

DAVID Y. IGE  
Governor

SHAN S. TSUTSUI  
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

**LATE**

TESTIMONY OF SCOTT E. ENRIGHT  
CHAIRPERSON, BOARD OF AGRICULTURE

BEFORE THE HOUSE COMMITTEES ON AGRICULTURE &  
ENERGY & ENVIRONMENTAL PROTECTION

FEBRUARY 7, 2017  
8:30 A.M.  
CONFERENCE ROOM 325

HOUSE BILL NO. 1571  
RELATING TO ENVIRONMENTAL PROTECTION

Chairpersons Creagan and Lee and Members of the Committee:

Thank you for the opportunity to testify on House Bill No. 1571. The purpose of this bill is to protect children and childcare facilities from impacts of large-scale agricultural pesticide use, requiring mandatory reporting of pesticide use and establishing notification requirements for outdoor applications of pesticides. The Hawaii Department of Agriculture has strong reservations about this measure.

The bill's requirement for prior public notification of outdoor pesticide applicants 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 enforce 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.

There are also some issues surrounding the proposal of vegetative buffer zones. This would effectively prohibit use of all outdoor pesticides, including restricted use, general use, uses under an experimental use permit, organic, and Minimum Risk (FIFRA 25(b) exempt), as required by the definition of “pesticide”. Significant crop loss may result from such restriction. Any agricultural entity should be provided with tools to address any pest concerns that could result in devastating loss. For example, most farms, and schools, deal with rodent issues. Prohibiting use of any rodenticide on the outskirts of an agricultural area would be in direct conflict of any effective rodent control strategy.

The “single use exemption”, which allows use within the buffer zone if there is an immediate threat to human health and the environment, is ambiguous. It is unclear if “single use” is defined as one application or a series of applications to mitigate the threat. It is also unclear which agency or entity is responsible for determining if there is an immediate threat and the use is justified.

Additionally, there does not appear to be a sunset date or defined timeline for the pilot program. A pilot program, by definition, is a temporary and experimental program to determine if the guidelines in the program are feasible and effective. A sunset date and requirement for evaluation of this program should be included.

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 or near schools were primarily 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.

Beginning in January 2017, large farm entities across the state will be participating in the Good Neighbor Program, reporting use of restricted use pesticides to the Department on a monthly basis. Also, contrary to language in this bill, those farming operations participating in the current Kauai Good Neighbor Program have, voluntarily, released their RUP spray amounts to the Department by the 15<sup>th</sup> of the following month

in which they were used. The amounts applied are then posted on the Department of Agriculture website within the Pesticides portion of that website, refuting the claim that records are "...only published on the department's website months after the reported pesticide applications." The Department recommends allowing the state's voluntary program time to become established in order to address the reporting aspect of this bill.

Thank you for the opportunity to present testimony.

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 12:57 PM  
**To:** AGRtestimony  
**Cc:** kauwilamahina@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Aloha no! My name is Kaylene Kauwila Sheldon, I am the Founder of JKM Foundation and I ask that you please protect our keiki from harmful chemicals, please help allocate monies to the Department of Agriculture to regulate pesticides. We need more protection. Mahalo, Kaylene Kauwila Sheldon

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 12:51 PM  
**To:** AGRtestimony  
**Cc:** robert@hawaiisustainable.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Please support HB1571 and expand it from 5 schools to all schools and hospitals, homes or other sensitive areas. Thank you

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 12:21 PM  
**To:** AGRtestimony  
**Cc:** tiare@hapahi.org  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 12:11 PM  
**To:** AGRtestimony  
**Cc:** breezybees808@Gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Aloha, this bill is ABSOLUTELY NECESSARY. The health of the people of Hawaii comes first and foremost before the profits of a few companies. I see great value in mandating companies to disclose when sites and their surroundings will be sprayed with chemicals that are poisonous to humans. As for the schools, I am so glad to finally see this come before the committee! Please help protect our children from coming into contact with poisonous chemicals. Mahalo for your service.

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**To:** AGRtestimony  
**Cc:** burgharc@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 11:11 AM  
**To:** AGRtestimony  
**Cc:** fernrosenstiel@yahoo.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**Sent:** Monday, February 6, 2017 11:05 AM  
**To:** AGRtestimony  
**Cc:** jgelert@yahoo.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 10:59 AM  
**To:** AGRtestimony  
**Cc:** alohalways@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 10:54 AM  
**To:** AGRtestimony  
**Cc:** shellemuneoka@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 10:49 AM  
**To:** AGRtestimony  
**Cc:** lady.flach@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 10:45 AM  
**To:** AGRtestimony  
**Cc:** alan@prloffice.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Alan Gottlieb	Ponoholo Ranch Limited	Oppose	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 10:45 AM  
**To:** AGRtestimony  
**Cc:** Teralynpaleka@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: I support this bill!

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Denise Boisvert  
225 Kaiulani Ave #1604  
Honolulu, HI 96815  
February 6, 2017

House Committee on Agriculture  
House Committee on Energy & Environmental Protection  
Hearing on February 7, 2017 at 8:30AM

Re: HB 1571 Environmental Protection

To Whom It May Concern:

I support HB 1571 to protect children from pesticides. Education and transparency are vital methods to do this and this bill provides the tools.

Please vote for it.

