

**DAVID Y. IGE**  
Governor

**DOUGLAS S. CHIN**  
Lt. Governor



State of Hawaii  
**DEPARTMENT OF AGRICULTURE**  
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Honolulu, Hawaii 96814-2512  
Phone: (808) 973-9600 FAX: (808) 973-9613

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

**PHYLLIS SHIMABUKURO-GEISER**  
Deputy to the Chairperson

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

**BEFORE THE HOUSE COMMITTEES ON ENERGY & ENVIRONMENTAL PROTECTION  
AND AGRICULTURE**

**FEBRUARY 8, 2018  
10:30 A.M.  
CONFERENCE ROOM 325**

**HOUSE BILL NO. 2721  
RELATING TO ENVIRONMENTAL PROTECTION**

Chairperson Lee, Chairperson Creagan and Members of the Committees:

Thank you for the opportunity to testify on House Bill No. 2721. The Hawaii Department of Agriculture has strong reservations about this measure.

The bill's requirement for prior public notification of outdoor pesticide applications of any pesticide, whether restricted use pesticide or not, exceeds EPA label requirements without apparent scientific basis. The Bill's requirement for recordkeeping and annual pesticide use reporting for all outdoor applications to the Department for public posting will necessitate hiring of additional Department staff to handle this reporting activity. Hiring of new staff and maintenance of such a databank would be a strain on existing state funds and would divert limited staff resources from primary enforcement responsibilities. The commercial agricultural entities required to submit this pesticide use information may claim that some of the required information is confidential business information protected from public disclosure under section 92F-13(3), HRS, of the Uniform Information Practices Act, also known as the State public records law. If the determination is made that the confidentiality claim is justified, that information could not be publicly disclosed.

The Department submits that language in this bill seems to target a segment of the farming community. Although the expressed mission of this bill is to protect children from



exposure to pesticides, this bill targets only one segment of the community that uses pesticides. Cases involving potential pesticide exposures to children in or near schools have been mainly due to pesticide use by homeowners and landscapers. This bill does not seem to address the primary route of exposure that poses the highest risk. Agricultural RUP sales accounted for less than 20% of all RUP sales in the state in 2017.

Beginning in January 2017, “large farm” entities across the state began participating in the Good Neighbor Program, reporting use of restricted use pesticides to the Department on a monthly basis. This information has been updated monthly on the Department’s website. Businesses that participate in this include Dow Agro, DuPont Pioneer, Hartung Brothers, Monsanto, Mycogen, Beck’s Superior Hybrids, and Kauai Coffee. Syngenta and BASF participated until the businesses were closed. “Large” businesses like these may be able to afford the time and manpower to meet these requirements, but it will likely cause a huge burden to our small farms that choose to purchase and use RUPs. Between the years 2015 - 2017, almost 100 additional locally owned farms would meet or exceed the requirements in this Bill to qualify for mandatory reporting and disclosure, purchasing 36% of all Agricultural RUPs. Another 10% was purchased by larger locally owned farms and nurseries. The largest users during this time were pineapple and sugarcane farms, although in 2016 and 2017 this number dropped dramatically due to the closure of the last sugar plantation in the State. During this time period, the seed industry only accounted for 4% of all agricultural RUP sales. Although the intent of this bill may be to target “large” agribusiness, these entities are currently complying with voluntary reporting, and it will be the locally owned farms, especially the smaller farms that will be the most impacted by this Bill.

Thank you for the opportunity to testify on this measure.

**HB-2721**

Submitted on: 2/7/2018 8:25:34 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Gary Hooser	Kauai County Council	Support	Yes

## Comments:

HB 2721 RELATING TO ENVIRONMENTAL  
PROTECTION.EEP/AGR 325 Feb 8, 2018 10:30  
AM

Testimony in strong support of HB2721 - Establishes disclosure and public notification requirements for outdoor application of restricted use pesticides in various areas.

**I strongly encourage members of the committee to take the time needed to click and read the below piece on birth defects and pesticide use.** Please click through also to read the actual email from a Kauai physician who believes there is 10x the rate of certain birth defects in the Kauai Veterans Memorial Hospital located on Kauai's west side. Click through also to the website of the law firm currently preparing a class action law suit on this very same issue.

<https://garyhooser.wordpress.com/2017/11/29/pesticides-birth-defects-who-do-you-believe/>

**Please - take the time to read the above and if possible the below related sources as well. I trust after doing so, you will agree that regulation mandating disclosure and these modest buffer zones, are both reasonable and necessary actions needed to begin dealing with this important issue.**

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Multiple sources confirm a strong association between pesticide exposure and birth defects:

**The United States Environmental Protection Agency:** "Exposure to a variety of pesticides have been linked to increased risk of birth defects."

**American Pregnancy Association:** "If you discover you are pregnant and you live near an agricultural area where pesticides are being used, it is advised you remove yourself to avoid exposure to these chemicals."

**National Institute of Health:** "A significant association was found between the season of elevated agrochemicals and birth defects."

**American Academy of Pediatrics:** “Chronic toxicity end points identified in epidemiologic studies include adverse birth outcomes including preterm birth, low birth weight, and congenital anomalies, pediatric cancers, neuro- behavioral and cognitive deficits, and asthma.”

The May 25, 2016 State/County Joint Fact Finding Group concluded: **“there is simply not enough information** to definitively conclude if its [pesticides] use by the seed companies plays any adverse role in the health of Kauai’s residents or environment.” **The report recommends increased testing, studies, buffer zones and other common-sense measures. Testing and proper studies cannot be conducted without disclosure as to what is being used.**

**In Hawaii, those who apply Restricted Use Pesticides** in fields near communities, parks, schools and roadways, **are not required to disclose** which pesticides they are applying, the location, date, or time in which they are applied, **thus making it impossible for any individual to make a truly informed decision.**

**Families living near farming areas experience greatly increased rates of health disorders.** This is the conclusion from the following report summarizing more than 25 peer reviewed scientific studies on this topic over the past 30 years. Illnesses found to occur at higher rates *for people living close to agriculture* include birth defects, brain cancer, autism, infertility, miscarriage, Parkinson's Disease, immune system damage, leukemia, developmental brain damage in children, higher rates of child cancers, non-Hodgkin's lymphoma, autoimmune disorders, arthritis, lupus and diabetes.  
<https://www.chem-tox.com/agriculture/index.htm> (cites numerous studies and research)

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Schools Our  
Keiki Deserve

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808-351-0980  
808-627-0193

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1488 Glen Ave.  
Wahiawā

## HB 2721 - Support for Sustainable and Organic Agriculture

Dear Chair Lee, Chair Creagan, and Members of the Committees:

I am writing in strong support of SB 2721 which makes the reporting guidelines of the Kauai agricultural good neighbor program mandatory for restricted pesticide use across the state; and establishes disclosure and public notification requirements for outdoor applications of pesticides.

I am a high school teacher in a leadership position that has allowed me to travel to schools all across the state, and we have MANY schools in our rural areas where our children are exposed to these dangerous chemicals on a regular basis. The Kaua'i Joint Fact Finding Study group determined that the State's regulation of pesticides has failed to protect our residents. The report urges the State to protect us from exposure to pesticides and to do a better job of monitoring their use.

The time for such actions is now. The people of Hawai'i have the right to live free from the fear that industry will harm their health and safety.

Let's spend our policy-making energy trying to figure out how to serve working families in Hawaii - and pursuing the *common good*.

Sincerely,

Dr. Amy Perruso  
Executive Director



## Board of Directors

TESTIMONY FROM BENNETTE MISALUCHA, EXECUTIVE DIRECTOR

### President

Alan Takemoto

### **In Opposition to HB 2721 Relating to Environmental Protection**

### Vice-President

Joshua Uyehara

HOUSE COMMITTEES ON ENERGY & ENVIRONMENTAL PROTECTION AND AGRICULTURE

February 8, 2018, 10:30 a.m.

Conference Room 325

### Secretary

Dawn Bicoy

Chairs Lee and Creagan and members of the committees:

### Treasurer

Laurie Yoshida

HCIA is a Hawaii-based non-profit organization that promotes modern agriculture to help farmers and communities succeed. Through education, collaboration, and advocacy, we work to ensure a safe and sustainable food supply, support responsible farming practices, and build a healthy economy.

### Directors-at-Large

Adolf Helm

Mark Stoutemyer

Dan Clegg

Gene Harrington

HCIA **opposes HB 2721**, which establishes disclosure and public notification requirements for outdoor application of restricted use pesticides in various areas.

### President Emeritus

Kirby Kester

Evidence outlined by the Hawaii Department of Agriculture and the Kauai Joint Finding Study Group (JFF) does not support the need for additional notification requirements as outlined in HB 2721.

### Executive Director

Bennette Misalucha

The JFF found no evidence of health or environmental impacts associated with pesticide use. Numerous other studies and investigations conducted by the Hawaii Department of Agriculture and Department of Health further outline why these proposed requirements are overreaching, many of which were reinforced in a Dec. 11, 2017 info briefing on the JFF:

- No significant trends of birth defects on the island of Kauai have been identified, as studied by the Hawaii State Department of Health.
- A report prepared by the Hawaii Tumor Registry for the Hawaii State Department of Health concluded that there is no evidence of higher incidence of cancer on the island of Kauai overall or for specific geographic regions of the island, as compared to the state of Hawaii.<sup>1</sup>
- A State Department of Health study of 136 different pesticides in surface water samples from 24 sites across the state found only a trace detection of pesticides,

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<sup>1</sup> *Kauai Cancer Cases Report, prepared by the Hawaii Tumor Registry for the Hawaii State Department of Health (April 2013 / revised September 2013)*



with the majority representing minute concentrations that fall far below state and federal benchmarks for human health and ecosystems.<sup>2</sup>

- In 2016, the Kauai Department of Water tested four water sources for pesticides and found no concentrations above federal benchmarks of any of the 525 pesticides/herbicides, including chlorpyrifos.<sup>3</sup>
- A Hawaii Department of Agriculture Pesticide Branch investigation into 16 school evacuations over 8 years due to complaints about pesticides found that none of the incidents were due to activities of seed companies.<sup>4</sup>

The toxicity of each pesticide to humans and the environment is carefully evaluated by the U.S. Environmental Protection Agency before allowing it to be sold for use. EPA's regulatory oversight of all pesticides manufactured in, imported to, and used in the U.S. includes not only the science-based review and decision-making process but also oversight to ensure compliance with all federal laws and regulations related to pesticides. To require additional notifications and reporting is unnecessary and places increased costs on farmers, at a time when agriculture is already besieged by other challenges.

Furthermore, notification programs have proven to be both ineffective for surrounding communities and detrimentally imposing on agricultural entities. Many participants in pilot notification programs opt out due to overwhelming notification receipts. This is not due to a high volume of applications, but to the process required to apply properly.

A majority of applications are scheduled because of spot checking. This allows farmers to be judicious in their spraying and to use only the chemistries necessary for the pests that are present. Waiting twenty-four hours to address specific pest concerns can be detrimental to producing positive yields. Additionally, weather plays a major part in the application process. For example, if the wind were to accelerate past an acceptable rate just before or during an application, the application would have to be rescheduled. To require an additional notification period would place undo restrictions on farmers, potentially devastate crop yields, and inundate recipients with updated application notifications.

Rather than create new and arbitrary laws that will make it more difficult for farmers to stay in business in Hawaii, we support the concepts in other pesticide-related bills introduced this session that would give the Hawaii Department of Agriculture increased

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<sup>2</sup> Letter from Gary Gill, Deputy Director, Environmental Health, Hawaii Department of Health regarding synopsis of statewide scan to identify presence of pesticides in environment (May 20, 2014)

<sup>3</sup> Memo from Kirk Saiki, Manager-Chief Engineer, Department of Water County of Kauai to Councilmember Gary Hooser regarding request for data regarding testing for chlorpyrifos (March 29, 2016)

<sup>4</sup> Memorandum to Scott E. Enright, Chairperson, Board of Agriculture from Ken H. Kakesako, Legislative Coordinator regarding Information Requested by School Evacuations Due to Pesticide Drift (March 3, 2015)



funding and capacity to more effectively perform their roles, including pesticide education. We believe that a strong state pesticide regulatory program is essential to assuring the public that pesticide products are used properly.

Thank you for the opportunity to submit this testimony.

Respectfully submitted,

Bennette Misalucha  
Executive Director



**HB-2721**

Submitted on: 2/6/2018 6:52:13 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Harriet Witt	Maui Farmers Union United	Support	No

Comments:

For the health of our citizens and our economy, please support this bill



**Testimony to the House Committees on Energy & Environmental Protection  
and Agriculture**

**Thursday, February 8, 2018 at 10:30 A.M.  
Conference Room 325, State Capitol**

**RE: HOUSE BILL 2721 RELATING TO ENVIRONMENTAL PROTECTION**

Chairs Lee and Creagan, Vice Chairs Lowen and DeCoite, and Members of the Committee:

The Chamber of Commerce Hawaii ("The Chamber") **opposes** HB 2721, which establishes disclosure and public notification requirements for outdoor application of restricted use pesticides in various areas.

The Chamber is Hawaii's leading statewide business advocacy organization, representing about 1,600+ businesses. Approximately 80% of our members are small businesses with less than 20 employees. As the "Voice of Business" in Hawaii, the organization works on behalf of members and the entire business community to improve the state's economic climate and to foster positive action on issues of common concern.

While we appreciate the intent of this measure to ensure public safety, we believe this bill is not necessary and will only result in additional cost to farmers and the state, and be ineffective in its goal. This bill would also negatively impact commercial agricultural operations and the overall farming community.

Thank you for the opportunity to testify.

**HB-2721**

Submitted on: 2/6/2018 7:15:54 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Tony Sylvester	The Society for Hawaii Heritage Animals	Oppose	No

Comments:



SIERRA CLUB OF HAWAI'I  
MĀLAMA I KA HONUA. *Cherish the Earth.*

**HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION**

**HOUSE COMMITTEE ON AGRICULTURE**

Thursday, February 8, 2018 10:30AM Room 325

**In SUPPORT HB 2721** Relating to Environmental Protection

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Aloha Chairs Lee and Creagan, Vice Chairs Lowen and DeCoite, and members of the Committees,

On behalf of our 20,000 members and supporters, the Sierra Club of Hawai'i, a member of the Common Good Coalition, **STRONGLY SUPPORTS HB 2721**, which establishes disclosure and public notification requirements for outdoor application of restricted use pesticides in various areas.

Since 1968, the Sierra Club of Hawai'i has been working to protect the unique natural and cultural resources of our islands to ensure a clean and safe environment for generations to come. We support efforts that not only keep Hawai'i's fragile island ecosystems healthy and resilient, but also take care of the health and vibrancy of our communities. We, along with the legislature and residents of Hawai'i, find that a significant amount of pesticides continue to be released into Hawai'i's fragile environment, especially affecting those residing within or nearby spray zones. This poses significant health risks to residents, particularly developing children<sup>1</sup>, as well as farmers and ag land workers, and creates run-off that pollutes nearby waterways and nearshore environments. Scientists have definitively linked pesticides, such as chlorpyrifos, to developmental delays in children, as well as other toxic exposures to pesticides during fetal, neonatal, and infant life, that will disrupt critical development processes. Life-long pesticide exposure for those living in exposed areas have been linked to long-term health effects, including cancer and other serious diseases, decreased cognitive function, and behavioral problems.

**We believe this is common sense legislation** to establish pesticide disclosure, require public notification, and continue to move forward in the regulation of restricted pesticide use.

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<sup>1</sup> [Kids on the Frontline: How pesticides are undermining the health of rural children \(2016\)](#)

For those living in urban Honolulu, or other urban cities, exposure to pesticides are limited when compared with other rural based Hawai'i residents battling exposure 2 out of every 3 days. Hawai'i's urban cities do not experience the challenges faced by rural Kaua'i primary and secondary schools, who suffer the active spraying from nearby agrochemical companies on ag lands. The pesticide drift crosses on to school properties, without warning, and negatively impacts young children, teachers, and other staff members. The lack of warning does not give ample time for students and teachers to go indoors, close windows, or ensure any kind of safe protection. The least we can do in this situation is require the agrochemical companies to provide warning and notification of when pesticides will be sprayed, types of pesticides to be exposed, and for public warning signs to be posted in the affected zones.

The United States Environmental Protection Agency classifies pesticides as restricted-use pesticides if they are determined to cause "unreasonable adverse effects on the environment" when used "without additional regulatory restrictions." The legislature and public also find that information pertaining to the use of pesticides, including intensive use, within the State is not readily available to the public. This lack of transparency to the public is a huge issue and needs to be confronted this legislative season. **We cannot wait for agrochemical companies to volunteer annual reporting, we must require mitigation and regulate their adverse effects on surrounding communities.**

We **strongly support** this bill and thank you very much for the opportunity to provide testimony on such a critical issue.



P.O. Box 253, Kunia, Hawai'i 96759  
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e-mail [info@hfbf.org](mailto:info@hfbf.org); [www.hfbf.org](http://www.hfbf.org)

February 8, 2018

HEARING BEFORE THE  
HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION  
HOUSE COMMITTEE ON AGRICULTURE

**TESTIMONY ON HB 2721**  
RELATING TO ENVIRONMENTAL PROTECTION

Room 325  
10:30 AM

Aloha Chairs Lee and Creagan, Vice Chairs Lowen and DeCoite, and Members of the Committees:

I am Randy Cabral, President of the Hawaii Farm Bureau (HFB). Organized since 1948, the HFB is comprised of 1,900 farm family members statewide, and serves as Hawaii's voice of agriculture to protect, advocate and advance the social, economic and educational interests of our diverse agricultural community.

**The Hawaii Farm Bureau opposes HB 2721**, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

**HFB respectfully opposes this bill for the following reasons:**

**Pesticides are being used safely and are already strictly regulated**

- Pesticides are only registered by the U.S. EPA after thorough vetting for safety, including ensuring protection of communities and sensitive populations. EPA has the expertise to evaluate pesticide products and conducts comprehensive evaluations and periodic re-evaluations of each pesticide before allowing it to be sold and used.
- Farmers in Hawaii, like those around the world, use pesticides to protect their crops. These products are strictly regulated by the U.S. EPA and the State Department of Agriculture and are being used safely.
- If there are *any* allegations that a farmer is not adhering strictly to the many mandatory safe usage rules, DOA, and at times even EPA enforcement agents arrive promptly at the farm to conduct an exhaustive investigation and enforcement.

**Unjustified, arbitrary, and non-uniform farming requirements will cause more Hawaii farmers to go out of business**

- For many reasons completely out of their control, farmers in Hawaii are already at an overwhelming disadvantage compared to mainland and foreign farmers. Hawaii is one of the most difficult places in which to farm for a living.
- Unjustified and non-uniform farming requirements will cause more farmers to go out of business at a time when the public is demanding more food security and sustainability, and protection of agricultural land from urban development.
- Hawaii is one of the best places on earth for proliferation of destructive and dangerous insects and diseases. Farmers and others must use Integrative Pest Management practices that include the judicious use of pesticides, when appropriate.

