

DAVID Y. IGE
Governor

SHAN S. TSUTSUI
Lt. Governor



State of Hawaii
DEPARTMENT OF AGRICULTURE
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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 SENATE COMMITTEE ON WAYS AND MEANS
February 26, 2015
9:00 A.M.
CONFERENCE ROOM 211**

**SENATE BILL NO. 375 SD 1
RELATING TO INDUSTRIAL HEMP**

Chairperson Tokuda and Members of the Committee:

Thank you for the opportunity to testify on Senate Bill No. 375 SD 1. This bill authorizes industrial hemp to be grown for research purposes as authorized in Section 7606 for the 2014 Farm Bill. The department supports the bill with amendments.

Section 7606 of the 2014 Farm Bill authorizes industrial hemp to be grown for research purposes under an agricultural pilot program administered only by institutions of higher education and/or State departments of agriculture. SB 375 authorizes institutions of higher education to cultivate and possess industrial hemp so that they can conduct research on the plant. It also authorized the department to develop a list of certified seed and to promulgate rules to establish a pilot program to conduct research by contracting with private growers to conduct research with industrial hemp.

The department has concerns with the language under the "Rulemaking" section of the bill as it states that the "board is authorized to contract with private growers to conduct research and pilot programs as allowed under section 7606 of the Farm Bill of 2014". This is a misinterpretation of the Farm Bill which only allows pilot programs for the purpose of conducting research. The department suggests this sentence should be changed to "board is authorized to contract with private growers to conduct research



under an agricultural pilot program as allowed under section 7606 of the Farm Bill of 2014”.

We also have concerns with paragraph (c)(3) under the section titled “Growing of industrial hemp for research purposes; registration”. This paragraph states that applications for registration shall include “The approved seed cultivar to be grown and whether the seed cultivar will be grown for its grain or fiber, or as a dual purpose crop”. This language severely limits the research possibilities for this crop. We suggest that this language be changed to “The approved seed cultivar to be grown and a seed development plan with a detailed description of the proposed research to be conducted”. This will allow for greater flexibility in the research applications for growing hemp.

The definitions section has a definition for “seed cultivar” which references varieties but no definition of variety. Variety should be define as ““Variety” means a group or individual plants that exhibit the same observable physical characteristics or have the same genetic composition”. This section also has a definition for “Seed development plan” but there is no reference to this term in the proposed additions to the statutes. This term should be added to paragraph (c)(3) under “registration”. The definition should be changed to ““Seed development plan”, means a strategy devised by a registered seed breeder, or applicant seed breeder, detailing the breeders planned research approach and expected results to growing and developing new seed cultivars for industrial hemp”.

Thank you for the opportunity to testify.



UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

Written Testimony Presented Before the
Senate Committee on Ways and Means
Thursday, February 26, 2015 at 9:00 am

By

Robert Bley-Vroman, Chancellor

And

Maria Gallo, Dean

And

J. Kenneth Grace, Associate Dean

College of Tropical Agriculture and Human Resources

University of Hawai'i at Mānoa

SB 375 SD1 – RELATING TO INDUSTRIAL HEMP

Chair Tokuda, Vice Chair Kouchi and members of the Senate Committee on Ways and Means, we respectfully submit testimony in support of SB 375 SD1, which authorizes the growing of industrial hemp for certain purposes under specified conditions.

Through the efforts of the College of Tropical Agriculture and Human Resources (CTAHR), University of Hawai'i at Mānoa, and other units within the University of Hawai'i system, we fully support diversified agriculture and the development of new crops for cultivation in Hawai'i. Under legislation passed in 2014, CTAHR is currently conducting a limited-scale research project on industrial hemp. However, given the federal restrictions on importation and movement of hemp seed, it is not practical for CTAHR to conduct extensive variety trials, a step that would be advisable given that hemp is a temperate crop and there are currently no established varieties for cultivation in the tropics. Ideally for biomass production, industrial hemp plants should grow tall and straight, but the temperate varieties are known to branch and flower at low height in the tropics. By permitting private farmers to obtain and test their ability to cultivate hemp, as authorized by SB 375 SD1, many more possible varieties could potentially be assessed under field conditions.

A second issue with an entirely new crop such as hemp is the absence of any established market for the crop in Hawai'i. Permitting farmers to conduct trial plantings will also allow them to assess market potential for their crop, and hopefully begin to establish market value.

Thus, with industrial hemp, there are distinct advantages to permitting private farmers to conduct trial plantings in order to develop the sort of variety, yield, and market information that a more targeted university trial cannot obtain, as well as to enable farmers to test cultivation practices under a broad range of conditions across the islands.

We believe that the Department of Agriculture is the correct agency to manage the proposed permitting program, although we defer to that agency with respect to fiscal and management aspects of the proposed legislation. We support the permitting approach of SB 375 SD1, and believe that it complements the more technical research that can be conducted by the University of Hawai'i under the previous legislation.

SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Vince Kana`i Dodge	`Ai Pohaku	Support	No

Comments:

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Stephen Shrader	Flavor of Hawaii Farms	Support	No

Comments: We are an organic farm. We eat organic hulled hemp seed as a primary dietary source of protein (11% protein!) everyday. We import it from the plains of Canada and wonder why we aren't growing it on our farm and selling it locally and domestically. When my father-in-law joined the military in World War II he brought his family knowledge of hemp production and rope manufacturing to bear. The world-wide market for non-psychoactive hemp is endless. The potential for hemp farming on the 'bleak' lava 'tundra' of the Big Island is enormous. I want to grow hemp on my farm. Please help make it possible to add another protein-dense super food to the options for feeding ourselves from within.