Yours sincerely,

Denise Boisvert

Mr. Kim Jorgensen  
225 Kaiulani Ave #1604  
Honolulu, HI 96815

February 6, 2017

House Committee on Agriculture  
House Committee on Energy & Environmental Protection  
Hearing on February 7, 2017 at 8:30AM

Re: HB 1571 Environmental Protection

To Whom It May Concern:

This is testimony to support HB 1571 to protect the State's children from the hazardous unintended impacts of large-scale agricultural pesticide use.

Kids play in dirt, put anything into their mouths, splash each other in puddles, swim in streams – there are so many ways for pesticides to enter their bodies and cause havoc to the body's cells.

Please pass this bill before these pesticides affect the health of the generations to come.

Sincerely,

Kim Jorgensen

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 10:37 AM  
**To:** AGRtestimony  
**Cc:** MauiMercer@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: I strongly support the passage of this bill which will protect our keikis. What is more important in this world than protecting yours, mine and everyones children from unnecessary harm and that includes exposure to toxic pesticides. Thank you for supporting this bill. Janet Mercer

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 1:04 PM  
**To:** AGRtestimony  
**Cc:** jupitt@yahoo.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 10:32 AM  
**To:** AGRtestimony  
**Cc:** elaineturnipseed18@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 10:20 AM  
**To:** AGRtestimony  
**Cc:** shannonkona@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: STRONGLY SUPPORT!!!

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**Sent:** Monday, February 6, 2017 10:15 AM  
**To:** AGRtestimony  
**Cc:** f88000001d@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 10:14 AM  
**To:** AGRtestimony  
**Cc:** larry@divefish.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Disclosure is only part of what is needed, but I support this and buffer zones in regard to chemical spraying

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Dear lawmakers,

I am writing in strong support of HB1571. As a farmer and agriculture researcher/educator, I recognize both the need for pesticides and the dangers of under-regulation. We desperately need to responsibly move our agriculture towards practices that reduce pesticide use (including crop rotation, planting of beneficial insectaries, planting of adapted crop varieties, etc). Thus we need the voices of those with other perspectives represented on decision-making and oversight entities. We also need to push agriculture away from the most dangerous chemicals by tightening regulations. The ecological and public health dangers of many pesticides are no longer in dispute. We must not allow habits and entrenched financial interests drive policy in this area, but rather let science and the cautionary principle be our guide. Please strongly support the many pending legislative bills aiming to accomplish this during this session. Our keiki, our water ways, our soils, and the future of a more innovative agriculture deserve it.

Thank you for your time and work,  
Jay Bost  
41-037 Hihimanu St, Apt C  
Waimanalo, HI 96795  
jbost@hawaii.edu

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 9:43 AM  
**To:** AGRtestimony  
**Cc:** giichi1896@yahoo.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 9:33 AM  
**To:** AGRtestimony  
**Cc:** jtrujill@hawaii.edu  
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<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
james trujillo	Individual	Support	No

Comments: aloha committee members, please pass HB 1571 to better provide protection from the harms & risks associated with the use of pesticides in the vicinity of schools and other locations where residents, visitors and others may be inadvertently exposed to drift, over spray or industrial accidents. HB 1571 provides a structure for pesticide users to disclose the location and use of agents known to cause harm to those exposed. HB 1571 also creates a template for the use & study of bufferzones as a vehicle to prevent pesticide drift & monitor the affect of spraying pesticides around sensitive areas such as schools, playgrounds, community centers and waterways. please support HB1571 to facilitate the development of buffer zones and monitoring programs to better understand the risks of using known carcinogens in & around our communities. mahalo for considering this testimony and I hope you can pass hb 1571 to establish buffer zones and better regulate the harmful products used in our agricultural operations around the state. with respect & aloha, James G Trujillo PO BOX 33 Kapaa, HI 96746

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**To:** AGRtestimony  
**Cc:** Bmcd63@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

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Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**Sent:** Monday, February 6, 2017 8:32 AM  
**To:** AGRtestimony  
**Cc:** doclrob@yahoo.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

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

Comments: Protect the keiki! Mahalo

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**To:** AGRtestimony  
**Cc:** normandsusieh@yahoo.com  
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Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**Cc:** namaka@interpac.net  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**Sent:** Monday, February 6, 2017 8:11 AM  
**To:** AGRtestimony  
**Cc:** andrewhuey@hotmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Aloha: As a citizen of Maui county, I support this measure. My 7 year old son attends Kamali'i elementary school and has asthma and allergies. The official nurse at Kamalii elementary school told us that she has never seen the current amount of Asthma and allergies in kids at the school in her whole 20 year career. I want to know more about what is happening, and to take measures to protect our community. Kamali'i elementary school is less than 1 mile downwind from one of Monsanto's testing fields in Kihei. We have a right to know what is being put into the air we breathe. I also support total containment of GMO testing. To allow GMO testing in open air in this precious environment is playing with fire. If something goes wrong, it could alter and even destroy the ecosystem we currently appreciate in the state of Hawaii. If they want to test, fine, but under complete indoor containment. The risk poses a unknown effect to our entire population. Thank you Andrew Huey

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**To:** AGRtestimony  
**Cc:** paikoman@yahoo.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Yes a buffer zone is a good idea. Thank you!!! Community health is. Number one!!

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**To:** AGRtestimony  
**Cc:** hanaleikona@yahoo.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Roman Dycus	Individual	Oppose	No

Comments: I respectfully oppose HB 1571, 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. In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years. HB 1571 will make it more difficult to farm in Hawaii. 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. Thank you for considering my testimony.

