DAVID Y. IGE Governor

SHAN S. TSUTSUI Lt. Governor



State of Hawaii DEPARTMENT OF AGRICULTURE 1428 South King Street Honolulu, Hawaii 96814-2512 Phone: (808) 973-9600 FAX: (808) 973-9613 SCOTT E. ENRIGHT Chairperson, Board of Agriculture

PHYLLIS SHIMABUKURO-GEISER Deputy to the Chairperson



# TESTIMONY OF SCOTT E. ENRIGHT CHAIRPERSON, BOARD OF AGRICULTURE

# BEFORE THE HOUSE COMMITTEE ON JUDICIARY

February 12, 2016 2:00 P.M. CONFERENCE ROOM 325

HOUSE BILL NO. 2555 RELATING TO INDUSTRIAL HEMP

Chairperson Rhodes and Members of the Committee:

Thank you for the opportunity to testify on House Bill No.2555 that authorizes industrial hemp to be grown as part of research conducted under an agricultural pilot program or other agricultural research to study the growth, cultivation, or marketing of industrial hemp under specific agreement with and under the authority of the Department of Agriculture, pursuant to the 2014 Farm Bill. There is an appropriation to the Department to hire one person to administer this new program for growing industrial hemp for research purposes. The Department of Agriculture supports the intent of this measure and offers comments.

The Department of Agriculture supports all components of Hawaii's agriculture production industry. Where there has been an "ask" from a segment of Hawaii's agricultural community to move forward with industrial hemp as a potential crop, the Department will move forward in support of that effort and the intent of this bill. Because industrial hemp is still illegal by Federal law, there will be limitations on how much and the type of work that the Department can support in working with industrial hemp.

It is important for persons or business entities seeking to grow industrial hemp for research, sale, and other purposes under this bill to note that they will be subject to stringent registration requirements, record keeping, and compliance with all other State laws.

Thank you for the opportunity to present our testimony.





# TESTIMONY OF THE DEPARTMENT OF THE ATTORNEY GENERAL TWENTY-EIGHTH LEGISLATURE, 2016

ON THE FOLLOWING MEASURE: H.B. NO. 2555, RELATING TO INDUSTRIAL HEMP.



**BEFORE THE:** HOUSE COMMITTEE ON JUDICIARY

DATE:	Friday, February 12, 2016	<b>TIME:</b> 2:00 p.m.
LOCATION:	State Capitol, Room 325	
TESTIFIER(S):	Douglas S. Chin, Attorney General, or Andrew Goff, Deputy Attorney General	

Chair Rhoads and Members of the Committee:

The Department of Attorney General provides the following comments on this bill, the purpose of which is to authorize the Board of Agriculture to register and allow persons to research, grow, and sell industrial hemp.

On page 7, lines 3-11, the bill provides "[e]ach registered grower shall be considered to be part of the department of agriculture as allowed under section 7606 of the Agricultural Act of 2014." However, section 7606 of the Agricultural Act of 2014 ("section 7606") does not allow a registered grower to be part of the Department of Agriculture. Instead, section 7606 authorizes any institution of higher learning or state department of agriculture to grow industrial hemp for specific purposes. It is recommended that the words "as allowed under section 7606 of the Agricultural Act of 2014" be changed to "for the limited purposes of this section."

It should be noted that federal law is currently silent on whether an individual can be authorized to act as a part of a state's Department of Agriculture for the purpose of growing industrial hemp. Several states have enacted laws allowing for individuals to either be licensed or registered to grow, however the majority of those require a change in federal law or waivers from the U.S. Drug Enforcement Agency before the programs can be implemented. It is recommended that a similar caveat be inserted in the amended statute stating "this section shall not become operative unless authorized under federal law."

On page 7, lines 12-19, the bill allows an institution of higher learning to grow industrial hemp that possess a percentage of tetrahydrocannabinol ("THC") content greater than 0.3 percent for the limited purpose of developing types of industrial hemp with a THC content less

Testimony of the Department of the Attorney General Twenty-Eighth Legislature, 2016 Page 2 of 2

than 0.3 percent. Federal law under section 7606, specifically exempts industrial hemp from the Controlled Substances Act. However, section 7606 defines industrial hemp as only hemp with a THC content less than 0.3 percent to be grown. Therefore any institution of higher learning complying with this would be in violation of the federal Controlled Substances Act. It is recommended that these lines be removed entirely.

On page 8, lines 12-17, the bill requires registered growers who sell harvested industrial hemp to "[f]ile with the board documentation indicating that the industrial hemp seeds planted were of a type and variety certified to have no more tetrahydrocannabinol concentration than that adopted by federal law in the Controlled Substances Act, 21 U.S.C. section 801 et seq." However, the Controlled Substances Act does not adopt any level of THC. Instead, as mentioned above, section 7606 specifically exempts hemp with a concentration of THC less than 0.3 percent from the Controlled Substances Act. It is recommended that the phrase "adopted by federal law in the Controlled Substances Act, 21 U.S.C. section 801 et seq." be replaced with "allowed by federal law."

Page 9, lines 20-21, and page 10, lines 1-4, of the bill provide "[i]n compliance with section 763 of the federal Consolidated Appropriations Act of 2016, the transportation, processing, sale, or use of industrial hemp that is grown or cultivated in accordance with section 7606 of the Agricultural Act of 2014, within or outside the State, shall not constitute an offense under chapter 712, part IV." However, section 763 of the federal Consolidated Appropriations Act of 2016 does not require a state to allow the transportation, processing, sale, or use of industrial hemp. The section referenced merely prevents the use of federal funds to prohibit such industrial hemp uses. It is recommended that the phrase "[i]n compliance with section 763 of the federal Consolidated Appropriations Act of 2016" be removed entirely.

