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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 HOUSE COMMITTEE ON JUDICIARY

March 22, 2016
2:00 P.M.
CONFERENCE ROOM 325

**SENATE BILL NO. 2659 SD2
RELATING TO INDUSTRIAL HEMP**

Chairperson Rhoads and Members of the Committee:

Thank you for the opportunity to testify on Senate Bill No. 2659 SD 2. This bill establishes an industrial hemp pilot project to allow the cultivation of industrial hemp and distribution of its seed in Hawaii through limited activities by the Board of Agriculture in compliance with the 2014 Farm Bill. There is an appropriation. The Department of Agriculture supports the intent of this measure provided that it does not impact the priorities submitted in the Department's executive budget.

The pilot program established within the Department will acquire seed after we register with the federal Department of Justice, Drug Enforcement Administration. Once that is accomplished, we will establish an agency relationship with licensees throughout the State who will operate as extensions of the Department for the purposes of research on the growth, cultivation, and marketing of industrial hemp. The Department is to inform licensees of laws and regulation applicable to the production of industrial hemp, answer licensees' questions regarding the pilot program, provide seed to licensees, and catalog the data received from licensees, other pilot program participants, and education institutions for improved methods in growing, cultivating, and marketing industrial hemp.



This measure specifies the process for applying and maintaining industrial hemp licenses which are valid for two years. Also specified is the process for reporting on the sale of the industrial hemp to a processor. If there is no sale upon harvesting, the intended disposition of the industrial hemp is to be report to the Department.

This measure also specifies the voluminous responsibilities of the industrial hemp licensees which will be overseen by the Department, specifies inspection fees for testing delta-9 tetrahydrocannabinol in the crop, specifies acts of licensees that constitute violations and provides for civil penalties, and licensees required to report profits and the Department shall not share in it.

The Department is required to adopt rules governing industrial hemp production no later than July 1, 2017, including rules establishing reasonable fees for licenses, permits or other necessary expenses to defray the cost of implementing and operating the industrial hemp pilot program. The Department will make every effort to have the rules adopted by then.

The Department of Agriculture notes that this measure with its pilot program provides far more detail to moving industrial hemp forward than that proposed in Senate Bill No. 2787, Senate Draft 2 which provides what appears to be similar responsibilities but minimal guidance to the Department of Agriculture.

Thank you for the opportunity to submit our testimony.



House Committee on Judiciary

Hawai'i Center for Food Safety Supports: SB2659 SD2 Relating to Industrial Hemp

Dear Chair Rhoads, Vice Chair San 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 SB2659 SD2, which establishes an industrial hemp pilot program to allow the cultivation of industrial hemp and distribution of its seed in Hawai'i through limited activities by the board of agriculture for purposes of agricultural or academic research, as well as, appropriates funds for department of agriculture staff to assist in registration of industrial hemp licensees.

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 legalizing hemp is not legalizing marijuana. In fact, over twenty countries 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 cause an immediate spike in 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 would 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 food and products, and the birth of a local industrial hemp industry would improve local 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 if industrial organic hemp would be effective in our climate.

As of 2014, industrial hemp research on remediation and biofuel crop research was legalized for The University of Hawaii College of Tropical Agriculture and Human Resources. SB2659 SD2 will allow development of industrial hemp as an agricultural product through regulations by the Department 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,

A handwritten signature in black ink, appearing to read 'Ashley Lukens', with a stylized, cursive script.

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

From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 8:32 AM
To: JUDtestimony
Cc: brian@hfbf.org
Subject: *Submitted testimony for SB2659 on Mar 22, 2016 14:00PM*

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Randy Cabral	Hawaii Farm Bureau	Support	Yes

Comments:

Please note that testimony submitted less than 24 hours prior to the hearing, 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.

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 7:20 AM
To: JUDtestimony
Cc: info@maucauses.org
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
sam small	Maui Causes, a community-funded media initiative	Support	No

Comments: I find it absurd and insulting that testimony on Hemp research from A&B would be emphasized by Chairman Tsuji in his referral of this bill. With all due respect to the institution, Hawaii's Government has long been measured as one of the most corrupt in America. Who is the face of that corruption? They are sitting in the room right now, look around! A&B is not a farming operation and knows nothing about Hemp or any other crop research. After years of ignoring it, in Hemp they now see profit potential and they want to own it for their shareholders exclusively, to the detriment of the real farmers and people of Hawaii. A&B's subsidiary HC&S also knows little about any real agriculture as they have only ever been engaged in sugar "production", which isn't really farming is it? HC&S is run by diesel mechanics not farmers. Anyone who understands agriculture understands that Hawaii has an extremely wide range of climates and that there are a great number of varieties of Hemp. A great part of the research to be done is to determine which climate is best for each variety of hemp so that we can maximize the many benefits of this important crop. To suggest that research should only be conducted at one site is ignorant at best. At worst A&B's testimony and Chairman Tsuji's support of that testimony signals an attempt to create an unfair monopoly in Hemp production and they should all be called out for it. In fact, I will go so far as to call for Cliff Tsuji resignation as Chair of the Ag Committee. He has repeatedly abused his position to favor corporate interests that do not serve the larger agricultural community or the people of Hawaii. Tsuji represents institutional corruption at it's worst. A&B also testified about making accommodations for a potential increase in THC levels above the Federal limit of 0.3% as a result of growing Hemp in Hawaii's tropical climate. That Federal limit, though written in law, was arbitrarily chosen and has no functional basis in reality. Across the board, every variety of Hemp has so little of THC in it that one would need to smoke a joint the size of a telephone pole to get high. Though in the same Cannabis family, Hemp is quite different from Marijuana. It's just like the poppy seeds in your morning muffin are in the same plant family yet different from the poppies grown to make heroin. Hemp production offers tremendous opportunities for both farmers and the makers of consumer products here in Hawaii and research into how best to grow it here

should be pursued as openly, as widely and as vigorously as possible. A&B and Cliff Tsuji can go to Hell. Respectfully submitted, Sam Small, Director, Maui Causes

Please note that testimony submitted less than 24 hours prior to the hearing, 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.

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

March 19, 2016

HFUU Board of
Directors

Support for SB 2659 SD2 With a substantive amendment suggested

Vincent Mina
President
HFUU

Aloha Chair Rhodes, Vice Chair San Buenaventura and Honorable Committee,

Hawaii Farmers Union United is in support of SB 2659SD2 with an amendment.

Ray Maki
Vice-President
HFUU

We respectfully request that you amend this legislation to allow for multiple applicants from around the state apply for grow permits for research purposes with regulatory oversight from the HDOA, and law enforcement, much like the state of Vermont does.

Anny Bruch
Secretary
HFUU

The Acronym we use for HEMP is Hawaii Environmental Money Producer.

Karen Reid
Treasurer
HFUU

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.

Kyle Studer
East Hawai'i

The cultivation of industrial hemp in different areas (Which is currently **NOT** the intent of this bill, but we ask you amend the bill to allow multiple research sites) 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.

Nate Hayward
Kohala

Steve Sakala
Kona

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.

Greg Smith
Ka'u

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

Simon Russell
Haleakala

Mahalo,
HAWAII FARMERS UNION UNITED

James Simpliciano
Mauna Kahalawai

Vincent Mina, President

Mikala Minn
Hana

Pamela Boyar
Oahu

The Hawaii Farmers Union United and its Chapters is a nonprofit corporation formed under Hawaii 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 Hawaii through cooperation, education

**SB 2659 SD2
RELATING TO INDUSTRIAL HEMP**

**PAUL T. OSHIRO
MANAGER – GOVERNMENT RELATIONS
ALEXANDER & BALDWIN, INC.**

MARCH 22, 2016

Chair Rhoads and Members of the House Committee on Judiciary:

I am Paul Oshiro, testifying on behalf of Alexander & Baldwin (A&B) on SB 2659 SD2, “A BILL FOR AN ACT RELATING TO INDUSTRIAL HEMP.”

The purpose of this bill is to establish an industrial hemp pilot program to allow the cultivation of industrial hemp and distribution of its seed in Hawaii.

We understand that industrial hemp is one of the more versatile and useful fiber plants that can be utilized in the manufacturing of several different construction and building related products. With the fiber of industrial hemp used to make carpeting and upholstery, its woody stalk can be manufactured into various construction materials such as lumber, fiberglass, and plastics. In addition, industrial hemp seeds have been utilized to make other industrial products such as paints and varnishes. We understand that the production of industrial hemp in Hawaii may provide a stimulus for the local production of various building and construction materials, should it prove to be viable.

A&B has been in discussions with both the State Department of Agriculture and the University of Hawaii College of Tropical Agriculture & Human Resources regarding A&B’s potential participation in an industrial hemp pilot research project on Maui. As a

publicly traded company, A&B has long held as a priority strict compliance with all applicable laws and regulations. We understand that like marijuana, industrial hemp is included as a Schedule 1 item in the Federal Controlled Substances Act. We also understand, however, that the 2014 U.S. Farm Bill allows institutions of higher education and State departments of agriculture to grow or cultivate industrial hemp for research purposes. A&B is presently in the process of evaluating the legal issues at the Federal level of A&B's potential participation in an industrial hemp pilot research project.

It is our understanding that growing industrial hemp in a tropical climate like Hawaii may lead to THC levels above 0.3%. Thus, we respectfully request your consideration to incorporate into this bill appropriate amendments to allow for an increase in the acceptable level of THC in industrial hemp, as may be permitted by the Drug Enforcement Administration or the Board of Agriculture.

We have attached language for the above mentioned amendments along with other technical amendments for your consideration and use.

Thank you for the opportunity to testify.

SB 2659 HD1 (Proposed)

SECTION 1. The legislature finds that mankind has cultivated hemp as a source of food and fiber for thousands of years. Modern production methods have utilized hemp's oilseed to make high-grade food and beauty products. The stalks produce fiber and cellulose for everything from automotive parts and fine clothing to building materials and fuel.

The legislature further finds that according to estimates by the Hemp Industries Association, retail sales of industrial hemp products in the United States have grown steadily since 1990 to more than \$620,000,000 annually in 2014. California manufacturers of hemp products currently import tens of thousands of acres' worth of hemp seed, oil, and fiber products from around the world that could be produced by American farmers at a more competitive price. Additionally, the intermediate

processing of hemp seed, oil, food ingredients, and fiber could create jobs in close proximity to the fields of cultivation.

The legislature further finds that support for industrial hemp farming is occurring at the national level. California, Colorado, Delaware, Hawaii, Illinois, Indiana, Kentucky, Maine, Montana, Nebraska, North Dakota, Oregon, South Carolina, Tennessee, Utah, Vermont, Washington, and West Virginia have defined industrial hemp as a distinct agricultural crop and removed barriers to its production. Furthermore, President Obama signed the 2014 Farm Bill into law, which authorizes industrial hemp research and pilot programs in states that regulate hemp farming under the authority of the state department of agriculture. This relaxation of the federal government's prohibition signals that hemp is poised to once again become a lucrative industrial crop in the United States.

The purpose of this Act is to establish an industrial hemp pilot program to allow the cultivation of industrial hemp and distribution of its seed in Hawaii through limited activities by the board of agriculture through a pilot program for purposes of agricultural or academic research.

SECTION 2. Chapter 141, Hawaii Revised Statutes, is amended by adding a new part to be appropriately designated and to read as follows:

"PART . INDUSTRIAL HEMP PILOT PROGRAM

§141-A Definitions. As used in this part:

"Applicant" means a person that is an individual residing in Hawaii or an institution of higher education, a sole proprietorship, partnership, association, corporation, limited-liability ~~corporation~~ **company**, limited partnership, or any other business entity having any:

- (1) Place of business permanently located within the State;
- (2) Employees permanently assigned to work stations or areas located within the State; or
- (3) Tangible assets permanently located within the State.

"Board" means the board of agriculture.

"Chairperson" means the chairperson of the board of agriculture.

"Industrial hemp" means the plant *Cannabis sativa* L. and any part of that plant, whether growing or not, with a delta-9 tetrahydrocannabinol concentration of not more than 0.3 per cent on a dry weight basis **or higher limit that is permitted by the drug enforcement administration or the board**, that is cultivated.

"Seed cultivar" means a variety of industrial hemp.

"Variety" means a group of individual plants that exhibit the same observable physical characteristics or have the same genetic composition.

§141-B Industrial hemp pilot program; established. (a)

There is established within the department of agriculture an industrial hemp pilot program to allow the cultivation of industrial hemp and distribution of its seed in Hawaii through a pilot program for purposes of agricultural or academic research.

(b) In order to acquire industrial hemp seed for the pilot program, the department of agriculture shall register with the United States Department of Justice, Drug Enforcement Administration, as an importer of controlled substances.