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**To:** AGRtestimony  
**Cc:** alohapowers@gmail.com  
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**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: We must protect our keiki before it's too late.

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**Cc:** akamaimom@gmail.com  
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**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: We should not be spraying intensive pesticides around schools! We appreciate the Good Neighbor Policy of disclosure that has been happening on Kauai. The stated resistance from the National Crop Improvement Association against Kauai's pesticide ordinance 960 was that they resisted the idea of municipal regulations because of the national implications of not having a standardized policy, as was expressed in a county council meeting as testimony. The court sided with the industry's resistance to county regulations for Hawaii. The state needs to step up. Making disclosure statewide and mandatory is a healthy policy. Ideally, there would be a description of the symptoms or a test method for medical practitioners to determine a demonstration of exposure. It is good that Kauai has a record of what is being sprayed. Medical practitioners are expressing they still do not have a solid understanding of how to interpret that data when they see patients who have unexplained symptoms. Felicia Cowden Kilauea, Kauai

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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 1571, RELATING TO ENVIRONMENTAL  
PROTECTION**

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

**House Committee on Energy and Environmental Protection  
Hon. Chris Lee, Chair  
Hon. Nicole E. Lowen, Vice Chair**

**Tuesday, February 7, 2017, 8:30 AM  
State Capitol, Conference Room 325**

Honorable Chair Creagan, Chair Lee, and committee members:

I am Kris Coffield, representing IMU Alliance, a nonpartisan political advocacy organization that currently boasts over 350 members. On behalf of our members, we offer this testimony in strong support of House Bill 1571, 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 misuse 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 has 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 the pesticides placed in their hands, they were 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.** We urge local lawmakers to also pass legislation eliminating all warning notice requirements from the state's pesticide code. That way, investigators will be able to fully 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

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 11:44 PM  
**To:** AGRtestimony  
**Cc:** jpappas60@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**Sent:** Sunday, February 5, 2017 11:26 PM  
**To:** AGRtestimony  
**Cc:** courtneybruch808@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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Hawaii State House

2/6/17

Testimony regarding HB 1571

Greetings.

Please consider my opposition to this legislation.

My name is David Schell and I am the General Manager for Island Princess Macadamia Nut Company in Kea'au Hawaii.

As with many legislative attempts to regulate farming activities in Hawaii, I consider HB 1571 to be unnecessary and unproductive. State and federal governments already heavily regulate large farms and placing an additional reporting requirement on them will not serve to enhance or protect the environment, as the proponents of this bill would have you believe. Indeed, this bill if it were to become law will only increase the costs of operations for these businesses and force them to increase their sales prices to the consumers.

While I am sure that citizens are concerned about the environment impact owing to the use of pesticides, it would be a better investment for the government to educate them in regard to the safe-guards and regulations that are already in place. So long as the average consumer can be misled by ideologically-driven activists about the real nature of pesticide use by farmers then the legislature and the farming community will continue to be barraged annually by these time and resource wasting efforts.

Thank you

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**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**To:** AGRtestimony  
**Cc:** mauiskye1@yahoo.com  
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**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: I support this bill. It's about time like this passes, as we have long needed and deserved this bill. I support healthy families AND an environment safe for ALL. . . . NOW!!

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**Cc:** rfatheree@yahoo.com  
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<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Ray Fatheree	Individual	Support	No

Comments:

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**Cc:** barbarapolk@hawaiiantel.net  
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**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: I strongly support this bill, that goes beyond informing people in advance of pesticide use and includes a pilot test of a mitigating strategy. It is important that the legislature take action to protect children and other sensitive individuals, because pesticide companies have not been willing to do so. It is likely that they cannot do so, for if they are incorporated in Delaware, they are required to put profits ahead of negative impacts on people or the environment. The only way to ensure protection is for the State to take action. Please support this bill!.

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Michaels testimony HB1571

I support this Bill to establish disclosure and public notification requirements for the outdoor application of pesticides in defined sensitive areas and by large-scale outdoor commercial agricultural operations; and establishes a pilot program that creates a vegetative buffer zone around five selected schools located near a commercial agricultural production area.

These are but several of the many steps the State must take to properly regulate the use of these highly dangerous toxic poisons in order to protect the health of the people and of the environment. The measures proposed in this Bill are good starting points, and properly used along with other studies and the keeping of health records including of chronic and acute pesticide poisonings, will help generate sound scientific information about the impacts of pesticide use.

The State should expand the scope of this Bill to include all institutions of higher learning, since I can think of no sound reason that young adults and their teachers should not be accorded the same protections as younger children.

When it comes time to insert the minimum amounts of pesticides in sections 149A-B and 149A-C, I urge State legislators to adopt very low weights/volumes – because all pesticide uses contribute to the cumulative pesticide loading in each area, and because all restricted use pesticides are by definition highly toxic (else why classified as restricted use?).

Because many pesticides are known to volatilize, their spread well outside the application area will occur. For this reason, notification must be made to all occupants and residents of sensitive areas located within no less than ½ mile of the boundary of the application area.

The experimental buffer program should be maintained for not less than 10 years, and the program must include a specific defined monitoring program designed to assess the effectiveness of the buffers in protecting the school children and their teachers from pesticide exposure.