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SB375

Submitted on: 2/25/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Robert Bacher	Green Futures	Support	No

Comments: I support the intent of this bill to allow farmers and companies to grow a profitable and versatile crop. Please add dates in the near future to ensure it happens expeditiously. Also, since the cannabinoid CBD is actually the most profitable and compelling purpose to grow hemp, so please either remove the "Prohibited Activity", which is unnecessary because hemp does not contain THC over 0.3%. Also Section 7606 authorizes "agricultural pilot programs" which "study the growth, cultivation, or marketing of industrial hemp." Thus, sales and marketing of hemp raw materials is allowed under the research and pilot programs authorized in Section 7606. So please explicitly allow companies to profitably research this profitable crop, or it will just cost UH more money.

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

February 24, 2014

Vincent Mina
President
Mauna Kahalawai

Aloha Honorable Chair Tokuda, and esteemed members of the Ways and Means Committee,

Simon Russell
Vice-President
Haleakala

Hawaii Farmers Union United is in strong support of SB 375. The Acronym we use for HEMP is Hawaii Environmental Money Producer. We are also in strong support of the requested appropriation for this measure.

Kai Hinson
Secretary
Oahu

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 \$3bn 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.

Ray Maki
Treasurer
Kauai

The cultivation of industrial hemp in different areas (Which is the intent of this bill) of the state will 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.

Alika Atay
Mauna Kahalawai

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 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.

Pamela Boyer
Oahu

Greg Smith
Ka'u

We appreciate your support for this important step forward for Hawaii's agricultural future.

Phyllis Robinson
Haleakala

Dashiell Kuhr
Kohala

Mahalo,
HAWAII FARMERS UNION UNITED

Kyle Studer
East Hawai'i

Vincent Mina, President

Steve Sakala
Kona

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 to create and sustain vibrant and prosperous agricultural communities for the benefit of all Hawai'i through cooperation, education and legislation.

SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Joshua Potocko	Ilio Lani Farm, LLC	Support	No

Comments: This bill represents a very simple, straightforward way to allow production of non-harmful hemp crop on Oahu. Because hemp products (fiber for textiles and rope, as well as food and milk products) are growing popularity as a sustainable, natural substitute for other synthetic (mainland) ones, this could be a real boon to the state economy. It also supports small, family owned, sustainable farms, like ours. Thank you for moving progress forward in Hawaii!! Mahalo.

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The Twenty-Seventh Legislature
Regular Session of 2015

THE SENATE

Committee on Ways and Means

Senator Jill N. Tokuda, Chair

Senator Ronald D. Kouchi, Vice Chair

State Capitol, Conference Room 211

Thursday, February 26, 2015; 9:00 a.m.

**STATEMENT OF THE ILWU LOCAL 142 ON S.B. 375, SD1
RELATING TO INDUSTRIAL HEMP**

The ILWU Local 142 supports S.B. 375, SD1, which authorizes the growing of industrial hemp for certain purposes under specified conditions and appropriates funds for the Department of Agriculture to assist in registration of industrial hemp growers and seed testing.

Since the decline of sugar and pineapple production 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. 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.

S.B. 375, SD1 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, and fabric for clothing.

We believe this is a crop is worth consideration for its economic potential. S.B. 375, SD1 provides for a pilot project to cultivate industrial hemp and regulation of growers and seed testing.

The ILWU urges passage of S.B. 375, SD1. Thank you for considering our testimony.

SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Amara Karuna	Laakea community LLC	Support	No

Comments: thanks for supporting this wonderful measure.

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SB375

Submitted on: 2/25/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
marcy montgomery	One Island Sustainable Living	Support	No

Comments: Hawaii is in an ideal position to take a leadership role in building a new green economy. Industrial hemp production will be a financial boon to Hawaii and help capture a share of the market that Canada has dominated. PLEASE support legislation legalizing hemp production for food and fiber.

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Submitted By	Organization	Testifier Position	Present at Hearing
Angela Breene	Waihuena Farm	Support	No

Comments:

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SB375

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Submitted By	Organization	Testifier Position	Present at Hearing
Albert Sikirdji	Individual	Comments Only	No

Comments: I strongly support SB375 . 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours
Albert J Sikirdji

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Submitted By	Organization	Testifier Position	Present at Hearing
Amber Long	Individual	Support	No

Comments: I strongly support SB375 . Being born and raised here i believe it is our responsibility to preserve our land & water for generations to come. I believe HEMP can do that! When the last tree has been cut down, the last fish caught, the last river poisoned, only then will we realize that one cannot eat money ~ Cree Proverb 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Mahalo, Amber Long

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SB375

Submitted on: 2/24/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Ann Pitcaithley	Individual	Support	No

Comments: I fully support the cultivation of hemp in Hawaii. It was a major industry in US history. Hemp is recognized by its wide range of products: food, building materials , textiles, oil for fuel, plastic substitutes, and paper. No other natural resource offers the potential of hemp. It does not require pesticides. It is a tragedy that it was ever prohibited in the US.

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SB375

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Submitted By	Organization	Testifier Position	Present at Hearing
autumn ness	Individual	Support	No

Comments:

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Submitted By	Organization	Testifier Position	Present at Hearing
Barb Cuttance	Individual	Support	No

Comments: Please pass this important bill. Industrial hemp will offer many farmers a great sustainable crop to grow as well as enhance the economy in many different ways.

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Submitted By	Organization	Testifier Position	Present at Hearing
Ben Shafer	Individual	Support	No

Comments:

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Submitted By	Organization	Testifier Position	Present at Hearing
Bill Smith	Individual	Support	No

Comments:

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Submitted By	Organization	Testifier Position	Present at Hearing
Bob Babson	Individual	Support	No

Comments:

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Submitted By	Organization	Testifier Position	Present at Hearing
Bonnie Marsh	Individual	Support	No

Comments: Please support the growing of Industrial Hemp, it will help to clean up the soil and bring revenue to Hawaii in so many positive ways.

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Submitted By	Organization	Testifier Position	Present at Hearing
Brian Emmons	Individual	Support	No

Comments:

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Submitted By	Organization	Testifier Position	Present at Hearing
Briana Hurley	Individual	Support	No

Comments: Aloha, I am submitting testimony in support of this measure. The fact that Hemp is considered a drug is very misleading to the public. It is not a mind altering substance. It is no secret that growing hemp in Hawaii is the BEST option we have to work towards being sustainable islands. We can make HOUSES and BUILDINGS out of it. We can make SIDEWALKS and ROADS from it. We can make PAPER with it. We can make CLOTHING out of it. It is arguably the most versatile crop in nature. Please let us move forward, not backwards, and pass this legislation.