(c) The pilot program shall establish an agency relationship with licensees, who operate as extensions of the board for the purposes of research on the growth, cultivation, and marketing of industrial hemp.

(d) The board shall make a reasonable effort to:

- (1) Inform licensees of the laws and regulations applicable to the production of industrial hemp;
- (2) Act as a resource for licensees on regulatory questions regarding the industrial hemp pilot program; provided that the board shall not provide licensees with legal advice;
- (3) Provide licensees with industrial hemp seed, upon licensees' request and at licensees' expense, in a quantity and variety determined at the discretion of the board; and
- (4) Catalog data received, in cooperation with the licensee, other program participants, and institutions of higher education in the State, for improved methods and techniques in growing, cultivating, and marketing industrial hemp.

§141-C Licensing. (a) Each applicant for an industrial hemp license shall submit a signed, complete, accurate, and legible application form provided by the board between January 1 and April 1 of the year in which the applicant plans to grow industrial hemp, which shall include the following:

- (1) The applicant's name, mailing address, and phone number in Hawaii and, if applicable, electronic mail address;
- (2) If the applicant is an individual or partnership, the date of birth of the individual or partners;
- (3) If the applicant is any business entity other than an individual, partnership, or institution of higher learning, documentation that the entity is authorized to do business in Hawaii;
- (4) The cultivated variety that will be sown;

- (5) The source and amount of certified seed to be used;
- (6) The number of acres to be cultivated for seed, viable grain, industrial products, or any combination thereof;
- (7) The global positioning system coordinates in decimal degrees from the central most point of the growing area to be cultivated and a map showing the location of the growing area in terms of its address or legal description;
- (8) A statement that the applicant is the owner of the growing area to be used for the cultivation or a statement, signed by the owner of the growing area, indicating that the owner has consented to that use;
- (9) The address of the place in Hawaii where the applicant will keep the records, books, electronic data, or other documents that are required by this part;
- (10) The name and address of each place where the industrial hemp is to be stored, sold, or provided, indicating for each place the form of the industrial hemp; and
- (11) The applicant's acknowledgment and agreement to the following terms and conditions:
 - (A) Any information obtained by the board may be publicly disclosed and provided to law enforcement agencies without further notice to the applicant or licensee;
 - (B) The licensee agrees to allow any inspection and sampling that the board deems necessary;
 - (C) The licensee agrees to pay for any sampling and analysis costs that the board deems necessary;
 - (D) The licensee agrees to submit all required reports by the applicable due dates specified by the board; and
 - (E) The applicant and any partner, directors, or members have not been convicted of any felony related to the possession, production, sale, or distribution of a controlled substance in any form in this or any other country.

(b) An application may be received beginning on January 1 of each year and shall be signed by the applicant or, in the case of a corporation, cooperative, ~~[or]~~ partnership, **or other business entity**, one of its officers, directors, or partners, as the case may be, and indicate that all information and documents submitted in support of the application are correct and complete to the best of the applicant's knowledge.

(c) Any incomplete application for a license, or an application received after April 1 of any year, shall be denied.

(d) In addition to the application form, each applicant for a license shall submit a fee set by the chairperson. If the fee does not accompany the application, the application for a license will be deemed incomplete.

(e) The annual license fee for production of industrial hemp shall be \$250 plus \$2 per acre. Moneys collected from license fees shall be used to cover the costs of implementing, administering, and enforcing this part.

(f) All licenses shall be valid for two years from the date of issuance, after which the licensee shall renew the license and pay the renewal fee, to be established by rules of the board.

(g) Any licensee who wishes to alter the growing areas on which the licensee will conduct industrial hemp cultivation shall, before altering the area, submit to the board an updated address, global positioning system location, and map specifying the proposed alteration. If the chairperson receives and approves the updated information, the chairperson shall notify the licensee in writing that the licensee may cultivate industrial hemp on the altered land area.

(h) A licensee that wishes to change the seed cultivar grown shall submit to the chairperson the name of the new, approved seed cultivar to be grown. If the chairperson receives and approves the change to the registration, the chairperson shall notify the licensee that the licensee may cultivate the new, approved seed cultivar.

(i) If the chairperson determines that the requirements for a license pursuant to this part are satisfied, the chairperson shall issue a license to the applicant.

§141-D Reports; profits. (a) At least seven days prior to harvest, each industrial hemp licensee shall file a report with the board that includes documentation that the licensee has entered into a purchase agreement with an industrial hemp processor. If the licensee has not entered into such an agreement, the licensee shall include a statement of intended disposition of its industrial hemp crop.

(b) Licensees shall report any subsequent changes to the purchase agreement or disposition statement to the board within ten days of the change.

(c) Two business days prior to the movement of the industrial hemp grain or plant material from the permitted location, the licensee shall submit to the board an application for movement permit. The application shall include the mode and location to which the product is to be transported. An inspection of the product may occur prior to movement.

§141-E Approved seed cultivars. (a) Except when grown by a licensee developing a new Hawaii seed cultivar pursuant to

section 141-J, industrial hemp shall be grown only if it is on the list of approved seed cultivars. The board may from time to time add or remove any seed cultivar from the list if the cultivar is found to be non-compliant with this part.

(b) The list of approved seed cultivars shall include the following:

- (1) Industrial hemp seed cultivars that have been certified by the Organisation for Economic Co-operation and Development; and
- (2) Hawaii varieties of industrial hemp seed cultivars that have been certified by the board.

§141-F Growing of industrial hemp; licensee responsibilities. The licensee shall:

- (1) Assume a limited agency relationship with the board for the sole purpose of research of industrial hemp and its growth, cultivation, and marketability. The licensee shall conduct all agricultural operations in a lawful manner consistent with the standards befitting of an official of the State; provided that such standards are subject to the sole discretion and direction of the board;
- (2) Abide by applicable laws and regulations incident to the growth, cultivation, or marketing of industrial hemp;
- (3) Acknowledge that any action, intended or incidental, that is contrary to such laws and regulations, known or unknown, falls outside the agency relationship of the licensee with the board and the licensee's participation in the industrial hemp pilot program; provided that this paragraph applies to all actions incident to the licensed production of industrial hemp, including but not limited to any sale or disposition of the resulting plants, plant materials, or seeds for which the licensee may otherwise receive some benefit or consideration;
- (4) Indemnify, hold harmless, and release forever the State and its departments, agencies, officers, employees, and agents of any kind from all liability claims arising out of the licensee's actions involving the growth or production of industrial hemp;
- (5) Warrant that the licensee is not an employee of the State and shall assume total and sole responsibility for any of the licensee's acts or omissions involving the growth or production of industrial hemp or arising out of the licensee's participation in the industrial hemp pilot program;

- (6) Allow any institution of higher education in the State to access those sites registered by the licensee with the board for production of industrial hemp; provided that such access shall be allowed upon notice from the board to the licensee and shall extend for all purposes determined at the discretion of the board related to research of industrial hemp and its growth, cultivation, and marketing;
- (7) Upon request, allow federal, state, or local authorities to inspect and sample the industrial hemp growing area, plants, plant materials, seeds, equipment, or facilities incident to the growth, cultivation, or marketing of industrial hemp;
- (8) Remit to the board all license fees and other expenses of the pilot program, including but not limited to all fees related to sampling and analysis of hemp plants and plant materials and destruction of resulting hemp crops found by the board to be non-compliant with applicable laws and regulations;
- (9) Agree that with respect to the licensee's production of industrial hemp, the board's role is to fulfill regulatory oversight of the production and, where possible, to facilitate receipt of viable seed; provided that the licensee understands and agrees that the licensee shall not receive compensation or wages from the board and the board shall not offer financial resources, tangible products, or commercial labor in support of the licensee's industrial hemp crop;
- (10) Adhere narrowly to the research focus for which the licensee is participating in the industrial hemp pilot program, if applicable, to include one or more of the following:
 - (A) Planting and growing -- tracking vital statistics and yield rates with respect to industrial hemp varieties and growing variables, including seed planting rate, soil composition, water usage, and planting and growing season;
 - (B) Pest -- tracking the occurrence of pests and effectiveness of various preventative measures in correlation with industrial hemp varieties;
 - (C) Cost centers and financing -- tracking average cost estimates of producing industrial hemp varieties, taking into account costs of participation in the industrial hemp pilot program, product acquisition, water usage, equipment, labor, and security measures and

- reporting financial resources available for production of industrial hemp; or
- (D) Marketing and industry development -- reporting market demand for industrial hemp varieties' raw materials and end products, including identification of actual or potential hemp products, processors, product manufacturers, wholesalers, retailers, and targeted consumers;
- (11) Complete and submit all reports and statements requested by the board relative to the licensee's production of industrial hemp; provided that a failure to submit any required or requested report may result in revocation of the licensee's industrial hemp license;
- (12) Understand and agree that any industrial hemp grown in Hawaii without an active industrial hemp license issued by the board falls outside the licensee's limited agency with the board, is considered to be marijuana under state law, and constitutes impermissible growth of industrial hemp under federal law; provided that the licensee shall understand that such action will be prosecuted in accordance with all applicable laws;
- (13) At the discretion of the board, destroy or dispose of any industrial hemp crop, plant, plant material, or seed determined by the board or law enforcement to be non-compliant with applicable laws or regulations;
- (14) Use best management practices for growth and production of industrial hemp, as available, and take reasonable precaution to prevent unauthorized growth or distribution of industrial hemp, including but not limited to:
- (A) Keeping records of all persons with access to the growing area or hemp plants, plant materials, or seeds;
- (B) Using case hardened locks and chains to limit access to storage areas where hemp plants, plant materials, or seeds are kept;
- (C) Marking equipment and plants, if possible, with owner applied numbers;
- (D) Blocking private access roads to the growing area with gates or barricades and posting "No Trespassing" signs on gates, barricades, and other landmarks near the growing area and facilities;
- (E) Installing reasonable security measures to prevent theft and posting signs indicating that cameras

are used to record activity on the growing area property;

- (F) Inspecting and recording regularly the condition of the growing area, facilities, and equipment used in the production of industrial hemp;
 - (G) Conducting regular inventory counts of hemp plants, plant materials, and seeds in order to recognize more quickly if a theft has occurred;
 - (H) Contacting local law enforcement to help identify additional security measures and encourage patrols near the growing area;
 - (I) Reporting to local law enforcement any suspicious activity and the presence of strangers near the growing area or facility;
 - (J) Reporting stolen, lost, or missing hemp plants, plant materials, or seeds to the board and law enforcement authorities as soon as the items are noticed to be missing; and
 - (K) Reducing the likelihood of cross pollination between varieties of industrial hemp and among other plants by:
 - (i) Separating any growing area from other self-pollinating plants by more than ten feet;
 - (ii) Separating any growing area from other wind and insect pollinating plants by more than three hundred feet; and
 - (iii) Employing a physical barrier such as a hoop house or row cover to isolate industrial hemp from other plants; and
- (15) Comply with any direction of the chairperson with respect to the growth, cultivation, or marketing of industrial hemp not otherwise contemplated in this section.

§141-G Inspections; fees. (a) All licensees are subject to sampling of their industrial hemp crop to verify that the delta-9 tetrahydrocannabinol concentration does not exceed 0.3 per cent on a dry weight basis **or higher limit that is permitted by the drug enforcement administration or the board.**

(b) During the inspection, the licensee or authorized representative shall be present at the growing area. The licensee or authorized representative shall provide the board's inspector with complete and unrestricted access to all industrial hemp plants and seeds whether growing or harvested; all land, buildings, and other structures used for the cultivation and storage of industrial hemp; and all documents and records pertaining to the licensee's industrial hemp business.

(c) Sampling of industrial hemp plants shall occur in the following manner:

- (1) Samples of each variety of industrial hemp may be sampled from the growing areas at the board's discretion;
- (2) Quantitative laboratory determination of the delta-9 tetrahydrocannabinol concentration on a dry weight basis shall be performed according to protocols approved by the chairperson;
- (3) A sample test result greater than 0.3 per cent of delta-9 tetrahydrocannabinol concentration that is not covered under section 141-J shall be considered conclusive evidence that at least one cannabis plant or part of a plant in the growing area contains a delta-9 tetrahydrocannabinol concentration over the limit allowed for industrial hemp and that the licensee of that growing area is therefore not in compliance with this part. Upon receipt of such a test result, the chairperson may summarily suspend and revoke the license of an industrial hemp licensee. The chairperson shall furnish to the licensee a portion of the violative sample if the licensee requests it within thirty days of notification; and
- (4) Test results from an institution of higher education may, at the chairperson's discretion, be accepted in lieu of board sampling.