We respectfully ask the committee to make the recommended amendments. Thank you for this opportunity to provide comments.

# LATE TESTIMONY



# TESTIMONY OF THE DEPARTMENT OF THE ATTORNEY GENERAL TWENTY-EIGHTH LEGISLATURE, 2016

ON THE FOLLOWING MEASURE: H.B. NO. 2555, RELATING TO INDUSTRIAL HEMP.

**BEFORE THE:** HOUSE COMMITTEE ON JUDICIARY

DATE:	Friday, February 12, 2016	TIME:	2:00 p.m.
LOCATION:	State Capitol, Room 325		
TESTIFIER(S):	Douglas S. Chin, Attorney General, or Andrew Goff, Deputy Attorney General		

Chair Rhoads and Members of the Committee:

The Department of Attorney General provides the following comments on this bill, the purpose of which is to authorize the Board of Agriculture to register and allow persons to research, grow, and sell industrial hemp.

On page 7, lines 3-11, the bill provides "[e]ach registered grower shall be considered to be part of the department of agriculture as allowed under section 7606 of the Agricultural Act of 2014." However, section 7606 of the Agricultural Act of 2014 ("section 7606") does not allow a registered grower to be part of the Department of Agriculture. Instead, section 7606 authorizes any institution of higher learning or state department of agriculture to grow industrial hemp for specific purposes. It is recommended that the words "as allowed under section 7606 of the Agricultural Act of 2014" be changed to "for the limited purposes of this section."

It should be noted that federal law is currently silent on whether an individual can be authorized to act as a part of a state's Department of Agriculture for the purpose of growing industrial hemp. Several states have enacted laws allowing for individuals to either be licensed or registered to grow, however the majority of those require a change in federal law or waivers from the U.S. Drug Enforcement Agency before the programs can be implemented. It is recommended that a similar caveat be inserted in the amended statute stating "this section shall not become operative unless authorized under federal law."

On page 7, lines 12-19, the bill allows an institution of higher learning to grow industrial hemp that possess a percentage of tetrahydrocannabinol ("THC") content greater than 0.3 percent for the limited purpose of developing types of industrial hemp with a THC content less

Testimony of the Department of the Attorney General Twenty-Eighth Legislature, 2016 Page 2 of 2

than 0.3 percent. Federal law under section 7606, specifically exempts industrial hemp from the Controlled Substances Act. However, section 7606 defines industrial hemp as only hemp with a THC content less than 0.3 percent to be grown. Therefore any institution of higher learning complying with this would be in violation of the federal Controlled Substances Act. It is recommended that these lines be removed entirely.

On page 8, lines 12-17, the bill requires registered growers who sell harvested industrial hemp to "[f]ile with the board documentation indicating that the industrial hemp seeds planted were of a type and variety certified to have no more tetrahydrocannabinol concentration than that adopted by federal law in the Controlled Substances Act, 21 U.S.C. section 801 et seq." However, the Controlled Substances Act does not adopt any level of THC. Instead, as mentioned above, section 7606 specifically exempts hemp with a concentration of THC less than 0.3 percent from the Controlled Substances Act. It is recommended that the phrase "adopted by federal law in the Controlled Substances Act, 21 U.S.C. section 801 et seq." be replaced with "allowed by federal law."

Page 9, lines 20-21, and page 10, lines 1-4, of the bill provide "[i]n compliance with section 763 of the federal Consolidated Appropriations Act of 2016, the transportation, processing, sale, or use of industrial hemp that is grown or cultivated in accordance with section 7606 of the Agricultural Act of 2014, within or outside the State, shall not constitute an offense under chapter 712, part IV." However, section 763 of the federal Consolidated Appropriations Act of 2016 does not require a state to allow the transportation, processing, sale, or use of industrial hemp. The section referenced merely prevents the use of federal funds to prohibit such industrial hemp uses. It is recommended that the phrase "[i]n compliance with section 763 of the federal Consolidated Appropriations Act of 2016" be removed entirely.

We respectfully ask the committee to make the recommended amendments. Thank you for this opportunity to provide comments.

As President of the Maui Chapter of the Hawaii Farmers Union United I wish to voice my support of for all of the bills relating to Hemp and hope that supporters of HB2555 will work with Senator Gabbard and the other hemp bills being introduced to create a comprehensive bill that will work for everyone. The time has gone on long enough and with evidence from UH-Manoa that we can successfully grow a tropical hemp cultivar here that has multiple uses, we should allow small farmers to cultivate industrial hemp to take advantage of it's multiple uses. If done under the close watch of the Hawaii Department of Agriculture. I emphasize close watch and suggest that the appropriation for the bill be generous enough to help the DOA be able to administer this program with acumen. As Dr. Ako knows full well, the DEA is still involved in the growing of hemp nationally. The hoops that are still required make hemp production saddled to marijuana production. Other states like Colorado have successfully navigated this terrain by legalizing both. The time has come Hawaii.



