana campaign, there was a sharp drop in the U.S. production of industrial hemp.

Car manufacturers are increasingly using natural fibers (hemp, coconut, bamboo and kenaf) in car interiors to make cars feel more comfortable and less like plastic.

During WW2 the military released films encouraging farmers to grow industrial hemp. One film was called "Hemp for Victory." It can be viewed at https://archive.org/details/Hemp_for_victory_1942.

HB154 HD2 SD1 authorizes the director of the college of tropical agriculture and human resources at the University of Hawaii at Manoa to establish a two-year industrial hemp remediation and biofuel crop pilot program.

This is but the latest attempt to note that hemp is a valuable product.

On October 17, 2000 U.S. Senator Daniel Inouye wrote a letter to Cynthia Thielen

"I would like to share with you a copy of a letter I received from the Drug Enforcement Administration in response to my letter on your behalf.

The Hawaii Industrial Hemp Research Project permit to import cannabis seed has been issued. I am confident the project will continue to provide important information on which to determine the future of the hemp industry in Hawaii."

In 1999 Life of the Land's Kat Brady testified in favor of an industrial hemp bill (HB 32 HD1)

Life of the Land supports HB 32 HD 1 which would authorize the state to allow privately funded industrial hemp research to be conducted in Hawai`i. Hemp is one plant that is resistant to one of our biggest agricultural pests - nematodes. Hemp is also a very versatile plant which could really spur some positive economic growth for Hawai`i's businesses.

Several years ago a company which created fiberboard from hemp for building supplies was being touted on the stock exchange as a real growth stock. The building supplies they were manufacturing were strong and had longer lives than the traditional sheetrock used in construction. The article I read stated that hemp fibers were longer and much stronger and therefore made a more durable product.

Hemp is a very versatile product and it seems that Hawai`i's weather would be perfect to grow this hearty plant to create a new growth industry for us. Hemp could be thing boost our economy needs at this time.

In 2002 Life of the Land's Kat Brady testified in favor of another industrial hemp bill (HB 57)

Life of the Land supports this measure. Hemp is one crop resistant to nematodes -- a huge problem in Hawai`i. Hemp is a versatile crop which can be used for food, building materials because of its long fibers, paper, and clothing, to name a few. We support keeping our agricultural land in agriculture and with the closing of our sugar industry, hemp is a great alternative requiring less pesticides.

Mahalo

Henry Curtis
Executive Director

To: WAM Testimony
Cc: acandjc@hawaiiantel.net

Subject: *Submitted testimony for HB154 on Apr 2, 2014 09:05AM*

Date: Monday, March 31, 2014 2:45:18 PM

HB154

Submitted on: 3/31/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Adam Carlson	Individual	Support	No

Comments:

Please note that testimony submitted <u>less than 24 hours prior to the hearing</u>, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

From: Anita Wintner WAM Testimony
Support HB 154, HD2
Saturday, March 29, 2014 4:26:52 PM To: Subject:

Date:

Please support HB 154 HD2. Mahalo Anita Wintner Maui

To: WAM Testimony
Cc: mauibrad@hotmail.com

Subject: Submitted testimony for HB154 on Apr 2, 2014 09:05AM

Date: Friday, March 28, 2014 4:53:21 PM

HB154

Submitted on: 3/28/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	By Organization	Testifier Position	Present at Hearing
Brad Parsons	Individual	Support	No

Comments: SUPPORT HB 154, HD2, SD1 AND/OR Proposed SD2.

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To: WAM Testimony

Cc: <u>deborah@imaginariums.com</u>

Subject: *Submitted testimony for HB154 on Apr 2, 2014 09:05AM*

Date: Sunday, March 30, 2014 10:11:06 PM

HB154

Submitted on: 3/30/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Deborah Davis	Individual	Support	No

Comments:

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 From:
 Delbert Contival

 To:
 WAM Testimony

 Subject:
 HB154 HD2 SD1

Date: Saturday, March 29, 2014 12:10:57 PM

SUPPORT Industrial Hemp

To: WAM Testimony
Cc: ksunny@gmail.com

Subject: *Submitted testimony for HB154 on Apr 2, 2014 09:05AM*

Date: Saturday, March 29, 2014 9:46:42 PM

HB154

Submitted on: 3/29/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Hardeep Kharbanda	Individual	Support	No

Comments:

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To: WAM Testimony
Cc: j.brighenti@mac.com

Subject: *Submitted testimony for HB154 on Apr 2, 2014 09:05AM*

Date: Saturday, March 29, 2014 11:47:45 PM

HB154

Submitted on: 3/29/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Janet Brighenti	Individual	Support	No

Comments:

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To: WAM Testimony
Cc: PAlmtree7@earthlink.net

Subject: Submitted testimony for HB154 on Apr 2, 2014 09:05AM

Date: Monday, March 31, 2014 4:32:57 PM

HB154

Submitted on: 3/31/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
janice palma-glenie	Individual	Support	No

Comments: Please vote "yes" on this bill as it is a sensible way to support a sustainable farming economy. mahalo.