(d) Licensees shall pay a charge of \$35 per hour per inspector for actual drive time, mileage, inspection, and sampling time.

(e) Licensees shall reimburse the board for all laboratory analysis costs incurred.

§141-H Violations. In addition to any other violations of this part, the following acts and omissions by any licensee or authorized representative thereof constitute violations for which civil penalties up to \$500 and disciplinary sanctions, including revocation of a license, may be imposed by the chairperson:

- (1) Refusal or failure by a licensee or authorized representative to fully cooperate and assist the board with the inspection process;
- (2) Failure to provide any information required or requested by the board for purposes pursuant to this part;
- (3) Providing false, misleading, or incorrect information pertaining to the licensee's cultivation of industrial hemp to the chairperson by any means, including but not limited to information provided in any application

form, report, record, or inspection required or maintained pursuant to this part;

- (4) Growing industrial hemp that is not covered under section 141-J that when tested is shown to have a delta-9 tetrahydrocannabinol concentration greater than 0.3 per cent on a dry weight basis;
- (5) Failure to pay fees assessed by the chairperson for inspection or laboratory analysis costs; or
- (6) Possessing, outside of a field of lawful cultivation, resin, flowering tops, or leaves that have been removed from the hemp plant; provided that the presence of a de minimis amount, or insignificant number, of hemp leaves or flowering tops in hemp bales that result from the normal and appropriate processing of industrial hemp shall not apply to this paragraph.

§141-I Profits. The board shall forego any income or profit that licensees lawfully obtain through the disposition of the licensees' industrial hemp crop; provided that the licensee reports to the board, as required by this part:

- (1) Any movement of the licensee's industrial hemp plants, plant materials, or seeds outside the licensed growing area;
- (2) Any sale of or benefit received in exchange for the licensee's industrial hemp plants, plant materials, or seeds; and
- (3) Any commercial details of such movement, sale, or exchange for use by the board to research the marketability and logistical production of industrial hemp in the State.

§141-J Content of tetrahydrocannabinol exemption; development. Licensees may cultivate or possess industrial hemp with a laboratory test report that indicates a percentage content of tetrahydrocannabinol that is greater than 0.3 per cent if:

- (1) that cultivation or possession contributes to the development of types of industrial hemp that are not more than a tetrahydrocannabinol limit of 0.3 per cent; or
- (2) a higher limit is permitted by the drug enforcement administration or the board.

§141-K Rulemaking. The board shall adopt rules concerning industrial hemp production no later than July 1, 2017, including rules establishing reasonable fees for licenses, permits, or other necessary expenses to defray the cost of implementing and operating the industrial hemp pilot program in this State on an ongoing basis."

SECTION 3. Chapter 141, Hawaii Revised Statutes, is amended by designating sections 141-1 to 141-11 as part I, entitled "General Provisions".

SECTION 4. Chapter 712, Hawaii Revised Statutes, is amended by adding a new section to part IV to be appropriately designated and to read as follows:

"§712- **Industrial hemp.** The possession, cultivation, sale, receipt, or transfer of industrial hemp as authorized under part _____ of chapter 141 shall not constitute an offense under this part."

SECTION 5. There is appropriated out of the general revenues of the State of Hawaii the sum of \$ _____ or so much thereof as may be necessary for fiscal year 2016-2017 for the establishment of one full-time equivalent (1.00 FTE) position in the department of agriculture to effectuate this Act.

The sum appropriated shall be expended by the department of agriculture for the purposes of this Act.

SECTION 6. In codifying the new sections added by section 2 of this Act, the revisor of statutes shall substitute appropriate section numbers for the letters used in designating the new sections in this Act.

SECTION 7. New statutory material is underscored.

SECTION 8. This Act shall take effect on January 7, 2019; provided that this Act shall be repealed on July 1, 2021.




March 20, 2016

Aloha Chairman Rhoads, Vice Chair, San Buenaventura

As the Vice President of the Haleakala Chapter of the Hawaii Farmers Union United my board and members agree in **support** of SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state capable of and interested in conducting research to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii.

Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA.

Respectfully submitted,

x 

Phyllis Robinson
Vice President, Haleakala Chapter HFUU

Phyllis Robinson

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 6:20 PM
To: JUDtestimony
Cc: malian@kauspecialtycoffee.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Malian Lahey	Ka`u Specialty LLC	Comments Only	No

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura -- I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully submitted, Malian Lahey

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 11:32 AM
To: JUDtestimony
Cc: wao-hsl@WeAreOne.cc
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Joseph Kohn MD	We Are One, Inc. - www.WeAreOne.cc - WAO	Support	No

Comments: Support SB 2659 SD 2 with amendments for multiple growers and locations.

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 10:32 AM
To: JUDtestimony
Cc: aipohaku@hotmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Aloha Chair Rhoads, Vice Chair San Buenaventura, We support SB 2659 SD2 a bill to allow research on hemp production in Hawaii. We need to amend the current language to allow for multiple grow permits statewide in the different climate zones in our Pae`Aina. Our environmental diversity is the very reason we need to do large scale research. The current language in the bill needs to be modified to allow for statewide plantings of hemp for research purposes, administered and regulated by the HDOA. mahalo nui! Vince Kanai Dodge 4 `Ai Pohaku- The Stone Eaters

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From: mailinglist@capitol.hawaii.gov
Sent: Saturday, March 19, 2016 12:26 PM
To: JUDtestimony
Cc: mmmmahalo2000@aol.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/19/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Mike Moran	Kihei Community Association	Support	No

Comments: Aloha Chair and members the Kihei Community Association (KCA) is in full support of this measure. The time is NOW as we're already late in this game behind numerous mainland states. We have lots of AG acreage on Maui. Mahalo, Mike Moran President KCA

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 10:39 AM
To: JUDtestimony
Cc: mike@nationalhempassociation.org
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Michael Bowman	National Hemp Association	Support	No

Comments: 21 March 2016 Dear Committee, I offer my testimony in support of SB2659 SD2 today as the Board Chair of the National Hemp Association, a member of Colorado's Governor-appointed Industrial Hemp Commission and as an individual who is a farmer from Colorado. I've had the honor of getting to know a good many legislators and advocates in Hawaii over the past three years as you've explored the opportunity for industrial hemp in your home state. My home state, Colorado, was the first state in the union to end the prohibition of industrial hemp in 2012 and allow its farmers the right to cultivate the plant. Since then over 30 states have followed our lead; in the last week alone we've seen overwhelming majorities in the state legislatures of Pennsylvania, Missouri and Alabama join the ranks. Nationally, the Industrial Hemp Farming Act has been submitted in both the Senate (S.134) and the House (H.R.525) and are co-sponsored by Senator Schatz and Congresswoman Gabbard. The bills enjoy broad, bi-partisan support; the Senate bill's original co-sponsor is Senate Majority Leader Mitch McConnell. The importance of this national movement by the states to legalize can't be understated: we're nearing a point where 2/3rd's of the states have made their statement to Congress. Without this bottom-up approach, convincing Congress to revise it's long-held position that a plant with so much promise should remain on Schedule 1 - despite anyone's ability to defend that position from a scientific perspective - would be difficult at best. There are many who would state that industrial hemp is a silver bullet. While I steadfastly argue that the plants components can bring an estimated 25,000+ to an already-exisitng marketplace, hems role will be significant in a diversified agricultural model, something between silver buckshot and a silver bullet. Today the United States is the only G7 economy that does not allow its farmers to cultivate industrial hemp - yet we are the largest consumer market for its products in the G7. An estimated \$600 million in hemp-based products were sold in the US last year alone. Colorado is now entering its third year of commercial production. Last year we issued permits for approximately 3,000 acres of production. It's estimated we could see this acreage grow to 5,000 in 2016. Colorado farmers enjoy a robust and transparent licensing system with our state department of agriculture. While we had a small handful of bad actors in year 1, the program in place has been a success. We attempted to find

a balance between encouraging entrepreneurs to develop this exciting new market and not having such onerous oversight that it smothered the energy of those early pioneers. I believe we've found such a balance. In my 30 years as an agriculturalist I don't think I've seen any introduction of a new crop met with any more enthusiasm. Nationally I can report on several projects that were launched in 2015: in Kentucky a group of veterans known as 'Growing Warriors' joined with clothing giant Patagonia to grow hemp for fiber and develop a line of sustainable clothing. In the first year two American flags were hand-spun and dyed from this fiber. One of the two flags flew over our nation's Capitol Building on Veterans Day and will hang permanently in the offices of Farm Aid to honor the decades-long commitment and support of Willie Nelson to industrial hemp and America farmers. This same group is working in partnership with a major egg producer to integrate industrial hemp protein (the co-product of producing hemp oil) in to the diet of laying hens. It is being proven-out that hens fed hemp protein provide eggs with higher levels of Omegas. In May, a benefit event on the east coast, supported by Mr. Nelson, will allow a 60-acre plot of fiber to be grown as a demonstration plot for the National Black Farmers Association, a group of almost 100,000 small, minority farmers on the east coast who were displaced by the tobacco buy-out. This fiber will, again, be contracted to Patagonia. In Mississippi, aquaculture operators are looking at hemp protein to help them grow a local source of protein for their operations. In Colorado, farmers in northeastern Colorado are working in a partnership with the University of Colorado and a private equity firm to convert hemp fibers in to a substitute for graphene, a common, very expensive component of batteries that can be replaced by hemp components at a fraction of the price of graphene. A southeastern Colorado farmer has contracted his production to an Oklahoma building insulation company. In the Chesapeake Bay (Maryland) watershed, local government is looking at hemp as a way to remediate nutrient-soaked lands in the watershed from the over-application of manures from the state's poultry industry. In upstate New York, a local winery is copying a construction format for their winery that has long-been a favorite practice in France: the use of hempcrete in the construction of its cellars. I am personally overseeing a project that will test the conversion of hemp oil to bio-diesel; in fact, having the option of utilizing off-spec oil for fuel is a necessary component to any diversified community model. At the risk of belaboring my points I know the committee has become well-versed on the opportunities in bringing this crop back to the islands. The potential for hemp is only limited by the imagination of your producers - and the willingness of this committee to empower those producers. Industrial Hemp represents vast markets for Food, Feed, Fuel, Fiber and Farma; Hawaii offers significant advantages for production of the crop over any other US state. Henry Ford once said, "Whether you think you can or think you can't, you're right" I believe Hawaii 'can'. Thank you for your consideration of my testimony. Michael Bowman mike@nationalhempassociation.org 303-570-9277

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 9:59 AM
To: JUDtestimony
Cc: tgyldstrand@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Travis Gyldstrand	HempStrand	Comments Only	No

Comments: Aloha, I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate throughout the Hawaiian Kingdom the agricultural research of Hemp. I understand there has been a request by A&B to limit this bill to one single test site. May I remind you of the original purpose of the bill to allow ALL farmers throughout Hawaii to apply for permits to grow industrial hemp. Industrial hemp should not be preyed upon by corporate interests, because that is how industrial hemp got here in the first place. I support right for industrial hemp to be legal in Hawaii. Respectfully submitted Travis Gyldstrand

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 12:02 PM
To: JUDtestimony
Cc: soilculture@aol.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Bob Shaffer	Soil Culture Consulting	Support	No

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura -- I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Hemp is a critically important crop for Hawaii agriculture, Hawaii's people and its important to allow small and large farmers alike to have equal and un bias access to permits, growing stock and information to obtain the highest and most beneficial outcome. Respectfully submitted, Bob Shaffer, agronomist Soil Culture Consulting

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Mar 22, 2016

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

Maui Hemp Institute for Research and Innovation (MHI) is in **STRONG support of SB 2659 SD2**

MHI is a Hawaii nonprofit, whose members have worked with local and national legislators and the general public over the past three years to educate our business and private sector communities on the many benefits of industrial hemp.

Twenty-seven U.S. states have already passed industrial hemp legislation.

Hawaii is in a unique position to grow industrial hemp year-round — a fact established by the pilot program research done at UH during the past two years. Expanding this program to all Hawai'i farmers and agricultural companies will maintain our lead over other states hoping to develop a stake in 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 into products that will diversify and grow our local economy.

Already, citizens on Maui are building a second house using hemp building materials! Hemp insulation in this home 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 manufacturing their recyclable containers from pulverized hemp for years. These are just three examples of profitable products and businesses that use industrial/agricultural hemp. Unfortunately, raw materials for these products currently must be imported.

Expanding industrial hemp farming to all Hawaii will naturally develop plant strains that thrive in all our many microclimates and produce seed products that Hawai'i manufacturers can buy locally – boosting our economy immediately. Farming of hemp as a rotational crop will clean, condition and fertilize our soil for food crops that reduce our dependence on imported produce.