P.O. Box 99, Wailuku, HI 96793-0099

February 10, 2016

# Support for HB 2555

HFUU Board of Directors	Support for fild 2000
Vincent Mina President HFUU	Aloha Chair Tsuji, Vice Chair Onishi and Honorable Committee Members,
	Hawaii Farmers Union United is in strong support of HB 2555.
Simon Russell Vice-President HFUU	The Acronym we use for HEMP is Hawaii Environmental Money Producer. We are also in strong support of the requested appropriation for this measure.
Anny Bruch <i>Secretary HFUU</i> Ray Maki	Based on the results of the economic boost this crop has represented for other countries that allow its cultivation and the fact that the United States is the largest consumer of HEMP products, we assert that clearing any obstacles impeding its production here in Hawaii will best serve to sustain our agricultural movement forward and will support locally the benefits of growing food, medicine, fiber, and fuel products we now import. The entire country of Canada has about 50,000 acres of hemp, and it is a \$3 billion industry there. Hawaii could also have 50,000 acres of hemp growing in the future. That would be economic stimulus for our agricultural sector here, and keep Hawaii green.
Treasurer HFUU	The cultivation of industrial hemp in different areas (Which is the intent of this bill) of the state will
Kyle Studer East Hawai'i	also give us a clear understanding on how it grows in different climatic conditions and soil strata. Promoting HEMP production with a sustainable approach to utilizing all of its potential will best be grown in rotation and in conjunction with cover crops which fixes and makes available nitrogen in the soil for subsequent crops. This then will address the necessary task of rebuilding the vitality of our soils with a movement forward of having a resilient agricultural system in providing consistent agricultural production.
Nate Hayward Kohala	It has been shown that Hawaii is a prime place to grow seed for agricultural production, by us having a focus on a renewable production of cover crop seeds and HEMP seeds that recycle back into our
Steve Sakala Kona	agricultural and food system here in Hawaii will add value to the whole system of agriculture we envision and represent for our sustainable agricultural future. HEMP is an important piece of developing this agricultural picture.
Greg Smith Ka'u	We appreciate your support for this important step forward for Hawaii's agricultural future.
Phyllis Robinson Haleakala	Mahalo, Hawaii Farmers Union United
	$(\mathbf{x})$

Alika Atay Mauna Kahalawai

Vincent Mina, President

Mikala Minn Hana

The Hawai'i Farmers Union United and its Chapters is a nonprofit corporation formed under Hawai'i law. It advocates for the sovereign right of farmers, ranchers and fishers to create and sustain vibrant and prosperous agricultural communities for the benefit of all Hawai'i through cooperation, education

From:	mailinglist@capitol.hawaii.gov
Sent:	Tuesday, February 09, 2016 8:23 PM
То:	JUDtestimony
Cc:	rkailianu57@gmail.com
Subject:	*Submitted testimony for HB2555 on Feb 12, 2016 14:00PM*

Submitted on: 2/9/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Rachel L. Kailianu	Ho`omana Pono, LLC	Support	Yes

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.

mailinglist@capitol.hawaii.gov
Wednesday, February 10, 2016 1:50 PM
JUDtestimony
wao-hsl@WeAreOne.cc
Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Joseph Kohn MD	www.WeAreOne.cc	Support	No

Comments: Strongly Support, and have beneficiaries pay expenses advanced if necessary.

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.

# TESTIMONY

# The Libertarian Party of Hawaii c/o 1658 Liholiho St #205 Honolulu, HI 96822

RE: HB 2555 to be heard Friday February 12, at 2:00 PM in conference room 325

#### SUPPORT

To the Members of the House Committee on Judiciary

Industrial hemp is an agricultural product with an enormous economic upside. There is no possibility of this product leading to intoxication. Yet we still timidly chip around the edges of allowing it to be grown here. Let's open it up for full legalization as soon as possible. We have seen how quickly business and investors have entered our medical marijuana market before the first dispensary is even open. Hemp will be the biggest boon to Hawaii agriculture since sugar and pineapple.

Sincerely:

Tracy Ryan, Chair



#### **House Committee on Judiciary**

# Hawai'i Center for Food Safety Supports: <u>HB2555</u> Relating to Industrial Hemp

Dear Chair Rhoads, Vice Chair Buenaventura, and Members of the Committee,

My name is Dr. Ashley Lukens and I am the Hawai'i Director for the Center for Food Safety (CFS). CFS is a nationwide public interest, sustainable agriculture nonprofit organization whose mission centers on furthering the public's right to know how their food is produced, through labeling and other means. We have over 750,000 farmer and consumer members across the country, including nearing 10,000 in Hawai'i. On behalf of CFS and our members, I thank you for the opportunity to speak to you today regarding this important bill.

CFS has been dedicated to addressing the human health and environmental impacts of our increased reliance on pesticide use in food production, both in the State of Hawai'i and nationally. We were instrumental in providing legal and communications support in the passage of numerous ordinances relating to pesticide use and disclosure, such as Kaua'i's Bill 2491. Since 2014, as the inaugural director here in Hawai'i, I have worked closely with community members across the state, in all counties, and have played an instrumental role in the passage of Maui's moratorium on GE production until companies submit environmental and public health impact assessments.

I am also a former adjunct professor of Political Science at UH Mānoa and UH West O'ahu, where I have taught classes on food, agriculture, and policy from 2006-2014.

I am writing in support of HB2555, which authorizes the board of agriculture to allow persons to research, grow, and sell industrial hemp and requires licensure of persons to purchase unprocessed, harvested industrial hemp.

Industrial hemp can be processed into nutritional seeds and oils, clothing, paper, animal feed, even biodiesel. Many may have concerns about the misuse of hemp as marijuana, but hemp is not marijuana. In fact, over twenty counties including Canada, France, and Germany cultivate and process hemp. Industrial hemp is an extremely versatile crop and can be used in Hawai'i to improve our food security and increase local jobs.