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Submitted By	Organization	Testifier Position	Present at Hearing
Carey Lillis Tinsley	Individual	Support	No

Comments: This would obviously be good for Hawaii in every way, please pass the bill.
Mahalo nui

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Submitted By	Organization	Testifier Position	Present at Hearing
Cathy Goeggel	Individual	Support	No

Comments:

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Submitted on: 2/25/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Charlotte McLaughlin	Individual	Support	No

Comments: I strongly support SB375 . 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are numerous products that can be made from industrial hemp, including highly nutritious food, clothing and building materials which are pest and mold resistant. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! Hemp is not an intoxicant and indeed could only harm production of marijuana with cross pollination. One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Sincerely, Charlotte McLaughlin

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Submitted on: 2/24/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Chris Peterson	Individual	Support	No

Comments: I own farmland on Hawaii Island. I would welcome the opportunity to grow this crop.

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Submitted By	Organization	Testifier Position	Present at Hearing
D Brothers	Individual	Support	No

Comments: It is ludicrous to make a harmless plant illegal. You can't smoke it. There is no cotton here to compete with. Please make the intelligent decision.

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Submitted By	Organization	Testifier Position	Present at Hearing
Dave Kisor	Individual	Support	No

Comments: Hemp, whether industrial or not is one of the most versatile and valuable plants on the planet, but since it competes with so many other industries that are terrified to change their way of thinking, it is the most hotly contested. due to an old myth, it is often compared to its high THC relative, marijuana, but it is not that. www.thehia.org , the Hemp Industry of America is a good reference site. The first cars were designed to run on hemp before the petroleum industry forced them to use their product. Castor oil was used for lubrication, but got the same industrial treatment. If hemp were grown and processed at various sites, it could eliminate the requirement for pipelines, which are very unpopular. It would be a genuine boost for the economy and what's more since the stuff grows almost anywhere, it's the epitome of sustainability, something petroleum and geothermal (the way it's done here) doesn't come close.

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SB375

Submitted on: 2/24/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
David Leake	Individual	Support	No

Comments: I strongly support SB375 because it's time to get serious about diversifying and strengthening agriculture in Hawaii. 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Sincerely, David Leake

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Aloha Senators,

I strongly support SB375, to facilitate expansion of hemp farming in Hawaii.

Hemp is a crop ideally suited for, and sorely needed by, Hawaii. It can help our farmers to prosper, and, more than any other crop, can help Hawaii become food and energy independent. Hemp seeds are among the world's most nutritious foods, and hemp oil can provide fuel, lubricants, plastics and everything for which we now rely on petroleum. Please give today's and tomorrows Hawaiians a chance to enjoy the thriving future that hemp can help us achieve. Please vote for SB375.

Mahalo,
David H. Pettus, Ph.D.
Honoka`a, Hawaii

SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Denise Key	Individual	Support	No

Comments: Denise Key 3065 Mapu Place, # A, Kihei, HI 96753 (810) 287-9253
February 24, 2015 RE: Strong Support for SB375 Relating to Industrial Hemp Dear Honorable Senators, The US is the world's largest importer of industrial hemp. In 2013, the US imported over \$550 million of industrial hemp. Hawaii imports over 70% of food, clothing, and shelter material. Hawaii's soils are depleted and filled with toxins from years of mono-cropping and the practice of using petrol-chemicals that go into our drinking water, streams and ocean. Industrial hemp offers Hawaii a natural solution. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Passing this bill will give our farmers the opportunity to grow seed for the rest of the US and develop a local industry that will create jobs, reduce our dependency on import and help to clean our soil. The current industrial hemp law only allows one test site for research through the University of Hawaii, Manoa for two years. Expanding the test site for research to include the other islands will allow quicker and more accurate knowledge of which industrial hemp variety grows best at what elevation and environmental conditions. This will allow small and large farmers to gain knowledge in development and specialization in an end product that would make it profitable for them—it would encourage a much needed economic incentive and boost for all Hawaii farmers, especially those islands that are now struggling with economic decline. The market for industrial hemp products already existing in Hawaii. I've just worked on a house built with hemp—the first of its kind in Hawaii (it was covered by the Maui Weekly on Feb 1,2015. I can purchase hemp beer at Safeway; buy hemp seeds at Costco; hemp cosmetics and other food products are offered at Wal-mart and Longs. The research proposed in this bill is allowed by Federal regulations. 1 test site isn't enough for Hawaii to succeed in this market. As a citizen of Hawaii , I urge you to invest in Hawaii's future! Pass SB375 and let Hawaii farmers grow industrial hemp. Sincerely, Denise Key www.ihemphi.com

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Dephlia Rackley	Individual	Support	No

Comments:

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Don Heacock	Individual	Comments Only	No

Comments: Aloha no Senators, I strongly support SB 375 HD1, Relating to industrial hemp. Industrial hemp has enormous potential to make Hawaii relatively economically independent thru its use to manufacture paper, fiber board, liquid bio-diesel, soap, skin care products, remediation of polluted soils, biomass, and many other uses. Please support and pass SB 375 SD1 that will improve Hawaii's economic well-being, improve environmental conditions, and improve social conditions thru creation of sustainable jobs. Sincerely, Donald E. Heacock Kauai Sustainable Agroecological Systems Box 1323, Lihue, Kauai, HI 96766

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Edward Aloii	Individual	Support	No

Comments:

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Eliel Starbright	Individual	Support	No

Comments: I strongly support SB375 . 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours Eliel Starbright

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Elisabeth Grove	Individual	Support	No

Comments: Industrial hemp is important to many aspects of our life and culture: 1) it is a great renewable resource; 2) it replenishes the soil; 3) has many uses, from fabric to fibreboard, and could be used to jump start manufacturing in Hawai'i which is sorely needed. Please do not listen to misinformation and scare tactics -- it is a common sense way to use our 'aina in a responsible way that has many, many benefits. It is a no brainer!