#### **There is no evidence to support the need for this bill**

- There is no evidence to support the claims made in this bill. Environmental monitoring of air, drinking water, and surface water have demonstrated that pesticides are **not** causing health or environmental impacts in our state.
- There is no justification for these additional and burdensome requirements on our farmers. The Hawaii DOA and DOH are continuing environmental monitoring to obtain more data to add to the previous studies.
- The cost of sharing product and specific use information and potential litigation will substantially increase farmers' costs without any increase in public safety.
- Other states have considered the proposed requirements and have rejected them **due to the lack of benefit to the public** and prohibitive cost to farmers and the state.
- A DOA review of the few pesticide drift incidents near Hawaii's schools over the last decade, found that farmers' use of pesticides was not the problem.
- The voluntary Good Neighbor Program for large agricultural operations has been successful and there is no justification for making it mandatory.

#### **Let's take real and proactive measures to protect children and others from pesticide exposure**

- If the purpose of this measure is to merely to warn the public about possible pesticide exposure, we should instead, focus efforts on ensuring that exposures do not occur.
- Integrated Pest Management program should be implemented at schools. Schools themselves are not required to post notices regarding their own pesticide applications or to notify parents in advance.
- Adequate funding should be allocated for UH and HDOA programs to provide additional education and training to farmers, especially immigrant farmers, on effective Integrated Pest Management systems.
- Since pesticide poisonings are often due to homeowners' lack of diligence in storing products away from their children, State pesticide safety programs are being reinvigorated to help prevent these accidents.

HFB is concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for your careful consideration of our comments **in opposition to this bill**, and for your support of Hawaii's farmers and ranchers.

**LATE**

**HB-2721**

Submitted on: 2/7/2018 7:47:43 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jasmine Joy	Beelieve Hawaii	Support	Yes

Comments:

In order to reverse pollinator declines, we must limit the amount of pesticide use and be aware of the areas that are being sprayed.



February 8, 2018

To: Representative Chris Lee, Chair  
Representative Nicole E. Lowen, Vice Chair  
House Committee on Energy & Environmental Protection

Representative Richard P. Creagan, Chair  
Representative Lynn DeCoite, Vice Chair  
House Committee on Agriculture

From: Mandy Finlay, Director of Public Policy  
Hawaii Children's Action Network

Re: **HB 2721 – Relating to Environmental Protection**  
**Hawaii State Capitol, Room 325, February 8, 2018, 10:30 AM**

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**On behalf of Hawaii Children's Action Network (HCAN), we are writing to support HB 2721, which would establish disclosure and public notification requirements for outdoor application of restricted use pesticides.**

Hawaii currently lacks the regulation to effectively monitor the health impact of pesticides on our keiki. This is problematic, as exposure to certain pesticides has been shown to negatively affect children's neurodevelopment. For example, there is a wealth of evidence linking exposure to chlorpyrifos to adverse health outcomes in children, which may be related to longer-term neuropsychological and motor problems. This bill would address the lack of publicly available data by implementing the recommendations of the Joint Fact Finding Study Group's report to make the reporting guidelines of the Kauai agricultural good neighbor program mandatory for restricted pesticide use across the State, and to establish disclosure and public notification requirements for outdoor applications of pesticides.

**For these reasons, HCAN respectfully requests your committees to support this measure.**

*HCAN is committed to building a unified voice advocating for Hawaii's children by improving their safety, health, and education.*

**LATE**

**HB-2721**

Submitted on: 2/7/2018 8:37:34 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Blake WAtson	GMO Free Hawai'i Island	Support	No

Comments:

Dear EEP/AGR Committees,

Notification of usage of pesticides in large volumes near sensitive communities such as children and elderly should be a human right. My son was attending Mt. View School in Hawaii many years ago, when a farm next door sprayed an unknown pesticide. A cloud of this chemical blew into the school rooms adjacent to the farm and 30 kids had to be sent home due to fainting, light and foggy headedness. My son wasn't himself for a couple days. These are the most sensitive of our people. This is just common sense. Thank you for considering and passing this important measure.

Sincerely, Blake Watson



**LATE**

49 South Hotel Street, Room 314 | Honolulu, HI 96813  
[www.lwv-hawaii.com](http://www.lwv-hawaii.com) | 808.531.7448 | [voters@lwv-hawaii.com](mailto:voters@lwv-hawaii.com)

## **COMMITTEES ON AGRICULTURE AND ENERGY AND ENVIRONMENTAL PROTECTION**

Representatives Richard Creagan and Chris Lee, Chairs  
Representatives Lynn DeCoite and Nicole Lowen, Vice Chairs

Thursday, February 8, 2018, 10:30 a.m., Conference Room 325

**HB2721**– Relating to Environmental Protection

### **TESTIMONY**

Nancy Davlantes, Legislative Committee Member, League of Women Voters of Hawaii

Chairs Richard Creagan and Chris Lee, Vice-Chairs Lynn DeCoite and Nicole Lowen, committee members:

**The League of Women Voters of Hawaii supports HB2721 that would establish disclosure and public notification requirements for outdoor application of restricted use pesticides in various areas.**

This bill acknowledges the conclusions of the study, "Pesticide Use by Large Agribusinesses on Kauai," published by the independent Joint Fact Finding Study Group (JFFSG) and issued in May 2016, that confirmed that the State lacks sufficient data on pesticide use and human and environmental exposure. The study concluded that the voluntary good neighbor program on Kauai be revised, be made mandatory, and be expanded statewide.

For too long, Kauai residents and the rest of the state, for that matter, are now in a Catch-22 situation, caught between a serious lack of data and a state agency so far unwilling to act to collect it. The state Department of Agriculture has been faced with an industry that has fought for years to avoid disclosure, arguing that it's looking out for consumers through responsible practices, that adding new regulation would result in greater costs being passed on to consumers, and that the specifics of its pesticide application is proprietary information. Additionally, the agency has pleaded a lack of money and other resources and a fear of being sued for violating disclosure of such proprietary information.

The League has long had a position on the environment to preserve the physical, chemical and biological integrity of the ecosystem, with maximum protection of public health and the environment.

It's long past time that the recommendations for the JFFSG's group be put into practice.

This issue has been debated for too long; the evidence is clear. We urge you to pass this bill.

Thank you for the opportunity to submit testimony.

**LATE**

**HB-2721**

Submitted on: 2/7/2018 9:38:35 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Dale Sandlin	Hawaii Cattlemens Council	Oppose	Yes

Comments:



**LATE**

Josh Frost - President • Kau'i Pratt-Aquino - Secretary • Patrick Shea - Treasurer  
Kristin Hamada • Nelson Ho • Summer Starr

Thursday, February 8, 2018

Relating to House Bill 2721  
Relating to Environmental Protection  
Testifying in Support

Aloha, Chairs Lee and Creagan, Vice-Chairs Lowen and DeCoit, and Members of the House Committees on Energy and Environmental Protection, and Agriculture,

The Pono Hawai'i Initiative (PHI) **strongly supports HB 2721 Relating to Environmental Protection**, which establishes disclosure and public notification requirements for outdoor application of Restricted Use Pesticides in various areas.

Multiple disease processes are attributed to and found in greater concentrations in children and adults that live near the application of agricultural pesticides, including but not limited to greater rates of birth defect, miscarriages, brain cancer, Autism, and Parkinson's.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1241584/>

<http://ajph.aphapublications.org/doi/abs/10.2105/AJPH.86.9.1289>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2022638/>

<http://www.sciencemag.org/news/2001/03/pesticides-raise-miscarriage-risk>

<https://www.ncbi.nlm.nih.gov/pubmed/10817132>

<https://www.cancer.gov/about-cancer/causes-prevention/risk/ahs-fact-sheet>

Hawai'i is unique in many ways in regards to its climate and geography and as such **we benefit from year round growing seasons**. While this is a boon for farmers and agrichemical corporations, when the use of agrichemicals are applied, **we are at an extreme disadvantage compared to the rest of the country because we stand to suffer from even greater exposure to and accumulation of Restricted Use Pesticides**.

In an 11-year study of over 50 hydrological systems these pesticides were found in most stream water samples and over 50% of the ground water samples. Seasonal patterns were found where concentration levels were higher during or towards the end of the spring growing season. The study also found that 90% of pesticide exposure is to mixtures versus individual pesticides.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2667895/>

Since finding that other substances, like alcohol and cigarettes cause birth defects and cancers, laws were created to warn the public so they can make informed decisions. The people have a right to know what risks they are incurring by other choices, such as where they live, work, play, and send their children to school.

Please move this bill forward and give the people the freedom to decide.

Mahalo for the opportunity to testify,

Lana Olson  
Executive Assistant  
Pono Hawai'i Initiative, an organization member of the Common Good Coalition

**LATE**

**HB-2721**

Submitted on: 2/8/2018 8:28:07 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Syreen Hostallero	Beekeeper/ Waianae Hunting Association	Support	No

Comments:

Its important to know what kind of chemicals are being exposed into our beautiful home we call Hawaii. As a beekeeper I see bees come back to the hive from foraging bringing poisoned nectar within 48 hours the whole hive is infected, sick, and dead.



# WPHA

Western Plant Health Association

February 8, 2018

The Honorable Richard Creagan  
Chair, House Committee on Agriculture

The Honorable Chris Lee  
Chair, Energy & Environmental Protection

**RE: HB 2721, Relating To Environmental Protection (OPPOSE)**

Dear Chairman Creagan and Chairman Lee:

On behalf of the Western Plant Health Association (WPHA), I am writing to express our **opposition** to HB 2721, which would make the Good Neighbor Agreement mandatory and implement a new pesticide buffer program. WPHA represents the interests of fertilizer and pesticide manufacturers, agricultural biotechnology providers, and agricultural retailers in Hawaii, California, and Arizona.

WPHA appreciates the author's interest in assuring the safety of the public and environment. We understand that while the intent of the bill is to protect human health and the environment, we believe this bill is unnecessary and will result in higher costs to farmers who will be pulled into this reporting program.

As the bill states, the Kauai Good Neighbor Agreement has been expanded statewide. All farms described in the bill are participating in the program. There has not been any demonstrated proof that farms defined under the Good Neighbor Agreement are not participating in the program, or are failing to meet the requirements of the program. WPHA does not believe it is necessary to add additional costs to the program or the Hawaii Department of Agriculture by making it mandatory when by all reports the requirements are being met as a voluntary program.

HB 2721 requires a mandatory reporting program. While "seed farms" are already reporting use of many products under the Good Neighbor Agreement, this requirement would require all commercial farmers to report their pesticide use. These farms have fewer resources to undertake this kind of reporting program, and we believe this requirement will add a significant cost to farmers currently not covered under the Good Neighbor Agreement. We also believe the additional warning requirements are over prescriptive as they cover all applications. This additional signage will result in additional costs to all farmers. Hawaii's farmers work under very tight margins under the best of circumstances. We must oppose HB 2721 as we believe that it will add even more unnecessary costs to Hawaii's farm communities.

We thank you for your consideration of our comments.

Sincerely,

Renee Pinel  
President/CEO

**HB-2721**

Submitted on: 2/7/2018 7:17:16 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Zahava Zaidoff	StressFreeSouls	Support	No

Comments:

Aloha,

I stand in Strong Support of this bill!

Mahalo



**HB-2721**

Submitted on: 2/6/2018 10:27:46 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Joan Kutzer	Hawaii Nurses Association, OPEIU local 50	Support	No

Comments:

Hawaii Nurses Association

3374 Koapaka St, Suite B217

Honolulu, HI 96819

(808) 531-1628

jkutzer@hinurse.org

February 6, 2018

Dear Committee on Energy and Environmental Protection; and Committee on Agriculture:

Hawaii Nurses Association is in strong support of HB 2721. The good neighbor policy has not had adequate protection for the community. The health risks of Chlorpyrifos are well documented. As nurses we must protect the health and well-being of our community. Proper notification of the use of Restricted Use Pesticides is the only way to both protect and treat our community. As a Health Care provider, it is imperative that I know what products my patients have been exposed to so that I can properly care for them.

Please pass HB 2721

Sincerely yours,

Joan Kutzer, RN, Hawaii Nurses Association



**HB-2721**

Submitted on: 2/6/2018 12:56:45 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Fern Anuenue Holland	'Ohana O Kaua'i	Support	No

Comments:

Aloha Chair Lee, Chair Creagan and members of the committee,

I am writing in strong support of HB 2721.

This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Mahalo!!

**HB-2721**

Submitted on: 2/6/2018 10:56:20 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Kaui Trainer	Momilani Farm	Support	No

## Comments:

I heartily support HB 2721. Hawai'i's communities have no choice but to live, work, and commute daily in areas under threat of toxic pesticide drift – and they do not have access to information that would allow them to protect themselves from this vital threat. Children in-utero and early childhood who are exposed to low-level restricted use pesticides are at risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma. With agrochemical companies spraying 2 out of every 3 days, mandatory public disclosure will ensure that industrial agriculture is held responsible for the potential impacts of its pesticides on human health and the environment. New research testing is finding more and more glyphosphate in our commonly consumed foods. People need to know what is being sprayed, how much, when and where! Please pass HB2721.

**HB-2721**

Submitted on: 2/6/2018 4:32:52 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Nancy Redfeather	Ka Ohana O Na Pua	Support	No

## Comments:

Our communities and schools need to receive advance notification of pesticide spraying, in all sensitive areas. Los Angeles County School System has instituted this system coupled with a green products hierarchy that supports the "lowest toxicity" for our schools and children. Schools in Hawai'i that are near agricultural fields have special concerns. Communication is critical, advance notice is critical. Please pass this Bill! Mahalo

**HB-2721**

Submitted on: 2/7/2018 9:42:46 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Joan Gannon	West Hawaii CHC	Support	No

Comments:

To Committees: Agriculture and Energy and Environmental Protection

From: Joan Gannon Chairperson Protect Marine Life for Democratic Party Hawaii Island

I support HB2721. When you hear it on 2/8/18. This will help protect our environment. Please pass it through.

Thank you

Joan Gannon

**HB-2721**

Submitted on: 2/6/2018 8:44:38 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Erica Scott	Cuddle Party	Support	No

Comments:

**HB-2721**

Submitted on: 2/6/2018 2:26:48 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Mary Whispering Wind	Patients Without Time	Support	No

Comments:

Aloha Chair Lee, Chair Creagan and members of the committee,

I am writing in strong SUPPORT of HB 2721.

This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure.

There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Respectfully,



Mary Whispering Wind  
Hilo, HI



**House Committee on Energy & Environmental Protection  
House Committee on Agriculture**

**Board of Directors:**

**Hawai'i Alliance for Progressive Action strongly supports: HB2721**

Gary L. Hooser  
President

Thursday, February 8, 2018, 10:30 a.m., Conference Room 325

Andrea N. Brower  
Ikaika M. Hussey  
Co-Vice Presidents

Aloha Chairs Creagan and Lee, Vice Chairs DeCoite and Lowen, and members of the committee,

Kim Coco Iwamoto  
Treasurer

HAPA strongly supports HB 2721 to establish disclosure and public notification requirements for outdoor application of restricted use pesticides in various areas. This would protect the health of our families by requiring the largest users of restricted use pesticides (RUP's) to disclosure what they are using and provide notification to adjacent communities prior to application.

Bart E. Dame  
Secretary

The Hawai'i Alliance for Progressive Action is a statewide environmental, social and economic justice organization. HAPA's fair and sustainable food systems work focuses on protecting Hawai'i's environment and the health of its residents from the potentially harmful pesticide impacts. HAPA engages over 10,000 local residents annually through our work.

Paul Achitoff  
Malia K. Chun  
Laura Harrelson

According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neuro-developmental disabilities like autism and ADHD, as well as leukemia and asthma. [1]

Katie McMillan  
Walter Ritte Jr.  
Karen Shishido

The AAP report makes many recommendations to both the medical community and government entities in safeguarding children's health, one of which is the recommendation to enforce "community right-to-know procedures when pesticide spraying occurs in public areas."

Leslie Malu Shizue Miki  
Kekaulike Prosper Tomich  
Cade Watanabe

At last counter there are 27 schools in Hawai'i located within a mile of fields where agrochemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Students and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our children, which is why we must demand that these agrochemical companies say what they spray.

*The Hawai'i Alliance for Progressive Action (HAPA) is a public non-profit organization under Section 501(c)(3) of the Internal Revenue Code. HAPA's mission is to catalyze community empowerment and systemic change towards valuing 'aina (environment) and people ahead of corporate profit.*



Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. This is particularly dire, considering that Hawai'i GMO research fields use high volumes of chlorpyrifos, which is shown in scientific studies to threaten young and developing children, in particular.

Children face unique exposure risks. EPA estimates that children ages 1 to 12 are exposed to significantly more chlorpyrifos through their diets per pound of body weight than adults. [2]

The importance of pesticide disclosure extends beyond immediate impacts to communities. Only through consistency of disclosure can scientists create a baseline and track impacts of pesticide use. Because one of the mandated purposes of the Kauai Joint Fact Finding Report is to "advance public understanding of agricultural pesticides," only through mandatory disclosure can the public be assured that accurate data is collected to conduct solid science.

Voluntary programs may be seen as a compromise, but they ultimately would defeat the purpose because they are unreliable, lacking third-party verification or hard deadlines for data collection and disclosure. This unreliability would render any studies on pesticide impacts unscientific and therefore useless.

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

Respectfully,

Anne Frederick  
Executive Director

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[1] American Academy of Pediatrics, *Pesticide Exposure in Children*, December 2012, vol. 130, issue 6.

[2] U.S. Environmental Protection Administration, *Chlorpyrifos Acute and Steady State Dietary (Food Only) Exposure Analysis to Support Registration Review*, EPA-HQ-OPP-2008-0850-0197 (Nov. 18, 2014).

**HB-2721**

Submitted on: 2/7/2018 10:18:27 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Melodie Aduja	OCC Legislative Priorities	Support	No

Comments:



# HAWAI'I CENTER FOR FOOD SAFETY

## House Committees on Energy & Environmental Protection and on Agriculture

### Hawai'i Center for Food Safety strongly supports: HB2721

Dear Chair Creagan, Chair Lee, Vice Chair Decoite, Vice Chair Lowen and members of the committees,

My name is Keani Rawlins-Fernandez and I am with the Hawaii 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 850,000 farmer and consumer members across the country, including over 11,000 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 writing in strong support of HB2721, which establishes disclosure and public notification requirements for outdoor application of restricted use pesticides in various sensitive areas or by large-scale, outdoor commercial agricultural operations.

The "Kauai Good Neighbor Program" was established to allow companies on Kaua'i to voluntarily disclose pesticide use. As of 2017, the program has been expanded statewide. This program, although a good stepping stone, is an unreliable compromise to mandatory disclosure. The data is not verified by any party which leads to uncertainty at the validity of reporting.