Industrial hemp has the potential to create high outputs of products while using minimal or no pesticides. Replacing the pesticide-intensive industries like sugar with hemp could reduce the amount of pesticides in our air, soils, and ultimately our citizens.

Not only could organic hemp improve our human and environmental health, the food crops produced locally would create a safer food system. Hawai'i imports the vast majority of our

NATIONAL HEADQUARTERS

660 Pennsylvania Avenue, SE, Suite 302 Washington, D.C. 20003 T: 202-547-9359 F: 202-547-9429 CALIFORNIA OFFICE 303 Sacramento Street, 2nd Floor San Francisco, CA 94111 T: 415-826-2770 F: 415-826-0507

 PACIFIC NORTHWEST OFFICE

 917 SW Oak Street, Suite 300

 Portland, OR 97205

 T: 971-271-7372

 F: 971-271-7374

HAWAI'I OFFICE 1132 Bishop Street, Suite 2107 Honolulu, Hawaii 96813 T: 808-681-7688

office@centerforfoodsafety.org

centerforfoodsafety.org

food and products, and the birth of a local industrial hemp industry would improve food supply and jobs.

Industrial hemp, when cultivated organically, can arguably fight climate change. A comparison to cotton is an effective measure. Hemp takes half the space to grow compared to cotton in terms of tons per finished textile. Hemp also takes about half as much water as cotton to grow. And when processing, cotton takes more than four times the amount of water than hemp to complete a finished product. However, due to the unique environments of Hawai'i, research must be conducted to determine how industrial organic hemp would be effective in our climate.

As of 2014, industrial hemp research on remediation and biofuel crop was legalized for The University of Hawai'i College of Tropical Agriculture and Human Resources. HB2555 will allow research of industrial hemp as an agricultural product through regulations by the Board of Agriculture.

With the demise of the sugar plantation era in Hawai'i, we have an opportunity to start again in the drive to a local and sustainable food system. Industrial hemp is just one step on the path to a healthy and safe future for Hawai'i.

Thank you for this opportunity to provide testimony, and I am happy to provide further analysis or respond to any follow-up questions from the Committee.

Respectfully,

Ashley Lukens, PhD Hawai'i Director Center for Food Safety



Testimony in support of House Bill 2555 Directed to: House Judiciary Committee, meeting at 2 p.m. on 2/12/2016 From: Colin Donoghue (Member of the non-profit organization The Optimum Living Alliance) Haiku, HI

Greetings from the Onipa'a Sustainability Center in Haiku. Thank you all for your attention toward the following testimony.

The many beneficial uses of Industrial Hemp, from fabric, paper, fuel, building material, to nutritious food, are well known and well documented, so I will not reiterate that information here. Instead I will simply make a few points on an ethical level I find are worth emphasizing just as much as the economic, environmental and health benefits of this plant. These points address something more fundamental concerning the freedom and natural rights of individuals on this planet, and can be summed up via the following statement:

If a woman or man were to grow this God-given plant for the purpose of greater self-sufficiency, and for living in a more natural and sustainable way, there is absolutely no good reason why they should face any aggression (e.g. fines, arrest, imprisonment) for doing so.

The prohibition of this plant is based on the illegitimate premise of preemptive attack, it is based on the assumption that because this variety of cannabis *may* be confused with the marijuana variety, and because marijuana *may* cause harm to others in some way, then it is okay to commit aggression against individuals who grow the industrial hemp variety. <u>Assumptions are not a sound justification for committing aggression</u>; that basic morality and common sense that we hold for our personal lives should also hold for society as a whole.

I hope you will consider these points when making decisions concerning legislation on Industrial Hemp use in Hawai'i; thank you very much for your time.

Sincerely, Colin Donoghue Haiku, HI Name and organization: Harry Ako, PhD, retired from the University of Hawaii

To be directed to the House Judiciary Committee.

Date and time: Friday, Feb. 12, 2:00.

Measure: HB2555

Oral testimony

My name is <u>Harry Ako</u> and I am a retired professor of the University of Hawaii. I did the research on industrial hemp. I would like to testify on research done with industrial hemp and what I believe is the way forward. More than 10 years ago research on industrial hemp was started. A temperate zone variety was tested and it did not do well. Recently the Farm Bill and a companion State Bill allowed research on industrial hemp. In spite of these laws there were difficulties with permits as hemp is classified as a Schedule 1 narcotic by the DEA and it took 11 months for us to bring hemp seeds into Hawaii. Once here special subtropical cultivars grew very well indeed. Growth was surprisingly fast. Plants grew to 10 feet in 10 weeks and growout time is considered to be 15 weeks. Hemp does not use much water and is considered a drought plant. We were able to use a Hawaii trick and can grow 3 crops a year of fiber hemp and 2 crops a year of seed hemp. Fiber hemp can be used to produce a home grown, termite resistant building material at levels of about 30 tons dry weight/acre/year. The leaves of the fiber hemp plant could be grown at slightly higher yields and could be used as cattle forage, a long sought after goal. Seed hemp plants may be the most lucrative yet and can be made into high protein candy bars or cookies. I estimate \$20,000/acre/year. It is my opinion that it is now time to turn these research results over to the private sector including people at HC&S to turn these green plants into green money.