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Eloise Engman	Individual	Support	No

Comments: I support SB375 and urge it's passage. Allowing all farmers the option to grow industrial hemp in Hawaii will benefit our economy and our environment. Hemp is very good for the soil and it is a raw material which is in high demand.

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Eva Lee	Individual	Support	No

Comments:

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Faith Ewbank	Individual	Support	No

Comments:

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David M. Raatz, Jr., Esq.

COUNTY COUNCIL
COUNTY OF MAUI
200 S. HIGH STREET
WAILUKU, MAUI, HAWAII
96793
www.MauiCounty.us

February 25, 2015

TO: Honorable Russell E. Ruderman, Chair
Senate Committee on Agriculture

Honorable Gilbert S.C. Keith-Agaran, Chair
Senate Committee on Judiciary and Labor

Honorable Jill N. Tokuda, Chair
Senate Committee on Ways and Means

Handwritten signature of Gladys C. Baisa in cursive.

FROM: Councilmember Gladys C. Baisa

SUBJECT: **HEARING OF FEBRUARY 26, 2015; TESTIMONY IN SUPPORT OF SB 375, SD1, RELATING TO INDUSTRIAL HEMP**

Thank you for the opportunity to testify in **support** of this important measure. The purpose of this measure is to authorize industrial hemp to be grown for purposes of research conducted under an agriculture pilot program or other agricultural or academic research by an institution of higher education.

The Maui County Council has not had the opportunity to take a formal position on this measure. Therefore, I am providing this testimony in my capacity as an individual member of the council.

I support this measure for the following reasons:

1. This measure, in principle, is similar to a bill in the Maui County Council package to authorize an industrial hemp research program in each county under the University of Hawaii.
2. Industrial hemp is a \$500-million industry in the United States and hemp fibers are used to make thousands of different items, including fabrics, construction materials, foods, care products, and auto parts. I recognize the potential economic development benefits of this crop, and believe allowing demonstration projects in each county may yield better research results.

For the foregoing reasons, I **support** this measure.

SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Graham Ellis	Individual	Support	No

Comments: I strongly support SB375 . 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours
Graham Ellis

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Harley Hightower	Individual	Comments Only	No

Comments: When marijuana was outlawed, a big mistake I believe, in the process we outlawed one of the most useful and versatile crops known to man. Hemp can be used for making rope, textiles, and paper, as well as many other commercial products. It is also known to have quite a number of medical uses. Active ingredients in hemp are known to treat cancer, alleviate the pain of chemo-therapy, be used as a non addictive sedative, and in many other medical treatments. Now that hemp is being legalized in other States for recreational marijuana use, the much less psychoactive cultivar of the plant known as hemp should surely be used to improve the Island's economy by providing extremely cost-effective material for all of these industrial and medicinal uses of the plant that have been known to mankind and widely used for ages. For the sake of our currently decimated agricultural capacity alone, and for desperately needed high paying jobs as well as the other reasons sited above, and other uses too numerous to mention here, it seems like a very worthwhile reform of the law.

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Heather Salmon, Maui County Resident

TESTIMONY IN STRONG SUPPORT OF SB375– RELATING TO INDUSTRIAL HEMP

Aloha Esteemed Members of the Committee,

I am in strong support of this bill that would authorize the growing of industrial hemp for certain purposes under specified conditions. Appropriates funds for department of agriculture staff to assist in registration of industrial hemp growers and seed testing.

I think that this is the way of a sustainable future for Hawaii! That it would inject billions of dollars into our community and would resolve many issues as a replacement for sugar cane in particular on Maui.

Sincerely,

Heather Salmon

SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
howie simon	Individual	Support	No

Comments: As A Farmer, I strongly support this bill for the economic benefits this program will bring.

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I strongly support SB375 .

21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, increase state tax revenues, reduce our dependency on import and help to clean our soil from years of toxins! Plus hemp is a great organic grown crop to replace unused sugarcane lands that is good for our Aina. One test site isn't enough. Invest in Hawaii's future by passing SB375 and let Hawaii farmers grow industrial hemp.

Respectfully yours,

Ms. I AM

15-2662 Pahoa Village Rd. suite 306-8930

Pahoa, HI 96778

SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Dr. Jana Bogs	Individual	Support	No

Comments: As a sustainable crop consultant, I see hemp as a very useful and economically important crop for our islands.

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SB375

Submitted on: 2/25/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Jason Worchel	Individual	Comments Only	No

Comments: We need to expand our agricultural products. This is a beneficial crop that will allow Hawaii farmers to develop a new, profitable crop. There is no reason to deny farmers the right to grow this crop and develop hemp as a marketable product.

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SB375

Submitted on: 2/24/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Javier Mendez-Alvarez	Individual	Support	No

Comments:

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Jeff Lind	Individual	Support	No

Comments: Please support this bill to allow industrial hemp to be grown in Hawaii--so important for our agriculture and economy! Mahalo!

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SB375

Submitted on: 2/25/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Jenna Long	Individual	Support	No

Comments:

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

Comments:

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Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Joan Lander	Individual	Support	No

Comments: Did you know that when the sugar industry in Puna was in decline, a state task force was formed to figure out a new crop for the area. One task force member researched and found that a certain plant would be ideal for growing on the depleted soil left over in the sugar fields, could be grown at both high and low elevations, didn't need a lot of rain, and would supply the raw material for various useful products such as paper, rope, oil, etc. When he announced his findings to the task force, they laughed and dismissed him. He had discovered hemp but didn't realize it was cannabis. The task force members refused to even consider it. Please don't repeat this head-in-the-sand attitude and pass this bill.