However, what the program data does show is that, between December 2013 to Augusts 2015, a total application of 4,018.51 gallons and 2,389.86 pounds of concentrated Restricted Use Pesticides only on Kaua'i, by the five participating companies (Syngenta, Pioneer (Dupont), Dow

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AgroSciences, BASF and Kaua'i Coffee)<sup>1</sup>. And in the year 2017, a total application of 2,226.75 gallons and 6,271.86 pounds of concentrated Restricted Use Pesticides statewide by the same participants. These pesticides are thought to be applied on the various acreages leased or owned by the companies participating in the program; however, information regarding the locations of where these pesticides are applied is not reported by this program.

HB2721 protects our communities who could be potentially impacted by pesticide drift by requiring that restricted-use pesticide users disclose the pesticides they are spraying and notify communities who could be potentially impacted by pesticide drift. **Such regulations are in line with the regulations of 31 other states who understand that it is vital for states to protect children and sensitive populations from the toxic impacts of pesticide use by regulating pesticide use on or around schools.**<sup>2,3,4</sup>

Children can be exposed to pesticides applied on school grounds, pesticides that drift onto school grounds from neighboring agricultural lands, or from pesticide residues.<sup>5,6</sup> **It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal,<sup>7</sup> neonatal,<sup>8</sup> and infant life can disrupt critical developmental processes.**<sup>9</sup> Early life pesticide exposure has been linked to long-term health effects including cancer,<sup>10</sup> decreased cognitive function,<sup>11,12,13</sup> behavior problems,<sup>14,15</sup> birth defects and other

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<sup>1</sup> Kaua'i Agricultural Good Neighbor Program. (2015). <https://data.hawaii.gov/Health/Kaua-i-Agricultural-Good-Neighbor-Program-RUP-Use-/9pud-c8q5>

<sup>2</sup> Owens, K and Feldman J. 2004. "Getting the drift on chemical trespass: Pesticide drift hits homes, schools, and other sensitive sites throughout communities," Pesticides and You, Vol. 24, No. 2: 16-21.

<sup>3</sup> CPR 2010. Pesticide Protection Zones: Keeping Kids Safe at School. Californians for Pesticide Reform, Pesticide Watch, Center for Environmental Health, March 2010.

<sup>4</sup> Hurley JA et al. 2014. Regulating pesticide use in United States Schools. *American Entomologist* 60(2): 105-114.

<sup>5</sup> Alarcon WA et al. 2005. Acute illnesses associated with pesticide exposure at schools. *Journal of the American Medical Association* 294(4): 455-465.

<sup>6</sup> Goldman P, Brimmer JK and Ruiz V. 2009. "Pesticides in the Air – Kids at Risk: Petition to EPA to protect children from pesticide drift," Earth Justice and Farmworker Justice, October 2009.

<sup>7</sup> Rull RP, Gunier R, Von Behren J, Hertz A, Crouse V, Buffler PA, and Reynolds P. 2009. Residential Proximity to Agricultural Pesticide Applications and Childhood Acute Lymphoblastic Leukemia. *Environmental Research*, 109(7): 891-899.

<sup>8</sup> Chevrier C, Limon G, Monfort C, Rouget F, Garlantezec R, Petit C, Durand G, and Cordier A. 2011. Urinary Biomarkers of Prenatal Atrazine Exposure and Adverse Birth Outcomes in the PELAGIE Birth Cohort. *Environmental Health Perspectives*, 119(7): 1034-1041.

<sup>9</sup> Shelton, JF et al. 2014. Neurodevelopmental Disorders and Prenatal Residential Proximity to Agricultural Pesticides: The CHARGE Study. *Environmental Health Perspective*, 122(10): 1103-1110.

<sup>10</sup> Infante-Rivard C, Labuda D, Krajcinovic M, Sinnett D. 1999. Risk of childhood leukemia associated with exposure to pesticides and with gene polymorphisms. *Epidemiology* 10(5): 481-487.

adverse birth outcomes,<sup>16,17</sup> and asthma.<sup>18</sup>

Specifically, according to a 2012 report by the American Academy of Pediatrics (AAP) entitled “Pesticide Exposure in Children,” children exposed to chronic, low-level exposure to restricted use pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD<sup>19,20,21,22</sup>, leukemia<sup>23,24,25</sup>, and asthma<sup>26,27,28</sup>.

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<sup>11</sup> Rauh V, Arunajadai S, Horton M, et al. 2011. Seven-year neurodevelopmental scores and prenatal exposure to chlorpyrifos, a common agricultural pesticide. *Environ Health Perspect.* 119(8): 1196–1201.

<sup>12</sup> Bouchard MF, Chevrier J, Harley KG, et al. 2011. Prenatal exposure to organophosphate pesticides and IQ in 7-year-old children. *Environ Health Perspect.* 119(8): 1189–1195.

<sup>13</sup> Engel SM, Wetmur J, Chen J, et al. 2011. Prenatal exposure to organophosphates, paraoxonase 1, and cognitive development in childhood. *Environ Health Perspect.* 119(8): 1182–1188.

<sup>14</sup> Roberts EM, English PB, Grether JK, Windham GC, Somberg L, and Wolf C. 2007. Maternal Residence near Agricultural Pesticide Applications and Autism Spectrum Disorder among Children in the California Central Valley. *Environmental Health Perspectives*, 115(10): 1482-1489.

<sup>15</sup> Bouchard MF, Bellinger DC, Wright RO, Weisskopf MG. 2010. Attention-deficit/hyperactivity disorder and urinary metabolites of organophosphate pesticides. *Pediatrics*. 125(6). Available at: [www.pediatrics.org/cgi/content/full/125/6/e1270](http://www.pediatrics.org/cgi/content/full/125/6/e1270).

<sup>16</sup> Garry VF, Harkins ME, Erickson LL, Long-Simpson LK et al. 2002. Birth Defects, Season of Conception, and Sex of Children Born to Pesticide Applicators Living in the Red River Valley of Minnesota, USA. *Environmental Health Perspectives* 110 (Suppl. 3): 441-449.

<sup>17</sup> Garry VF, Harkins ME, Erickson LL, Long-Simpson LK et al. 2002. Birth Defects, Season of Conception, and Sex of Children Born to Pesticide Applicators Living in the Red River Valley of Minnesota, USA. *Environmental Health Perspectives* 110 (Suppl. 3): 441-449.

<sup>18</sup> Salam MT, Li YF, Langholz B, Gilliland FD; Children’s Health Study. 2004. Early-life environmental risk factors for asthma: findings from the Children’s Health Study. *Environ Health Perspect.* 112(6): 760–765.

<sup>19</sup> Rauh VA, Garfinkel R, Perera FP, Andrews HF, Hoepner L, Barr DB, Whitehead R, Tang D, Whyatt R (2006) Impact of prenatal chlorpyrifos exposure on neurodevelopment in the first 3 years of life among inner-city children. *Pediatric* 118(6): e1845-e1859. [www.pediatrics.org/cgi/content/full/118/6/e1845](http://www.pediatrics.org/cgi/content/full/118/6/e1845).

<sup>20</sup> Roberts EM, English PB, Grether JK, Windham GC, Somberg L, Wolf C (2007) Maternal Residence near Agricultural Pesticide Applications and Autism Spectrum Disorder among Children in the California Central Valley. *Environmental Health Perspectives* 115(10): 1482-1489.

<sup>21</sup> Eskenazi B, Marks AR, Bradman A, Harley K, Barr DB, Johnson C, Morga N, Jewell NP(2007) Organophosphate pesticide exposure and neurodevelopment in young Mexican-American children. *Environmental Health Perspectives* 115(5): 792–798.

<sup>22</sup> Bouchard MF, Chevrier J, Harley KG, Kogut K, Vedar M, Calderon N, Trujillo C, Johnson C, Bradman A, Barr DB, Eskenazi B (2011) Prenatal exposure to organophosphate pesticides and IQ in 7-year-old children. *Environmental Health Perspective* 119(8): 1189–1195.

<sup>23</sup> Infante-Rivard C, Labuda D, Krajcinovic M, Sinnett D (1999) Risk of childhood leukemia associated with exposure to pesticides and with gene polymorphisms. *Epidemiology* 10(5): 481-487.

<sup>24</sup> Roberts JR, Karr CJ (2012) Pesticide Exposure in Children. Council on Environmental Health. *Pediatrics* 130(6): e1757-e1763. <http://pediatrics.aappublications.org/content/130/6/e1757.full.html>.

Nine of the ten studies examining pesticides and brain cancer that have been conducted since 1998 demonstrated an **increased risk estimate of brain tumors with maternal and/or paternal exposure to pesticides**, though not all achieved statistical significance. One study, which involved 321 cases, demonstrated that **maternal exposure to insecticides before or during pregnancy was associated with a 90% greater risk of astrocytoma** (a type of brain cancer) in the child, as well as a trend to higher risk in exposed fathers<sup>29</sup>.

The direct, indirect, and cumulative impacts on public health regarding the long-term intensive commercial agriculture and associated use of pesticides have not been properly or independently evaluated. Existing federal oversight of pesticide exposure do not take into account chronic exposure to local pesticide use. Information pertaining to the intensive use of pesticides in large-scale commercial agriculture within the state is not readily available to the public. Thus, the public is unable to evaluate the full extent of negative impacts accruing to the residents and environment of Hawai'i.

**The people of Hawai'i have the right to decide that the risks associated with the use of toxic pesticides in commercial agriculture are unacceptable, and take action to reduce and prevent the potential negative impacts of such use.**

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 Committees.

Respectfully,  
Keani Rawlins-Fernandez, J.D.  
Hawai'i Center for Food Safety

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<sup>25</sup> Monge P, Wesseling C, Guardado J, Lundberg I, Ahlbom A, Cantor KP, Weiderpass E, Partanen T (2007) Parental occupational exposure to pesticides and the risk of childhood leukemia in Costa Rica. *Scandinavian Journal Work Environmental Health* 33(4): 293-303.

<sup>26</sup> Hoppin JA, Umbach DM, London SJ, Alavanja MCR, Sandler DP (2002) Chemical predictors of wheeze among farmer pesticide applicators in the Agricultural Health Study. *American Journal of Respiratory and Critical Care Medicine* 165: 683-689.

<sup>27</sup> Salam MT, Li YF, Langholz B, Gilliland FD, Children's Health Study (2004) Early life environmental risk factors for asthma: findings from the Children's Health Study. *Environmental Health Perspective* 112(6): 760-765.

<sup>28</sup> Strina A, Barreto ML, Cooper PH, Rodrigues LC (2014) Risk factors for non-atopic asthma/wheeze in children and adolescents: a systematic review. *Emerging Themes in Epidemiology* 11(5). <http://www.ete-online.com/content/11/1/5>.

<sup>29</sup> van Wijngaarden E, Stewart PA, Olshan AF, Savitz DA, Bunin GR (2003) Parental occupational exposure to pesticides and childhood brain cancer. *American Journal of Epidemiology* 157 (11): 989-997.





# **BEYOND PESTICIDES**

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info@beyondpesticides.org ■ www.beyondpesticides.org

**Statement of  
Beyond Pesticides  
on  
HB 2721**

To revise and expand the good neighbor program  
to all persons and entities  
before the

**Committee on Energy and Environmental Protection/Agriculture  
Hawaii House of Representatives**

**February 8, 2018**

Beyond Pesticides supports HB 2721 to establish provisions governing the notification and disclosure of pesticides used in the outdoor environment in Hawaii. As a national, grassroots membership organization, Beyond Pesticides represents community-based groups and a range of people seeking to improve protections from hazardous pesticide exposure. Our membership includes residents of Hawaii and spans the 50 states and groups around the world.

In the absence of adequate federal procedures to protect communities from hazardous pesticide drift, Hawaii must take action to increase accountability over the use of highly toxic pesticides.

## **Mandatory Disclosure of Pesticide Use is Good for Public Health**

A necessary first step to protecting public health and the environment is to establish better access to information. Residents of Hawaii have the right to know what chemicals are applied near where they live, work, and go to school. This is particularly important for children, because most of the symptoms of pesticide exposure, from respiratory distress, developmental effects, to behavioral and learning difficulty, are common and may also have other causes. It is because of a lack of access to information concerning pesticide exposure, especially in the case of agricultural regions, that pesticide-related illnesses often go unrecognized and unreported.<sup>1</sup> Publicly

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<sup>1</sup> National Environmental Education and Training Foundation. 2002. National Strategies for Health Care Providers: Pesticides Initiative Implementation Plan. Washington DC.  
<http://64.130.52.13/pdf/pest/Acknowledgments,%20ppi-vii.pdf>.

accessible reports on pesticide use will provide crucial information that physicians and those that suspect they were poisoned by pesticides can use to treat possible pesticide-related illnesses. By knowing the amount, location, and active ingredient of a pesticide, physicians can better tailor their treatments to the specific health issues relating to pesticide poisonings and better assess the causes of symptoms.

### **The Hazards of Pesticides Have Been Well Documented**

Increases in pesticide use after the past several decades is a troubling development in light of public exposure to chemicals that can cause cancer, toxic sensitization, neurological problems and a range of short-term effects such as dizziness, headaches, rashes and mental disorientation, even when label directions are followed. Numerous studies correlate pesticide exposure with diseases that are all too common in the United States, so it cannot be suggested that pesticide product registration by U.S. Environmental Protection Agency (EPA) creates adequate assurance that the residents of Hawaii are protected from hazards. This applies even to general use pesticides that can be used in and around homes.

General Hazards. Children are particularly vulnerable to pesticides because they take in more of the chemical relative to their body weight and have developing organ systems. Studies show that children exposed to pesticides suffer elevated rates of leukemia, brain cancer, soft tissue sarcoma, and non-Hodgkin lymphoma.<sup>2,3</sup> This issue is discussed in additional detail in Beyond Pesticides' factsheet Children and Pesticides Don't Mix,<sup>4</sup> which cites peer-reviewed scientific literature on the health effects of pesticides. Numerous studies link pesticide exposure in pregnant women to increased risk of adverse birth outcomes,<sup>5,6,7</sup> cancer in children after birth,<sup>8,9,10,11</sup> developmental disorders such as ADHD<sup>12,13</sup> and decreased mental capacity.<sup>14,15</sup> Children are not the only population sensitive to the effects of pesticide exposure. Reports also link past

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<sup>2</sup> Ma, X. et al. 2002. "Critical Windows of Exposure to Household Pesticides and Risks of Childhood Leukemia." *EHP* 110(9): 955-960 ; Zahm, S., et al.1998"Pesticides and Childhood Cancer." *EHP* 106(Supp. 3): 893-908

<sup>3</sup> Buckley, J.D., et al. 2000. *Cancer* 89(11):2315-232.

<sup>4</sup> Beyond Pesticides, *Children and Pesticides Don't Mix*, <http://www.beyondpesticides.org/lawn/factsheets/Pesticide.children.dontmix.pdf>.

<sup>5</sup> Chevrier C, Limon G, Monfort C, Rouget F, Garlantézec R, Petit C, et al. 2011.. *Environ Health Perspect*. doi:10.1289/ehp.1002775.

<sup>6</sup> Brender, JD., et al. 2010. *Ann Epidemiol*. 20(1):16-22.

<sup>7</sup> de Siqueira, MT et al. 2010. *Bull Environ Contam Toxicol*. 84(6):647-51.

<sup>8</sup> Rosso, A.L., et al. 2008. *Cancer Causes Control* 19(10):1201-1207.

<sup>9</sup> Bunin, G.R., et al. 1994. *Cancer Epidemiology, Biomarkers and Prevention* 3:197-204.

<sup>10</sup> Tsai, J., et al. 2006. *Int J Hyg Environ Health* 209(1):57-64.

<sup>11</sup> Van Maele-Fabry G, Lantin AC, Hoet P, Lison D. 2011. *Environ Int*. 37(1):280-91.

<sup>12</sup> Marks AR, Harley K, Bradman A, Kogut K, Barr DB, et al. 2010. *Environ Health Perspect*. doi:10.1289/ehp.1002056

<sup>13</sup> Garry, V.F. et al. 2002. *Environ. Health Persp*. 110 (Suppl. 3):441-449.

<sup>14</sup> Bouchard MF, Chevrier J et al. 2011. *Environ Health Perspect* :- . doi:10.1289/ehp.1003185.

<sup>15</sup> Horton, et al. 2011. *Pediatrics*, Online February 7, 2011 (doi:10.1542/peds.2010-0133.

pesticide use and exposure to Parkinson's and Alzheimer's disease in the elderly.<sup>16,17,18,19</sup>

**Restricted Use and Agricultural Hazards.** In the case of agricultural pesticides, the hazards of pesticide exposure become even more concerning as many pesticides used in the agricultural industry are already deemed "restricted use." Studies focusing on agricultural communities have found increased risks of brain cancer,<sup>20</sup> malignant bone tumors,<sup>21</sup> and higher mortality rates for those afflicted with Parkinson's.<sup>22</sup> Recording and documenting pesticide use and providing that information to physicians and the public at large constitutes a minimum requirement for chemicals that present such concerning health risks.

See Beyond Pesticides' Pesticide-Induced Diseases Database,<sup>23</sup> which catalogs over 400 references in the epidemiologic peer-reviewed literature that link pesticide exposure to a range of public health diseases including cancer, reproductive effects, neurological illness, diabetes, behavioral effects, Parkinson's and Alzheimer's.

### **Inadequate Existing Protections Against Known and Unknown Hazards**

Vulnerable population groups are not adequately protected by the risk assessments that EPA uses to register chemicals. The testing protocol for some health endpoints, such as poisoning that disrupts the endocrine system (impacting human development at miniscule doses), has not been finalized or implemented by EPA. Though statutory mandates for testing of these endpoints exists, agency action on pesticides linked to endocrine disruption is not expected for ten years, according to EPA's own estimates. Some critical issues of pesticide regulation, such as the conditional registration of pesticides without all available health data, and the synergistic effects of pesticides mixed with other pesticides, inert ingredients, or with pharmaceuticals, are not addressed by federal law or EPA regulation.

**Conditional Registration.** EPA will often approve the use of a pesticide without all of the necessary data required to fully register the chemical, and will assign it a "conditional" registration. The agency assumes that while it waits for additional data the product would not cause adverse impacts that would prevent an eventual full registration. A recent report (2013)

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<sup>16</sup> Baldi, I, et al. *Am J Epidemiol* 2003; 157:409-414.

<sup>17</sup> Wang A, et al. 2011. *Eur J Epidemiol*. DOI: 10.1007/s10654-011-9574-5.

<sup>18</sup> Gatto NM, et al. 2009. *Environ Health Perspect* 117:1912-1918.