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To: WAM Testimony

Cc: jessica3travel@yahoo.com

Subject: *Submitted testimony for HB154 on Apr 2, 2014 09:05AM*

Date: Saturday, March 29, 2014 1:23:04 PM

HB154

Submitted on: 3/29/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Organization Testifier Position		Present at Hearing
Jessica Friedberg	Individual	Support	No	

Comments:

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To: WAM Testimony

Cc: julianemoto@googlemail.com

Subject: Submitted testimony for HB154 on Apr 2, 2014 09:05AM

Date: Saturday, March 29, 2014 7:45:53 AM

HB154

Submitted on: 3/29/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Julia Nemoto	Individual	Support	No

Comments: Dear Committee Members, I am writing you in support of bill HB 154. The allowance of the cultivation on industrial hemp would have many positive impacts on Hawaii. Hemp fibers and oil are a high in demand commodity which is mostly produced out of the USA and has to be imported by high costs. If we could grow hemp in Hawaii we would support farmers to make a good living without having a negative impact on the land. Hemp does not require the input of mineral fertilizers and harsh pesticides. Hemp has the ability to restore damaged soil systems, what would be much needed in Hawaii after the sugar cane industry left. I hope you will consider the allowance of industrial hemp what would have a very positive impact on the agriculture on the islands. Kind regards Julia Nemoto

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To: WAM Testimony
Cc: 2kalkout@gmail.com

Subject: *Submitted testimony for HB154 on Apr 2, 2014 09:05AM*

Date: Saturday, March 29, 2014 5:09:42 PM

HB154

Submitted on: 3/29/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing	
Kenneth A Likout	Individual	Support	No	

Comments:

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To: WAM Testimony
Cc: paikoman@yahoo.com

Subject: Submitted testimony for HB154 on Apr 2, 2014 09:05AM

Date: Sunday, March 30, 2014 3:06:35 PM

HB154

Submitted on: 3/30/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Lisa Hallett	Individual	Support	No

Comments: I strongly support this bill. This crop is a 'weed' and needs no care. It is not a drug and I see no reason to not pass this bill immediately!!!

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From: Merri Murphy
To: WAM Testimony

Subject: SUPPORT Industrial Hemp

Date: Saturday, March 29, 2014 12:59:04 PM

mahalo

Meredith "Merri" Murphy RDH and check out below

http://www.youtube.com/watch?v=FLeCTaSG2-U&feature=share 4771 Kahiliholo Rd.

Kilauea, HI 96754 808 828 2146 cell-808 635 6456

To: WAM Testimony

Cc: <u>foodsovereigntynow@gmail.com</u>

Subject: *Submitted testimony for HB154 on Apr 2, 2014 09:05AM*

Date: Saturday, March 29, 2014 11:22:56 PM

HB154

Submitted on: 3/29/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing	
Mitsuko Hayakawa	Individual	Support	No	

Comments:

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 From:
 Peter Gordon

 To:
 WAM Testimony

 Subject:
 HB 154, HD2

Date: Monday, March 31, 2014 8:48:32 AM

YES YES YES! I SUPPORT:

INDUSTRIAL HEMP ON MAUI!

LET'S LEAD THE NATION IN THIS SUSTAINABLE CROP! NO MORE CANE BURNING, PESTICIDES, SUGAR RUINING OUR HEALTH!!!

MAHALO, Peter Gordon

To: WAM Testimony
Cc: Nekokichigai@aol.com

Subject: Submitted testimony for HB154 on Apr 2, 2014 09:05AM

Date: Monday, March 31, 2014 9:29:14 PM

HB154

Submitted on: 3/31/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Suzanne Watanabe	Individual	Support	No

Comments: Decades ago, hemp was one of Hawaii's leading export crop. Industrial hemp has been proven to provide numerous uses, i.e., food products, fabrics, clothing, etc. etc., and as a crop, it can contain and reduce the GMO's that is already in the ground in which industrial hemp is planted. It will remove the GMO's that were put into the ground by GMO crops. Industrial hemp can also be a great source of industry and jobs for Hawaii, and can once again be a major export crop, as well as cleaning up the soil which has been polluted by GMO crops. We need to ensure that we malama our aina in order to keep it intact for future generations.

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To: WAM Testimony

Cc: <u>tjsimms2000@hotmail.com</u>

Subject: *Submitted testimony for HB154 on Apr 2, 2014 09:05AM*

Date: Sunday, March 30, 2014 9:45:32 AM

HB154

Submitted on: 3/30/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
tj simms	Individual	Support	No

Comments:

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To: WAM Testimony
Cc: tia.pearson@gmail.com

Subject: *Submitted testimony for HB154 on Apr 2, 2014 09:05AM*

Date: Saturday, March 29, 2014 11:25:27 PM

HB154

Submitted on: 3/29/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization		Present at Hearing
tia pearson	Individual	Support	No

Comments:

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To: WAM Testimony

Cc: <u>tjsimms2000@hotmail.com</u>

Subject: *Submitted testimony for HB154 on Apr 2, 2014 09:05AM*

Date: Monday, March 31, 2014 11:03:02 AM

HB154

Submitted on: 3/31/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization		Present at Hearing
tj simms	Individual	Support	No

Comments:

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To: WAM Testimony

Cc: <u>lat22long157@yahoo.com</u>

Subject: *Submitted testimony for HB154 on Apr 2, 2014 09:05AM*

Date: Monday, March 31, 2014 7:09:04 PM

HB154

Submitted on: 3/31/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
W.K. A	Individual	Support	No

Comments:

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To: WAM Testimony
Cc: willsilver@hawaii.rr.com

Subject: *Submitted testimony for HB154 on Apr 2, 2014 09:05AM*

Date: Saturday, March 29, 2014 11:41:53 AM

HB154

Submitted on: 3/29/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
William Navran	Individual	Support	No

Comments:

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To: WAM Testimony

Cc: <u>autumnrose2010@yahoo.com</u>

Subject: Submitted testimony for HB154 on Apr 2, 2014 09:05AM

Date: Sunday, March 30, 2014 9:48:44 PM

HB154

Submitted on: 3/30/2014

Testimony for WAM on Apr 2, 2014 09:05AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Wynnie Hee	Individual	Support	No

Comments: SUPPORT industrial hemp as new crop.

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