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Joe Ritter	Individual	Support	Yes

Comments: I support this bill. I have previously supported this with early testimony. On Maui we need alternatives to burning cane which produces toxic smoke. Hemp has many uses and can stimulate our economy. This is a crop which remediates soil, generates a useful fiber and produces food. Please help us to bring crops to Hawaii that rather than hurt us like Cane, that will help our economy and environment like Hemp. Supporting farming of Hemp supports a new branch of our agricultural economy. Thank you, Dr. Joe Ritter Senate D6 House D11

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
joel goldfarb	Individual	Support	No

Comments: I strongly support SB375 . 21 US states have already studied and passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the U.S. and develop a local industry for other hemp products (such as housing construction) that will create jobs, reduce our dependency on imports and help to clean our soil from years of toxic chemical applications. One test site isn't enough. Invest in Hawaii's future - pass SB375 and let Hawaii farmers grow industrial hemp. We will all benefit. Respectfully, Joel Goldfarb

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
John Gelert	Individual	Support	No

Comments: Industrial hemp is a great way to remediate the soil that has been damaged by pesticides. Hemp can be grown organically and provide fiber for clothing, oil for food, fuel, or plastic, and many other uses. Please plant more and more of this valuable crop!

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Jonathan Boyne	Individual	Support	No

Comments: I strongly support SB375. 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours
Jonathan Boyne

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SB375

Submitted on: 2/24/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Joseph A. Bobich	Individual	Support	No

Comments: I support this bill.

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Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Joseph Dunsmoor	Individual	Support	No

Comments: I am a farmer and need hemp seed to complete a Hawaii made chicken feed. Hemp seed is one of the most nutritious, high protein foods we can grow in Hawaii

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Submitted on: 2/25/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Joseph Kohn MD	Individual	Support	No

Comments: www.WeAreOne.cc

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Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Julie and Thomas Pasquale	Individual	Support	No

Comments: We strongly support allowing Hawaii farmers to grow industrial hemp. This will be good for both the environment and the economy. Mahalo.

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Submitted on: 2/24/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Kalawai'a Goo	Individual	Support	No

Comments:

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Submitted By	Organization	Testifier Position	Present at Hearing
Kaliko Amona	Individual	Support	No

Comments:

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Karen Petras	Individual	Support	No

Comments: Hawaii is desperately in need of some cash crops that can create revenue and give our state all the more reason not to pave it over! Hemp clothing is wonderfully soft, and hemp crops use much less pesticide than most commercial crops. It's a win-win situation. Mahalo!

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Submitted By	Organization	Testifier Position	Present at Hearing
kathleen sheehan	Individual	Support	No

Comments:

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Katie Romanchuk	Individual	Support	No

Comments: SB 375 only allows extremely low thc levels so it is not intended for intoxication purposes, but for other practical and industrial uses that could help Hawaii become more resourceful and sustainable on its own without depending so much on mainland resources. The uses for hemp are numerous and would save trees and shipping, fuel etc. Please consider saying yes to this bill.

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Keith Ranney	Individual	Support	No

Comments: I strongly support SB375. 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from decades of toxic farming practices! One test site isn't enough. Invest in Hawaii's future. Pass SB375 and let Hawaii farmers grow industrial hemp. Aloha, Keith Ranney

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Ken Stover	Individual	Support	No

Comments: strongly support SB375 . 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours Ken Stover

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Kuliaikanu'u Petzoldt	Individual	Support	No

Comments: I stand in STRONG SUPPORT of industrial hemp in Hawaii.

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Lars Lind	Individual	Support	No

Comments: Please support this bill to allow the growing of industrial hemp in Hawaii.

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
lauryn rego	Individual	Support	No

Comments:

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Leslie Wingate	Individual	Support	No

Comments: I strongly support SB375! Hemp has so many wonderful uses including being a very nutritious food! Hemp seeds are an important part of a healthy diet. 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp! Respectfully

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Lisa Galloway, PhD	Individual	Support	No

Comments:

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Lorraine Barrie	Individual	Support	No

Comments: I wholeheartedly support the production of industrial hemp. It is one of the most useful, nutritious, economical and sustainable of agricultural crops.

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
lucienne de naie	Individual	Support	No

Comments: Please let this useful crop be part of Hawaiian's ag industry. Hemp seeds are nutritious and delicious and the fibre is very useful as well. Mahalo Lucienne de Naie Huel, Maui

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SB375

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Submitted By	Organization	Testifier Position	Present at Hearing
Marjorie Bonar	Individual	Support	No

Comments: Here is an answer for our changing agricultural requirements. On Maui, where cane is becoming unsustainable, hemp products create value and suppress pressure for more housing on fallow lands.

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SB375

Submitted on: 2/25/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Malian Lahey	Individual	Support	No

Comments: I strongly support this bill and have enormous respect for the senators who introduced it. Please pass SB375

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Submitted on: 2/25/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Marcy Koltun-Crilley	Individual	Support	No

Comments: It is pretty crazy we even have to have a law to allow this. Strongly Support!
Mahalo Marcy Crilley Kihei, HI 96753

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SB375

Submitted on: 2/25/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
marcy montgomery	Individual	Support	No

Comments: Hemp is a great green economy builder. Did you know hemp seed is a major source of protein and can change diabetic health positively? It is also a great fiber for clothing, rope and paper. I have to rely on IMPORTED hemp seed for protein and that benefits Canada, not Hawaii, where it could be grown commercially and for home food source. PLEASE support legislation to encourage commercial and home grown non-psychoactive hemp. Help us build our green economy AND improve our health.