We have read testimony by A&B with a suggestion to limit hemp farming to one single test site. We respectfully request you honor the purpose of the original bill, which gives all farmers that qualify opportunities to apply for permits to grow industrial hemp. According to Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, “We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research.”

Please retain the bill's current language to allow for statewide plantings of hemp for research purposes, administered and regulated by the HDOA.

We respectfully suggest that certain security measures currently defined in the bill, be removed:
Page 17, 2659 S.B. NO. s.D

- 6 (E) Installing reasonable security measures to
 7 prevent theft and posting signs indicating that
 8 cameras are used to record activity on the
 9 growing area property;

Rationale

The cost for a security system with cameras around the acreage would be very high, leaving out small farmers and limiting growing and research opportunities to large Agricultural companies. This is not a requirement of the DEA and the other states growing industrial hemp are not requiring these or the below measures.

We also suggest that the following language be removed:

Page 18, 2659 S.B. NO. s.D

- 5 (K) Reducing the likelihood of cross pollination
 6 between varieties of industrial hemp and among
 7 other plants by:
 8 (i) Separating any growing area from other self
 9 pollinating plants by more than ten feet;
 10 (ii) Separating any growing area from other wind
 11 and insect pollinating plants by more than
 12 three hundred feet; and
 13 (iii) Employing a physical barrier such as a hoop
 14 house or row cover to isolate industrial
 15 hemp from other plants; and

Rationale

The need for separating industrial hemp plants because of cross-pollination only pertains to the proximity to marijuana plants...the only plant with which cross-pollination may occur. To ask our farmers to use a hoop house or use row cover will, again, falsely eliminate a otherwise qualified Farmers and sites from growing and cultivating this very important crop for our Islands.

Your vote to support SB 2659 SD2 will allow farmers, current businesses and budding entrepreneurs alike to grow and explore markets for hemp products that can only be made here in Hawaii.

We appreciate your support of this very important bill and the opportunity to testify,

Denise Key, MHI Educational Director

From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 7:32 AM
To: JUDtestimony
Cc: ealoi@hawaii.edu
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: There is no good reason to restrict or prohibit the growing of hemp. I strongly support this bill.

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 7:30 AM
To: JUDtestimony
Cc: irish7413@yahoo.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully submitted, Amber Long

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 7:15 AM
To: JUDtestimony
Cc: iam@thegoddessiam.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
I AM	Individual	Comments Only	No

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura -- I support SB 2659 SD2. This is a bill to allow ALL Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully submitted, I AM Support SB 2659 SD 2 for ALL Hawaii farmers!

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 6:05 AM
To: JUDtestimony
Cc: e.ormonde@hotmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Emanuel Ormonde	Individual	Support	No

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully, Emanuel Ormonde

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 1:51 AM
To: JUDtestimony
Cc: mrgach@att.net
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 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 support a statewide hemp production for research, instead of restricting it to only one test site by one company. - I support SB 2659 SD2 to allow Hawaii farmers to grow industrial hemp in statewide agricultural research on hemp. Please honor the purpose of the original bill-- to allow farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. - Why is it necessary to allow for multiple grow permits statewide? Because in the different climate zones on Hawaii, our environmental diversity is an excellent reason why we need to do research in many locations. Thus, please let the bill's current language remain. - Please Support SB 2659 SD 2. Mahalo for hearing my testimony for this vital agricultural law. - Michael Reed Gach, Ph.D., Maui Resident for 12 years

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 1:25 AM
To: JUDtestimony
Cc: raphiell@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura -- I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully submitted, Raphiell Nolin

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 12:50 AM
To: JUDtestimony
Cc: boyne@hawaii.edu
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura, I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully submitted, Jonathan Boyne

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 10:56 PM
To: JUDtestimony
Cc: kallygos@mac.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura -- I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully submitted, Kally Goschke-----

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To: JUDtestimony
Cc: bobbibecker@mindspring.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
bobbie becker	Individual	Support	No

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura -- I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. No one organization or group should have a monopoly on growing this very useful crop. Having multiple farmers in several locations growing the crop in different locations with different soils, climates and elevations will allow Maui farmers to gain expertise in growing this crop. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully submitted, Bobbie Becker, Upcountry farmer

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Cc: alexhaller.hawaii@gmail.com
Subject: *Submitted testimony for SB2659 on Mar 22, 2016 14:00PM*

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Alex Haller	Individual	Support	No

Comments:

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To: JUDtestimony
Cc: kaloli.pt@gmail.com
Subject: *Submitted testimony for SB2659 on Mar 22, 2016 14:00PM*

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments:

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I strongly **support** SB 2659 SD2 strongly. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. Hemp would have great benefits for farmers. It is hard to imagine why we would restrict it to one test site. By allowing all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii we would be able to gather a range of information needed for the future..

Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Yours sincerely, Anne Thurston

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 8:09 PM
To: JUDtestimony
Cc: vinayakeha@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura -- I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully submitted, Vinayak

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Aloha Chairman Rhoads, Vice Chair, San Buenaventura -- I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii.

Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA.

Respectfully submitted, Randyl Rugar

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 7:30 PM
To: JUDtestimony
Cc: davidsher@juno.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: I strongly support SB 2659 SD2 to allow research on hemp production in Hawaii. However, please amend the current language to allow for multiple grow permits statewide. Our environmental diversity is the very reason we need to do large scale research. The current language in the bill needs to be modified to allow for statewide plantings of hemp for research purposes, administered and regulated by the HDOA. Mahalo.

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To: JUDtestimony
Cc: jdancer@kula.us
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura -- I support SB 2659 SD2. Please allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." A&B with its huge amount of land & water will benefit even more from the diverse research and will still be able to profit if indeed industrial hemp is a viable crop. Also the research will begin immediately with the competition encouraging everyone to do their best. Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully submitted, John Naylor Makawao

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 6:38 PM
To: JUDtestimony
Cc: matthewgalena@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: I support this bill for bringing hemp to Hawaii as a versatile crop to replace the cane and pineapple industry. However, I specifically do **not** support the request by A&B to be the sole site on Maui for research. While it is admirable that they are finally getting around to doing what's right for the island residents' health by ending the cane burning and production, that's hardly a good reason to hand them sole control over the potentially lucrative hemp industry on the island, even for a limited time. Some of it? Sure. All of it? No way! Let some of the smaller operations have a go at it, they may very well turn out a better product.

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 6:36 PM
To: JUDtestimony
Cc: whoru@hawaiiantel.net
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Dennis F Lokmer	Individual	Support	No

Comments: I support SB2659 HD2

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 6:35 PM
To: JUDtestimony
Cc: neil.vonhof@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Aloha Chair Rhoads, Vice Chair San Buenaventura, I support SB 2659 SD2 a bill to allow for the research of hemp production in Hawai'i. We need to amend the current language to allow for multiple grow permits statewide in the many different climate zones that exist in our state. Our environmental diversity is the very reason we need to do large scale research. The current language in the bill needs to be modified to allow for statewide plantings of hemp for research purposes, administered and regulated by the HDOA. Mahalo for your time and attention to this matter. -Neil Vonhof, Haiku

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To: JUDtestimony
Cc: julianemoto@googlemail.com
Subject: *Submitted testimony for SB2659 on Mar 22, 2016 14:00PM*

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments:

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Cc: westmango7@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Joy Nelson	Individual	Support	No

Comments: Farmers have expressed an interest in growing hemp. Please don't let AB have a monopoly in doing this.

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Cc: mauimagic5711@hotmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: ALL FARMERS !!!!!!!!!!!

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Sent: Sunday, March 20, 2016 5:09 PM
To: JUDtestimony
Cc: tahojim@aol.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
JAMES GETz	Individual	Comments Only	No

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura -- I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully submitted, (your name)

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Sent: Sunday, March 20, 2016 4:59 PM
To: JUDtestimony
Cc: slwsurfing@yahoo.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Please allow equal opportunity for many farmers on all islands to grow industrial Hemp. Not just one large corporation! Please Give the younger people a chance. Mahalo ~ from Hawai'i Island

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Aloha Chairman Rhoads, Vice Chair, San Buenaventura --

I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii.

Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, **“We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research.”** Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA.

Respectfully submitted,

Tom Woods

Princeville Hi, 96722

Support SB 2659 SD 2

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 4:00 PM
To: JUDtestimony
Cc: michelle@bydesignmaui.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Michelle Turner, UDCP	Individual	Comments Only	No

Comments: I support SB 2659 SD2. I understand this is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to only one test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. I do not agree with the proposed modification by A&B especially the limitation to one test site, "...In addition, we respectfully request that the pilot program be limited to one test site, as determined by the University of Hawaii and as certified by the Board of Agriculture, which shall focus on researching THC levels of industrial hemp grown in Hawaii and the viability of industrial hemp seed and oil byproduct production." This proposed limitation is not acceptable. I am curious as to the intent of the language, "Takes effect on 1/7/2059 and sunsets on 7/1/2021." I would hope that should this bill pass, and I hope it does, that this would take place immediately or by 7/1/2016 and conclude 7/1/2021. Thank you for your consideration.

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Sent: Sunday, March 20, 2016 3:45 PM
To: JUDtestimony
Cc: stacy@stacyvosberg.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura -- I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully submitted Stacy Vosberg

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Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: i think the dates are wrong: Takes effect on 1/7/2059 and sunsets on 7/1/2021. (SD2)

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To: JUDtestimony
Cc: saljobst@hotmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Please support the approval of growing industrial hemp by many farmers and in many locations. Please do not encourage the production of hemp by a monopoly. Organically grown hemp has the possibility of providing farming income and value-added income; it is important to our economy and to our social well-being to broaden the opportunity to as many people as possible. It may also provide soil remediation, if grown as organically as possible.

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 biodiverse Maui.pages

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Maile Teter	Individual	Support	No

Comments: We need to be cultivating all that is fitting for the region and for supplying our needs locally.

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Sent: Sunday, March 20, 2016 1:41 PM
To: JUDtestimony
Cc: ritahands@yahoo.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Rita Massey	Individual	Support	No

Comments: I support SB 2659 with the amendments, for research on industrial hemp in Hawaii. It promises to be a good crop with many uses. The Hawaii farmers support this. It is time to take hemp out of the status as controlled substance and develop its many uses as building materials, food, clothing, and fuel. Thank you.

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 10:36 AM
To: JUDtestimony
Cc: bexter@maui.net
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Aloha Chair Rhoads, Vice Chair San Buenaventura, I support SB 2659 SD2 a bill to allow research on hemp production in Hawaii. We need to amend the current language to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research. The current language in the bill needs to be modified to allow for statewide plantings of hemp for research purposes, administered and regulated by the HDOA. Respectfully submitted, Rebecca Sydney

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To: JUDtestimony
Cc: alohalways@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Tanja Miller	Individual	Support	No

Comments: Aloha Chair Rhoads, Vice Chair San Buenaventura, I support SB 2659 SD2 a bill to allow research on hemp production in Hawaii. We need to amend the current language to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research. The current language in the bill needs to be modified to allow for statewide plantings of hemp for research purposes, administered and regulated by the HDOA. Respectfully submitted, Tanja Miller

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 9:29 AM
To: JUDtestimony
Cc: leslieaashburn@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Aloha Chair Rhoads, Vice Chair San Buenaventura, I support SB 2659 SD2 a bill to allow research on hemp production in Hawaii. We need to amend the current language to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research. The current language in the bill needs to be modified to allow for statewide plantings of hemp for research purposes, administered and regulated by the HDOA. Respectfully submitted, Leslie Ashburn

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Cc: taragrace808@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Tara Grace	Individual	Comments Only	No

Comments: I SUPPORT THIS BILL.

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Cc: jahniappleseed@gmail.com
Subject: *Submitted testimony for SB2659 on Mar 22, 2016 14:00PM*

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Patrick Harley Simmons	Individual	Support	No

Comments:

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To: JUDtestimony
Cc: mharrison541@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
michael harrison	Individual	Support	No

Comments: Aloha Chair Rhoads, Vice Chair San Buenaventura, I support SB 2659 SD2 a bill to allow research on hemp production in Hawaii. We need to amend the current language to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research. The current language in the bill needs to be modified to allow for statewide plantings of hemp for research purposes, administered and regulated by the HDOA. Respectfully submitted, Michael Harrison

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, March 20, 2016 6:06 AM
To: JUDtestimony
Cc: karenwinslow51@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

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

Comments: Aloha Chair Rhoads, Vice Chair San Buenaventura, I support SB 2659 SD2 a bill to allow research on hemp production in Hawaii. We need to amend the current language to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research. The current language in the bill needs to be modified to allow for statewide plantings of hemp for research purposes, administered and regulated by the HDOA. Sincerely, Karen Winslow

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In Support of SB2659: Relating to Industrial Hemp

As a full-time hemp professional, this is my second testimony in support of SB2569 (I also testified in support of the bill's House companion, which as we know passed unanimously). I feel compelled to offer further testimony now for two reasons. First, because I believe SB2569 will prove one of the most beneficial laws to Hawaii's economy, families and farmers in years. Second, I believe it is vital that the bill be passed as it was written and as recommended unanimously by the agriculture committee.