I urge that section 149A-K (Exemptions) be deleted, or at minimum be strengthened to ensure that interests of the school children and their teachers are maximally protected. Proponents of this section must provide examples of circumstances where it is less dangerous to apply pesticides in the buffer zones than to allow the pest(s) to exist within the buffer zones.

I strongly support section 194A-N – which will grant local governments the right to impose equivalent or more rigorous standards in terms of regulating pesticide disclosure, notification and use, including establishment of buffer zones.

If Section 3 grandparents or carries forward rights or duties that matured or proceedings that were begun before the effective date of this Bill, then I urge that it be deleted, particularly if its retention means that the application of the intent and measures outlined in this Bill will be constrained.

Michael Coon, M.Sc.

6181 Kahiliholo Road, Kilauea, HI 96754



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**Cc:** bob-marion@hawaiiintel.net  
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<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Marion McHenry	Individual	Support	No

Comments:

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<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Warren Watanabe	Maui County Farm Bureau	Oppose	No

Comments:

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**Cc:** mealaaloha@aol.com  
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<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Daniel Bishop	Individual	Support	No

Comments:

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**Cc:** joankutz@gmail.com  
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<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Joan Kutzer	Hawaii Nurses Association, OPEIU local 50	Support	Yes

Comments: The Hawaii Nurses Association is in strong support of HB 1571 As nurses we see first hand the devastating effects of exposure to pesticides. I myself participated many years ago in a mass casualty event, in which a nearby school had pesticide drift and large numbers of children were brought to our facility for treatment of their breathing difficulties. Establishing buffer zones; mandatory disclosure of pesticide use; air, soil, and water testing; and collection of accurate health data identifying the links between pesticide exposure and the health of our community. The high incidence of birth defects on the west side of Kauai alone demonstrates the need for action. Please vote in favor of this bill.

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February 5, 2017

RE: HB1571 Establishes disclosure and public notification requirements for outdoor application of pesticides in various sensitive areas or by large-scale, outdoor commercial agricultural operations. Establishes a pilot program that creates a vegetative buffer zone around 5 selected schools near a commercial agricultural production area.

Position: SUPPORT

Aloha,

My name is Andrea Nandoskar. I live in Waikiki at 440 Lewers Street. Representative Tom Brower, one of the representatives who introduced the bill, is my state rep.

I SUPPORT HB1571 which creates a vegetative buffer zone near commercial ag production around 5 selected schools as a pilot program. Respectfully, I feel, the need to even pass such a bill is an outrage. We should not allow the use of these chemicals anywhere near our children. We should be exercising the precautionary principle in all areas of commerce and certainly with regard to the health of our children by putting the onus on proving their benign nature on the agricultural companies who insist upon using them.

I am not a scholar or scientist, however numerous studies have indicated that many chemical herbicides and pesticides, such as those used by large commercial agricultural operations, are carcinogenic and cause both short and long term harm to our keiki. Additional information is available via Pesticide Action Network: <https://www.panna.org/resources/kids-frontline> As a parent, soon to be grandparent, constituent and concerned citizen I respectfully request the legislature to swiftly pass this bill as a first step to protecting the health of our children.

Mahalo for your assistance in supporting this bill.

Aloha,

Andrea Nandoskar

440 Lewers Street, Apt. 702  
Honolulu, HI 96815  
Tel. 808-358-6203  
[birdofparadise@hawaii.rr.com](mailto:birdofparadise@hawaii.rr.com)

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 9:04 PM  
**To:** AGRtestimony  
**Cc:** psolomonlcsw@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Please support this bill to protect our environment from further pollution and to protect the health of our people. Mahalo, Paul Solomon 808-633-3009  
psolomonlcsw@gmail.com

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**To:** AGRtestimony  
**Cc:** carolmerrillburgess@yahoo.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 1:12 PM  
**To:** AGRtestimony  
**Cc:** alan.takemoto@monsanto.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Dan Clegg	Monsanto	Oppose	Yes

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 8:50 PM  
**To:** AGRtestimony  
**Cc:** chris@mentzel.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 8:40 PM  
**To:** AGRtestimony  
**Cc:** DJandSteveStar@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Support the aina for life!

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 8:22 PM  
**To:** AGRtestimony  
**Cc:** begoniabarry@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 8:21 PM  
**To:** AGRtestimony  
**Cc:** mnakahata@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Mae Nakahata	Individual	Oppose	No

Comments:

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**Sent:** Sunday, February 5, 2017 8:14 PM  
**To:** AGRtestimony  
**Cc:** hlbpalmer@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 8:11 PM  
**To:** AGRtestimony  
**Cc:** erika.lechugadisalvo@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Erika Lechuga Disalvo	Individual	Support	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 8:08 PM  
**To:** AGRtestimony  
**Cc:** braxton1205@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 8:08 PM  
**To:** AGRtestimony  
**Cc:** alijones-carter@hawaiiantel.net  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Alice K. Carter	Individual	Support	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 8:04 PM  
**To:** AGRtestimony  
**Cc:** neil.vonhof@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 8:03 PM  
**To:** AGRtestimony  
**Cc:** vedicview@yahoo.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 7:47 PM  
**To:** AGRtestimony  
**Cc:** EarthAsOne@hawaii.rr.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Lawrence Koss	Earth As One	Support	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 7:45 PM  
**To:** AGRtestimony  
**Cc:** goldenheart1@me.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: I support this bill.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 7:37 PM  
**To:** AGRtestimony  
**Cc:** wpcote@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 7:36 PM  
**To:** AGRtestimony  
**Cc:** lightdancer@jps.net  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 7:31 PM  
**To:** AGRtestimony  
**Cc:** colleenkelly@hawaii.rr.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 6:50 PM  
**To:** AGRtestimony  
**Cc:** blackbird4aloha@hotmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 6:31 PM  
**To:** AGRtestimony  
**Cc:** ariannafeinberg@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Please SUPPORT HB1571 to create a pilot project of vegetative buffer zones around select schools near commercial agricultural production areas as well as creates the requirement for disclosure and notification of pesticide use at large commercial agricultural production areas. As a life-long Maui resident, I am extremely concerned about the division in our community in regards to large scale agribusiness and their pesticide use. I'm skeptical of what I read and hear on both sides of the argument... I think disclosure and buffer zones are a fair compromise between both sides. Agribusiness wants to continue with business as usual because they feel they are spraying pesticides responsibly but MANY community members fear they are being literally poisoned and want these businesses totally ousted (hence Maui's moratorium...) I think this bill is a fair compromise in the middle and I hope you will support its passage into law. Thanks for your consideration.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 4:56 PM  
**To:** AGRtestimony  
**Cc:** hokuokekai50@msn.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 4:05 PM  
**To:** AGRtestimony  
**Cc:** jen.mather@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**TESTIMONY IN OPPOSITION**  
**TO HB 1571 AND HB 790**

**Submitted by Allan Parachini**

These two identical bills seek, for at least the third time, to get the House and Senate to buy into a regulatory scheme in which the real target of the legislation is the small number of seed companies that work with Genetically Modified Organism crops. These bills try to achieve this by creating the illusion that they are focused on pesticide use.

Nearly identical (actually, probably literally identical) legislation has failed for at least the last two sessions. These bills should also fail because:

--They make assertions and pretend to draw sweeping conclusions without sufficient (in some cases any) factual documentation, seeking to drive a wedge between agricultural activities in which Hawaii's seed companies (and the limited number of GMO papaya farmers) engage and the rest of agriculture, creating a false dichotomy between GMO and "conventional" and "organic" farming.

The seed companies contribute enormously to Hawaii's economy and do so without proven adverse effects on the population. These companies have, at the same time, been made the victims of a hysterical campaign of misinformation and disinformation by organizations financially underwritten by the organic food industry that purport to work in the interests of safe food. In reality, this support is intended to outlaw GMO agriculture and everything related to it in Hawaii. The Legislature must see through this tired gimmick and disingenuous propaganda.

--Nearly all farms use pesticides. These bills seek to create the false impression that large "commercial agricultural entities"—translation: GMO seed companies—use comparatively more pesticides than other agricultural enterprises, when there is, in fact, no evidence that this is true by any valid comparative measure.

--These bills seek, again, to empower individual counties to enact their own pesticide regulatory schemes, with no requirement that such regulation have any basis in science or fact. Under this bill, a county could ban pesticide use simply because the members of its County Council don't like the color of the label on the product.

Hawaii agriculture could not survive this kind of piecemeal, inconsistent, contradictory regulation. Two U.S. District Court Judges and the Ninth Circuit Court of Appeals have noted that the Hawaii legislature reserved to itself the statewide duty to regulate pesticides. Counties do not have the expertise, personnel, funds or experience to get into the pesticide regulation business. That authority must remain at the state level.

Significantly, the Hawaii Department of Agriculture has recently stepped up its focus on pesticide enforcement, introducing statewide programs with great promise. This initiative is the best approach, not creation of an inscrutable regulatory hodgepodge county by county.

Thank you.

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 2:54 PM  
**To:** AGRtestimony  
**Cc:** cspellman@hawaii.rr.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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# HAWAII CROP IMPROVEMENT ASSOCIATION

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Laurie Yoshida

### Directors-at-Large

Adolf Helm

Richard McCormack

Dan Clegg

### President Emeritus

Kirby Kester

### Executive Director

Bennette Misalucha

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### OUR MISSION

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.

## TESTIMONY FROM BENNETTE MISALUCHA, EXECUTIVE DIRECTOR

### In Opposition to HB 1571

### Relating to Environmental Protection

### Establishes pesticide disclosure and public notification requirements for large-scale, outdoor commercial agricultural operations

## HOUSE COMMITTEE ON AGRICULTURE AND HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

February 7, 2017, 8:30 a.m.

Conference Room 325

Chairs Creagan and Lee and members of the committees:

The Hawaii Crop Improvement Association (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.

HCIA stands in **opposition to HB 1571**, which establishes disclosure and public notification requirements for outdoor application of pesticides in various sensitive areas or by large-scale, outdoor commercial agricultural operations.

We oppose HB 1571 because it indiscriminately targets agriculture and large-scale, out-door commercial agricultural operations despite the fact that agriculture accounts for only about one-third of RUP use in Hawaii. According to the Hawaii Department of Agriculture's 2015 pesticide study, seed companies that operate in Hawaii account for less than 5 percent of RUPs. The bill also seems to ignore recent studies conducted by the Department of Health and the Department of Agriculture which underscore that pesticide use in agriculture is not the cause of incidences related to school evacuations or surface water contaminations.

HCIA and its member companies take the issue of pesticide seriously. We care about the safety of our communities and employees, and our member companies expend a lot of resources to train their employees on safe pesticide use.