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SB375

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Submitted By	Organization	Testifier Position	Present at Hearing
Marion McHenry	Individual	Support	No

Comments: 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! I support SB375

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Mark Ryan	Individual	Comments Only	No

Comments: Dear Venerated Members of the WAM Committee As a student at UH Manoa and a voter in Hawaii, I strongly support SB375. 21 US states have already passed industrial hemp legislation, and for good reason. Hemp is a hearty crop with many uses; there are over 25,000 products that can be made from industrial hemp and hemp products: everything from clothes to paper, essential oils and even food can be made from hemp (hemp seeds are tasty and highly nutritious). It's very unfortunate that all of these products are outlandishly expensive due to a lack of market saturation. Hawaii is in a unique position in that we can grow hemp year round, giving us the opportunity to be leaders in the industry, both at the local and national levels. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future and pass SB375. Let Hawaii farmers grow industrial hemp. Respectfully yours Mark Ryan

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SB375

Submitted on: 2/24/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Mark Shaw	Individual	Support	No

Comments: I strongly support SB375 . 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours
Mark A Shaw

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SB375

Submitted on: 2/24/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Mark Sheehan	Individual	Support	No

Comments: This is a critical first step in moving our state towards supporting local agriculture. Last year the DOE imported 5 million pounds of apples and 5 million pounds of oranges. Apples have way too many pesticides in them. We can work with local farmers to provide fresh island food for our keiki.

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Submitted on: 2/24/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Martha Lind	Individual	Support	No

Comments: Please support this bill to allow the growing of industrial hemp in HI. Hemp is such a versatile crop and would greatly improve both agriculture and the economy in HI. Mahalo!

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Submitted By	Organization	Testifier Position	Present at Hearing
Mary Groode	Individual	Comments Only	No

Comments: I strongly support SB375 . 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours

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Submitted By	Organization	Testifier Position	Present at Hearing
Mary Lacques	Individual	Support	No

Comments:

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Submitted By	Organization	Testifier Position	Present at Hearing
Maryetta Sciuto	Individual	Support	No

Comments:

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Submitted By	Organization	Testifier Position	Present at Hearing
Matthew Gurewitsch	Individual	Support	No

Comments: I strongly support SB375. Here on Maui, industrial hemp will offer farmers a much needed alternate crop to sugar. The problem with sugar is the necessity for burning the cane before harvesting--a practice which generates frequent clouds of smoke and ash. These are a nuisance and also a health hazard for large areas of the island. Relief has long been sought, but no solution has yet been found. Industrial hemp provides a solution. Also, it requires little water--a boon to our island, where water is among the most precious of resources. 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours, Matthew Gurewitsch

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Submitted By	Organization	Testifier Position	Present at Hearing
Matthew Swalinkavich	Individual	Support	No

Comments:

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Submitted By	Organization	Testifier Position	Present at Hearing
Megan Fox	Individual	Support	No

Comments: Industrial hemp could be a great new crop for Hawaii and help us to localize some of our own fiber products.

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

Comments: I strongly support SB375 . 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours
Michael Dawson Kula, Maui

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Submitted on: 2/24/2015

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

Comments: I support SB 375 Industrial Hemp Legislation Growing of industrial hemp in all Hawaii farming regions will give the opportunity to grow this versatile crop to develop seed and strains that will boost our Hawaiian economy. I want to make it clear that the properties of Industrial Hemp is totally different from pot plants and has remarkable manufacturing uses that could have profound benefits for Hawaii's sustainability. Respectfully, Michael Reed Gach, Ph.D. Kihei, Maui Resident

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Submitted By	Organization	Testifier Position	Present at Hearing
Michele David	Individual	Support	No

Comments: Dear Hawaii's Legislators, As a graduate student at Hawaii Pacific University studying sustainable development, I urge you to please support the passing of this important bill. It will help Hawaii realize its goals outlined in the 2050 sustainability plan. I believe this bill can help Hawaii to become a leader in organic hemp production to replace many of the products we use in our daily lives, which are currently made from toxic petrochemicals. Mahalo, Michele David

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Submitted By	Organization	Testifier Position	Present at Hearing
Natalie Brown	Individual	Support	No

Comments: I fully support the Industrial Hemp Bill. It is an amazing plant that has a horrible reputation. It is a wonderful resource that can make food, clothes, paper, building supplies, plastics, fuel and is wonderful at cleaning up chemical residue in soil. Now more than ever, we need to utilize the benefits of plants like this. Please vote yes on SB375.

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Submitted By	Organization	Testifier Position	Present at Hearing
Neil Vonhof	Individual	Support	No

Comments:

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Submitted on: 2/24/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
NIKHILANANDA	Individual	Support	No

Comments: ALOHA: I strongly support SB375 . 21 States in the United States have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Mahalo and Aloha

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Submitted By	Organization	Testifier Position	Present at Hearing
Noreen Dougherty	Individual	Comments Only	No

Comments: I strongly support the development of industrial hemp in the State of Hawaii

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Submitted By	Organization	Testifier Position	Present at Hearing
Paul Hugel	Individual	Support	No

Comments: I strongly support SB375 . 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours Paul G. Hugel

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Submitted By	Organization	Testifier Position	Present at Hearing
R. Kinslow	Individual	Support	No

Comments: Strongly support this important bill that will enhance our business and agricultural security. Many products can be made from industrial hemp, a wonder plant. It will grow business and put Hawaii on the global map for manufacturing and agriculture.

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Submitted By	Organization	Testifier Position	Present at Hearing
Raphiell Nolin	Individual	Support	No

Comments: I support research and funding for growing Industrial hemp here in Hawaii. I eat hemp seed every day that is grown in and imported from Canada. It is one of the most nutritious foods there is, high in protein and omega 3 fatty acids. Hemp could be grown with much less water, fertilizer and pesticide input than sugar and can even help remediate soil, worn out from years of chemical farming. Hemp has so many uses, from building materials to textiles, to plastics to fuel. Many industries and jobs could be created around the growing of hemp, that its feasibility as a commercial crop in Hawaii SHOULD BE EXPLORED.

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Submitted By	Organization	Testifier Position	Present at Hearing
Rebecca Sydney	Individual	Support	No

Comments: Thank goodness Maui is taking steps to do some "good" agriculture.....sugar cane and GMOs sustain nothing.