The hemp cat is out of the bag, thank goodness. This crop has the real potential to allow full food and energy independence for the Islands, as well as provide a much-needed economic base for independent farmers, processors and entrepreneurs.

The bill'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 ranging 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, SB2569 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 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. SB2569 represents a positive watershed for Hawaii.

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

From: mailinglist@capitol.hawaii.gov
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Cc: touch2know@gmail.com
Subject: *Submitted testimony for SB2659 on Mar 22, 2016 14:00PM*

SB2659

Submitted on: 3/20/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
James Yunker	Individual	Support	No

Comments:

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To: JUDtestimony
Cc: begoniabarry@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Barbara Barry	Individual	Support	No

Comments: Aloha, I strongly support this Bill without A&B's amendments. Mahalo

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Cc: hlbpalmer@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Hillary Palmer	Individual	Support	No

Comments: I find it absurd and insulting that testimony on Hemp research from A&B would be emphasized by Chairman Tsuji in his referral of this bill. With all due respect to the institution, Hawaii's Government has long been measured as one of the most corrupt in America. Who is the face of that corruption? They are sitting in the room right now, look around! A&B is not a farming operation and knows nothing about Hemp or any other crop research. After years of ignoring it, in Hemp they now see profit potential and they want to own it for their shareholders exclusively, to the detriment of the real farmers and people of Hawaii. A&B's subsidiary HC&S also knows little about any real agriculture as they have only ever been engaged in sugar "production", which isn't really farming is it? HC&S is run by diesel mechanics not farmers. Anyone who understands agriculture understands that Hawaii has an extremely wide range of climates and that there are a great number of varieties of Hemp. A great part of the research to be done is to determine which climate is best for each variety of hemp so that we can maximize the many benefits of this important crop. To suggest that research should only be conducted at one site is ignorant at best. At worst A&B's testimony and Chairman Tsuji's support of that testimony signals an attempt to create an unfair monopoly in Hemp production and they should all be called out for it. In fact, I will go so far as to call for Cliff Tsuji resignation as Chair of the Ag Committee. He has repeatedly abused his position to favor corporate interests that do not serve the larger agricultural community or the people of Hawaii. Tsuji represents institutional corruption at it's worst. A&B also testified about making accommodations for a potential increase in THC levels above the Federal limit of 0.3% as a result of growing Hemp in Hawaii's tropical climate. That Federal limit, though written in law, was arbitrarily chosen and has no functional basis in reality. Across the board, every variety of Hemp has so little of THC in it that one would need to smoke a joint the size of a telephone pole to get high. Though in the same Cannabis family, Hemp is quite different from Marijuana. It's just like the poppy seeds in your morning muffin are in the same plant family yet different from the poppies grown to make heroin. Hemp production offers tremendous opportunities for both farmers and the makers of consumer products here in Hawaii and research into how best to grow it here should be pursued as openly, as widely and as vigorously as possible. A&B and Cliff Tsuji can go to Hell. Respectfully submitted, Hillary Palmer

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 9:13 AM
To: JUDtestimony
Cc: ricbillman@gmail.com
Subject: *Submitted testimony for SB2659 on Mar 22, 2016 14:00PM*

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Richard Billman	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 9:04 AM
To: JUDtestimony
Cc: mauihemp@icloud.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Steve Rose	Individual	Support	No

Comments: After hard work by many to create one of the best Hemp legislations in the US the move by A&B with their last minute amendment to strip the access of Hemp Farming to all Hawaii Farmers and create a single permit for them is not acceptable. Please please pass the original bill from committee without any amendments as our farmers are ready to Farm Hemp as it is being done in many states on the mainland. No further research is need for any THC testing as in the Institutes findings Hemp has no active THC and Hemp farming is basic...you put the seed in the ground ...water it...and harvest, as has been done in other parts of the work for over 10,000years....and hopefully with passage of SB2659 SD2 will happen again on our Islands like it did during WWII. Steve Rose...President/CEH Muai Hemp Institute for Research & Innovation

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Sent: Monday, March 21, 2016 8:59 AM
To: JUDtestimony
Cc: isdale@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Gerald Isdale	Individual	Support	No

Comments: I am writing to support this legislation but strongly oppose the amendment that attempts to restrict cultivation to one company. It is especially onerous that this one company has such deep and wide reach throughout Hawaii, and rather obviously into the deposit accounts of some legislators. Please remove the amendment and pass the bill without it, showing you support Hawaii as a democracy, not a corporate oligarchy.

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 8:56 AM
To: JUDtestimony
Cc: milholen.jennifer@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Jennifer Milholen	Individual	Support	No

Comments: Support with no amendments from A&B. Just Say No to a Hemp Monopoly for A&B.

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 9:53 AM
To: JUDtestimony
Cc: alana.yurkanin@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Alana Yuranin	Individual	Comments Only	No

Comments: Aloha Chair Rhoads, Vice Chair San Buenaventura, I support SB 2659 SD2 a bill to allow research on hemp production in Hawaii. We need to amend the current language to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research. The current language in the bill needs to be modified to allow for statewide plantings of hemp for research purposes, administered and regulated by the HDOA. Respectfully submitted, Alana Yurkanin

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 9:47 AM
To: JUDtestimony
Cc: bboege@liminmusic.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Bruce Boege	Individual	Support	No

Comments: I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully submitted, Bruce Boege Kihei, Hi 96753

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To: JUDtestimony
Cc: carolinesdelano@aol.com
Subject: *Submitted testimony for SB2659 on Mar 22, 2016 14:00PM*

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Caroline Delano	Individual	Support	No

Comments:

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To: JUDtestimony
Cc: makena42@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Courtney Turner	Individual	Support	No

Comments: Aloha Chairman Rhoads, Vice Chair San Buenaventura -- I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow ALL farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. To have the greatest chance of success, let's see hemp being grown on different islands, in different microclimates to find what conditions and requirements it needs to be the most productive and efficient. Respectfully submitted, Courtney Turner

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Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Julie Pittman	Individual	Oppose	No

Comments: Aloha, Please say NO to A&B's grab on trying to monopolize the Hemp growing industry in Hawaii !Hemp needs to be open to all farmers that wish to grow it...Period. Mahalo from a very concerned farmer...Julie Pittman

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Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Thomas Craig	Individual	Comments Only	No

Comments: Aloha Chair Rhoads, Vice Chair San Buenaventura, I support SB 2659 SD2 a bill to allow research on hemp production in Hawaii. We need to amend the current language to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research. The current language in the bill needs to be modified to allow for statewide plantings of hemp for research purposes, administered and regulated by the HDOA.

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Sent: Monday, March 21, 2016 1:37 PM
To: JUDtestimony
Cc: paulakomarajr@yahoo.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Paul A. komara, Jr.	Individual	Comments Only	No

Comments: I find it absurd and insulting that testimony on Hemp research from A&B would be emphasized by Chairman Tsuji in his referral of this bill. With all due respect to the institution, Hawaii's Government has long been measured as one of the most corrupt in America. Who is the face of that corruption? They are sitting in the room right now, look around! A&B is not a farming operation and knows nothing about Hemp or any other crop research. After years of ignoring it, in Hemp they now see profit potential and they want to own it for their shareholders exclusively, to the detriment of the real farmers and people of Hawaii. A&B's subsidiary HC&S also knows little about any real agriculture as they have only ever been engaged in sugar "production", which isn't really farming is it? HC&S is run by diesel mechanics not farmers. Anyone who understands agriculture understands that Hawaii has an extremely wide range of climates and that there are a great number of varieties of Hemp. A great part of the research to be done is to determine which climate is best for each variety of hemp so that we can maximize the many benefits of this important crop. To suggest that research should only be conducted at one site is ignorant at best. At worst A&B's testimony and Chairman Tsuji's support of that testimony signals an attempt to create an unfair monopoly in Hemp production and they should all be called out for it. In fact, I will go so far as to call for Cliff Tsuji resignation as Chair of the Ag Committee. He has repeatedly abused his position to favor corporate interests that do not serve the larger agricultural community or the people of Hawaii. Tsuji represents institutional corruption at it's worst. A&B also testified about making accommodations for a potential increase in THC levels above the Federal limit of 0.3% as a result of growing Hemp in Hawaii's tropical climate. That Federal limit, though written in law, was arbitrarily chosen and has no functional basis in reality. Across the board, every variety of Hemp has so little of THC in it that one would need to smoke a joint the size of a telephone pole to get high. Though in the same Cannabis family, Hemp is quite different from Marijuana. It's just like the poppy seeds in your morning muffin are in the same plant family yet different from the poppies grown to make heroin. Hemp production offers tremendous opportunities for both farmers and the makers of consumer products here in Hawaii and research into how best to grow it here should be pursued as openly, as widely and as vigorously as possible. A&B and Cliff Tsuji can go to Hell. Respectfully submitted, Paul A. Komara, Jr.

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Cc: stella.i.caban@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Stella Caban	Individual	Support	No

Comments: Aloha Chair Rhoads, Vice Chair San Buenaventura, I support SB 2659 SD2 a bill to allow research on hemp production in Hawaii. We need to amend the current language to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research. The current language in the bill needs to be modified to allow for statewide plantings of hemp for research purposes, administered and regulated by the HDOA. Respectfully submitted, Stella Caban

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Chairman Tsuji needs to ensure safety, security, and VALID reasoning behind Monopolizing Industrial Hemp for Education and Cultivation.

First of all this bill serves NO merit. There is no proof or PLAN HC&S can handle such an operation. Hemp is completely different from sugar cane and thus far Chairman Tsuji has no clue how to run such an operation. Yes, they have plenty of money, that doesn't mean they can destroy the community with it.

I am concerned as a resident because this practice would break the hearts of many Cannabis enthusiasts who have been studying, researching, growing and planning a business of their own. This bill will steal jobs from local residents NOT create. This is completely unfair to the community. HC&S preaches "Community Safety and Aloha" this bill is completely different from the image the website exploits.

So shame on you Chairman for not doing your do diligence. Shame on you for stealing jobs. Shame on you for your ignorance to the community and selfish practices you have been following.

Re-write the bill with logic, explanation, and fairness!

From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 12:50 PM
To: JUDtestimony
Cc: waioli2@hawaiiantel.net
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
chris kobayashi	Individual	Support	No

Comments: industrial hemp is so diversely useful and truly what one should call "sustainable" - we need to hurry and make use of it by remediating land and making products, asap!

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legechair@gmail.com
Submitted testimony for SB2659 on Mar 22, 2016 14:00PM
SB2659 SD2 HD1 Proposed.pdf

Green Category

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Simon Russell	HFUU Legislative Committee	Support	No

Comments: Aloha Chair Rhoads, Vice Chair San Buenaventura and Members of the Committee, On behalf of the The Hawaii Farmers Union United Legislative Committee and our 1000 members statewide, we humbly offer a proposed amended version of SB 2659SD2 as HD1. We hope you will see the value of multiple test sites as a pilot program across the state, and administered by the BOA and/or CTAHR. Please see the attached file for the new draft. We do not presume to write bills for your committee, yet feel the previous draft is too onerous on farmers and not supportive of the state wide research that needs to be done. Thank you for your good work representing us in the Legislature, we appreciate you. Submitted with Aloha, Simon Russell Hawaii Farmers Union United Legislative Committee Chairman

Please note that testimony submitted less than 24 hours prior to the hearing, 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.

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LATE

Testimony of Eric Steenstra, president of Vote Hemp
Date: March 22, 2016

Testifying in support of SB 2659 SD2

Chair Tsuji and Members of the House Committee on Agriculture:

My name is Eric Steenstra and I am, the president of Vote Hemp, a non-profit advocacy group formed in 2000 by members of the hemp industry. Our mission is to advocate for legislation and policies at the state and federal level that allow American farmers to once again grow industrial hemp commercially.

Vote Hemp has a full time presence in Washington and works with members of Congress and state legislators to educate and advocate for industrial hemp legislation. Vote Hemp has assisted dozens of states to pass pro-hemp legislation over the past 16 years. Currently 27 states including Virginia, Kentucky and Tennessee allow hemp pilot programs or farming under state law.