Our member companies are already and willing to be good neighbors. On Kauai, our member companies have been voluntarily disclosing their pesticide use through the Kauai Good Neighbor Program for a number of years. They have also agreed to participate in a statewide version of the voluntary program announced last year by the Hawaii Department of Agriculture that will be unique to each of the farms. It cannot be a one-size-fits-all approach, as different variables need to be taken into account for each individual farm. And, the program should remain voluntary so as not to impact other agricultural operations with unintended consequences.

P.O. Box 126 Aiea, HI 96701

Telephone: (808) 594-3611 Email: [Director@hciaonline.com](mailto:Director@hciaonline.com)

[www.bettercropshawaii.com](http://www.bettercropshawaii.com)



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, such as HB 1017, that would give the Hawaii Department of Agriculture increased 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 testimony in opposition of HB 1571.

Respectfully submitted,

Bennette Misalucha  
Executive Director

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 2:30 PM  
**To:** AGRtestimony  
**Cc:** dylanarm@hawaii.edu  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Dylan P. Armstrong	Individual	Support	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 2:27 PM  
**To:** AGRtestimony  
**Cc:** tracy.emills@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 2:01 PM  
**To:** AGRtestimony  
**Cc:** mendezj@hawaii.edu  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Javier Mendez-Alvarez	Individual	Support	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 1:46 PM  
**To:** AGRtestimony  
**Cc:** ctm11@yahoo.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**Sent:** Sunday, February 5, 2017 12:02 PM  
**To:** AGRtestimony  
**Cc:** deborah@imaginariums.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 11:42 AM  
**To:** AGRtestimony  
**Cc:** raphiell@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 10:52 AM  
**To:** AGRtestimony  
**Cc:** sharedpleasures@hawaii.rr.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 10:33 AM  
**To:** AGRtestimony  
**Cc:** alohalways@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 9:41 AM  
**To:** AGRtestimony  
**Cc:** molivit@yahoo.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 9:18 AM  
**To:** AGRtestimony  
**Cc:** lynn@samesmallboat.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Lynn B. Wilson, PhD	Individual	Support	No

Comments: My name is Lynn B. Wilson, and I have focused research on the impact of environmental toxins and agrochemical pesticides on young children for many years, working primarily with the pediatric and early childhood communities. I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. It is time that Hawaii take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. The importance of this bill is underscored by the American Academy of Pediatrics report and policy statements on pesticides: with a 400% increase in childhood chronic diseases over the past 50 years, we need to REDUCE the RISK OF EXPOSURE for pregnant women and young children. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It's clear that it is the state of Hawaii's responsibility to implement laws and regulations that protect our keiki and our environment from the huge amount of toxic pesticides used in our islands year after year. This pilot represents a creative opportunity to protect our keiki. I strongly urge your support for HB1571. Mahalo + Aloha, Lynn B. Wilson, PhD Waipahu, HI

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 9:15 AM  
**To:** AGRtestimony  
**Cc:** ihemphi@live.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 9:14 AM  
**To:** AGRtestimony  
**Cc:** valeriemailbox-contact@yahoo.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: The State is obligated under our constitution to protect the health safety of our citizens. The WHO Declared Glyphosate a possible carcinogen....The state of California has voted to allow that caution on every label....our legislation has allowed the use of Roundup in huge does, in combination with other weedkillers, with no concern for our environment or concern about the pollution of our drinking water or ocean and as if that isn't bad enough, has allowed the spray to occur near schools, with no concern for our most vulnerable young ones, "our future"!

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 8:49 AM  
**To:** AGRtestimony  
**Cc:** reneeariley@hotmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Pesticide disclosure requirements and a pesticide buffer zone pilot program around 5 schools. We are a community. Protect our kids.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 8:22 AM  
**To:** AGRtestimony  
**Cc:** mary@mauivortex.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Please, ban all GMO's!

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 7:06 AM  
**To:** AGRtestimony  
**Cc:** taragrace808@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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February 5, 2017

TIM VANDEVEER  
Chair  
MARIE STRAZAR  
Vice Chair

MARGARET WILLE  
SEAN SMITH  
Legislation Committee Co-Chairs

HB1571

Tuesday February 7, 2017 8:30 a.m. State Capitol, Conference Room 325

RELATING TO ENVIRONMENTAL PROTECTION

Representative Chris Lee, Chair  
Representative Nicole Lowen, Vice Chair  
Committee on Energy and Environmental Protection

Representative Richard Creagan, Chair  
Representative Lynn DeCoite, Vice Chair  
Committee on Agriculture

**Submitted on Behalf of the Democratic Party of Hawaii**

The Democratic Party of Hawaii supports HB1571 “Relating to Environmental Protection” which establishes disclosure and notification requirements for the use of certain toxic pesticides/herbicides in sensitive areas, including near schools and hospitals, and establishes a pilot project creating vegetative “pesticide” buffer zones around five schools near commercial agricultural production areas. **Passage of HB1571 is consistent with the DPH’s Environmental Wellbeing Legislative Priority for this 2017 Legislative Session to support legislation restricting the use of toxic herbicides.**

Respectfully submitted,

/s/ *Tim Vandever* (tim@hawaiidemocrats.org)  
Chair of the Democratic Party of Hawai‘i  
/s/ *Marie (Dolly) Strazar* (hilomds@gmail.com)  
Vice Chair of the Democratic Party of Hawai‘i

/s/ *Margaret Wille* (margaretwille@mac.com)  
/s/ *Sean Smith* (simashang@yahoo.com)