<sup>19</sup> Parrón, T., et al. 2011. *Toxicol Appl Pharmacol*. <http://dx.doi.org/10.1016/j.taap.2011.05.006>,

<sup>20</sup> Aschengrau, A., et al. 1996. "Cancer Risk and Residential Proximity to Cranberry Cultivation in Massachusetts." *Am. J. of Public Health* 86(9):1289-96.

<sup>21</sup> Carrozza, S.E., et al. 2008. *Environ Health Perspect* 116(4):559-565.

<sup>22</sup> Ritz B, and Yu F. 2000. *International Journal of Epidemiology* 29(2):323-329.

<sup>23</sup> Beyond Pesticides. 2014. "Pesticide Induced Diseases Database."

<http://www.beyondpesticides.org/health/index.php>.

from the U.S. Government Accountability Office, entitled *EPA Should Take Steps to Improve Its Oversight of Conditional Registrations*,<sup>24</sup> strongly criticizes this process, citing poor internal management of data requirements, constituting an “internal control weakness.” The report states, “The extent to which EPA ensures that companies submit additional required data and EPA reviews these data is unknown. Specifically, EPA does not have a reliable system, such as an automated data system, to track key information related to conditional registrations, including whether companies have submitted additional data within required time frames.” However, these recommendations do not go far enough. Pesticides, without all the data required for a full understanding of human and environmental toxicity, should not be allowed on the market.

Several historic examples exist of pesticides that have been restricted or canceled due to health or environmental risks decades after first registration. Chlorpyrifos, an organophosphate insecticide, which is associated with numerous adverse health effects, including reproductive and neurotoxic effects, had its residential uses canceled in 2001. Others, like propoxur, diazinon, carbaryl, aldicarb, carbofuran, and most recently endosulfan, have seen their uses restricted or canceled after years on the market due to unreasonable human and environmental effects. Recently, a product manufactured by DuPont, Imprelis, with the active ingredient aminocyclopyrachlor, was removed from the market only two years after EPA approval under conditional registration.<sup>25</sup> Marketed as a broadleaf weed killer, Imprelis was found to damage and kill trees. However, in EPA’s registration of the chemical, the agency noted, “In accordance with FIFRA [Federal Insecticide, Fungicide and Rodenticide Act] Section 3(c)(7)(C), the agency believes that the conditional registration of aminocyclopyrachlor will not cause any unreasonable adverse effects to human health or to the environment and that the use of the pesticide is in the public’s interest; and is therefore granting the conditional registration.”<sup>26</sup>

*Failure to test or disclose inert ingredients.* Despite their innocuous name, inert ingredients in pesticide formulations are neither chemically, biologically, or toxicologically inert; in fact they can be just as toxic as the active ingredient. Quite often, inert ingredients constitute over 95% of the pesticide product. In general, inert ingredients are minimally evaluated, even though many are known to state, federal, and international agencies to be hazardous to human health.

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<sup>24</sup> Government Accountability Office. August 2013. EPA Should Take Steps to Improve Its Oversight of Conditional Registrations. GAO-13-145. <http://www.gao.gov/products/GAO-13-145>.

<sup>25</sup> Environmental Protection Agency. June 2012. Imprelis and Investigation of Damage to Trees. <http://www.epa.gov/pesticides/regulating/imprelis.html>.

<sup>26</sup> Environmental Protection Agency. August 2010. Registration of the New Active Ingredient Aminocyclopyrachlor for Use on Non-Crop Areas, Sod Farms, Turf, and Residential Lawns. <http://www.regulations.gov/contentStreamer?objectId=0900006480b405d8&disposition=attachment&contentType=pdf>.

For example, until October 23, 2014,<sup>27</sup> creosols, chemicals listed as hazardous waste under Superfund regulations and considered possible human carcinogens by EPA,<sup>28</sup> were allowed in pesticide formulations without any disclosure requirement. EPA recently took action to remove creosols and 71 other inert ingredients from inclusion in pesticide formulations as a result of petitions from health and consumer groups. However, numerous hazardous inerts remain. For example, a 2009 study, entitled *Glyphosate Formulations Induce Apoptosis and Necrosis in Human Umbilical, Embryonic, and Placental Cells*,<sup>29</sup> found that an inert ingredient in formulations of the weed killer Roundup (glyphosate), polyethoxylated tallowamine (POEA), is more toxic to human cells than the active ingredient glyphosate, and, in fact, amplifies the toxicity of the product – an effect not tested or accounted for by the pesticide registration process. A 2014 study, *Major pesticides are more toxic to human cells than their declared active principle*, found inert ingredients had the potential to magnify the effects of active ingredients by 1,000 fold.

Pesticide manufacturers argue against the disclosure of inert ingredients on pesticide product labels, maintaining that this information is proprietary. Limited review of inert ingredients in pesticide products highlights a significant flaw with the regulatory process. Rather than adopt a precautionary approach when it comes to chemicals with unknown toxicity, EPA allows uncertainties and relies on flawed risk assessments that do not adequately address exposure and hazard. Then, when data becomes available on hazards, these pesticides, both active ingredients and inerts, have already left a toxic trail on the environment and people's well-being.

*Label Restrictions Inadequate.* From a public health perspective, an inadequate regulatory system results in a pesticide product label that is also inadequate, failing to restrict use or convey hazard information. While a resident may be able to glean some acute toxicity data, chronic or long-term effects will not be found on product labels. Despite certain pesticides being linked to health endpoints, such as exacerbation of asthma,<sup>30</sup> learning disabilities,<sup>31</sup> or

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<sup>27</sup> Environmental Protection Agency. October 2014. EPA Proposes to Remove 72 Chemicals from Approved Pesticide Inert Ingredient List. <http://yosemite.epa.gov/opa/admpress.nsf/bd4379a92ceceec8525735900400c27/3397554fa65588d685257d7a0061a300!OpenDocument>.

<sup>28</sup> Environmental Protection Agency. October 2013. Cresol/Cresylic Acid. <http://www.epa.gov/ttnatw01/hlthef/cresols.html>.

<sup>29</sup> Benachour and Seralini. 2009. Glyphosate Formulations Induce Apoptosis and Necrosis in Human Umbilical, Embryonic, and Placental Cells. *Chemical Research and Toxicology*. <http://pubs.acs.org/doi/abs/10.1021/tx800218n>.

<sup>30</sup> Hernandez et al. 2011. Pesticides and Asthma. *Current opinion in allergy and clinical immunology*. <http://www.ncbi.nlm.nih.gov/pubmed/21368619>.

<sup>31</sup> Horton et al. 2011. Impact of Prenatal Exposure to Piperonyl Butoxide and Permethrin on 36-Month Neurodevelopment. *Pediatrics*. <http://www.ncbi.nlm.nih.gov/pubmed/21300677>.

behavioral disorders,<sup>32</sup> this information is not disclosed on the label. Furthermore, data gaps for certain health endpoints are also not disclosed.

*Mixtures and Synergism.* In addition to gaps in testing inert ingredients and their mixture with active ingredients in pesticide products, there is an absence of review of the health and environmental impacts of pesticides used in combination. A study by Warren Porter, PhD., professor of zoology and environmental toxicology at the University of Wisconsin, Madison, examined the effect of fetal exposures to a mixture of 2,4-D, mecoprop, and dicamba exposure —frequently used together in lawn products like Weed B Gone Max and Trillion— on the mother’s ability to successfully bring young to birth and weaning.<sup>33</sup> A 2011 study, entitled *Additivity of pyrethroid actions on sodium influx in cerebrocortical neurons in primary culture*,<sup>34</sup> finds that the combined mixture’s effect is equal to the sum of the effects of individual pyrethroids. This equates to a cumulative toxic loading for exposed individuals. Similarly, researchers looked at the cumulative impact the numerous pesticides that may be found in honey bee hives in the 2014 paper *Four Common Pesticides, Their Mixtures and a Formulation Solvent in the Hive Environment Have High Oral Toxicity to Honey Bee Larvae*.<sup>35</sup> The findings of the study send no mixed messages —pesticides, whether looked at individually, in different combinations, or even broken down into their allegedly inert component parts have serious consequences on the bee larvae survival rates. The synergistic effects in most combinations of the pesticides amplify these mortality rates around the four-day mark.

Research by Tyrone Hayes, PhD, professor of integrative biology at UC Berkeley has compared the impact of exposure to realistic combinations of small concentrations of pesticides on frogs, finding that frog tadpoles exposed to mixtures of pesticides took longer to metamorphose to adults and were smaller at metamorphosis than those exposed to single pesticides, with consequences for frog survival. The study revealed that “estimating ecological risk and the impact of pesticides on amphibians using studies that examine only single pesticides at high concentrations may lead to gross underestimations of the role of pesticides in amphibian declines.”<sup>36</sup>

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<sup>32</sup> Furlong et al. 2014. Prenatal exposure to organophosphate pesticides and reciprocal social behavior in childhood.

<sup>33</sup> Caviere MF, Jaeger J, Porter W. Developmental toxicity of a commercial herbicide mixture in mice: I. Effects on embryo implantation and litter size. *Environmental Health Perspectives*. 2002;110(11):1081-1085.

<sup>34</sup> Cao et al. 2011. Additivity of Pyrethroid Actions on Sodium Influx in Cerebrocortical Neurons in Primary Culture. *Environmental Health Perspectives*. <http://ehp.niehs.nih.gov/1003394/>.

<sup>35</sup> Zhu et al. 2014. Four Common Pesticides, Their Mixtures and a Formulation Solvent in the Hive Environment Have High Oral Toxicity to Honey Bee Larvae. *PLOS One*. <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0077547>.

<sup>36</sup> Hayes TB, Case P, Chui S, et al. Pesticide Mixtures, Endocrine Disruption, and Amphibian Declines: Are We Underestimating the Impact? *Environmental Health Perspectives*. 2006;114(Suppl 1):40-50. doi:10.1289/ehp.8051.

## **State Action to Improve Accountability is Necessary**

The failure of the EPA pesticide registration system under the federal government results in unintended risks and dangers that ultimately trickle down to states, communities, and private citizens. Notwithstanding the numerous specific examples provided above, the largest failure of the federal system is the basic premise on which the pesticide registration process is based: under FIFRA, the regulation of pesticide use must take “into account the economic, social and environmental costs and benefits.”<sup>37</sup> How can any government agency accept the costs of entire neighborhoods developing cancer, children acutely poisoned at school, or large scale die-offs of non-target wildlife when alternative less or non-toxic practices exist?

When further protections are not recognized as necessary by federal regulatory bodies, state government is left to provide these critical protections for its residents. The requirements proposed under HB 2721 will help fill the gap that federal lawmakers and regulators have left when it comes to providing accountability for public health and safety— particularly for those living, working, and going to school near agricultural areas. By disclosing when and where pesticides are used, individuals will have the information they need to make decisions that can their long-term health and well-being.

## **Conclusion**

Beyond Pesticides believes that the people of Hawaii have a right to know what chemicals may be tracked or allowed to drift into their homes, schools and workplaces. The hazards of pesticides are well documented and, in the absence of adequate, protective action to govern the use of these chemicals at the federal level, warrant state action to protect public health and the environment.

The manufacturers and users of pesticides have long argued that the public does not have the right-to-know when pesticides are used, reasoning that the federal regulatory authorities provide adequate protection. However, ultimately, pesticide exposure is a right-to-know issue and therefore pesticide use that results in any non-target exposure from the treated site requires full disclosure.

The basis for Hawaii to act is clear: (i) The record on the limitations on protections provided by the regulatory and statutory apparatus in place is clear and documented by the examples above; and (ii) the hazards of the pesticides in use are captured in numerous peer-reviewed scientific articles.

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<sup>37</sup> FIFRA Section 2(bb).

We appreciate serious consideration the information provided in this testimony. In so doing, it is our hope that the elected officials of Hawaii will take action to increase accountability over pesticide use in a manner that protects all residents, wildlife, and the wider environment. To that end, we support supports HB 2721. Beyond Pesticides remains available to state lawmakers to address any questions or concerns related to this testimony.

Thank you for your consideration.







46-063 Emepela Pl. #U101 Kaneohe, HI 96744 · (808) 679-7454 · Kris Coffield · Co-founder/Executive Director

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## **TESTIMONY FOR HOUSE BILL 2721, RELATING TO ENVIRONMENTAL PROTECTION**

**House Committee on Energy and Environmental Protection**

**Hon. Chris Lee, Chair**

**Hon. Nicole E. Lowen, Vice Chair**

**House Committee on Agriculture**

**Hon. Richard P. Creagan, Chair**

**Hon. Lynn DeCoite, Vice Chair**

**Thursday, February 8, 2018, 10:30 AM**

**State Capitol, Conference Room 325**

Honorable Chair Lee, Chair Creagan, and committee members:

I am Kris Coffield, representing IMUAlliance, a nonpartisan political advocacy organization that currently boasts over 400 members. On behalf of our members, we offer this testimony in strong support of House Bill 2721, relating to environmental protection.

In the debate over regulating local agriculture, there is one thing that everyone should agree to condemn: causing harm to other people.

Unfortunately, Hawai'i's pesticide code allows chemical abuse to go unchecked. Today, the Department of Agriculture must warn pesticide abusers before investigating potential legal violations. A farm that fails to take caution when using harmful chemicals, therefore, may suffer no consequences for its actions, since the warning will give owners ample time to hide any evidence of their crimes. Even when caught, chemical criminals face minimal penalties. State law currently grades pesticide abuse as a misdemeanor offense, meaning farm operators who apply dangerous doses of restricted use pesticides are met with a maximum one-year prison sentence.

In the islands, pesticide abuse poses major health risks. According to an investigation conducted by the *Cascadia Times*, pesticide application by four large agrichemical companies on Kaua'i—Syngenta, BASF Plant Science, DuPont Pioneer, and Dow AgroSciences—is ten times the national average. In their report, *Cascadia* found that a number of restricted use pesticides were

overused, including chlorpyrifos, atrazine, and paraquat. A study published in the medical journal *The Lancet Neurology*, in March of 2014, found that the neurotoxin chlorpyrifos led to developmental disabilities in children. Similarly, atrazine and paraquat are banned in the European Union. Atrazine is known to contaminate groundwater supplies, while paraquat has been linked to the onset of Parkinson's disease. Yet, both herbicides remain widely popular in the United States, where the Environmental Protection Agency prematurely declared with “reasonable certainty” that neither carry a significant risk of harm.

Pesticide abuse is not limited to the outer islands. On O'ahu, IMUAlliance has provided services to cancer-stricken sprayers of restricted use pesticides, some of whom have are also victims of labor trafficking. Not only were our clients provided with little to no information about the health risks of pesticides placed in their hands, they were also not given equipment to protect themselves from harm. To protect against pesticide drift impacting sensitive educational areas and making children ill—as happened in 2007 at Kahuku High and Intermediate, in which a dozen students fell ill when a nearby sod farmer ignored windy weather while applying pesticides, and in 2008 in Waimea on Kaua'i, where dozens of students got sick after farmers applied pesticide on a nearby seed corn plot—**it is incumbent upon lawmakers to pass legislation establishing buffer zones around schools from which the application of pesticides is restricted and requiring disclosure and notification of pesticides being used around our keiki.**

We urge local lawmakers to also pass legislation eliminating warning notice requirements from the state's pesticide code, allowing investigators to probe allegations of noncompliance without tipping off their targets. Policymakers should simultaneously raise penalties for restricted use pesticide violations that result in bodily harm or death. Carelessness should not excuse assault or homicide, even if industrial chemicals are the culprit. Finally, elected officials should make sure that the Department of Agriculture has the clear capability to refer potential violations to law enforcement for prosecution. Laws are only as good as their enforcement. It's time we started prosecuting those who sacrifice people's health to personal profit.

It is imperative that political leaders stand up for safety during this year's legislative session, given recent court rulings curtailing county jurisdiction over pesticide use, genetically modified organisms, and land management. If you wait, our children will breathe in the fallout for generations to come.

Mahalo for the opportunity to testify in support of this bill.

Sincerely,  
Kris Coffield  
*Executive Director*  
IMUAlliance

**HB-2721**

Submitted on: 2/7/2018 2:26:59 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Dawn Morais Webster Ph.D.	Independent Issue Advocate	Support	Yes

## Comments:

Thank you for hearing this important bill.

Currently there are over 20 schools in Hawai'i located within a mile of fields where agrochemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Kids and teachers in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. Agrochemical companies must be made to do what they currently are not doing: say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. Voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a hard deadline for submission, so it's impossible to know if the data is accurate and valid.

What is happening to our children and teachers in schools subjected to this kind of exposure to highly toxic pesticides is unacceptable. Please pass this bill to demand early and full disclosure from the corporate ag companies. We understand they need to make a profit, We should not accept that they have a right to harm the health of the community in order to serve their bottom line. Please pass this bill. Thank you.

**HB-2721**

Submitted on: 2/7/2018 2:30:11 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ronald Weidenbach	Hawaii Aquaculture & Aquaponics Association	Oppose	No

Comments:

Regulation of pesticides should be by the subject matter experts in HDOA and U.S. EPA

**HB-2721**

Submitted on: 2/7/2018 3:48:19 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

**LATE**

Submitted By	Organization	Testifier Position	Present at Hearing
Stephen Paselk	Citizens4AHealthierMaui	Support	No

**Comments:**

I strongly support pesticide disclosure, buffer zones for drift, and notification. I have lived

in Paia on Maui for most of 39 years in the middle of HC&S 36,000 acre sugar plantation.

During that time I experienced headaches, migraines, immune sensitivity, periods of low energy

and now I need to supplement 4 different hormones in order to maintain good

health. All pesticides are linked with hormone disruption. In October of 2016 Scott Enright,

State Director of Agriculture revealed to me that 80% of all pesticides used in the State up until that time had been applied by HC&S. HC&S revealed that they had used 62,400 lbs of Atrazine

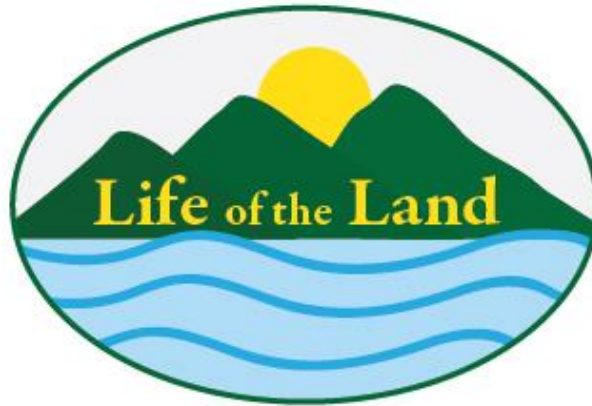
during 2014. Over 32 years that's over 2 million lbs of Atrazine potentially harming our health,

soil, water supply, and the environment. Add to that large undisclosed amounts of 2-4D Ametryn, Dicamba, and Glyphosate and we may well have been exposed to one of the highest

pesticide exposure rates in the world. As HC&S mulls over new possible energy crops I never

want this undisclosed, un-monitored and unregulated pesticide exposure to happen again.