From:	mailinglist@capitol.hawaii.gov
Sent:	Tuesday, February 09, 2016 7:02 PM
То:	JUDtestimony
Cc:	refrey2001@yahoo.com
Subject:	*Submitted testimony for HB2555 on Feb 12, 2016 14:00PM*

Submitted on: 2/9/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Richard Frey	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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 12:24 PM
То:	JUDtestimony
Cc:	ktk@biodiesel.com
Subject:	*Submitted testimony for HB2555 on Feb 12, 2016 14:00PM*

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Kelly King	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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 10:59 AM
То:	JUDtestimony
Cc:	Tree@hawaii.rr.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Stephen Luksic	Individual	Support	No

Comments: Aloha, This is long overdue, this is a plant that is a great resource and should be legal to grow, It is ridiculous that it is not legal, it is a great textile that will invigorate our economy. Thank you, Stephen Luksic, Kula 96790

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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 10:25 AM
То:	JUDtestimony
Cc:	begoniabarry@gmail.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Barbara Barry	Individual	Support	No

Comments: Aloha, I strongly support this Bill. Let's get Maui diversified by growing Hemp in the valleys where sugar cane has grown as well as other non GE crops. Mahalo,

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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 1:58 PM
То:	JUDtestimony
Cc:	katc31999@gmail.com
Subject:	*Submitted testimony for HB2555 on Feb 12, 2016 14:00PM*

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Katarina Culina	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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 2:30 PM
То:	JUDtestimony
Cc:	dbagusto@yahoo.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Dierl	Individual	Comments Only	No

Comments: I support industrial hemp.

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.

#### In Support of HB2555: Relating to Industrial Hemp

With tremendous thanks to Representative Ing for drafting it, and to Representative Thielen and the other co-sponsors for making it a reality, I'm writing in support of HB2555. I believe this legislation will prove one of the most beneficial laws to Hawaii's economy, families and farmers in years. Not only that, but I can say as a full time hemp professional that it is also one of the best hemp bills in the nation to date.

HB2555's drafters have allowed both Hawaii's private farmers and its researchers to cultivate hemp by successfully navigating the federal hemp cultivation provision, section 7606 of the 2014 Farm Bill.

And Hawaii needs that. The growth of the hemp industry is undeniable. Nationwide hemp acreage has increased from 350 in 2014 to 6,000 acres this past season. Farmers in the 26 states already cultivating are showing that hemp is no flash in the pan. Acreage will increase exponentially again this season. A single Colorado farmer I harvested with last season is cultivating 1,500 acres this season.

The reason the hemp industry is launching with these incredible numbers is because even today (when farmers are allowed to sell their harvest as part of sales and marketing research), farmers are receiving prices more than five times what they get for corn, soy and wheat. Kentucky's outgoing Agriculture Commissioner James Comer told me that he expects hemp to be a "top five crop in the nation within ten years."

Hawaiian farmers and processors, too, will immediately utilize this diverse crop for uses raging from traditional (food security) to entrepreneurial (value added products for tourism and export) to environmental (soil restoration) to modern (energy independence).

Perhaps most important of all, HB2555 positions Hawaii's hemp industry to be on the leading edge when full commercial legalization inevitably comes on the federal level. This head start will be further augmented by Hawaii's climate, which allows year round planting of this short duration crop. This in turn permits the state's farmers and academics to lead research into both modern seed cultivars and hemp applications. Kudos to Rep. Ing and the legislature for putting forth a single bill that will be worth billions to the economy, allow independent farmers to make a substantial living, and help provide the state's residents with a regenerative future.

In conclusion, I'd like to shout out three of the bill's co-sponsors. First, Rep. Thielen, who has been tirelessly advocating for hemp around the world for two decades. She knows this crop's value to the future economy, and thanks goodness hemp's time has come while she's still in office. Second, Speaker Souki: I strolled into his office one morning two years ago to advocate for that sessions' hemp bill, and he graciously met with me, expressed support, took a copy of my book, and predicted that it'd be one or two years before a significant hemp bill allowing private cultivation passed. He was right. And of course, immense thanks goes to Rep. Ing for so early in his career seeing the real good that can be done for his constituents through hemp's cultivation, especially with major economic changes in place on Maui. HB2555 represents a positive watershed for Hawaii.

-Doug Fine Author, *Hemp Bound* Grant County, New Mexico

From:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 3:09 PM
То:	JUDtestimony
Cc:	kshimata@hawaiiantel.net
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Kathy Shimata	Individual	Support	No

Comments: Hemp is a very old plant with many uses. I believe we should keep as much land in agriculture as possible.

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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 3:17 PM
То:	JUDtestimony
Cc:	jennahia@yahoo.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Jennifer Noelani Ahia	Individual	Support	No

Comments: I strongly support this measure.

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:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 8:08 AM
То:	JUDtestimony
Cc:	starsister 2000@yahoo.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Bonnie Koba	Individual	Support	No

Comments: Please save jobs, save the land, & boost the economy by allowing Maui to grow industrial hemp! Please show the rest of the country/world that Hawaii if progressive & truly committed to its people & the aina- we can set a great example for others while doing what's best for our State. THANK YOU!