**DEMOCRATIC PARTY OF HAWAII**

PO Box 2041 Honolulu, HI 96805 ☐ (808) 596-2980 ☐ www.hawaiidemocrats.org ☐ info@hawaiidemocrats.org



Legislative Committee Co-Chairs

**DEMOCRATIC PARTY OF HAWAII**

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 6:10 AM  
**To:** AGRtestimony  
**Cc:** katc31999@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Sunday, February 5, 2017 6:07 AM  
**To:** AGRtestimony  
**Cc:** octopus@maui.net  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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AGRtestimony

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From: mailinglist@capitol.hawaii.gov  
Sent: Sunday, February 5, 2017 4:51 AM  
To: AGRtestimony  
Cc: ELITEHAWAII@AOL.COM  
Subject: Submitted testimony for HB1282 on Feb 7, 2017 08:30AM  
Attachments: THIS IS THE MOST IMPORTANT TIME IN OUR HISTORY OF MANKIND.docx

**HB1282**

Submitted on: 2/5/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
DONNIE BECKER	Individual	Support	No

Comments: THIS IS THE MOST IMPORTANT TIME IN OUR HISTORY OF MANKIND.....& HAWAII..... TO BECOME THE VOICE OUR DEMOCRACY...( is a system of government in which the citizens exercise power directly or elect representatives from among themselves to form "THE VOICE OF THE PEOPLE"... WE DEFIANTLY NEED TO "STOP"...THE "POWER AND THE CORRUPTION" CAUSED BY THESE CORRUPTED BY MONEY CORPORATIONS.... HAWAII is at a threshold....."ALLOWING MORE & MORE POISONS"...(the corporations call pesticides & herbicides)...to POLLUTE & DESTROY our daily lives has to END now...!! Its finally time to END the "OPEN AIR" EXPERIMENTING" on our lives and the Aina..... Poison (a substance with an inherent property that tends to "DESTROY LIFE".. or impair health.) THESE CORPORATIONS ARE TAKING "MONETARY ADVANTAGE" OVER OUR LIVES AND WE IN HAWAII....DEMAND THIS TO FINALLY END...!! SINCERELY DONNIE BECKER MAUI, HAWAII.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Saturday, February 4, 2017 9:57 PM  
**To:** AGRtestimony  
**Cc:** 333cory@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/4/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Aloha legislators, The American Academy of Pediatrics says children are highly vulnerable to pesticide exposure, and recommends increased protections from pesticides in and around schools to safeguard their health. mahalo, Cory Harden, Hilo

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Saturday, February 4, 2017 9:55 PM  
**To:** AGRtestimony  
**Cc:** jcwhite54@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/4/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: This is important to protect our Keiki and those with health issues.

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# WPHA

Western Plant Health Association

February 4, 2016

The Honorable Richard Creagan  
Chair, House Committee on Agriculture

The Honorable Chris Lee  
Chair, Energy and Environmental  
Protection

Members of the Joint Agriculture  
Committee and Energy and  
Environmental Protection Committee

**RE: HB 1571; RELATING TO ENVIRONMENTAL PROTECTION (OPPOSE)**

Dear Chairman Creagan, Chairman Lee and Members of the Joint Committee:

On behalf of the Western Plant Health Association (WPHA), I am writing in opposition to HB 1571, which would require the establishment of the “Kauai Good Neighbor Agreement” as a mandatory statewide program, establish disclosure and public notification of outdoor applications of pesticides around schools and establish a pilot program of vegetative buffers around selected schools in the state. 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 schools; however, we believe this bill is unnecessary, and will result in additional costs to farmers and the state. The bill would impact commercial agricultural operations that propagate crops adjacent to a designated school.

WPHA supports the expansion of the good neighbor program to a voluntary statewide program. We believe before the program is considered as a mandatory program it should be allowed to mature as a statewide voluntary program to determine the strengths and weaknesses of the program at that level. On a statewide basis, there may be components of the program that should be eliminated for some participants, or potentially expanded. Providing time for the program to mature as a voluntary program will allow the Hawaii Department of Agriculture (HDOA) to make those determinations.

Establishing disclosure and notification requirements for applications of pesticides beyond what is already mandated by the product label is a costly and unnecessary burden to place on farmers. If the program is going to be expanded to a statewide program and the goal is to protect all sensitive populations, the program will have to expand to include all farmers or the information the program is intending to collect will be incomplete, and therefore invalid from the program's inception. The cost of disclosing product information and public notification will substantially increase operational cost to farmers. WPHA would note, that only one state in the United States has implemented such a program because of the prohibitive costs to farmers and the state. WPHA believes that this will be true for Hawaii, especially when you consider the structure of the program will collect limited data that will not be useful.

WPHA would strongly suggest that if the state is concerned that parents of children should be notified of the use of pesticide products that children may be exposed to, then require schools to post applications and notify parents in advance. The likelihood of exposures is more likely through school use. Perhaps a more useful pilot project could be for schools to undertake this effort, which could then be a useful evaluation of costs.

There is little evidence to support the premise that safeguards from pesticide exposure are needed through additional buffers. Pesticide registrants who provide products used around sensitive population centers must provide United States Environmental Protection Agency (USEPA) proof of their safety through multiple exposure scenario studies specific to these settings. These rigorous studies are designed by the USEPA to ensure safe use protocols are developed. USEPA specifically establishes use requirements in recognition of use in these settings. If USEPA's scientific analysis results in a determination that buffers or use restrictions are needed to protect surrounding communities or sensitive populations, then USEPA requires these measures as part of the product label. The stringent application protocols require farmers and applicators to provide these safeguards.