We have the right to health!



**LATE**

P.O. Box 37158, Honolulu, Hawai'i 96837-0158  
Phone: 927-0709 [henry.lifeoftheland@gmail.com](mailto:henry.lifeoftheland@gmail.com)

COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

Rep. Chris Lee, Chair

Rep. Nicole E. Lowen, Vice Chair

COMMITTEE ON AGRICULTURE

Rep. Richard P. Creagan, Chair

Rep. Lynn DeCoite, Vice Chair

Thursday, February 8, 2018

10:30 a.m.

Conference Room 325

HB 2721 RELATING TO ENVIRONMENTAL PROTECTION

SUPPORT

Aloha Chairs Lee and Creagan, Vice Chairs Lowen and DeCoite and Members of the Committees

Life of the Land is Hawai'i's own energy, environmental and community action group advocating for the people and `aina for 47 years. Our mission is to preserve and protect the life of the land through sound energy and land use policies and to promote open government through research, education, advocacy and, when necessary, litigation.

One issue Life of the Land has raised over the years, is to co-location of transmission lines and forest paths. Some sitting and eating areas occur at the base of transmission towers, especially in East O`ahu. Signs should be placed at the beginning of the trailhead indicating when spraying occurs, what is being sprayed, and how long it is persistent.

The precautionary principle should apply. Ban until proven safe.

Mahalo,  
Henry Curtis, Executive Director

**HB-2721**

Submitted on: 2/5/2018 7:41:24 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Mary Lacques		Support	No

Comments:



**HB-2721**

Submitted on: 2/6/2018 10:16:42 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

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

Comments:

**HB-2721**

Submitted on: 2/6/2018 10:20:02 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Stephany Cecil		Support	No

Comments:

I support the notification of pesticide use to the public.

**HB-2721**

Submitted on: 2/6/2018 10:29:32 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Eli Scheetz		Support	No

Comments:

Important for public safety and our right to know.

**HB-2721**

Submitted on: 2/6/2018 10:34:57 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Stephanie Austin	citizen	Support	No

Comments:

Please support this important bill for the health of our citizens!

**HB-2721**

Submitted on: 2/6/2018 10:39:25 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Lucia You		Support	No

Comments:

**HB-2721**

Submitted on: 2/6/2018 10:28:01 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

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

Comments:

Aloha Chair and Committee Members,

I strongly support HB 2721.

This Bill will require that the State protect the health of our kupuna, keiki, visitors and other living things from Restricted Use Pesticides (RPU) by requiring full disclosure and notifications by the large Chemical/Biotech Corporations poisoning these Sacred Islands.

This Bill has been before you other Legislative Sessions and failed due to political posturing and catering to the Chemical/Biotech industries. Your job is to protect the people and the environment, not them.

NOW is the time to pass this common sense law. It's your kuliana to protect the most vulnerable of our population and our precious environment from the toxic, poisonous overdrift these Chemical/Biotech Corporations spray on the GE crops daily for export.

Mahalo,

Ms. Barbara Barry

Ha'iku, HI

**HB-2721**

Submitted on: 2/6/2018 11:08:09 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Tulsi Greenlee		Support	No

Comments:

Aloha,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure. Tulsi Greenlee

**HB-2721**

Submitted on: 2/6/2018 11:39:31 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Norris Thomlinson		Support	No

Comments:

Since we haven't yet been able to ban toxic pesticides outright, we need to have access to information about what pesticides are in use near us, so we can make informed decisions about whether and how to mitigate their risks to us. This is especially critical for our children and elders, since they're more sensitive to the effects of chemicals.

Please support HB 2721 to give us this basic ability to protect ourselves. Thank you!



**HB-2721**

Submitted on: 2/6/2018 12:17:48 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Theodora Akau Gaspar		Support	No

Comments:

**HB-2721**

Submitted on: 2/6/2018 12:21:08 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
DONNIE BECKER		Support	Yes

Comments:

WE NEED "PROTECTION FROM DEADLY POISON"..

WTF..??

**HB-2721**

Submitted on: 2/6/2018 12:38:43 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Lawrence Ford		Support	No

Comments:

**HB-2721**

Submitted on: 2/6/2018 12:53:59 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Nathan Yuen		Support	No

Comments:

Dear Agriculture Committee Chair Creagan, Energy & Environmental Protection Chair Lee, and members of the two committees,

I strongly support HB 2721 which requires large scale users of pesticides to disclose what they are spraying and provide advance notice to the communities where pesticides will be sprayed.

Unregulated use of restricted use pesticides is a huge problem. Scientists have linked pesticides such as chlorpyrifos to developmental delays in new born and young children. We need to protect Hawaii's people from the unintended impacts of pesticide use by making large scale users of industrial pesticides disclose the restricted use pesticides they are using and to notify those who are most vulnerable to stay indoors when pesticides are sprayed.

Thank you for this opportunity to testify on this important measure. I urge you to pass HB2721 from your respective committees.

From: D <akekua@yahoo.com>  
Sent: Tuesday, February 6, 2018 11:00 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Dora Chang, Honolulu To: House Committee on Energy & Environmental Protection House Committee on Agriculture. Dear Chair Lee, Chair Creagan and Members of the Committee, I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas. I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma. At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray. Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid. Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Jan Barosh <janbarosh@gmail.com>  
Sent: Tuesday, February 6, 2018 1:39 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [  
Jan Barosh  
]  
[  
Honolulu  
]

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Katy Bayly <baylyk001@gmail.com>  
Sent: Tuesday, February 6, 2018 1:35 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [Katy Bayly  
Pukalani

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: marsha bellinger <marsha322@yahoo.com>  
Sent: Tuesday, February 6, 2018 1:06 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Marsha Bellinger  
Koloa

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

[Sent from Yahoo Mail on Android](#)



From: Maryvonne Bittner <mlbittner@hotmail.com>  
Sent: Tuesday, February 6, 2018 3:18 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [NAME]  
[TOWN]

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Beryl Blaich <punab4@gmail.com>  
Sent: Tuesday, February 6, 2018 3:02 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Beryl Blaich  
Kilauea, Hawaii 96754

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721 which requires disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I think this bill furthers the recommendations of the Kauai Joint Fact Finding process, strengthens the current voluntary program and is reasonable and precautionary public health measure.

Thank you for your consideration and work.

I, like so many other parents, grandparents, teachers and health professionals, would appreciate your support

With aloha,  
Beryl Blaich  
828-1438  
PO Box 1434  
Kilauea, HI 96754

From: Patricia Blair <patriciablair@msn.com>  
Sent: Tuesday, February 6, 2018 10:22 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [NAME] Patricia Blair  
[TOWN] Kailua

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Sent from my iPad

From: Kater Bourdon-Hiney <kateralisha@gmail.com>  
Sent: Tuesday, February 6, 2018 1:04 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [NAME]  
[TOWN]

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Mimsy Bouret <mimsyheart@gmail.com>  
Sent: Tuesday, February 6, 2018 1:30 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Miriam Bouret  
Hanalei

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: charles.brannen@yahoo.com  
Sent: Tuesday, February 6, 2018 12:23 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Charles Brannen , Pahoa Hawaii House Committee on Energy & Environmental Protection House Committee on Agriculture Dear Chair Lee, Chair Creagan and Members of the Committee, I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas. I am deeply concerned with the effects long- term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma. At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted- use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray. Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid. Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Nicole Brown <nlbrown623@yahoo.com>  
Sent: Tuesday, February 6, 2018 10:09 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Nicole Busto - Kula - House Committee on Energy & Environmental Protection House Committee on Agriculture  
Dear Chair Lee, Chair Creagan and Members of the Committee, I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas. I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma. At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray. Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a hard deadline for submission, so it's impossible to know if the data is accurate and valid. Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Barb Cee <kekahabarb@msn.com>  
Sent: Tuesday, February 6, 2018 11:01 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

Barb Childers  
Kekaha

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Sent from my iPad



From: Yvette Celiz <yceliz@outlook.com>  
Sent: Tuesday, February 6, 2018 10:37 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Yvette Celiz  
Lahaina, HI

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

---

Yvette Celiz  
868 Niheu Street  
Lahaina, HI 96761

From: Paula Cohen <alohaphap@aol.com>  
Sent: Tuesday, February 6, 2018 10:08 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

Paula Cohen  
Princeville

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Thank you,  
Paula Cohen

From: Maha Conyers <mahaconyers@gmail.com>  
Sent: Tuesday, February 6, 2018 12:15 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Rev. Maha Conyers  
Kula, HI

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

In fact growing plants and foods with pesticides and herbicides should be changed into only organic ways. There is plenty evidence that pesticides ruin our health and environment, but organic ways don't.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Tommy Cook / Gizmo Grafix <gizmografix@yahoo.com>  
Sent: Tuesday, February 6, 2018 1:42 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Tommy Cook , Kalaheo. House Committee on Energy & Environmental Protection House Committee on Agriculture Dear Chair Lee, Chair Creagan and Members of the Committee, I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas. I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma. At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agricultural companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agricultural companies say what they spray. Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid. Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

lowen2 - Heather

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From: Carol Culver <carol@dancekauai.com>  
Sent: Tuesday, February 6, 2018 1:56 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Carol Culver, resident of Kapaa, HI

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled <sup>3</sup>Pesticide Exposure in Children,<sup>2</sup> children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Carol Culver

From: Maureen Datta <mokdatta@gmail.com>  
Sent: Tuesday, February 6, 2018 12:02 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Maureen Datta  
Honaunau, South Kona, Hawaii Island

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Maureen Datta  
mokdatta@gmail.com

From: Caroline Delano <carolinesdelano@aol.com>  
Sent: Tuesday, February 6, 2018 10:36 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Caroline Delano, Pahoa, HI. House Committee on Energy & Environmental Protection House Committee on Agriculture Dear Chair Lee, Chair Creagan and Members of the Committee, I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas. I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma. At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray. Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid. Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

*Caroline*

Caroline Delano  
RR 2 Box 4792  
Pahoa, HI 96778  
808-965-6226

From: Susan Douglas <sd3@hawaii.rr.com>  
Sent: Tuesday, February 6, 2018 10:35 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [NAME]  
[TOWN]

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted- use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.



Warmest Mahalo and Aloha,

Susan Douglas

84A Iliwai Loop

(that's spelled I L I W A I)

Kihei, Maui, HI 96753

808 879 1112 (You can call 24/7, if you get my machine leave a long message. NO texts please.)

[sd3@hawaii.rr.com](mailto:sd3@hawaii.rr.com)

From: Marina Drummer <marina@communityfuturescollective.org>  
Sent: Tuesday, February 6, 2018 10:21 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

Marina Drummer  
Kilauea, HI 96754

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,

Marina Drummer  
P.O. Box 157  
Kilauea, HI 96754

From: Crystal Dudoit <crystal\_leilani@yahoo.com>  
Sent: Tuesday, February 6, 2018 11:04 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Crystal Dudoit  
Kailua Kona

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Sent from my iPhone

From: Mason Edmonds <edmondsmason3@gmail.com>  
Sent: Tuesday, February 6, 2018 1:18 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Mason Edmonds  
Kilauea, HI

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Sent from my iPhone

lowen2 - Heather

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From: floramarie@hawaiiantel.net  
Sent: Tuesday, February 6, 2018 11:22 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure

From: Flora Worth  
Lihue, HI

House Committee on Energy It is of the utmost urgency that we protect our health, our land and ocean from poisonous substances. This issue is that of life itself and the well being of future generations. We have a right to know what is being released into our environment.

From: Margery Freeman <freemanmargery@gmail.com>  
Sent: Tuesday, February 6, 2018 10:18 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Marge Freeman  
Kapaa, Kauai

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

Do not wait for PROOF of damage to children and adults. Assume harm until any spray is PROVED to be safe.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Marge

From: Wendy Gibson <wendygibson9@gmail.com>  
Sent: Tuesday, February 6, 2018 10:12 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From Wendy Gibson R.N.  
February 6, 2018

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure

Wendy Gibson R.N.

From: Rebecca Gorsline <shinyhappyislandgrl@yahoo.com>  
Sent: Tuesday, February 6, 2018 10:06 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [NAME] [TOWN] House Committee on Energy & Environmental Protection House Committee on Agriculture Dear Chair Lee, Chair Creagan and Members of the Committee, I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas. I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma. At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray. Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid. Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Shine Bright,

Rebecca



From: Ted Greenwald <tedgreenwaldhi@gmail.com>  
Sent: Tuesday, February 6, 2018 1:42 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [NAME]  
[TOWN]

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am very concerned about the damaging health effects of these toxic substances and I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Elizabeth Hagen <elizabeth.m.hagen@gmail.com>  
Sent: Tuesday, February 6, 2018 1:00 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Elizabeth Hagen  
Anahola, HI

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

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From: Joan Heller <myoho@hawaii.rr.com>  
Sent: Tuesday, February 6, 2018 10:31 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Joan Heller  
Lawai

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

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Advanced notification disclosing pesticide

From: Matt Hovland <hvaloha@gmail.com>  
Sent: Tuesday, February 6, 2018 10:22 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Matt Hovland  
Kalaheo, HI

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Bianca Isaki <bianca@kahea.org>  
Sent: Tuesday, February 6, 2018 11:03 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [NAME]  
[TOWN]

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

lowen2 - Heather

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From: Elizabeth Jordan <eljordan@yahoo.com>  
Sent: Tuesday, February 6, 2018 10:54 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

Elizabeth Jordan  
Mākaha

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I'm tired of getting a headache and sneezing and sneezing and sneezing when I go to Kaua'i to visit.

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Sent from my iPhone

From: Josiah Jurich <josiah.jurich@gmail.com>  
Sent: Tuesday, February 6, 2018 12:06 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [Josiah D Jurich]  
[Kapaa]

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

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From: Jay Kechloian <kauaijk@gmail.com>  
Sent: Tuesday, February 6, 2018 1:45 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: John Kechloian  
Koloa, Kauai, 96756

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.



From: Kyle Kennedy <kylekenne@gmail.com>  
Sent: Tuesday, February 6, 2018 10:46 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Kyle Kennedy  
Ho'olehua

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides.

We have a right to know what is going into the land of Hawai'i regardless of it's location. Poisons and pesticides need to be banned and other safer and more sustainable methods need to be implemented as soon as possible.

Also, open field agriculture as seen with companies such as Monsanto where many acres are disced with tractors contributes to global warming and ecological disturbance.

Please help Hawai'i transition away from chemical farming and instead implement organic agriculture.

Mahalo,

Kyle Kennedy

From: Carrie Kinkade <lovinmaui@gmail.com>  
Sent: Tuesday, February 6, 2018 1:12 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Carrie Kinkade  
Lahaina

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

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Advanced notification disclosing pesticide  
Sent from [Mail](#) for Windows 10

From: stephen van kleef <svankleef@yahoo.com>  
Sent: Tuesday, February 6, 2018 11:37 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

Stephen VanKleef From: Kihei

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Sent from my iPhone

From: Marjorie Lewis <marjorie.lewis7@hawaiiantel.net>  
Sent: Tuesday, February 6, 2018 10:09 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [NAME]  
[TOWN]

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Marjorie Lewis

From: Amy Lynn <amyteresalynn@yahoo.com>  
Sent: Tuesday, February 6, 2018 10:15 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [Amy Teresa] [Waikoloa] House Committee on Energy & Environmental Protection House Committee on Agriculture  
Dear Chair Lee, Chair Creagan and Members of the Committee, I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas. I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma. At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray. Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary

Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid. Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Joan Maas <joanmaas@aol.com>  
Sent: Tuesday, February 6, 2018 11:22 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Joan Maas  
Princeville, HI

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Malcolm Mackey <ozymandias35@hotmail.com>  
Sent: Tuesday, February 6, 2018 11:08 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: malcolm mackey  
Kaunakakai

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.



From: Na Maka o ka `Aina <namaka@interpac.net>  
Sent: Tuesday, February 6, 2018 2:38 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Joan Lander  
Na'alehu, HI

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Momi V <momiv808@gmail.com>  
Sent: Tuesday, February 6, 2018 2:47 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: R Momi Ventura  
Honolulu, Hawai'i

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

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Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please don't think twice about this public health Alert, and give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure. Thank You from the children and elderly who will eventually need medical help with these Overused Pesticides..

From: John Naylor <johnnaylor@kula.us>  
Sent: Tuesday, February 6, 2018 2:41 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [NAME]  
[TOWN]

House Committee on Energy & Environmental Protection House Committee on Agriculture

Aloha Chair Lee, Chair Creagan and Members of the Committee,

It's time "We the People" are protected!!!

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Very Sincerely,  
John Naylor  
PO Box 1749  
Makawao, HI 96768

From: nix@lifeislight.com  
Sent: Tuesday, February 6, 2018 10:24 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Debra Nix, Kihei, HI,  
House Committee on Energy & Environmental Protection House Committee on  
Agriculture Dear Chair Lee, Chair Creagan and Members of the Committee, I am  
writing to urge your strong support of HB 2721. This bill requires that the state protect  
our residents.

Pesticides are poison and every person alive has detectable amounts in them. Can this  
be a contributing factor in all disease?

Please perform your sworn duty to protect the people.  
Thank you,  
Debra

Confidentiality Notice: This email is intended only for the person or entity to which it is  
addressed and may contain confidential information. Any review, retransmission,  
dissemination or other use of, or taking of any action in reliance upon, this information  
by persons or entities other than the intended recipient is prohibited. If you receive this  
email in error, please contact the sender by replying to this email and delete this email  
and any attachments from all computers without reading or saving the same in any  
matter whatsoever.

From: Polli Oliver <pollioliver@hotmail.com>  
Sent: Tuesday, February 6, 2018 12:10 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Polli Oliver  
Koloa

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing because I STRONGLY support the passing of HB2721 and to urge your strong support of this bill. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Swami Om <dalomilady@gmail.com>  
Sent: Tuesday, February 6, 2018 10:43 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

Swami M. Om

Kealahkekua, HI 96750

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

lowen2 - Heather

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From: Joshua Owens <joshwa73@hotmail.com>  
Sent: Tuesday, February 6, 2018 2:09 PM  
To: EEPtestimony  
Subject: Pass HB 2721

From: Joshua Owens  
Kapaa, Kauai

Aloha,  
House Committee on Energy & Environmental Protection  
House Committee on Agriculture

I am writing in support of a basic human right that citizens of Hawaii do not have. The freedom to know what corporations are doing to our people and our environment. Disclosure is a simple act that has very little impact on the companies pumping toxins and chemicals into our environments. Disclosure has huge benefits for the islands people. We do not want to revisit the past when Agent Orange was tested on Kauai and only later shared and then prohibited outright due to the ungodly effects it had on people, let alone wildlife. Please respect and protect the aina and the states population, pass HB 2721.

Sincerely Yours,  
Joshua Owens  
808-754-5929

From: Don Penner <doninhawaii@gmail.com>  
Sent: Tuesday, February 6, 2018 12:07 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Don Penner  
Kailua Kona

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.