You may hear from others about the amazing array of products that can be made from industrial hemp or details about its long history in American agriculture dating back to the founding fathers. What I would like to talk about today is the economic benefits and potential of hemp to create jobs in farming and manufacturing.

American companies have been importing hemp raw materials and finished products already for decades. Thousands of products made from hemp can be found at stores such as Costco, Target, CVS and Whole Foods. The market has been growing each year. The Hemp Industries Association estimates that retail sales of hemp products reached \$620 million in 2014 and retail sales tracking data from SPINS indicates that the sales of hemp food and body care products grew by 21.2% to \$200 million in 2014.

The current policy creates barriers to job creation and penalizes Hawaiian farmers whose forefathers grew hemp for centuries. I urge you to support SB 2659 SD2 to reduce imports and create American jobs.

I also would like to offer the attached amendment to the bill and urge the committee to allow multiple pilot programs. There is much to learn about this crop and how it can best be grown by Hawaii farmers. Allowing multiple hemp pilot projects will be beneficial to the development of a hemp industry on Hawaii.

I am also attaching an update on the status of hemp at the federal and state level that should be helpful to committee members in seeing how other states are progressing with hemp research and pilot programs. Thank you for the opportunity to speak.

A BILL FOR AN ACT

RELATING TO INDUSTRIAL HEMP.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that mankind has
2 cultivated hemp as a source of food and fiber for thousands of
3 years. Modern production methods have utilized hemp's oilseed
4 to make high-grade food and beauty products. The stalks produce
5 fiber and cellulose for everything from automotive parts and
6 fine clothing to building materials and fuel.

7 The legislature further finds that according to estimates
8 by the Hemp Industries Association, retail sales of industrial
9 hemp products in the United States have grown steadily since
10 1990 to more than \$620,000,000 annually in 2014. California
11 manufacturers of hemp products currently import tens of
12 thousands of acres' worth of hemp seed, oil, and fiber products
13 from around the world that could be produced by American farmers
14 at a more competitive price. Additionally, the intermediate
15 processing of hemp seed, oil, food ingredients, and fiber could
16 create jobs in close proximity to the fields of cultivation.



1 The legislature further finds that support for industrial
2 hemp farming is occurring at the national level. California,
3 Colorado, Delaware, Hawaii, Illinois, Indiana, Kentucky, Maine,
4 Montana, Nebraska, North Dakota, Oregon, South Carolina,
5 Tennessee, Utah, Vermont, Washington, and West Virginia have
6 defined industrial hemp as a distinct agricultural crop and
7 removed barriers to its production. Furthermore, President
8 Obama signed the 2014 Farm Bill into law, which authorizes
9 industrial hemp research and pilot programs in states that
10 regulate hemp farming under the authority of the state
11 department of agriculture. This relaxation of the federal
12 government's prohibition signals that hemp is poised to once
13 again become a lucrative industrial crop in the United States.

14 The purpose of this Act is to establish an industrial hemp
15 pilot program to allow the cultivation of industrial hemp and
16 distribution of its seed in Hawaii through limited activities by
17 the board of agriculture or the University of Hawaii through a
18 pilot program for purposes of agricultural or academic research.

19 SECTION 2. Chapter 141, Hawaii Revised Statutes, is
20 amended by adding a new part to be appropriately designated and
21 to read as follows:



1 "PART INDUSTRIAL HEMP PILOT PROGRAM

2 §141-A Definitions. As used in this part:

3 "Board" means the board of agriculture.

4 "Industrial hemp" means the plant Cannabis sativa L. and
5 any part of that plant, whether growing or not, with a delta-9
6 tetrahydrocannabinol concentration of not more than 0.3 per cent
7 on a dry weight basis or higher limit that is permitted by the
8 Drug Enforcement Administration or the board, that is
9 cultivated.

10 "Seed cultivar" means a variety of industrial hemp.

11 "Variety" means a group of individual plants that exhibit
12 the same observable physical characteristics or have the same
13 genetic composition.

14 §141-B Industrial hemp pilot program; established. (a)

15 There is established within the department of agriculture an
16 industrial hemp pilot program to allow the cultivation of
17 industrial hemp and distribution of its seed in Hawaii through a
18 pilot program for purposes of agricultural or academic research
19 to be coordinated by the dean of the college of tropical
20 agriculture and human resources at the University of Hawaii or
21 the chairperson of the board of agriculture. The industrial



1 hemp pilot program may be conducted on multiple test sites, at
2 least one of which may focus on researching the delta-9
3 tetrahydrocannabinol percentage content of industrial hemp grown
4 in Hawaii and the viability of industrial hemp seed and oil
5 byproduct production.

6 (b) In order to acquire industrial hemp seed for the pilot
7 program, the department of agriculture or the University of
8 Hawaii shall register with the United States Department of
9 Justice, Drug Enforcement Administration, as an importer of
10 controlled substances.

11 (c) The pilot program shall establish an agency
12 relationship with any participant in the industrial hemp pilot
13 program, who shall operate as extensions of the board or the
14 University of Hawaii, as applicable, for the purposes of
15 research on the growth, cultivation, and marketing of industrial
16 hemp.

17 **§141-C Certification of test site.** The dean of the
18 college of tropical agriculture and human resources at the
19 University of Hawaii or the board shall designate the test sites
20 for the industrial hemp pilot program. The board may certify
21 the test sites in accordance with any rules it may adopt.



1 **§141-D Approved seed cultivars.** The department of
2 agriculture shall certify the seed cultivars to be used in the
3 industrial hemp pilot program.

4 **§141-E Inspections; fees.** (a) All licensees shall be
5 subject to sampling of their industrial hemp crop to verify that
6 the delta-9 tetrahydrocannabinol percentage content does not
7 exceed 0.3 per cent on a dry weight basis or higher limit that
8 is permitted by the Drug Enforcement Administration or the
9 board.

10 **§141-F Content of tetrahydrocannabinol exemption;**
11 **development.** Industrial hemp pilot program participants may
12 cultivate or possess industrial hemp with a laboratory test
13 report that indicates a percentage content of delta-9
14 tetrahydrocannabinol that is greater than 0.3 per cent; provided
15 that:

16 (1) The cultivation or possession contributes to the
17 development of types of industrial hemp that are not
18 more than a delta-9 tetrahydrocannabinol limit of 0.3
19 per cent; or

20 (2) A higher limit is permitted by the Drug Enforcement
21 Administration or the board.



1 §141-G Rulemaking. The board may adopt rules concerning
2 the industrial hemp pilot program and its implementation.

3 §141-H Delta-9 tetrahydrocannabinol analysis; protocol;
4 guidelines. The department of agriculture or the University of
5 Hawaii shall develop protocols or guidelines regarding the time
6 and manner in which the department or university conducts delta-
7 9 tetrahydrocannabinol percentage content analysis of industrial
8 hemp for purposes of this part."

9 SECTION 3. Chapter 141, Hawaii Revised Statutes, is
10 amended by designating sections 141-1 to 141-11 as part I,
11 entitled "General Provisions".

12 SECTION 4. Chapter 712, Hawaii Revised Statutes, is
13 amended by adding a new section to part IV to be appropriately
14 designated and to read as follows:

15 "§712- Industrial hemp. The possession, cultivation,
16 sale, receipt, or transfer of industrial hemp as authorized
17 under part of chapter 141 shall not constitute an offense
18 under this part."

19 SECTION 5. There is appropriated out of the general
20 revenues of the State of Hawaii the sum of \$ or so
21 much thereof as may be necessary for fiscal year 2016-2017 for



1 the establishment of one full-time equivalent (1.00 FTE)
2 position in the department of agriculture to effectuate this
3 Act.

4 The sum appropriated shall be expended by the department of
5 agriculture for the purposes of this Act.

6 SECTION 6. In codifying the new sections added by section
7 2 of this Act, the revisor of statutes shall substitute
8 appropriate section numbers for the letters used in designating
9 the new sections in this Act.

10 SECTION 7. New statutory material is underscored.

11 SECTION 8. This Act shall take effect on January 7, 2059;
12 provided that this Act shall be repealed on July 1, 2021.



S.B. NO.

2659
S.D. 2
H.D. 1
PROPOSED

Report Title:

Industrial Hemp; Agriculture; UH; Pilot Program; Appropriation

Description:

Establishes an industrial hemp pilot program to allow the cultivation of industrial hemp and distribution of its seed in Hawaii through limited activities by the board of agriculture and the University of Hawaii for purposes of agricultural or academic research. Appropriates funds for department of agriculture staff to assist in registration of industrial hemp licensees. Takes effect on 1/7/2059 and sunsets on 7/1/2021.
(HD1 Proposed)

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.



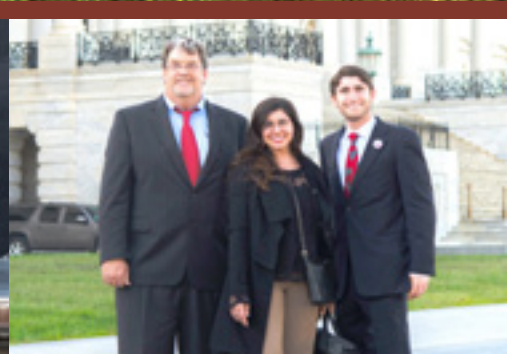


VH

Vote Hemp™



2016 Hemp Update



Congressional Update



23

NEW Industrial Hemp Farming Act cosponsors

New Senate Cosponsors

Sen. Gardner (R-CO), Sen. Daines (R-MT), Sen. Franken (D-MN), Sen. Bennet (D-CO), Sen. Tester (D-MT) & Sen. Baldwin (D-WI)

New House Cosponsors

Rep. Titus (D-NV), Rep. Huffman (D-CA), Rep. Swalwell (D-CA), Rep. Sanford (R-SC), Rep. Whitfield (R-KY), Rep. Benishek (R-MI), Rep. Connolly (D-VA), Rep. Perlmutter (D-CO), Rep. Speier (D-CA), Rep. Walden (R-OR), Rep. Courtney (D-CT), Rep. Lowey (D-NY), Rep. Coffman (R-CO), Rep. Ellmers (R-NC), Rep. Tipton (R-CO), Rep. Davis (R-IL), Rep. Hurt (R-VA) & Rep. Scott (D-VA)



65

H.R. 525 Bipartisan Cosponsors

House Cosponsors

H.R. 525 introduced by Rep. Thomas Massie (R-KY)

- 40 Democrats
- 25 Republicans



10

S. 134 Bipartisan Cosponsors

Senate Cosponsors

S. 134 introduced by Sen. Ron Wyden (D-OR) & Sen. Mitch McConnell (R-KY)

- 5 Democrats
- 4 Republicans
- 1 Independent



289

House members support hemp research

By way of the Massie hemp amendment to the FY 16 CJS Appropriations Act, this is a benchmark number of House members who support hemp's progress in the next year.



Hemp as an Agricultural Commodity

CRS RL32725

Renée Johnson, Specialist in Agricultural Policy

February 2, 2015

Summary: Industrial hemp is an agricultural commodity that is cultivated for use in the production of a wide range of products, including foods and beverages, cosmetics and personal care products, and nutritional supplements, as well as fabrics and textiles, yarns and spun fibers, paper, construction and insulation materials, and other manufactured goods. Hemp can be grown as a fiber, seed, or other dual-purpose crop. Some estimate that the global market for hemp consists of more than 25,000 products. Precise data are not available on the size of the U.S. market for hemp-based products, but current industry estimates report annual sales at more than \$580 million annually.

Hemp Amendments included in FY2016 Omnibus Appropriations Bill

McConnell Amendment to Omnibus

SEC. 739.

None of the funds made available by this Act or any other Act may be used—(1) in contravention of section 7606 of the Agricultural Act of 2014 (7 U.S.C. 5940); or (2) to prohibit the transportation, processing, sale, or use of industrial hemp that is grown or cultivated in accordance with subsection section 7606 of the Agricultural Act of 2014, within or outside the State in which the industrial hemp is grown or cultivated.

Massie Amendment to the CJS Appropriations Act

SEC. 541.

None of the funds made available under this Act may be used in contravention of section 7606 (“Legitimacy of Industrial Hemp Research”) of the Agricultural Act of 2014 (Public Law 113–79) by the Department of Justice or the Drug Enforcement Administration.

USDA Hemp Research Clarification Letter

Congress of the United States
Washington, DC 20515

November 20, 2015

Tom Vilsack
Secretary
United States Department of Agriculture
1400 Independence Ave., S.W.
Washington, D.C. 20250

Dear Secretary Vilsack:

As you know, industrial hemp research pilot programs were authorized under the Agricultural Act of 2014 (P.L. 113-79) when certain conditions are met. Twenty-six states have laws authorizing industrial hemp pilot studies and/or production as made legal by the Agricultural Act of 2014. However, it is our understanding that researchers participating in the industrial hemp pilot programs have received conflicting information from the U.S. Department of Agriculture (USDA) on whether these programs are eligible for federal grant awards from existing USDA funds. Therefore, we are writing to request that you clarify your agency’s authority to award federal funds to eligible industrial hemp research programs.