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:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 7:30 AM
То:	JUDtestimony
Cc:	bonnienewman10@gmail.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Bonnie Newman	Individual	Support	No

Comments: I strongly support HB2555 as a 30 year full-time Maui County resident. 27 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round proven by the research done by UH over the past 2 years with it's pilot program .It's time to expand this program to all Hawaii's Farmers and Ag companies alike. If Hawaii is to be on the leading edge of this multimillion dollar industry Hawaii farmers and Large Agriculture companies need to be able to grow this crop now! Expanding the growing of industrial hemp to all Hawaii will give farmers the opportunity to grow this crop and develop seed and strains that will boost our economy while helping to clean our soil and reduce our dependency on imports. Respectfully submitted: Bonnie Newman

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:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 6:51 AM
То:	JUDtestimony
Cc:	legechair@gmail.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Simon Russell	Individual	Support	No

Comments: Aloha Chair Tsuji, Vice Chair Onishi and Honorable Committee Members, I strongly support this measure, thank you for taking the time to consider it. I have plans to research the production of hemp for food, fuel and fiber, and this measure will help make that possible. Respectfully submitted, Simon Russell Farmer Hali'imaile, Maui

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:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 6:03 AM
То:	JUDtestimony
Cc:	kkburdt@gmail.com
Subject:	*Submitted testimony for HB2555 on Feb 12, 2016 14:00PM*

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Kristen Koba-Burdt	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:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 8:35 AM
То:	JUDtestimony
Cc:	erik.mcfrazier@gmail.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

## HB2555

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Erik McFrazier	Individual	Support	No

Comments: I strongly support HB2555 27 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round proven by the research done by UH over the past 2 years with it's pilot program .It's time to expand this program to all Hawaii's Farmers and Ag companies alike. If Hawaii is to be on the leading edge of this multi-million dollar industry Hawaii farmers and Large Agriculture companies need to be able to grow this crop now! Expanding the growing of industrial hemp to all Hawaii will give farmers the opportunity to grow this crop and develop seed and strains that will boost our economy while helping to clean our soil and reduce our dependency on imports. Respectfully yours Erik McFrazier

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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 9:02 PM
То:	JUDtestimony
Cc:	mrgach@att.net
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

## HB2555

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Michael Reed Gach	Individual	Support	No

Comments: I am writing to urge you to support the Industrial Hemp Bill HB2555. Industrial Hemp, which is completely different properties and chemistry than marijuana, has been used successfully used for food, pest and mold resistant building supplies, fuel, paper and clothing. The Declaration of Independence was drafted on hemp paper. Drought and pest resistant hemp revitalizes and detoxes soil. SUSTAINABILITY IN HAWAII: Hemp produces 4 times the raw material than trees for paper making. Hemp can be planted between 1-3 times a season, depending on location and can be recycled up to 10 times, compared to 3 or 4 for wood pulp paper. The same fibre products that the hemp harvest produces also provides raw-materials for a host of other sustainable products. I believe Industrial Hemp can be one of our major answers to selfsustainability. It can now make Hawaii more independent from imports and vital economically. In Hawaii, 80% of our resources are shipped in. Industrial Hemp is a healthy alternative to reduce or eliminate the need for Pesticides on our islands and to save water. This hardy, healthy crop benefits the well being of our Ohana and Aina. Please support industrial hemp bill HB2555. Michael Gach, Ph.D. P.O. Box 1808 Kihei, HI 96753

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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 8:50 PM
То:	JUDtestimony
Cc:	pollioliver@hotmail.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Polli Oliver	Individual	Support	No

Comments: I strongly support the passage of this Bill based on the many wonderful uses for this crop and the fact that it needs little or no pesticides.

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.

Testimony in Support of HB 2555

From: Katherine Smith Citizen and Voter Representing myself

To: JUD in House Conference Room 375 Friday, February 12, at 2:00 p.m.

Honorable Legislators;

Industrial Hemp holds promise as a cash crop for Hawai'i farmers, who see this plant as a rotational crop, soil conditioner and a feed crop. Harvested hemp is made into hundreds of products around the world—products that entrepreneurs in the Hawaii market can develop to diversify and grow our local economy. I am in support of any cash crop that can preserve agriculture -- our only hope to be a sustainable Hawai'i.

I urge you to support HB 2555 to allow farmers in Hawai'i to grow and sell industrial hemp as feed to support our livestock industry, and any other use that is profitable and grows our economy.

Respectfully and Mahalo Plenty,

Katherine Smith 500 Kapalua Drive # 20P7 Lahaina, HI 96761

From:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 8:33 PM
То:	JUDtestimony
Cc:	hrhsf@me.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

## HB2555

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Minister, Hector Hoyos (aka) SisterFace	Individual	Support	No

Comments: I'm in full support of Hemp, growing hemp, hemp helping our island in exporting & local business growth, saving the farmers & adding a new crop of workers. Hawaii needs this 100% Hemp will also help in many other ways your science is probably letting you know now. It can helper damaged soils with in a few growing seasons, hemp can help filter toxins out of our mountain streams and polluted water ways. Hemp is written in the foundation of our very country & was greatly used by the men who made the United States. Time to bring it back & for Hawaii, big! this will bring many jobs & off branch opportunities in all sorts of sciences & field of hemp, fuels, textiles, foods etc. I fully support Hemp Growth in Hawaii. I only & Loudly! say this... No Poisonous Pesticides should ever be used in the any part ever of the Hemp growing process and fields surrounding. No pesticides, Hemp can not only bring jobs, start Hawaii's future biggest export trade, but remember. Hemp will help heal our islands poisoned lands & old fields, A Blessings... Alohas

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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 10:39 PM
То:	JUDtestimony
Cc:	OccupyHiloMedia@yahoo.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Kerri Marks	Individual	Comments Only	No

Comments: strong support

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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 7:38 PM
То:	JUDtestimony
Cc:	davidsher@juno.com
Subject:	*Submitted testimony for HB2555 on Feb 12, 2016 14:00PM*

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Sherry Pollack	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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 7:33 PM
То:	JUDtestimony
Cc:	dfisherhi@gmail.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
David B. Fisher	Individual	Support	No