From: Allan Rachap <allanjudy@gmail.com>  
Sent: Tuesday, February 6, 2018 11:42 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

Allan Rachap  
Koloa

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Tony Radmilovich <radmilovich@yahoo.com>  
Sent: Tuesday, February 6, 2018 11:05 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [NAME] [TOWN] House Committee on Energy & Environmental Protection House Committee on Agriculture Dear Chair Lee, Chair Creagan and Members of the Committee, I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas. I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma. At last count, there are at least 27 schools in Hawai`i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray. Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua`i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid. Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Frances Salvato <st.fjames@gmail.com>  
Sent: Tuesday, February 6, 2018 10:36 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Frances Salvato  
Pukalani

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely, Frances Salvato  
Sent from my iPhone

From: griet de schaepmeester <grietds@yahoo.com>  
Sent: Tuesday, February 6, 2018 11:54 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Griet De Schaepmeester  
Kapa'a

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Mike Schwartz <mschwartz98110@yahoo.com>  
Sent: Tuesday, February 6, 2018 1:39 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Michael Schwartz, Moloka'i Bay, Kilauea

To: House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee, I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas. I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma. At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agricultural companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agricultural companies say what they spray. Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a hard deadline for submission, so it's impossible to know if the data is accurate and valid. Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: karen seaton <krnseaton@gmail.com>  
Sent: Tuesday, February 6, 2018 12:11 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

Karen Seaton  
Former resident of Kekaha , for 15 yrs.

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I was a home health nurse in the Kekaha area, lived right beside these pesticide ridden fields. Witnessed, firsthand, the cluster of bowel to brain cancers in the area. This cluster was never caught up in a statistical database, but the cost these patients, and their families paid, was a fatal one. These companies have gotten away with murder for far too long.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Karen Seaton R.N.

From: Stephanie Seneff <seneff@csail.mit.edu>  
Sent: Tuesday, February 6, 2018 11:21 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Stephanie Seneff  
Princeville, HI

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Stephanie

--

Stephanie Seneff  
Senior Research Scientist  
MIT Computer Science and Artificial Intelligence Laboratory

From: Forest Shomer <inspass@whidbey.net>  
Sent: Tuesday, February 6, 2018 2:04 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Forest Shomer  
Kapa'a

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.



From: Jody Smith <smithjos@hawaii.edu>  
Sent: Tuesday, February 6, 2018 11:34 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

**From:**  
Jody Smith  
Honolulu

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: Danielle Spitz <dspitzrealtor@gmail.com>  
Sent: Tuesday, February 6, 2018 1:21 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Danielle Spitz  
Kamuela, HI

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: John Teschner <johnteschner@gmail.com>  
Sent: Tuesday, February 6, 2018 12:45 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: John Teschner  
Moloaa, Kauai

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

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From: Anne Thurston <athurston@irmt.org>  
Sent: Tuesday, February 6, 2018 10:34 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

Anne Thurston  
Princeville 96722

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas. This is the right thing to do.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma. I believe that our representatives will endorse these aims.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure. Please support our our interests.

From: Sarah Wall <sarawallphoto@icloud.com>  
Sent: Tuesday, February 6, 2018 10:52 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

Sara Wall  
Kilauea

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Sara Wall

Sent from my iPhone

From: Ben Welborn <ben@kauaistyle.com>  
Sent: Tuesday, February 6, 2018 12:14 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Ben Welborn  
Hanalei, Kauai, Hawaii

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

--

**Ben Welborn**  
**Landmark Consulting Services**  
*P.O. Box 915, Hanalei, HI 96714*  
*Cell: 808-639-7978*  
*Fax: 866-511-7250*  
*Email: [ben@kauaistyle.com](mailto:ben@kauaistyle.com)*



From: douglas wilmore <wilmore002@hawaii.rr.com>  
Sent: Tuesday, February 6, 2018 11:07 AM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: douglas wilmore[

kilauea

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

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Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.



**HB-2721**

Submitted on: 2/6/2018 2:50:23 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Alana Dandrea		Support	No

## Comments:

Aloha I am writing in strong support of HB2721. This bill requires the state to protect and disclose toxic chemicals and pesticides. We all need and want to feel safe here in our home Hawaii. Please pass this bill and let us all know the truth of what is in these pesticides. We need our future generation to be safe and we all need to know what is going on. Please support this bill.

Mahalo,

Alana D'Andrea

28 Laupapa place

haiku, hi 96708

8082699347

**HB-2721**

Submitted on: 2/6/2018 3:03:50 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Tina Wildberger	Supporters for Tina Wildberger	Support	No

Comments:

Aloha,

I would like to support this bill to mandate disclosure of restricted use pesticides and notification to adjacent communities. People have the right to know what they are being exposed to during the normal enjoyment of their domiciles, learning institutions or gathering places. Mahalo.

**HB-2721**

Submitted on: 2/6/2018 3:32:20 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Clarence Ching		Support	No

Comments:

This bill will enhance public safety and provide protection (by notification) of those members of the community who need to be protected the most.

**HB-2721**

Submitted on: 2/6/2018 4:08:08 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lois Crozer		Support	No

Comments:

**HB-2721**

Submitted on: 2/6/2018 3:22:15 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Debra Koonohiokala Norenberg		Support	No

Comments:

**HB-2721**

Submitted on: 2/6/2018 4:11:14 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Tasia Y		Support	No

Comments:

Aloha kākou-

I am writing in strong support of HB 2721.

Seeing as a significant portion of Hawai'i's land is leased to biochemical companies which spray restricted-use pesticides/herbicides on their crops, this bill is a necessity. I'm actually shocked that something like this has not been passed earlier.

The fact that these sites are located so close to schools, hospitals, residences, etc and are not required to disclose when they're planning to apply pesticides or how much and what they have sprayed is unconscionable. It should be the state's job to make it mandatory for them to disclose this information. It does not make sense to rely on these companies' goodwill to disclose information, hold themselves accountable, or care about our communities' health over their profit line.

This is not about farming. These large use pesticide users are not farmers. There is a difference between Big Ag which, among other things, are using huge amounts of pesticides for their experimental gmo seeds and small farmers who are actually growing food to feed our communities. We must legislatively support and value the health and lives of those who are forced to be neighbors with these large companies' test fields.

I strongly urge you to support HB2721- for our keiki, our kāpuna, our communities, and our 'āina.

**HB-2721**

Submitted on: 2/6/2018 4:21:34 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Erika Lechuga Disalvo		Support	No

Comments:

**HB-2721**

Submitted on: 2/6/2018 4:34:56 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Susan Douglas		Support	No

Comments:



**HB-2721**

Submitted on: 2/6/2018 4:53:48 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Bonnie Marsh	UpCountry Doctor	Support	No

Comments:

I am in full support of setting up a mandatory pesticide disclosure program for the protection of our citizens throughout the islands.

**HB-2721**

Submitted on: 2/6/2018 5:40:39 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Heidi Erhardt		Support	No

## Comments:

HB 2721 is an obvious educated choice to support healthy communities and healthy ecosystems. Because this bill establishes disclosure and public notification requirements for outdoor application of restricted use pesticides in various areas, people have the option to protect themselves. It's the least we can offer families, the right to protect their children from harmful pesticides...

Heidi Erhardt

Teacher, Mother, Community Member

**HB-2721**

Submitted on: 2/6/2018 5:41:28 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

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

## Comments:

This issue is extremely important to my community on Kauai. Hawai'i's communities have no choice but to live, work, and commute daily in areas under threat of toxic pesticide drift – and they do not have access to information that would allow them to protect themselves from this vital threat. Children in utero and early childhood who are exposed to low-level restricted use pesticides are at risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

No matter how much Corporate agriculture argues against this, this is a small ask to protect our communities. This bill will not effect small farmers through out the state.

**HB-2721**

Submitted on: 2/6/2018 6:06:50 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Steve Slater	Mr.	Support	No

## Comments:

It is baffling to me how it is not already be the case that disclosure of pesticides and herbicides used it's not already required. For years I've been looking at mandated labels on bottled water informing me that the water contains zero protein. I've seen the most minuscule amounts of ingredients listed not only on regular food products but on condiments, where extremely small amounts are even used. How can we possibly allow non-disclosure of substances that can have such an enormous effect, even in microscopic doses. Can anyone who believes in protecting the health of our citizens really be against this disclosure? I'm responsible if a complete stranger steps on my land and slipped on a banana peel. And yet we can allow a complete lack of responsibility by allowing this hiding of the use of such potentially toxic substances.

The special interests that try to convince lawmakers that there are trade secrets which need to be protected, know very well that it's almost impossible to test for a chemical substance if you don't know what you're testing for. Therefore if the public can't, test they don't have any legal risk even when making massive mistakes.

**HB-2721**

Submitted on: 2/6/2018 6:17:27 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

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

Comments:

Strongly Support disclosure of toxic chemicals used on the 'Ä• ina, and especially near people and other living things.

[www.WeAreOne.cc](http://www.WeAreOne.cc)

**HB-2721**

Submitted on: 2/6/2018 6:28:39 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

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

Comments:

**HB-2721**

Submitted on: 2/6/2018 6:37:42 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Barbara Best		Support	No

Comments:

**HB-2721**

Submitted on: 2/6/2018 6:48:40 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

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

## Comments:

It is everyone's job to protect our kekei , our kupuna and the most vulnerable. If we cannot eliminate the near by dangers, minimally we need to alert them of dangers. Please support this bill Mahalo,

Mike Moran Kihei, Maui



**HB-2721**

Submitted on: 2/6/2018 7:08:02 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
laura Ramirez		Support	No

## Comments:

Aloha, as the aunty and caretaker of my 17 month old nephew, I strongly support HB2721. I am concerned about his health and the known risks to child brain development due to pesticide exposure. None of us want our keiki to suffer from asthma, ADHD, autism, or cancer. The chemical and agricultural corporations cannot be trusted to provide complete, accurate, and timely voluntary disclosure. We need the state to take a common sense stand and protect our children. Mahalo

**HB-2721**

Submitted on: 2/6/2018 7:11:57 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Joni Kamiya		Oppose	No

Comments:

Aloha Chairpersons and Committee members,

Let's be clear that a buffer zone bill aimed at big ag is seemingly innocuous but in reality, a threat to all farms. Our three fields that make up our farm and are nearby to the areas outlined in the bill. If we buy a certain quantity of a pesticide, we may face these buffer zones even though we don't even use that quantity. Do you want small farmers to be burdened by these laws that aren't based in fact but fear mongering?

Please do NOT SUPPORT ANY LEGISLATION FROM an outside group like the Center for Food Safety. They are only using Hawaii to fundraise for their own salaries and use the pesticide issue to keep biotechnology from small subsistence farmers in developing countries. (They have directed funds to Africa and Asia according to their own tax filings.)

They TALK about protecting children but have given nothing for them in any of our communities. Instead they fear monger so that real farmers face harassment and vandalism. My dad has faced a fearful woman who was afraid of the sulfur spray he uses to protect his crop. She kicked down this trees attached to this. Thankfully, she made a realization that we aren't the bad guys and apologized a few months later.

The truth of these buffer zones is nothing about pesticides. If it were about pesticides, all users should covered by this law. The telephone poles treatments, structural and landscape applications, hotel industry, golf courses, and anyone else should be required to follow these laws. Note how it only targets agriculture despite multiple users of RUPs. The facts of the matter is that the organic industry activists could not find definitive evidence of harm with GMOs so they chose chemophobia. Conflating the two issues have been effective at getting your attention and you're sitting here contemplating this issue.

Not too long ago, farmers were the friends of the community and well-respected. Agriculture is what built Hawai'i. For me, it is my roots and my ohana. I cannot stand by and see outside interests take away a technology and tools that saved our farm by not being honest about the facts.

The farming families make up less than 2% of the population so our voices are not as loud as the supporters. Just because our voices aren't as loud, it doesn't mean we don't deserve to have fair laws made for all citizens. We feed thousands of people every week for nearly 50 years and know we practice safe farming methods. My dad is 76 years old and still tending to his crops some 60 hours a week. If you've ever met him, he is the nicest, most generous man who works unbelievably hard. That's why you won't see him there testifying because he's working on the farm.

As a leader of the people, each person considering this piece of legislation is telling him that his dedication to farming must end as you plan on taking away a piece of healthy earth that he miraculously uses to feed the people of Hawaii. Agriculture is our family's contribution to the people of Hawaii.

Please take a brave but unpopular stance to stand for our farmers. It's time to restore the public's faith in farming families again. Hawaii can't afford to lose more farmers because of politics.

**HB-2721**

Submitted on: 2/6/2018 7:12:42 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lori	HPU	Support	No

## Comments:

Chair Lee, Chair Creagan, Vice Chair DeCoite, and Members of the House Committee on Energy & Environmental Protection, as well as House Committee on Agriculture,

"Scientists have definitively linked pesticides such as chlorpyrifos to developmental delays in children, and other toxic exposure to pesticides during fetal, neonatal, and infant life will disrupt critical development processes. Life-long pesticide exposure for those living in exposed areas has been linked to long-term health effects, including cancer and other serious diseases, decreased cognitive function, and behavioral problems." - HB2721

To me personally, this shouldn't even have to be discussed. There should be no argument against wanting to protect our children and families from the dangers of pesticides. The least our government can do for us is mandate pesticide disclosure so that the public, at the very least, has knowledge of when and where sprayings are happening and can make educated decisions on how to protect themselves and their families.

I honestly couldn't support this measure more than I already do. I would prefer to even go a few steps further in prohibiting restricted-use pesticides all together on the island. Restricted-use pesticides are not good for us, our lands, or animals; it does not represent Mālama Hawaii, Mālama 'Āina, or Mālama Kanaka.

On behalf of myself, and I'm sure many others, thank you for hearing this bill and considering the protection of our lands, people, and most importantly, keiki! You have a great opportunity in front of you to make big positive changes that will affect many here in Hawaii.

Mahalo for your time and consideration of this bill,

with my aloha,

Lori Mallini

**HB-2721**

Submitted on: 2/6/2018 7:17:51 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ember Behrendt		Support	No

## Comments:

I Strongly Support this bill so that we can begin to better protect ourselves, especially the most vulnerable, our children, from the toxicity of pesticides. These chemicals are responsible for many cancers, especially reproductive/hormonal cancers. They also kill fish and many important sea creatures when the pesticides run off into the ocean. My biggest concern is that we are all, including the polluters, accumulating alarming levels of pesticides in our bodies. Many of these pesticides are shown to feminize both animals and humans! This bill is long overdue and I would prefer to see an outright ban.

**HB-2721**

Submitted on: 2/6/2018 7:52:41 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Lauren Ampolos		Support	No

Comments:

**HB-2721**

Submitted on: 2/6/2018 8:18:33 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

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

Comments:

**HB-2721**

Submitted on: 2/6/2018 8:25:03 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
tlaloc tokuda	n/a	Support	No

## Comments:

Aloha, I belong o HAPA and our platform tries to restrict toxic biocides and promotes sustainable/regenerative agriculture. **HB 2721 is a much needed bill so that we who live in Hawaii and are exposed to verty toxic biocides will give us knowledge of when and where the merchants of toxins will spray.**

Mandatory public disclosure will ensure that industrial agriculture is held responsible for the potential impacts of its pesticides on human health and the environment.  
Mahalo for your consideration,

Tlaloc Tokuda



**HB-2721**

Submitted on: 2/6/2018 8:30:30 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ted Bohlen		Support	No

Comments:

**HB-2721**

Submitted on: 2/6/2018 10:01:16 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

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

## Comments:

Our environment is a major determinant factor on our health. It is our right to know how our environment impacts us, particularly those of us who are most sensitive: children, elderly, infirm. Establish public notification requirements. Thank you.

**HB-2721**

Submitted on: 2/6/2018 10:25:22 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
joan Levy	Joan Levy	Support	No

## Comments:

I am writing in support of HB2721. There is so much evidence that many pesticides used are harmful both to the environment and to animal and human life. It seems a reasonable request to ask that we be notified what the chemicals are and when they will be put into the air that we and our children and our elders will be breathing. Personally I think it should have been company policy from the getgo to let people know what and when they will be spraying. But since profit is their only motive, we, the people, must rely on a legislative order!!

I urge you to stop the chemical companies from their rampant lack of care for the land,, the air, the sea and all life therein!

Vote yes for hb 2721!

sincerely, joan Levy

Joan Levy, Kapaa resident Kauai

**HB-2721**

Submitted on: 2/7/2018 12:08:17 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
MaryAnn Omerod		Support	No

Comments:

I Strongly Support HB 2721

Establishes the state's first mandatory pesticide disclosure program for high volume users and establishing public notification requirements when pesticides are sprayed in the proximity of schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

**HB-2721**

Submitted on: 2/7/2018 7:17:33 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Nicholle S L Konanui		Support	No

## Comments:

I support the establishment public notification requirements when pesticides are sprayed in proximity of schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

Mahalo

**HB-2721**

Submitted on: 2/7/2018 7:28:46 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

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

## Comments:

It is important to protect schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas from hazardous chemicals.

**HB-2721**

Submitted on: 2/7/2018 7:56:26 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Briana Hurley		Support	No

Comments:

From: Cherie Kinchloe <cheriepaddle@gmail.com>  
Sent: Tuesday, February 6, 2018 12:25 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [cherie kinchloe]  
[Kalaheo]

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.



**HB-2721**

Submitted on: 2/7/2018 9:43:09 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Julian Miller		Support	No

Comments:

Transparency/public disclosure in spraying is essential to a free society. For researchers being able to link problems with their cause is essential.

**HB-2721**

Submitted on: 2/7/2018 9:48:30 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
James Long		Support	No

## Comments:

I support HB 2721, creating a mandatory pesticide disclosure program and notification requirements. It's about time, it's past time, but not too late to protect our keiki and island residents from exposure to toxic pesticides. However, I believe we can do more and do better to ban pesticide use around schools or health, child or elder care facilities once and for all. Mahalo

**HB-2721**

Submitted on: 2/7/2018 10:03:08 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
William Navran		Support	No

Comments:

**HB-2721**

Submitted on: 2/7/2018 10:23:27 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Karen Chun	many different	Support	No

## Comments:

In 2013 I and my entire Ku'au Bayview neighborhood were oversprayed by A&B with a mixture of herbicides including some RUPs. Since I received no warning of the spraying, I did not close up my windows. In fact, I and a neighbor were outside walking when the cloud of pesticides rolled over us.

Pesticide Dept swabbed the interior of my home. My bedroom was contaminated by 5 herbicides. Some of those have been implicated in autoimmune diseases such as diabetes.

Subsequent to that I got diabetes and had to go on medication. Whether or not being over-sprayed brought about the diabetes, I should have been given notification so that I could leave or at the very least close my windows.