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Submitted on: 2/24/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Robert Petricci	Individual	Support	No

Comments: rm 211 Feb 26, 2015 9:00 AM WAM Re: SB375 Robert Petricci: representing myself Position: strong support Aloha Sen Tokuda, Chair Sen Kouchi, Vice Chair and committee members. This type of legislation is long overdue in Hawaii. Other states are already moving to capture the lucrative markets for hemp products. Hemp is part of a sustainable future for Hawaii and will not only help the farmers but spur many types of cottage industries for local consumption and for export. Imagine Hawaiian Hemp as a brand name. It will sell, and there is no reasonable legitimate reason for a beneficial non psychoactive plant like hemp to be illegal for our farmers to grow. It is no wonder we have to import 90% of what we need. Laws making sustainability through growing and processing hemp illegal demonstrate why we are so dependent on imports. Turn us (Hawaii's farmers) loose and watch what we can do. There is no down side to this, everybody wins here. Please pass SB375 now. Mahalo for your consideration Robert Petricci Small independent organic farmer

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Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
robyn smith	Individual	Support	No

Comments: Aloha, I support SB375 because hemp is historically the worlds most valuable crop and we're at a turning point in time where we can solve many of our biggest problems with this one plant. As our oceans and soils become more contaminated with toxic runoff and petrochemical plastic, we are finding great potential in soil remediation and plant based compostable plastics using hemp. It is most outrageous how we import practically everything, including labor, and have such trouble keeping real wealth here on the islands. With this more environmentally friendly crop growing in our soils, helping farmers no doubt, we will create many more living wage jobs and products to export, keeping wealth here and cleaning up the Aina in the process. Hemp seed can be turned into countless food products, and can be easily stored in great quantities for emergency food security, and the stalks can be turned into compostable alternatives to single use plastics and textiles to be sold around the world. As a Veteran, a member of the farmers union, and an aspiring small business owner who would like to hire over 100 local employees in the next 3 years, help us secure a prosperous future for generations to come by supporting this bill.

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Submitted By	Organization	Testifier Position	Present at Hearing
sallyjane Bodnar	Individual	Support	No

Comments:

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Submitted By	Organization	Testifier Position	Present at Hearing
Sandra Herndon	Individual	Support	No

Comments: It is very profitable for both the land and the farmer to grow Industrial Hemp, since the hemp's natural ability to pull toxins from the soil helps create better growing media for the farmers. The list of products that can be made from Hemp includes food, fuel, cloth, paper and pharmaceutical medicines, not just the Cannabis variety that is usually associated as medical marijuana. The only entities that seem to be opposed to the development of Industrial Hemp are misinformed agencies who're concerned about the possible confusion between the industrial and so called recreational hemp varieties. When appropriately investigated these fears are shown to be groundless. Hawaii would benefit in every aspect from the widespread cultivation of Hemp and the numerous cottage industries that would grow out of it. We need to use our Ag lands for healthy crops, not GMO seed production, which continually pours toxins into our soil, air and waters. Please pass this bill, and allow Hawaii to get clean and financially healthy again.

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Submitted By	Organization	Testifier Position	Present at Hearing
sharon willeford	Individual	Support	No

Comments: Please consider the many uses of hemp, especially for remediating soil. <https://www.youtube.com/watch?v=ZPlc1noQUmA#t=144>

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Submitted By	Organization	Testifier Position	Present at Hearing
Sherry Pollack	Individual	Support	No

Comments: I strongly support SB375 for the Industrialization of Hemp in Hawaii because of its potential positive impacts on agriculture business, construction, and research. This crop will greatly enhance our economy. Twenty-one states have already passed industrial hemp legislation and are economically benefiting from growing this amazing crop. 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. Hemp can safely lead the sustainable agriculture drive in Hawaii. New job sectors and product innovation awaits with passage of this bill. This is a total win:win for all. Please support and pass SB375. Sincerely, Sherry Pollack Ahuimanu

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
stacy vosberg	Individual	Support	No

Comments:

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Stephan Hewitt	Individual	Support	No

Comments: I strongly support SB375 . 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours
Stephan Hewitt

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Stephen Shrader	Individual	Support	No

Comments: Hemp is a great green economy builder. Did you know hemp seed is a major source of protein and can change diabetic health positively? It is also a great fiber for clothing, rope and paper. I have to rely on IMPORTED hemp seed for protein and that benefits Canada, not Hawaii, where it could be grown commercially and for home food source. PLEASE support legislation to encourage commercial and home grown non-psychoactive hemp. Help us build our green economy AND improve our health.

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Steve & Jeannine Moore	Individual	Support	No

Comments: Aloha, We are submitting testimony in support of SB375. Considering that twenty-one US states have already passed industrial hemp legislation, we believe that Hawaii is in a unique position to move forward with production of industrial hemp; and, as there are over 25,000 products that can be made from industrial hemp, it only makes sense that our farmers be given the opportunity to grow not only seed for the rest of the US, but to develop a local industry for other hemp products that will create jobs, reduce import dependency - and most importantly - help to clean our soil from years of toxins! At present, we have only one test site, and that just isn't enough. Please invest in Hawaii's future by passing SB375. Mahalo, Mr. & Mrs. Steven Moore

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Susan Douglas	Individual	Support	No

Comments: I strongly support SB375 . 21 US states have already passed industrial hemp legislation. Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our farmers the opportunity to grow seed for the rest of the US and develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours, Susan Douglas

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Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Sylvia Cenzano	Individual	Support	No

Comments: I completely support this bill and wish for it to pass!!

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Sylvia Partridge	Individual	Support	No

Comments: Growing industrial hemp will bring many benefits and I strongly support this bill.