Comments: I support the legalization of industrial hemp. It is unfortunate that it has been the subject of much disinformation over the last half century. It is time to bring back the use of such a versatile plant, especially now that the era of large scale agriculture in Hawaii is coming to a close. Of course legalization for research, is not alone going to help us develop new forms of agriculture, but it is a helpful first step. Aloha and mahalo

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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 5:57 PM
То:	JUDtestimony
Cc:	westmango7@gmail.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Joy Nelson	Individual	Support	No

Comments: I strongly support HB2555 This bill needs to be fast tracked, so Maui can replace the lack of sugar cane with hemp and keep us green. 27 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round proven by the research done by UH over the past 2 years with it's pilot program .It's time to expand this program to all Hawaii's Farmers and Ag companies alike. If Hawaii is to be on the leading edge of this multi-million dollar industry Hawaii farmers and Large Agriculture companies need to be able to grow this crop now! Expanding the growing of industrial hemp to all Hawaii will give farmers the opportunity to grow this crop and develop seed and strains that will boost our economy while helping to clean our soil and reduce our dependency on imports.

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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 4:53 PM
То:	JUDtestimony
Cc:	patriciablair@msn.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Patricia Blair	Individual	Support	No

Comments: It is important to Hawaiis economy to pass this Hemp bill.

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:	mailinglist@capitol.hawaii.gov
Sent:	Wednesday, February 10, 2016 4:52 PM
То:	JUDtestimony
Cc:	terry@americanreef.org
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/10/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Terry Hunt	Individual	Support	No

Comments: I support industrial hemp as an agricultural crop in the state of Hawaii

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:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 9:03 AM
То:	JUDtestimony
Cc:	mpahukoa@gmail.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Mary Ann Pahukoa	Individual	Support	No

Comments: I strongly support HB2555 There are so many beneficial reasons to grow industrial hemp. If Hawaii is to be on the leading edge of this multi-million dollar industry Hawaii farmers and Large Agriculture companies need to be able to grow this crop now! Expanding the growing of industrial hemp to all Hawaii will give farmers the opportunity to grow this crop and develop seed and strains that will boost our economy while helping to clean our soil and reduce our dependency on imports. Our landfills on all islands need to be managed better, industrial hemp will reduce the amount of trash and will benefit more towards compost and rich soil. A huge factor and benefit in growing hemp. Being isolated islands in the middle of the pacific has responsibilities, like taking care of our refuse & waste systems. Hemp will not only help reduce the amount of waste headed to our landfill but it will reduce plastics all over the world. Please vote with righteous thoughts of our land & future generations in mind. Me Ke Aloha, Mary Ann Kamalani Pahukoa East Maui farmer

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:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 8:59 AM
То:	JUDtestimony
Cc:	mauifaith@gmail.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Faith Chase	Individual	Support	No

Comments: Aloha Lawmakers, I am most proud of this bill and all efforts to support industrial hemp in Hawaii. On Maui specifically we have great strides to make in being AG leaders with solutionary intentions. Please include Aha Moku in decisions moving forward as well.

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:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 11:32 AM
То:	JUDtestimony
Cc:	ricbillman@gmail.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Richard Billman	Individual	Support	No

Comments: I strongly support HB2555. To date, 27 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp yearround, proven by the pilot program research done by University of Hawaii over the past two years. It's time to expand this program to Hawaii's farmers and agricultural companies alike. If Hawaii is to be on the leading edge of this multimillion-dollar industry, our farmers and agriculture companies need to grow this crop now! Growing industrial hemp in Hawaii will give farmers and firms the opportunity to develop seeds and strains that will boost our economy and create jobs while helping to clean our soil and reduce our dependency on imports. Respectfully yours, Richard Billman

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:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 10:50 AM
То:	JUDtestimony
Cc:	irish7413@yahoo.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

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

Comments: I strongly support HB2555 27 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round proven by the research done by UH over the past 2 years with it's pilot program .It's time to expand this program to all Hawaii's Farmers and Ag companies alike. If Hawaii is to be on the leading edge of this multi-million dollar industry Hawaii farmers and Large Agriculture companies need to be able to grow this crop now! Expanding the growing of industrial hemp to all Hawaii will give farmers the opportunity to grow this crop and develop seed and strains that will boost our economy while helping to clean our soil and reduce our dependency on imports. Respectfully yours, Amber Long

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:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 10:25 AM
То:	JUDtestimony
Cc:	mendezj@hawaii.edu
Subject:	*Submitted testimony for HB2555 on Feb 12, 2016 14:00PM*

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Javier Mendez-Alvarez	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:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 1:28 PM
То:	JUDtestimony
Cc:	lindsayrosow@yahoo.com
Subject:	*Submitted testimony for HB2555 on Feb 12, 2016 14:00PM*

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Barbara Rosow	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.



Aloha, Honorable Chair Rhoads, Vice-chair Buenaventura and Committee Members,

Maui Hemp Institute for Research and Innovation is in STRONG support of HB2555.

The Maui Hemp Institute for Research and innovation is a Nonprofit 501c3 company whose members have worked with legislators, both local and national. as well as the general public, to educate our community in the business and private sector on the many benefits of industrial hemp over the past three years.

Growing industrial hemp was made legal when President Obama signed the 2014 Farm Bill into law (Agricultural Act of 2014), under which section 7606 authorizes industrial hemp research and pilot programs in states that regulate hemp farming under the authority of the state department of agriculture. Farmers and Universities in Colorado, Kentucky and Vermont have already planted hemp crops to conduct pilot programs after registering with their state department of agriculture.