BTW, Pesticide branch STILL has not done anything about my case even though their own tests showed my house was ILLEGALLY contaminated with restricted-use pesticides. That is why we must be given information so that we can protect ourselves. The state is falling down on their job.

Note that a very inexpensive and easy to use disclosure system is described here: <http://karenchun.com/pesticide/>

**HB-2721**

Submitted on: 2/7/2018 11:32:00 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jan TenBruggencate		Oppose	No

Comments:

Aloha Legislators,

Hawaii and our nation have a robust regulatory system for the use of agricultural pesticides. It is a science and risk-based system that has protected our population well, and which continues to fine tune the appropriate use of agricultural chemicals to protect public safety.

In my view, House Bills 1756, 2722 and 2721 create dangerous precedent. Allowing activist sentiment rather than sober scientific assessment to drive public policy is a slippery slope. It places our community at greater risk.

And at a time when we desperately need more farming for local food production, it is counterproductive to throw more roadblocks in the path of the few hard-working individuals willing to till the land.

Thanks for your attention.

Jan TenBruggencate

tenbrug@yahoo.com

808-639-9900

**HB-2721**

Submitted on: 2/7/2018 10:44:18 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Terry Huth		Support	No

Comments:

I strongly support this bill.

Hawai'i's communities have no choice but to live, work, and commute daily in areas under threat of toxic pesticide drift – and they do not have access to information that would allow them to protect themselves from this vital threat. Disclosure is a modest ask for communities that have been fighting for pesticide regulation reform.

Thank you for your support to protect the people and 'aina of Hawai'i.

**HB-2721**

Submitted on: 2/7/2018 11:55:43 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Anna Barbeau	self	Support	No

Comments:

Stop the chemical spraying completely. Then u won't hv 2 send out alerts. Stop the poison 4 profit.

**HB-2721**

Submitted on: 2/7/2018 12:50:17 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Margaret Maupin		Support	No

Comments:



**HB-2721**

Submitted on: 2/7/2018 1:07:07 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
lauryn rego		Support	No

Comments:

**HB-2721**

Submitted on: 2/7/2018 2:01:27 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
A Kathleen Lee		Support	No

## Comments:

Aloha Brave & Wise Representatives of the meekest amongst us,

This bill is so obvious, except for the fact that there is SO MUCH Political Power and Money against it; fearing that it will set precedents. Data like the following make it urgent to pass this bill.

"Institute for Responsible Technology These glyphosate-resistant weeds have more than doubled since 2009 and are currently spread over 70 million acres. US Navy Nancy Swanson realized that it is possible to examine the health status of the nation before and after the introduction of GM food and the sharp increase in glyphosate herbicides that went with it. **What she and her colleagues found was devastating.** In February last year a group of international scientists published a [consensus statement](#) drawing attention to the risks posed by rising levels of exposure to glyphosate-based herbicides (GBHs), especially in the light of glyphosate's classification by the World Health Organization's cancer agency IARC as a probable carcinogen. The scientists noted endocrine (hormone) disrupting effects of glyphosate herbicides in test-tube experiments and called for more studies to clarify whether levels present in foods and the environment can cause such effects in living humans. From; *Dr Ramon Seidler, PhD, is a retired senior research scientist and Team Leader of the Genetically Engineered Organism biosafety program within the US EPA and former Professor of Microbiology at Oregon State University.*

Institute for Science in Society: Over the past fifteen or twenty years there has been a large increase in the number of Americans suffering from a whole range of chronic diseases. This is the same period over which there has been a very large increase both in GM crops and in the use of glyphosate-based herbicides [10]. The team have made use of the best available government data from the Centers for Disease Control (CDC) for the incidence of diseases, and the Department of Agriculture (USDA) for GM crops grown and glyphosate herbicide used.

WHAT ARE WE DOING AS ADULTS in our civilization if we cannot FIRST PROTECT our keiki, school children, hospital patients and kupuna?

Mahalo for me and my ohana, April Lee; Hawi HI

PS I won in genetics in my HS & at the State level science fair in 1966 and have taken 5 terms of college chemistry

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**HB-2721**

Submitted on: 2/7/2018 2:28:16 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
pat gegen		Support	No

Comments:

Please be prudent and protect our children, families and communities

lowen2 - Heather

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From: Paul TROY <alohifarm@gmail.com>  
Sent: Wednesday, February 7, 2018 2:00 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

From: sioakimi@everyactioncustom.com on behalf of Sandi Ioakimi  
<sioakimi@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 9:03 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Sandi Ioakimi  
7 Omaka Pl Kihei, HI 96753-7107

From: reikitaichichih@everyactioncustom.com on behalf of Sharron Cushman  
<reikitaichichih@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 6:35 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

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Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Sharron Cushman  
HC 2 Box 6467 Keaau, HI 96749-9329

From: Stacie Sasagawa <ssasagawa@hawaii.rr.com>  
Sent: Tuesday, February 6, 2018 8:16 PM  
To: EEPtestimony  
Subject: Regarding HB 2721 - Relating to Environmental Protection (Oppose)

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION AND AGRICULTURE February 8, 2018, 10:30 a.m.  
Conference Room 325  
Regarding HB 2721 - Relating to Environmental Protection

I am writing to respectfully request that you oppose HB 2721. This bill is bad for farming in Hawaii and would establish problematic new pesticide regulations for farmers. There have been numerous attempts to go after the large agricultural entities in the state but this bill has an impact on all of agriculture. There seems to be little regard for or understanding of the existing labels on pesticides. These are the laws that need to be enforced; there is no need to add more.

Agriculture is already a very regulated sector. Considerable effort goes in at the federal level to develop the label to protect the environment and the public. Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. It would help for everyone to understand the regulatory process before adding more cumbersome non-science-based restrictions without supporting data. What we need are the resources to educate the masses based on truth, not fear.

Thank you for this opportunity to provide input. I respectfully ask you to say no to this proposal.

Mahalo

Stacie Sasagawa



lowen2 - Heather

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From: amrotholz@everyactioncustom.com on behalf of Abigail Rotholz  
<amrotholz@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 6:36 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

Pesticides are made to kill, and should have no place on our islands, especially without us knowing what is being sprayed!

I am writing to urge your strong support of HB 2721 to require disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Abigail Rotholz  
2126 Waianuenue Ave Hilo, HI 96720-1213

From: Alana.Ross@everyactioncustom.com on behalf of Alana Ross  
<Alana.Ross@everyactioncustom.com>  
Sent: Wednesday, February 7, 2018 9:09 AM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Alana Ross  
PO Box 964 Hana, HI 96713-0964

From: Ranaella Steinberg <kaiwahine1@hawaii.rr.com>  
Sent: Tuesday, February 6, 2018 8:49 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

Dr. Steinberg  
Kilauea, HI

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

I could understand pushback if we were asking them to stop using the pesticides, but I cannot understand how anyone can defend these companies from not disclosing when and what they are spraying!

Sincerely,  
Kimberly Steinberg, DVM

From: Joanna Pokipala <ygetemail@yahoo.com>  
Sent: Tuesday, February 6, 2018 8:01 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Vince Resurrection  
Honolulu

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Vince

lowen2 - Heather

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From: Silvia Barber <gianetti.barber@gmail.com>  
Sent: Wednesday, February 7, 2018 2:09 PM  
To: EEPtestimony  
Subject: Regarding HB 2721 - Relating to Environmental Protection (Oppose)

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION AND AGRICULTURE February 8, 2018, 10:30 a.m.  
Conference Room 325  
Regarding HB 2721 - Relating to Environmental Protection

I am opposed to HB 2721, as it divides the farming community and narrowly targets a small group of well-trained pesticide users.

HB 2721 calls for mandatory buffer zones that could significantly reduce farmable acres. The EPA already registers all products and includes a specific set of conditions for each product based on years of testing. Among these conditions are buffer zones that have been established through science-based evaluation.

There isn't a need for more regulation and I'm concerned about the unintended consequences to the typical farms in Hawaii should mandatory buffer zones be expanded.

Please oppose HB 2721.

Mahalo

Silvia Barber

From: passionatelyrawfood@everyactioncustom.com on behalf of Jessica Maine  
<passionatelyrawfood@everyactioncustom.com>  
Sent: Wednesday, February 7, 2018 2:28 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Jessica Maine  
83 -5599 Middle Keel Rd Captain Cook, HI 96704-8314

From: jpappas60@everyactioncustom.com on behalf of Janet Pappas <jpappas60@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 5:43 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I urge you to strongly support HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas. This does not seem like too much to ask for our children, our elders and their teachers and caretakers.

I am concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

There are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of HB 2721.

Sincerely,  
Jan Pappas  
Aiea, Hawaii

Sincerely,  
Janet Pappas  
98 -1287 Akaaka St Aiea, HI 96701-3044

From: marypapish808@everyactioncustom.com on behalf of mary Papish <marypapish808@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 6:45 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
mary Papish  
405 Kalama St Apt D Kailua, HI 96734-2076



From: Vanessa Owens <owens@kapaahs.k12.hi.us>  
Sent: Tuesday, February 6, 2018 5:55 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Vanessa Owens  
Kapa'a

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

From: kai.nishiki@everyactioncustom.com on behalf of Kai Nishiki  
<kai.nishiki@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 4:38 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Kai Nishiki  
1676 AA St Lahaina, HI 96761-1800

lowen2 - Heather

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From: Alika Napier <aliks1011@gmail.com>  
Sent: Tuesday, February 6, 2018 5:43 PM  
To: EEPtestimony  
Subject: Regarding HB 2721 - Relating to Environmental Protection (Oppose)

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION AND AGRICULTURE February 8, 2018, 10:30 a.m.  
Conference Room 325  
Regarding HB 2721 - Relating to Environmental Protection

I am opposed to HB 2721, as it divides the farming community and narrowly targets a small group of well-trained pesticide users.

HB 2721 calls for mandatory buffer zones that could significantly reduce farmable acres. The EPA already registers all products and includes a specific set of conditions for each product based on years of testing. Among these conditions are buffer zones that have been established through science-based evaluation.

There isn't a need for more regulation and I'm concerned about the unintended consequences to the typical farms in Hawaii should mandatory buffer zones be expanded.

Please oppose HB 2721.

Mahalo

Alika Napier

From: ssmoore72@everyactioncustom.com on behalf of Sherrie Moore <:ssmoore72@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 4:30 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Sherrie Moore  
RR 3 Box 1302 Pahoehoe, HI 96778-7518

lowen2 - Heather

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From: sddlup50@everyactioncustom.com on behalf of janet mishler <sddlup50@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 5:27 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
janet mishler  
1511 Polipoli Rd Kula, HI 96790-7523

lowen2 - Heather

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From: John McMillan <lycianthes@gmail.com>  
Sent: Wednesday, February 7, 2018 1:48 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

From: Joe McClure <jamccclu34@gmail.com>  
Sent: Tuesday, February 6, 2018 5:17 PM  
To: EEPtestimony  
Subject: Regarding HB 2721 - Relating to Environmental Protection (Oppose)

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION AND AGRICULTURE February 8, 2018, 10:30 a.m.  
Conference Room 325  
Regarding HB 2721 - Relating to Environmental Protection

I respectfully oppose HB 2721, which would establish pesticide disclosure and public notification requirements for large-scale, outdoor commercial agricultural operations.

This bill is unnecessary. The EPA and Hawaii Dept. of Agriculture already regulate the use of pesticides. The potential impacts on health and the environment are examined, and strict federal and state laws are in place to dictate how each pesticide is used and also establishes notifications, worker protections, buffers, and record-keeping that is required.

I respectfully ask the committee to consider the ever-increasing federal and state regulations and its impact on local growers and determine whether or not there is a real need for these restrictions.

Mahalo

Joe McClure

From: Sulara James <sulara@mind.net>  
Sent: Tuesday, February 6, 2018 4:20 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Sulara James  
Kihei

House Committee on Energy & Environmental Protection House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Aloha, Sulara



From: 420north@everyactioncustom.com on behalf of jess Lundgren  
<420north@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 4:49 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

Please do the right thing & support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate

protect our Keiki, the community & the future !

Mahalo 

Sincerely,  
jess Lundgren  
68 -282 Olohio St Waialua, HI 96791-9358

lowen2 - Heather

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From: Joan Conrow <joanconrow@gmail.com>  
Sent: Tuesday, February 6, 2018 5:16 PM  
To: EEPtestimony  
Subject: Regarding HB 2721 - Relating to Environmental Protection (Oppose)

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION AND AGRICULTURE February 8, 2018, 10:30 a.m.  
Conference Room 325  
Regarding HB 2721 - Relating to Environmental Protection

This bill is nothing more than an attack on large agriculture - the very same people that Scott Enright has said are the most careful and skilled pesticide users the state has ever seen.

The legislature does not need to weigh into the buffer zone issue. The EPA has already established buffer zones for each product that have been established through science-based evaluation.

This bill is not needed and it's not based on science. It's totally reactionary, catering to activists who make money drumming up fear about pesticides in an attempt to destroy GMO agriculture in Hawaii.

Please oppose HB 2721.

Mahalo!

Joan Conrow

From: 420north@everyactioncustom.com on behalf of Jess Lundgren  
<420north@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 4:45 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Jess Lundgren  
68 -282 Olohio St Waialua, HI 96791-9358

From: mokdatta@everyactioncustom.com on behalf of Maureen Datta  
<mokdatta@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 4:30 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Maureen Datta  
PO Box 608 Captain Cook, HI 96704-0608

From: Mapuana Kupuna <2hawnsoul4kupuna2mapu@gmail.com>  
Sent: Tuesday, February 6, 2018 5:23 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

**From:**  
April Peterson

Hilo

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

lowen2 - Heather

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From: Jerry Nishek <jerry@kauainursery.com>  
Sent: Wednesday, February 7, 2018 1:00 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

lowen2 - Heather

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From: Kylie Matsuda-Lum <kylie@kahukufarms.com>  
Sent: Wednesday, February 7, 2018 1:01 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

From: MaryLu Kelley <mkelley323@gmail.com>  
Sent: Wednesday, February 7, 2018 2:16 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Mary Lu Kelley  
Lawai, Kauai

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.



From: erikaireland@everyactioncustom.com on behalf of Erika Ireland  
<erikaireland@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 4:30 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Erika Ireland  
PO Box 2718 Honolulu, HI 96803-2718

From: cwhowe@everyactioncustom.com on behalf of Cyrus Howe  
<cwhowe@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 5:11 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Cyrus Howe  
1821 Keeaumoku St Apt 203 Honolulu, HI 96822-3006

lowen2 - Heather

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From: Shin Ho <shin@hofarms.com>  
Sent: Wednesday, February 7, 2018 1:22 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

From: helmut@everyactioncustom.com on behalf of Helmut Klauer  
<helmut@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 5:01 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Helmut Klauer  
12 -4341 Lanai St Pahoehoe, HI 96778-7817

From: John Gordines <gordines@kauaiflowers.com>  
Sent: Tuesday, February 6, 2018 5:26 PM  
To: EEPtestimony  
Subject: Regarding HB 2721 - Relating to Environmental Protection (Oppose)

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION AND AGRICULTURE February 8, 2018, 10:30 a.m.  
Conference Room 325  
Regarding HB 2721 - Relating to Environmental Protection

I am writing to respectfully request that you oppose HB 2721. This bill is bad for farming in Hawaii and would establish problematic new pesticide regulations for farmers. There have been numerous attempts to go after the large agricultural entities in the state but this bill has an impact on all of agriculture. There seems to be little regard for or understanding of the existing labels on pesticides. These are the laws that need to be enforced; there is no need to add more.

Agriculture is already a very regulated sector. Considerable effort goes in at the federal level to develop the label to protect the environment and the public. Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. It would help for everyone to understand the regulatory process before adding more cumbersome non-science-based restrictions without supporting data. What we need are the resources to educate the masses based on truth, not fear.

Thank you for this opportunity to provide input. I respectfully ask you to say no to this proposal.

Mahalo

John Gordines

lowen2 - Heather

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From: Roland Goo <rolandgoo@hawaiiantel.net>  
Sent: Wednesday, February 7, 2018 1:49 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

From: lorrainegardnerinkona@everyactioncustom.com on behalf of Lorraine Gardner  
<lorrainegardnerinkona@everyactioncustom.com>  
Sent: Wednesday, February 7, 2018 1:06 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Lorraine Gardner  
PO Box 3398 Kailua Kona, HI 96745-3398

From: Elizabeth Doyle <edoylerrr@me.com>  
Sent: Wednesday, February 7, 2018 1:10 PM  
To: EEPtestimony  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: Liz Doyle, Hanalei Kauai

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

Elizabeth Doyle  
[edoylerrr@me.com](mailto:edoylerrr@me.com)  
808-635-4680



From: shannonkona@everyactioncustom.com on behalf of Shannon Rudolph  
<shannonkona@everyactioncustom.com>  
Sent: Wednesday, February 7, 2018 12:41 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Shannon Rudolph  
75 -5600 Mamalahoa Hwy Holualoa, HI 96725-9628

From: marghee maupin <mamaupin@hotmail.com>  
Sent: Wednesday, February 7, 2018 12:41 PM  
To: EEPtestimony  
Cc: marghee maupin  
Subject: Strong Support for HB2721 - Pesticide Disclosure & Notification

From: [NAME]  
[TOWN]

House Committee on Energy & Environmental Protection  
House Committee on Agriculture

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our residents' health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our children at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

At last count, there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our communities. Thank you kindly for considering my testimony in strong support of the measure.

*Aloha,*

*Marghee Maupin, APRN*  
[www.marghee.com](http://www.marghee.com)



From: Monica Ivey <Monica.ivey@gmail.com>  
Sent: Wednesday, February 7, 2018 12:32 PM  
To: EEPtestimony  
Subject: Regarding HB 2721 - Relating to Environmental Protection (Oppose)

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION AND AGRICULTURE February 8, 2018, 10:30 a.m.  
Conference Room 325  
Regarding HB 2721 - Relating to Environmental Protection

I am writing to respectfully request that you oppose HB 2721. This bill is bad for farming in Hawaii and would establish problematic new pesticide regulations for farmers. There have been numerous attempts to go after the large agricultural entities in the state but this bill has an impact on all of agriculture. There seems to be little regard for or understanding of the existing labels on pesticides. These are the laws that need to be enforced; there is no need to add more.

Agriculture is already a very regulated sector. Considerable effort goes in at the federal level to develop the label to protect the environment and the public. Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. It would help for everyone to understand the regulatory process before adding more cumbersome non-science-based restrictions without supporting data. What we need are the resources to educate the masses based on truth, not fear.

Thank you for this opportunity to provide input. I respectfully ask you to say no to this proposal.