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SB375

Submitted on: 2/24/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Tracy E Mills	Individual	Support	No

Comments: I continue to strongly support SB375. I've read that 21 US states have already passed industrial hemp legislation. Unlike most of those states, the state of Hawaii is in a unique position to grow industrial hemp year round. There are over 25,000 products that can be made from industrial hemp. Please give our state the opportunity to grow jobs and give our farmers the opportunity to grow seed for the rest of the US. We can develop a local industry for other hemp products that will create jobs, reduce our dependency on import and help to clean our soil from years of toxins! One test site isn't enough. Invest in Hawaii's future pass SB375 and let Hawaii farmers grow industrial hemp. Respectfully yours Tracy Mills

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Submitted By	Organization	Testifier Position	Present at Hearing
Valerie Loh	Individual	Support	No

Comments:

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SB375

Submitted on: 2/25/2015

Testimony for WAM on Feb 26, 2015 09:00AM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
W. Ken Koike	Individual	Support	No

Comments: I am in STRONG SUPPORT of SB375! As a small farmer and nutritional practitioner in Wai'anae, I humbly request for you to support your farmers throughout Hawaii by permitting us to cultivate Industrial Hemp once again. Please allow Industrial Hemp to be one avenue in revitalizing and restoring our agricultural productivity on the westside of Oahu! Industrial Hemp has the ability to grow without much rainfall, which is ideal for us! Industrial Hemp grows like a weed! Without much effort or care! And is extremely hardy! Industrial Hemp fixes nitrogen in the soil naturally as it grows, reducing the need to purchase and supplement with artificial fertilizers lowering our costs and increasing our profitability! Industrial Hemp lowers the threshold for new farmers to join us in cultivating food for our people on Oahu! And encourages our recent graduates as well as those released from prison to consider the reduced costs and profit potential of farming this commodity as an effective income generator. Industrial Hemp will bring new jobs and create new income from subsequent industries that evolve from it to the area with the highest unemployment rate on Oahu! Industrial Hemp will lower the financial burden on the State & County welfare system, healthcare system and public safety (prison) system as economic revitalization of our agricultural sector occurs on the Wai'anae Coast. We will be able to take care of our own once again as we traditionally have always done. Industrial Hemp will decontaminate our soils from heavy metals and poisonous industrial chemicals, pesticides, herbicides, fungicides, insecticides and military munitions/contaminated waste products that are consistently brought into our community (i.e. Live Fire Training, Hawaii Kai sludge, etc.) by drawing them up into their stalks and leaves through their root systems changing most into inert, non-toxic forms. Industrial Hemp is essential in assisting us clean up the environmental damage and degradation of Makua Valley and the contaminated areas of Wai'anae Uka: Schofield Barracks and Wheeler Army Airfield in a low cost and economical yet very simple and effective manner of soil decontamination and bioremediation! Industrial Hemp has an extremely low amount of the psychotropic chemical: THC (tetrahydrocannabinol). Unlike it's cousin, marijuana, it cannot get you 'high.' Estimates of smoking a telephone pole worth of Industrial Hemp to get the same amount of THC in a marijuana cigarette is an analogy commonly used. (And nobody can smoke a telephone pole's worth of anything without becoming sick in the process!) Industrial Hemp has reportedly over 10,000 uses as a textile. Giving us in Wai'anae the multitude of business opportunities and job opportunities we are familiar with in the countryside. Thank you Rep. Thielen for her tireless efforts in bringing this to light and educating the public of these wonderful products, opportunities and solutions! Industrial Hemp offers a cheaper and more durable building material for our community on the Wai'anae Coast. From use as thatch and cordage on traditional Hawaiian hale and architecture to advanced modern

composite building materials that can be manufactured from the raw materials, such as Hempcrete or insulation, we could lower the cost of building to address the crisis of homelessness and affordable housing on Oahu concentrated in Wai'anae. Industrial Hemp is used to make cordage for the U.S. Navy and Navies around the world. It would be a financial boost for the westside to be able to enter that market and compete in supplying our own defense and returning our hard-earned tax dollars to our state! Industrial Hemp is grown to supply biofuel as both a biodiesel from its seed oil and as an ethanol from its green waste. Allowing us in Wai'anae two more ways to lower our costs for fuel, cooking, heat and energy. Industrial Hemp can lower the air pollution that affects the Wai'anae Coast because of HECO's Kahe power station due to the burning of petrochemical fossil fuels by switching to biofuel made from Industrial Hemp's seed oil and green waste. Industrial Hemp is grown as a food source for both it's high grade, plant-based protein and seed oil with its Omega-3 rich essential fatty acids for human health. This will result in a reduction of costs to the welfare medical insurance burden on the state's finances as well as create more jobs in this sector. Industrial Hemp can provide the essential fatty acids at an affordable cost to alleviate this nutrient deficiency affecting the Wai'anae Coast's chronic and systemic disease epidemic (the highest in the state) is infamous for. Hemp seeds are also rich sources of magnesium, zinc, iron, dietary fiber and protein. Industrial Hemp is able to feed the population of Oahu the required protein component in the case of an emergency. Together with traditional cultivation of taro, sweet potato and local fruits and vegetables can provide a safety net of optimal nutrition and food security in the event of a natural disaster or terrorist attack affecting our food supply. Oahu/Honolulu County, more than any other island/county has the greatest challenge to feed and sustain its population nutritionally with approximately a million mouths to feed daily. Industrial Hemp is also grown as a feed source for both is high grade, plant-based protein and seed oil with its Omega-3 rich essential fatty acids for animal feed stock for the cattle, dairy, goat, sheep, rabbit, pig, chicken broiler and egg industries! This will result in a reduction of costs to the production of livestock, additional profits and investment in supplying our people with enough food to keep local dollars in local businesses creating more jobs in this sector and additional tax revenue for our state and city governments. With the change of sentiment toward legalization of medical marijuana throughout the continental United States, please consider deregulating and legalizing it's less controversial cousin: Industrial Hemp. It has all of the medical benefits in addition to its textile, construction and energy benefits without the social controversy to support its use! With all of these upside benefits from deregulating this one crop, I hope we can agree that the 'Win-Win' economics of Industrial Hemp is right for the people of Wai'anae, is critical for the self-sufficiency and food security of the people of Oahu, and is a blessing for the people of Hawai'i nei!

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SB375

Submitted on: 2/24/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
William Harris, M.D.	Individual	Support	No

Comments:

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