Twenty-seven US States have already passed industrial hemp legislation.

Hawaii is in a unique position to grow industrial hemp year-round, which was proven by the research done by UH over the past two years with it's pilot program. It is time to expand this program to all Hawaii's farmers and agricultural companies alike. If Hawaii is to be on the leading edge of this multi-million dollar industry, Hawaii farmers and large agriculture companies need to be able to grow this crop, now!

Harvested hemp is made into hundreds of products around the world — products that entrepreneurs in the Hawaii market can develop to diversify and grow our local economy.

Currently on Maui we have the second house made with hemp being built! This house is naturally resistant to mold, mildew and termites and is fire retardant! Maui Brewing Company will be brewing hemp beer for our third annual 2016 Hemp History Week in June. Styrophobia, an Oahu-based company, has been using hemp to make their recyclable containers for years. These are just 3 products and businesses making money from utilizing hemp — unfortunately they must import it.

Expanding the growing of industrial hemp to all Hawaii will give farmers the opportunity to grow this crop and develop seed and strains that will boost our economy while helping to clean our soil and reduce our dependency on imports.

It will give current businesses and budding entrepreneurs alike a vehicle to grow specific markets that can only be done here in Hawaii.

We appreciate your support of this very important bill.

Mahalo,

ver

Denise Key Educational Director, Maui Hemp Institute for Research & Innovations



From:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 2:14 PM
To:	JUDtestimony
Cc:	lsierraknight@yahoo.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
LS Knight	Individual	Support	No

Comments: We need to allow hemp to be grown here on Maui as an alternative to cane. It will provide jobs and materials for building and a variety of uses like food for people and animals as well as biomass for fuel Please pass this important bill. Sierra Knight Maui

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:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 11:03 PM
То:	JUDtestimony
Cc:	islandgirlocean@aol.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
suzanne Coffman	Individual	Comments Only	No

Comments: I believe that this bill definitely needs to be passed it will create many jobs and good for the economy I vote yes on hemp and medical cannabis

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.

The Twenty-Eighth Legislature Regular Session of 2016



HOUSE OF REPRESENTATIVES Committee on Judiciary Rep. Karl Rhoads, Chair Rep. Joy A. San Buenaventura, Vice Chair State Capitol, Conference Room 325 Friday, February 12, 2016; 2:00 p.m.

# STATEMENT OF THE ILWU LOCAL 142 ON H.B. 2555 RELATING TO INDUSTRIAL HEMP

The ILWU Local 142 supports H.B. 2555, which authorizes the Board of Agriculture to allow persons to research, grow, and sell industrial hemp and requires licensure of persons to purchase unprocessed, harvested industrial hemp. Makes no appropriation.

Since the decline of pineapple production and the impending closure of the last sugar plantation in Hawaii, acres of good agricultural land have remained fallow or have undergone or will undergo extensive development. While other crops have been introduced to replace sugar and pineapple and provide jobs for hundreds of people, some of them have faced stiff opposition from environmentalists and others who oppose genetically modified organisms (GMO) and large-scale pesticide use. The irony is that those who oppose GMO's also oppose expanded development and want to "keep the country country."

Hawaii's economy needs diversification. Tourism may be our number one industry but cannot be the state's sole economic driver. Indeed, tourism needs agriculture for its survival as much as it needs beaches and good weather. Flying over Maui and seeing acres of green, growing sugar cane is a delight for both visitors and residents, but that will end before too long. The State recognized the importance of agricultural lands on the North Shore of Oahu and wisely appropriated funding to obtain lands owned by the Galbraith Estate.

H.B. 2555 offers an opportunity for another crop to make use of vacant agricultural lands, provide jobs, stave off development, and preserve open spaces. That crop is industrial hemp, which is not the same as marijuana used for medicinal and recreational drug purposes. While from the same family as marijuana, industrial hemp is low in THC, scientifically different from marijuana, and cultivated differently. Industrial hemp is grown for its seed and fiber content and is used to produce food, oil, furniture, and fabric.

We believe this is a crop is worth considering for its economic potential. The ILWU urges passage of H.B. 2555. Thank you for considering our testimony.



From:	mailinglist@capitol.hawaii.gov
Sent:	Thursday, February 11, 2016 5:30 PM
То:	JUDtestimony
Cc:	keahipua@yahoo.com
Subject:	Submitted testimony for HB2555 on Feb 12, 2016 14:00PM

Submitted on: 2/11/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Joy Mills	Individual	Support	No

Comments: We need alternative textual material & hemp is a good natural alternative to many products such a material for clothing and plastic that is biodegradable. Hemp is sustainability that we need now . Mahalo

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:	mailinglist@capitol.hawaii.gov
Sent:	Friday, February 12, 2016 8:47 AM
То:	JUDtestimony
Cc:	pfdevries108@gmail.com
Subject:	*Submitted testimony for HB2555 on Feb 12, 2016 14:00PM*

Submitted on: 2/12/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Peter deVries	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:	mailinglist@capitol.hawaii.gov		
Sent:	Friday, February 12, 2016 2:33 PM		
То:	JUDtestimony		
Cc:	babesagainstbiotech@gmail.com		
Subject:	*Submitted testimony for HB2555 on Feb 12, 2016 14:00PM*		

Submitted on: 2/12/2016 Testimony for JUD on Feb 12, 2016 14:00PM in Conference Room 325

Submitted By	Organization	<b>Testifier Position</b>	Present at Hearing
Nomi Carmona	Babes Against Biotech	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.