Mahalo

Monica Ivey

From: mdeycaza@everyactioncustom.com on behalf of Michael deYcaza  
<mdeycaza@everyactioncustom.com>  
Sent: Tuesday, February 6, 2018 4:41 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Michael deYcaza  
425 Ena Rd Honolulu, HI 96815-1746

From: cbcroom@everyactioncustom.com on behalf of Carolyn Croom  
<cbcroom@everyactioncustom.com>  
Sent: Wednesday, February 7, 2018 1:25 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Carolyn Croom  
2502 Albata Ave Austin, TX 78757-2103

lowen2 - Heather

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From: Young Tarring <Young@applebananas.com>  
Sent: Wednesday, February 7, 2018 12:31 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

lowen2 - Heather

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From: Phil Becker <Aikaneplantation@hawaii.rr.com>  
Sent: Wednesday, February 7, 2018 12:50 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!



lowen2 - Heather

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From: Young Tarring <Young@applebananas.com>  
Sent: Wednesday, February 7, 2018 12:31 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

**HB-2721**

Submitted on: 2/7/2018 3:17:20 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Raphiell Nolin		Support	No

Comments:

lowen2 - Heather

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From: Andrea Brower <abro262@aucklanduni.ac.nz>  
Sent: Wednesday, February 7, 2018 2:49 PM  
To: EEPtestimony  
Subject: Strong support pesticide disclosure

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing in strong support of HB 2721.

Thank you,  
Andrea Brower, PhD  
Kauai

lowen2 - Heather

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From: Randy Cabral <kaiwiki.1970@gmail.com>  
Sent: Wednesday, February 7, 2018 12:21 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

lowen2 - Heather

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From: Domingo Loero <rloero@kauairoastery.com>  
Sent: Wednesday, February 7, 2018 12:15 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

lowen2 - Heather

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From: DAVID FELL <davidfell60@gmail.com>  
Sent: Wednesday, February 7, 2018 2:51 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

From: gleisenring@everyactioncustom.com on behalf of Gretchen Losano  
<gleisenring@everyactioncustom.com>  
Sent: Wednesday, February 7, 2018 2:43 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing in support of HB 2721. This bill requires that the state protect na keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

This bill is nothing more than using common sense to protect our keiki. Thank you for considering my testimony in strong support of the measure.

Sincerely,  
Gretchen Losano  
Honokohau Valley Rd Lahaina, HI 96761

lowen2 - Heather

---

From: David Rietow <dgrietow@gmail.com>  
Sent: Wednesday, February 7, 2018 12:09 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!



lowen2 - Heather

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From: William Uemura <uemuraj001@hawaii.rr.com>  
Sent: Wednesday, February 7, 2018 11:59 AM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

From: vanderkloos@everyactioncustom.com on behalf of Eline van der Kloos  
<vanderkloos@everyactioncustom.com>  
Sent: Wednesday, February 7, 2018 2:42 PM  
To: EEPtestimony  
Subject: Please Support HB 2721

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
Eline van der Kloos  
68 -3527 Makana Aloha Pl Waikoloa, HI 96738-5377

lowen2 - Heather

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From: Gregory Williams <koloa@hawaiiantel.net>  
Sent: Wednesday, February 7, 2018 12:00 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

**HB-2721**

Submitted on: 2/7/2018 5:14:31 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

**LATE**

Submitted By	Organization	Testifier Position	Present at Hearing
Kimberly Dukes		Support	No

## Comments:

We need to set up regulations about the spraying of chemicals near our schools. We need to protect our children!!

lowen2 - Heather

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From: John Cross <cross.johnc@gmail.com>  
Sent: Wednesday, February 7, 2018 3:45 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

**LATE**

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

lowen2 - Heather

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From: Arnold Hara <arnold@hawaii.edu>  
Sent: Wednesday, February 7, 2018 3:26 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

**LATE**

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

From: Andrea Woods <andreaswimsunset@yahoo.com>  
Sent: Wednesday, February 7, 2018 6:39 AM  
To: EEPtestimony  
Subject: Regarding HB 2721 - Relating to Environmental Protection (Oppose)

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION AND AGRICULTURE February 8, 2018, 10:30 a.m.  
Conference Room 325  
Regarding HB 2721 - Relating to Environmental Protection

I respectfully oppose HB 2721. This bill places unnecessary restrictions on the best applicators of pesticide in the State. Good public policy must and should be based on facts, and the facts on pesticide use by large agricultural enterprises in Hawaii are clear.

- The independent Joint Fact Finding Committee on Kauai found no evidence of health or environmental impacts associated with pesticide use.
- In 2015, the Hawaii Department of Agriculture (HDOA) reported that, out of 16 school evacuations in the last 8 years due to complaints about pesticides, none were due to activities of seed companies.
- A statewide study of 24 surface water sites by the Department of Health found trace detection of pesticides - the majority of which represented minute concentrations that fall far below state and federal benchmarks for human health and ecosystems.

HDOA has the data on who uses pesticides, where they are being used and how they are being applied. They, along with the EPA and Hawaii Department of Health, should be the ones to continue to provide the regulatory oversight. And, with the launch last year of the new voluntary statewide good neighbor program, they are doing just that.

These are the facts that must be considered. Please vote no on HB 2721.

Mahalo

Andrea Woods

lowen2 - Heather

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From: Scot Willson <Aloha@planthawaii.com>  
Sent: Wednesday, February 7, 2018 3:42 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

**LATE**

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!



lowen2 - Heather

**LATE**

From: Iris Iwami <irisiwami@yahoo.com>  
Sent: Tuesday, February 6, 2018 5:07 PM  
To: EEPtestimony  
Subject: Regarding HB 2721 - Relating to Environmental Protection (Oppose)

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION AND AGRICULTURE February 8, 2018, 10:30 a.m.  
Conference Room 325  
Regarding HB 2721 - Relating to Environmental Protection

I am strongly opposed to HB 2721, as it divides the farming community and narrowly targets a small group of well- trained pesticide users.

HB 2721 calls for mandatory buffer zones that could significantly reduce farmable acres. The EPA already registers all products and includes a specific set of conditions for each product based on years of testing. Among these conditions are buffer zones that have been established through science-based evaluation.

There isn't a need for more regulation and I'm concerned about the unintended consequences to the typical farms in Hawaii should mandatory buffer zones be expanded.

These barriers to farming is not consistent with our goal to be sustainable in food production in Hawaii.

Please oppose HB 2721.

Mahalo

Iris Iwami

lowen2 - Heather

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From: Naniloa Wilke <lnwilke@aol.com>  
Sent: Wednesday, February 7, 2018 12:30 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721



Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

lowen2 - Heather

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From: Jill Coryell <hibiscuslady@me.com>  
Sent: Wednesday, February 7, 2018 3:45 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

**LATE**

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

lowen2 - Heather

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From: James Tavares <tavaresjam@gmail.com>  
Sent: Wednesday, February 7, 2018 3:42 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

**LATE**

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

**LATE**

From: Everest Mae Ramos <maekko02@yahoo.com>  
Sent: Tuesday, February 6, 2018 7:49 PM  
To: EEPtestimony  
Subject: Regarding HB 2721 - Relating to Environmental Protection (Oppose)

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION AND AGRICULTURE February 8, 2018, 10:30 a.m.  
Conference Room 325  
Regarding HB 2721 - Relating to Environmental Protection

I respectfully oppose HB 2721. This bill places unnecessary restrictions on the best applicators of pesticide in the State. Good public policy must and should be based on facts, and the facts on pesticide use by large agricultural enterprises in Hawaii are clear.

- The independent Joint Fact Finding Committee on Kauai found no evidence of health or environmental impacts associated with pesticide use.
- In 2015, the Hawaii Department of Agriculture (HDOA) reported that, out of 16 school evacuations in the last 8 years due to complaints about pesticides, none were due to activities of seed companies.
- A statewide study of 24 surface water sites by the Department of Health found trace detection of pesticides - the majority of which represented minute concentrations that fall far below state and federal benchmarks for human health and ecosystems.

HDOA has the data on who uses pesticides, where they are being used and how they are being applied. They, along with the EPA and Hawaii Department of Health, should be the ones to continue to provide the regulatory oversight. And, with the launch last year of the new voluntary statewide good neighbor program, they are doing just that.

These are the facts that must be considered. Please vote no on HB 2721.

Mahalo

Everest Mae Ramos

From: nadyapenoff@everyactioncustom.com on behalf of nadya penoff  
<nadyapenoff@everyactioncu  
Sent: Wednesday, February 7, 2018  
To: EEPtestimony  
Subject: Please Support HB 2721

**LATE**

Dear Hawaii State House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2721. This bill requires that the state protect our keiki's health by requiring disclosure and notification of toxic pesticides around schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

I am deeply concerned with the effects long-term pesticide application and pesticide drift are having on our keiki at schools. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to Restricted Use Pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, as well as leukemia and asthma.

Currently there are at least 27 schools in Hawai'i located within a mile of fields where agrichemical companies like Monsanto and Dow Chemical spray restricted-use pesticides. Our keiki and faculty in these schools are at a heightened risk of exposure to pesticides that drift from these industrial operations. There is nothing more important than the health and safety of our keiki, which is why we must demand that these agrichemical companies say what they spray and give us space.

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. While the voluntary Kaua 'i pesticide disclosure program will ultimately be "expanded" by the state Department of Agriculture, voluntary programs are an unreliable compromise to mandatory disclosure. There is neither outside verification nor a no hard deadline for submission, so it's impossible to know if the data is accurate and valid.

Please give us a chance to protect our keiki. Thank you kindly for considering my testimony in strong support of the measure.

Sincerely,  
nadya penoff  
5430 Kuapapa St Kapaa, HI 96746-2236

lowen2 - Heather

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From: Barry Kim <kimn001@hawaii.rr.com>  
Sent: Wednesday, February 7, 2018 4:13 PM  
To: EEPtestimony  
Subject: I OPPOSE HB 2721

**LATE**

Aloha Chair Lee, Chair Creagan, Vice Chair Lowen, Vice Chair DeCoite,

I oppose HB 2721, which would to arbitrarily establish onerous, unmanageable, and unjustified requirements on Hawaii's farmers.

I am concerned that the layering of more and more unjustified and inconsistent restrictions and requirements, along with the threat of frivolous lawsuits, will make it nearly impossible to farm successfully in Hawaii, and will deter young people from entering farming altogether.

Thank you for the opportunity to testify on this bill.

Mahalo!

**LATE**

**HB-2721**

Submitted on: 2/7/2018 8:24:38 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jade Moss		Support	No

Comments:

Please support disclosure of RUPs. I feel like I'm writing this on behalf of all the folks at Gov. Ige's last town hall on Kauai, when a nurse at KVMH described that they don't know how to treat the agrochemical employees when they're dropped off at the curb suffering. She said something like, "We have to know what's being used in order to treat them!" And the room exploded in cheers, almost everyone just roared, it was a beautiful community moment. I get tears in my eyes just thinking about it. I know it's recorded somewhere, if you have the urge to find it, she spoke toward the beginning.

It's time these chemical companies are regulated somehow. They know what they're up to is not safe. That's why they will try to defeat this year's bills.

Please support!

Mahalo,

Jade Moss

Kalaheo



**LATE**

**HB-2721**

Submitted on: 2/7/2018 8:35:51 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Mavis Oliveira-Medeiros		Support	No

Comments:

Aloha,

I am in support of any bill that makes it harder to spray harmful pesticides anywhere.

Especially when it's near our Keiki, but also when it'll run off into a river, drainage, ditch that almost always ends up in our ocean. Many of us still rely on food from the rivers & ocean to survive. Please support this bill.

Mahalo,

Mavis Oliveira-Medeiros

**LATE**

**HB-2721**

Submitted on: 2/7/2018 9:09:16 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Deborah Mader	Hawai'i resident	Support	No

Comments:

Aloha,

Living down wind from one of the largest agrochemical corporations in the world (Monsanto), I'd really like to know when/what RUPs they are applying, particularly since they have knowingly violated pesticide label laws by applying BANNED pesticides such as methyl parathion in high winds (another label violation).

I'd like to be able to close my windows during heavy spray days. We've begged dept of ag for years to help us access RUP application logs from the largest users and although Scot Enright promised to get our community that information, he later told us this wasn't something in "his power" to do.

Restricted Use pesticides are labeled that for a reason. Please pass this bill for disclosure.

Mahalo nui,

Deborah Mader

Maui

**HB-2721**

Submitted on: 2/7/2018 9:19:33 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

**LATE**

Submitted By	Organization	Testifier Position	Present at Hearing
Laura Acasio		Support	No

Comments:

Dear Chair Lee, Chair Creagan and Members of the Committee,

I am writing to urge your strong support of HB 2721. We absolutely need implementation of disclosure for these very dangerous chemicals, especially when sprayed in proximity of schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas.

This is basic level protection for us humans.

Thank you very much for your time and for supporting this very important step in the right direction,

Laura Clint Acasio

**LATE**

**HB-2721**

Submitted on: 2/7/2018 9:26:18 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Paul Solomon		Support	No

Comments:

I am writing to support this bill. The agro-chemical companies are spraying extremely high volumes of pesticides, including restricted use pesticides, near homes, schools, healthcare facilities, childcare facilities, elder care facilities, and other environmentally sensitive areas. This is especially true on Molokai, Maui and Kauai. These pesticides are highly poisonous. People near these test fields have a right to know what is being sprayed, when and how much. Please protect our people's health and pass this bill. Mahalo

**LATE**

**HB-2721**

Submitted on: 2/7/2018 9:59:29 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jason Graham	University of Hawaii	Support	No

Comments:

**LATE**

**HB-2721**

Submitted on: 2/7/2018 10:05:31 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Wai'ala Ahn		Support	No

Comments:

To whom it may concern,

please Support HB2721 establishing Hawaii's first mandatory pesticide disclosure program for high volume users. This bill is vital to the life of bees, for agriculture, lands, water, food, etc. without bees we loose 79% of our food source. Please Support this bill and protect Hawaii's future.

please Strongly Support HB2721

Mahalo.

**LATE**

**HB-2721**

Submitted on: 2/7/2018 10:14:51 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Sunny Savage-Luskin		Support	No

Comments:

It's time. Why we haven't done it already is obvious. Please find it within yourselves to do right for our future generations. The power of information is all we're asking for.

**LATE**

**HB-2721**

Submitted on: 2/7/2018 10:15:07 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Bridgette Dillan		Support	No

Comments:

If the bees go, we go. The bees are necessary for our survival on Earth. I am in support of protecting our bee population on a local and global level.



**LATE**

**HB-2721**

Submitted on: 2/7/2018 10:50:26 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Susan Bambara		Support	No

Comments:

Please support Bill HB 2721. Thank you.

**LATE**

**HB-2721**

Submitted on: 2/7/2018 10:57:39 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Shelley Muneoka		Support	No

Comments:

**LATE**

**HB-2721**

Submitted on: 2/7/2018 11:24:47 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lorie Farrell		Oppose	No

Comments:

**LATE**

**HB-2721**

Submitted on: 2/7/2018 11:34:17 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lela Kalama		Support	No

Comments:

I STRONGLY SUPPORT THIS BILL!!

**LATE**

**HB-2721**

Submitted on: 2/7/2018 11:45:13 PM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jeanne Kapela		Support	No

Comments:

Aloha Chair Creagan, Chair Lee, and members of the committees,

Pesticide abuse poses major health risks. According to the *Cascadia Times*, pesticide application by four large agrochemical companies on Kaua'i—Syngenta, BASF Plant Science, DuPont Pioneer, and Dow AgroSciences—is ten times the national average and relies on the misuse or overuse of a number of restricted use pesticides, including chlorpyrifos, atrazine, and paraquat. A study published in the medical journal *The Lancet Neurology*, in March of 2014, found that chlorpyrifos, specifically, led to developmental disabilities in children.

Yet, the U.S. the Environmental Protection Agency prematurely declared with “reasonable certainty” that chlorpyrifos carries no significant risk of harm, as they have done with other RUPs, leaving our state to fend for itself in defending against pesticide abuse. Unfortunately, Hawai'i's pesticide regulations are also inadequate to prevent harm to people's health. As a victim service provider for survivors of human trafficking, I am particularly concerned about the overlap of pesticide abuse and labor trafficking. Foreign workers, often held in debt bondage, are often provided with little to no information about the health risks of pesticides placed in their hands and are not given equipment to protect themselves from harm.

Pesticide drift likewise imperils our keiki. In 2007, for example, at Kahuku High and Intermediate, a dozen students fell ill when a nearby sod farmer ignored windy weather while applying pesticides. In 2008, in Waimea on Kaua'i, dozens of students got sick after farmers applied pesticide on a nearby seed corn plot. Therefore, lawmakers must pass legislation establishing buffer zones around schools, requiring increased disclosure of RUPs, and banning the most dangerous pesticides being sprayed across our shores, especially chlorpyrifos.

Please pass the measure to protect our children from chemical abuse. The political fallout from large agrochemical companies is nothing compared to the chemical fallout besieging our communities.

Mahalo,

Jeanne Kapela



**LATE**

**HB-2721**

Submitted on: 2/8/2018 1:03:04 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Kat Culina		Support	No

Comments:

**LATE**

**HB-2721**

Submitted on: 2/8/2018 2:57:01 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
carol lee kamekona		Oppose	No

Comments:



**LATE**

**HB-2721**

Submitted on: 2/8/2018 7:36:05 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
nicole collins		Support	No

Comments:

Aloha,

my name is Nicole Collins. I am a resident of Hawaii Island in the district of South Kohala. And i am in SUPPORT of HB 2721.

Mahalo

**LATE**

**HB-2721**

Submitted on: 2/8/2018 7:49:48 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Kaimikila Moraes		Support	No

Comments:

To Whom it May Concern,

My name is Kaimikila Moraes and this is my testimony **in suport of HB2721**. I was born and raised in Volcano Village on the Big Island of Hawaii, was educated at Kamehameha Schools Kapalama, and sought further education for my Bachelor of Science on the mainland. I have been many things in my life, a lifeguard, a scientist, a cook, an EMT, and a Firefighter, but for all the occupational changes I've made one thing never will. I am kanaka maoli.

My travels have instilled in me a renewed appreciation for the natural wonders Hawaii holds, an appreciation that was always there, but was strengthened by perspective. I worked in the conservation field on Hawaii Island and spent countless days hiking the mountains, valleys, and forests of our islands freely giving my blood, sweat, and tears in attempt to leave what we have left in a better state than it was found. For anyone who knows from personal experience, conservation in Hawaii is a losing battle. Our ecosystem is so fragile and so broken that we keep losing ground for all of our technical and scientific advances of the past few decades.

Please help to protect the land we all love so dearly.

Thank you,

Kaimikila Moraes

**LATE**

**HB-2721**

Submitted on: 2/8/2018 8:21:01 AM

Testimony for EEP on 2/8/2018 10:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
NO Kapaole		Support	No

Comments:

I oppose this bill, and urge law makers to establish and provide for more testing and to implement more regulation for pesticides and other normalized poisons and toxins in every use here in the Hawaiian islands - the most isolated and unique archipelago in the world.

Mahalo.