Hemp is prized throughout the world for its array of industrial uses. Currently, 30 countries grow hemp and the U.S. alone imported millions of dollars of hemp products last year. This presents a real opportunity for farmers and researchers throughout the United States. A 2014 report done by the Congressional Research Service documents the growing market for hemp products and its potential to be an economic driver for our country. Our universities and state departments of agriculture are ready to grow and cultivate this agricultural product, according to current federal and state laws.

Since the 1930s, your agency has supported research on industrial uses of commodities. The Critical Agricultural Materials Act of 1984 and various funding bills have supported funding for the research and development of alternative crops in state laboratories and at your agency. Furthermore, the Agricultural Research, Extension and Teaching Policy Act of 1977 (NAARETPA, 7 U.S.C. §3111(a)) authorizes the USDA to award competitive grants for the development of new commercial products derived from natural plant material for industrial, medical, and agricultural applications.

It appears that USDA has the authority to award competitive grants for the development of industrial hemp. Nevertheless, it seems the USDA has provided conflicting information regarding whether the agency is willing to exercise its authority to award existing federal grant dollars for the research of industrial hemp. It is our understanding that some seeking clarity from the USDA on this issue have been told by USDA officials “it is not worth it to apply,” while on the other hand, an internal USDA memo dated December 23, 2014 seems to indicate that the USDA is supportive of industrial hemp research and therefore may be willing to award funds for that purpose. The memo from National Institute of Food and Agriculture (NIFA) Director Sonya Ramarany to Southern Association of Agriculture Experiment Station Directors Executive

Director Eric Young states: “NIFA supports research on the cultivation of industrial hemp and on cultivated hemp provided such cultivation complies with Section 7606 [of the Agricultural Act].”

Due to this lack of consistency, researchers are reluctant to apply for federal funds because of the large amount of time, effort, and cost that goes into any grant application.

To help provide our constituents with information, we would appreciate answers to the following questions:

1. Does USDA interpret current law as providing the agency with the authority to award existing and competitive federal funds for the research of industrial hemp?
2. If the answer is yes, what steps is USDA taking to disseminate that information and work with interested parties in the competitive grant process?

We look forward to expedient responses to our questions. Thank you in advance for your review of this inquiry.

Sincerely,

Mitch McConnell
Mitch McConnell
U.S. Senator

Ron Wyden
Ron Wyden
U.S. Senator

Jard Polis
Jard Polis
Member of Congress

Thomas Massie
Thomas Massie
Member of Congress

Al Franken
Al Franken
U.S. Senator

Rand Paul
Rand Paul
U.S. Senator

Mark R. Warner
Mark R. Warner
U.S. Senator

Lamar Alexander
Lamar Alexander
U.S. Senator

Michael F. Bennet
Michael F. Bennet
U.S. Senator

Jeff Merkley
Jeff Merkley
U.S. Senator

Steve Daines
Steve Daines
U.S. Senator

Michael F. Bennet
Michael F. Bennet
U.S. Senator

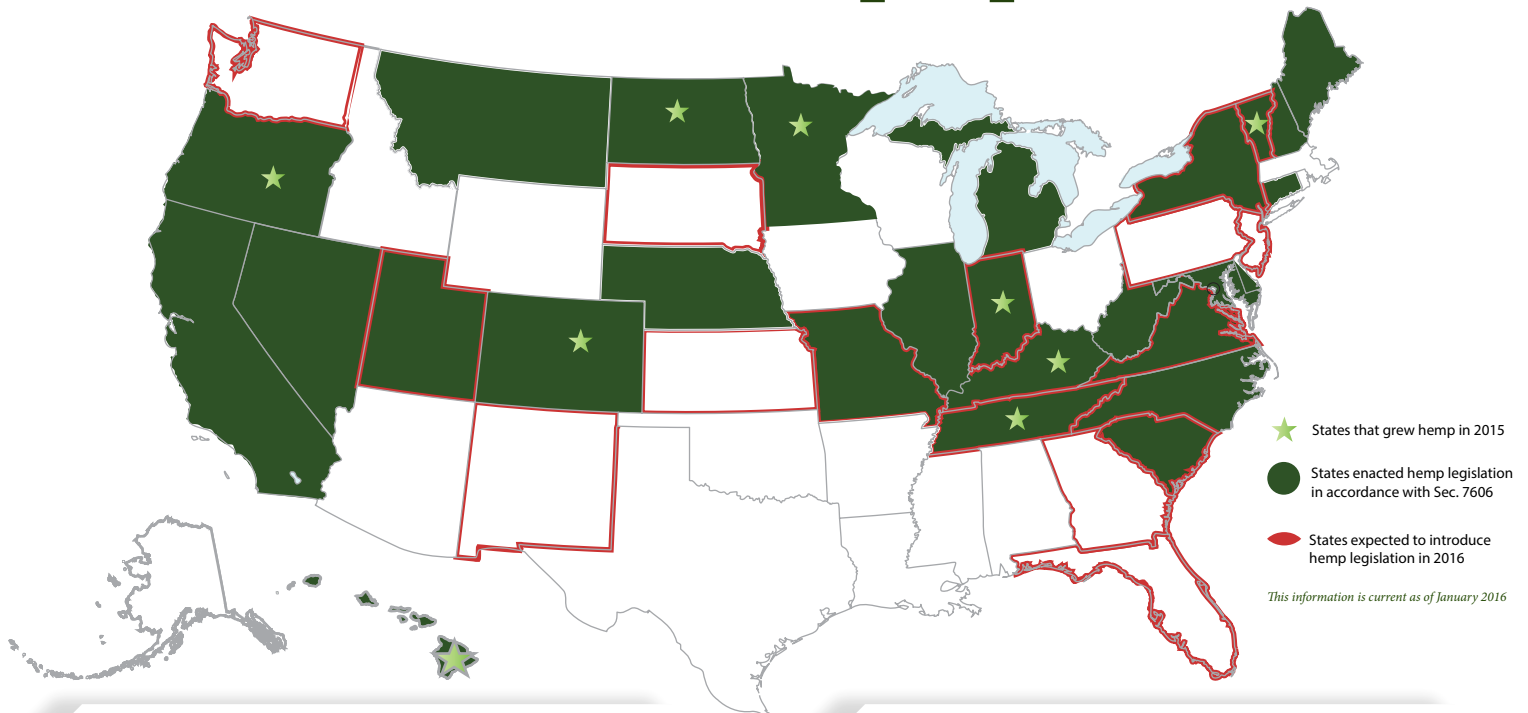
Michael F. Bennet
Michael F. Bennet
U.S. Senator

48



Complete list of Signatories: Sen. Ron Wyden (D-OR), Sen. Mitch McConnell (R-KY), Sen. Lamar Alexander (R-TN), Sen. Michael Bennet (D-CO), Sen. Steve Daines (R-MT), Sen. Al Franken (D-MN), Sen. Cory Gardner (R-CO), Sen. Kirsten Gillibrand (D-NY), Sen. Jeff Merkley (D-OR), Sen. Rand Paul (R-KY), Sen. Brian Schatz (D-HI), Sen. Mark Warner (D-VA), and Reps. Jard Polis (D-CO), Thomas Massie (R-KY), Andy Barr (R-KY), Rod Blum (R-IA), Earl Blumenauer (D-OR), Suzanne Bonamici (D-OR), Steve Cohen (D-TN), Kevin Cramer (R-ND), Rodney Davis (R-IL), Peter DeFazio (D-OR), Diana DeGette (D-CO), Suzan DelBene (D-WA), Sam Farr (D-CA), Morgan Griffith (R-VA), Raúl Grijalva (D-AZ), Brett Guthrie (R-KY), Barbara Lee (D-CA), Ted Lieu (D-CA), Tom McClintock (R-CA), Eleanor Holmes Norton (D-DC), Beto O'Rourke (D-TX), Ed Perlmutter (D-CO), Chellie Pingree (D-ME), Mark Pocan (D-WI), Dana Rohrabacher (R-CA), Tim Ryan (D-OH), Kurt Schrader (D-OR), Marlin Stutzman (R-IN), Eric Swalwell (D-CA), Mark Takai (D-HI), Chris Van Hollen (D-MD), Peter Welch (D-VT), Ed Whitfield (R-KY), John Yarmuth (D-KY), and Ryan Zinke (R-MT).

National Hemp Update



Increased Support in Congress for Industrial Hemp

The 2014 Farm Bill included Sec. 7606, *The Legitimacy of Industrial Hemp Research*, defining industrial hemp and allowing for licensed pilot programs; now underway in nine (9) states. Since then, Congress has doubled-down with strong bipartisan support for industrial hemp farming in the U.S., passing FY 16 CJS appropriations amendments 289-132 and 282-146 in the House and by a voice vote in the Senate Appropriations Committee to stop the DEA and Dept. of Justice from using funds in the contravention of Sec. 7606 hemp programs. Sen. McConnell (R-KY) added language to FY 16 Omnibus Appropriations bill which expands protection for transportation, processing, sale and use of hemp produced in legal hemp states in accordance with Sec. 7606. McConnell's language was included in the FY16 Omnibus Appropriations bill, which passed on 12/22/15 and prohibits the use of funds by any agency including the DEA in contravention of Sec. 7606.

States Rights Around the Country

Since the passage of *The Legitimacy of Industrial Hemp Research* in the Farm Bill, many new states have passed hemp legislation. But because of current federal laws, these states must operate in a legal grey area of uncertainty, where importing viable hemp seed still carries risk of interference from the Drug Enforcement Administration (DEA) & U.S. Customs. In June 2014, the DEA seized over 280 pounds of hemp seed purchased by the Kentucky Department of Agriculture. Further federal action, such as the passage of the Industrial Hemp Farming Act (H.R. 525 & S. 134), is still needed to provide certainty to American farmers and businesses, and for investment in this re-emerging industry.

2015 Crop Report

Colorado - State Licensed & Academic Research

166 Registrants
 3,657 acres approved
 2,300 acres harvested (estimate by CO Dept. of Ag)
 570,980 sf. of licensed indoor cultivation (some was replanted outdoors)
 Participating Universities: Colorado State University

Hawaii - Academic Research Only

Participating Universities: University of Hawaii

Kentucky - Pilot Programs & Academic Research

127 Registrants
 1,742 acres approved
 922.31 acres planted
 Participating Universities: University of Kentucky, Murray State, Eastern Kentucky University, Western Kentucky University, St. Catharine's College, University of Pikeville

Indiana - Academic Research Only

4 acres approved
 4 acres planted
 Participating Universities: Purdue

Oregon - State Licensed & Academic Research

11 Registrants
 50 acres or less planted
 Participating Universities: Oregon State University

Tennessee - Pilot Programs & Academic Research

41 Registrants
 1,400 acres approved
 700 acres planted
 Participating Universities: Middle Tennessee State University, University of Tennessee

Vermont - State Registration & Academic Research

23 Registrants
 20 acres approved
 Participating Universities: University of Vermont



State Hemp Legislation

ALASKA

SB 8
Introduced:
Summary:
Status:

HEMP LEGISLATION IN 2015

1/21/15 by Sen. Ellis
In accordance with Sec. 7606
Judiciary Committee

ARIZONA

SB 1225
Introduced:
Summary:
Status:

HEMP LEGISLATION IN 2015

1/27/15 by Sen. Pancrazi
Creates study committee
Passed Senate 3/5/15

CALIFORNIA

HEMP RESEARCH IS LEGAL



Colorado State University

COLORADO

HEMP RESEARCH & PILOT PROGRAM IS LEGAL

CONNECTICUT

HEMP STUDY IS LEGAL

HR 5780
Introduced: 1/12/15 by Rep. Ziobron & Rep. Carter
Summary: In accordance with Sec. 7606
Status: Governor signed 7/2/15

DELAWARE

HEMP RESEARCH & PILOT PROGRAM IS LEGAL

FLORIDA

HEMP LEGISLATION PENDING

SB 554
Introduced: 10/23/15 by Sen. Clemens
Summary: In accordance with Sec. 7606
SB 1608 | HB 1257
Introduced: 1/8/16 by Sen. Montford & Rep. Dudley
Summary: Authorizes FAMU to develop Hemp Research Compliance Program & Rulemaking

GEORGIA - HB704

HEMP LEGISLATION PENDING

Introduced: 4/2/15 by Rep. Pezold
Summary: In accordance with Sec. 7606



*University of Hawaii
60 day old hemp crop - July 2015*

HAWAII

HB 508 SD2
Introduced:
Summary:

HEMP RESEARCH IS LEGAL

1/26/15 by Rep. Onishi
In accordance with Sec. 7606

ILLINOIS

HEMP RESEARCH & PILOT PROGRAM IS LEGAL



*Purdue University
hemp field day*

INDIANA

HB 1181
Introduced:
Summary:

HEMP RESEARCH IS LEGAL

1/12/15 by Rep. Lehe
Refines policies & creates study committee for hemp extract.
Governor signed 5/4/15

IOWA

SSB 1260
Introduced:
Summary:
Status:

HEMP LEGISLATION IN 2015

3/4/15 by Sen. Seng
Study legislation
No Action

HF 470

Introduced:
Summary:
Status:

3/4/15 by Rep. Forbes
Hemp production
No Action

KANSAS HEMP LEGISLATION PENDING
Note: Rep. Dove expected to introduce bill



*University of Kentucky
hemp field day*

KENTUCKY HEMP RESEARCH &
PILOT PROGRAM IS LEGAL

MAINE HEMP RESEARCH IS LEGAL

LD 4
Introduced: 1/7/15 by Rep. Sanderson
Summary: Amends MRSA §2231 to
promote industrial hemp
Status: Senate overrides Governor's
veto 6/16/15. **Became Law 6/16/15**

MARYLAND HEMP IS ILLEGAL UNTIL
INDUSTRIAL HEMP FARMING ACT
PASSES

HB 803
Introduced: 2/13/15
Summary: Hemp production
Status: **Governor signed 5/12/15**

MICHIGAN HEMP RESEARCH IS LEGAL



University of Minnesota

MINNESOTA HEMP RESEARCH &
PILOT PROGRAM IS LEGAL

Omnibus Agriculture, Environment
& Natural Resources Appropriations Bill
Introduced: 6/12/15 by Sen. Tomassoni;
Representatives McNamara, Hamilton
and Davids
Summary: In accordance with Sec. 7606
Status: **Governor signed 6/13/15**

HF 14
Introduced: 6/12/15 by Rep. Hamilton
Summary: Amends for policy & changes
Status: Introduced for 2016

MISSOURI HEMP RESEARCH IS LEGAL
HJR 57
Introduced: 12/1/15 by Rep. Ellington
Summary: Constitutional Amendment to enact hemp legislation
regarding the cultivation, processing & sale of
industrial hemp by 7/1/19

HB 2038
Introduced: 1/7/16 by Rep. Curtman
Summary: Allows Dept. of Ag to license hemp growers
& criminalizes unlicensed hemp growers

MONTANA HEMP RESEARCH &
PILOT PROGRAM IS LEGAL

NEBRASKA HEMP RESEARCH &
PILOT PROGRAM IS LEGAL

NEVADA HEMP RESEARCH &
PILOT PROGRAM IS LEGAL

SB 305
Introduced: 3/16/15 by Segerblom
Summary: In accordance with Sec. 7606
Status: **Governor signed 6/4/15**

NEW HAMPSHIRE HEMP STUDY IS LEGAL

NEW JERSEY HEMP LEGISLATION PENDING
Note: Assemblyman Gusciora expected to
introduce hemp bill.

NEW MEXICO HEMP LEGISLATION PENDING
SB 3 | HB 148
Introduced: 12/15/15 by Sen. McSorley & Rep. Gomez
Summary: Authorizes hemp research within
the scope of the Farm Bill

NEW YORK HEMP RESEARCH IS LEGAL
A 8334
Introduced: 1/6/16 by Rep. Lupardo
Summary: Amends law to allow for hemp cultivation
to be within the scope of the Farm Bill

NORTH CAROLINA HEMP RESEARCH &
PILOT PROGRAM IS LEGAL
SB 313
Introduced: 3/17/15 by Senator's Bingham; Hise & Waddell
Summary: Creates Hemp Commission to establish &
oversee a growers licensing program, which
must be funded & also decriminalizes the
production and use of industrial hemp upon the
completion of rulemaking by the Board of Ag.
Status: **Became law without signature 10/31/15**



*North Dakota State University
hemp field day*



*Middle Tennessee State University
hemp field day*

NORTH DAKOTA **HEMP RESEARCH &
PILOT PROGRAM IS LEGAL**

SB 2145
Introduced: 1/8/15 by Senator's Davison; Luick;
Oban & Poolman
Summary: Background check for licensing
Status: **Governor signed 4/1/15**

OREGON **HEMP RESEARCH &
PILOT PROGRAM IS LEGAL**

PENNSYLVANIA **HEMP LEGISLATION PENDING**

SB 50
Introduced: 2/12/15 by Sen. Schwank &
Sen. Folmer
Summary: Est. a board to act in accordance
with SEC 7606
Status: Referred to Appropriations

RHODE ISLAND **HEMP LEGISLATION IN 2015**

HB 6177 | SB 990
Introduced: 5/7/15 by Rep. Keable &
Sosnowski
Summary: Provides a definition for "CBD-Rich
Hemp Oil" to legalize cannabidiol
and industrial hemp
Status: Passed House 6/18/15

SOUTH CAROLINA **HEMP RESEARCH &
PILOT PROGRAM IS LEGAL**

H 4340
Introduced: 6/4/15 by Rep. Home & Rep. King
Summary: Amends Chp. 55, Title 46
Status: Referred to Medical, Military, Public
& Municipal Affairs committee

SOUTH DAKOTA **HEMP LEGISLATION
PENDING**

HB 1054
Introduced: 1/15/16 by Rep. Verchio
Summary: Authorizes the production & sale of hemp
Status: Passed House Ag & Natural Resources Committee

TENNESSEE **HEMP RESEARCH &
PILOT PROGRAM IS LEGAL**

SB 1611
Introduced: 1/13/16 by Sen. Niceley
Summary: Designates that the Dept. of Ag license processing
facilities & any state 4-year university/college to
develop foundation hemp seed for
Federal Seed Act Certification

TEXAS **HEMP LEGISLATION IN 2015**

HB 557
Introduced: 12/19/14 by Rep. Farias
Summary: Allows academic institutions to
participate in accordance with
Sec. 7606
Status: Place on General Calendar - No Action

UTAH **HEMP RESEARCH &
PILOT PROGRAM IS LEGAL**

VERMONT **HEMP RESEARCH &
PILOT PROGRAM IS LEGAL**

VIRGINIA **HEMP RESEARCH IS LEGAL**

HB 1277
Introduced: 7/21/14 by Del. Yost
Summary: Academic pilot program
Status: **Governor signed 3/17/15**

HB 699
Introduced: 1/11/16 by Rep. Patron & Rep. Pogge
Summary: Authorizes hemp research within the
scope of the Farm Bill

WASHINGTON **HEMP LEGISLATION
PENDING**

SB 6206
Introduced: 1/12/16 by Sen. Hasegawa
Summary: Designates Washington State University
as the research institution authorized to
conduct a full feasibility study

SB 5012
Introduced: 12/15/14 by Sen. Hatfield &
Sen. Honeyfield
Summary: Authorizes the growing of
industrial hemp in the state by
adding to Title 15 RCW 69.50.204
Status: By resolution, reintroduced &
retained in present status, 6/28/15

WEST VIRGINIA **HEMP RESEARCH &
PILOT PROGRAM IS LEGAL**

WISCONSIN **HEMP LEGISLATION IN 2015**

AB 215
Introduced: 5/14/15 by Rep. Cosdine
Summary: In accordance with Sec. 7606
Status: Referred to State Affairs &
Government Operations Committee

VH

Vote HempTM
www.VoteHemp.com



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LATE

From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 21, 2016 2:47 PM
To: JUDtestimony
Cc: judygrodan@gmail.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/21/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Judith Jarvie	Individual	Support	No

Comments: Aloha Chairman Rhoads, Vice Chair, San Buenaventura -- I support SB 2659 SD2. This is a bill to allow Hawaii farmers to grow industrial hemp and participate in statewide agricultural research on hemp. I understand there has been a request by A&B to limit this bill to one single test site. I respectfully request that you will honor the purpose of the original bill-- to allow all farmers throughout the state to apply for permits to grow industrial hemp and participate in a statewide agricultural study on hemp production in Hawaii. Per Dr. Harry Ako, lead researcher on the current industrial hemp pilot program, stated, "We need to allow for multiple grow permits statewide in the different climate zones we are blessed with. Our environmental diversity is the very reason we need to do large scale research." Please let the bill's current language allow for statewide planting of hemp for research -- administered and regulated by the HDOA. Respectfully, Judith M. Jarvie

Please note that testimony submitted less than 24 hours prior to the hearing, 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.

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SB2659

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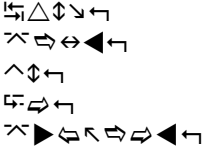
Submitted By	Organization	Testifier Position	Present at Hearing
Judith Jarvie	Individual	Support	No

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LATE



Charlotte Farmer
Monday, March 21, 2016 3:16 PM
JUDtestimony
'harry ako'
Testimony in Strong Support of SB2659

Dr. Harry Ako asked that send you his testimony for SB2659 which will be heard tomorrow in Judiciary at 2 p.m.

My name is Harry Ako and I did the research on hemp. I am a retired professor and researcher. I strongly support having multiple growers of hemp. In part this is human. They supported hemp because they thought they could use it to improve their lives. I return their support.

There is another reason. One cannot tell how something new will work out. Fiber for hempcrete and home construction, leaves for animal forage and "grass fed" beef, or seeds to be made into cookies, salad toppings, or candies. These will provide multiple tries at economic enhancement.

I support having a partner for CTAHR in the bill. While they have a mission of agricultural research, they opposed the hemp project originally and have no expertise in hemp at present. A broader management team would also probably conserve environmental resources better, therefore I feel it is important that the Department of Agriculture take the lead on Hawaii's next industrial hemp project.

*Charlotte Farmer
Office Manager
Representative Cynthia Thielen
Assistant Minority Floor Leader
50th District (Kailua, Kaneohe Bay)*

*Hawai'i State Capitol
415 S. Beretania St., Room 443
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LATE

March 22, 2016

Representative Karl Rhoads, Chair
Representative Joy A. San Buenaventura, Vice Chair
Committee on Judiciary

Comments, and Proposed Amendments to SB 2659, SD2, Relating to Industrial Hemp (Establishes an industrial hemp pilot program to allow the cultivation of industrial hemp and distribution of its seed in Hawaii through limited activities by the Board of Agriculture (BOA) for purposes of agricultural or academic research. Appropriation for Department of Agriculture (DOA) staff to assist in registration of licensees.)

JUD Hearing: Tuesday, March 22, 2016, 2:00 p.m., Conf. Rm. 325

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

LURF appreciates the opportunity to express its **comments, concerns, support of intent and amendments proposed by A&B to SB 2659, SD2.**

LURF's Position. LURF understands that industrial hemp is well suited to Hawaii's climate and soil and can grow to maturity in a short period of time; reportedly has over 25,000 uses, including food, fiber, and fuel products; and appears to have high potential to contribute to the future viability of the State's agricultural industry.

LURF **supports the amendments to this measure proposed by A&B** to simplify this bill, provide flexibility to the DOA, and to address the fact that industrial hemp (like marijuana) is included on Schedule 1 of the Federal Controlled Substances Act, and following issues: (1) approvals by the Drug Enforcement Administration or BOA, if the THC levels of the industrial hemp exceed the 0.3% limit; (2) the involvement of the University of Hawaii, to comply with the requirements of the 2014 U.S. Farm Bill; and (3) limiting the pilot program to one test site.

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

LATE

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, March 22, 2016 10:41 AM
To: JUDtestimony
Cc: OccupyHiloMedia@yahoo.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/22/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Kerri Marks	Individual	Support	No

Comments: hemp had been cultivated for tens of thousands of years before drug prohibition got in the way. strong support. please pass this bill.

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LATE

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, March 22, 2016 10:27 AM
To: JUDtestimony
Cc: ktk@biodiesel.com
Subject: Submitted testimony for SB2659 on Mar 22, 2016 14:00PM

SB2659

Submitted on: 3/22/2016

Testimony for JUD on Mar 22, 2016 14:00PM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Kelly King	Individual	Support	No

Comments: As has been stated by my good friend and colleague, Michael Bowman, Chair of the National Hemp Association, "... on the opportunities in bringing this crop back to the islands. The potential for hemp is only limited by the imagination of your producers - and the willingness of this committee to empower those producers. Industrial Hemp represents vast markets for Food, Feed, Fuel, Fiber and Farma; Hawaii offers significant advantages for production of the crop over any other US state."

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