These safeguards are effective. Last year, the Hawaii Department of Agriculture (HDOA) conducted an analysis of school related pesticide complaints for approximately the prior ten years. Through this analysis, it was determined that allegations of pesticide exposure causing widespread harm are inaccurate. The report clearly demonstrated that all but one complaint (that involved a turf operation) were from home use products. According to HDOA, there have been **no drift incidents in Hawaii** impacting schools from any farms including large-scale agricultural operations.

The proposed buffer program would do nothing to protect schools from what appears to be the real threat, misapplication of products from home owners. If the goal is true protection, then will home owners be required to discontinue the use of products at their homes and establish state mandated vegetative buffers if they border a school? Again, if the goal is to protect sensitive population groups, then shouldn't all sectors of Hawaii's population participate?

Mandating additional buffers will have substantial costs to farmers. Requiring farmers to take land out of production will reduce income to farmers already operating under very narrow margins, while increasing costs through the planting and maintaining of vegetative buffers. Vegetative buffers can range from thirty feet in width, up to one hundred feet in width potentially making some farmers uncompetitive. Additionally, HB 1571 prohibits the application of any pesticide around a pilot schools. With Hawaii's temperate climate that encourages pest growth, this three-pronged argument would result in dramatic crop losses to farmers.

HB 1571 is also problematic due to the lack of transparency. The bill fails to identify the parameters of, or clear process on how schools will be selected. But, more troubling is the fact that the minimum buffers for farmers is not established in the bill and there are no clear guidelines, parameters or metrics for how these buffer zones will be set. The lack of quantifiable information from which to estimate the ultimate cost of this program makes it impossible to accurately assess the real costs to agriculture.

While impacting surrounding farmers, the bill does not allow farmer participation in the siting of pilot schools. Farmers would bear the cost impacts of removing arable acreage, prohibitions of needed crop protection tools, and cost of planting permanent additional buffer systems, without having any voice in the program. Any pilot school program should include not only the support of volunteer schools, but that of surrounding farmers who will bear the cost of this program.

Finally, the lack of clearly identifiable standards for buffer zones creates constitutional "taking" problems under Hawaii's State Const. Art. I, Section 5 and United States Const. 5<sup>th</sup> Amendment and 14<sup>th</sup> Amendment. A "regulatory taking" occurs when government regulation limits the uses of private property to such a degree that the regulation effectively deprives the property owners of economically reasonable use or value of their property to such an extent that it deprives them of utility or value of that property, even though the regulation does not formally divest them of title to it. *Lucas v. South Carolina Coastal Council*, 505 U.S. 1003 (1992). Here, the pilot program would need to have a clearly identified "essential nexus" between the legitimate state interest and the burden being placed upon the property interest. *Nolan v. California Coastal Commission*, 483 U.S. 825 (1987). Based on the foregoing, we do not believe the state has adequately demonstrated that there is an essential nexus being accomplished furthering the public interest via a buffer zone, especially since the degree and distance has yet to be established.

Vegetative buffers are part of an Integrated Pest Management (IPM) system that can be beneficial to farmers. WPHA believes a better use of state resources would be to provide additional funding to University Extension agents and HDOA to provide additional education and training to farmers on useful IPM systems, and other users on safe handling and application of products. We believe that to avoid unintended consequences from prematurely mandating that the good neighbor program be implemented by statute, a period be allowed for the development and implementation of the program on a statewide basis. We also believe that if the legislature wishes to

implement a notification program for parents on potential exposure from pesticides to their children, it should begin where children would most likely encounter pesticides outside the home, in schools. For these reasons WPHA **opposes** HB 1571 and asks the committees for a **no** vote. We thank you for your consideration of our comments.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Pinel', with a stylized flourish at the end.

Renee Pinel  
President/CEO

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Saturday, February 4, 2017 7:53 PM  
**To:** AGRtestimony  
**Cc:** maria.makaleha@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/4/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Aloha to the Ag and Environmental Protection Committees, I am writing to you to express the strong support I and my family have for HB1571. This pilot program is an excellent first step in helping our state to establish safe buffer zones around our schools, hospitals, and neighborhoods to protect them from the effects of pesticides and herbicides. Public notification of dates and times of spraying, as well as the substances sprayed, is terribly important, and it is hard to believe this is not all ready in place since it is such a basic right for anyone living or passing through an agricultural area to know these facts. Please give this bill your support, to protect the health and safety of our keiki, kupuna, and aina. Mahalo for considering my testimony. Maria Walker PO Box 33 Kapa'a, HI 96746

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Saturday, February 4, 2017 12:02 PM  
**To:** AGRtestimony  
**Cc:** tboh18@yahoo.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/4/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Need to protect public from pesticide abuse.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Saturday, February 4, 2017 12:02 PM  
**To:** AGRtestimony  
**Cc:** jshon1987@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/4/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Saturday, February 4, 2017 11:35 AM  
**To:** AGRtestimony  
**Cc:** kaloli.pt@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/4/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Friday, February 3, 2017 3:52 PM  
**To:** AGRtestimony  
**Cc:** mendezj@hawaii.edu  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/3/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Javier Mendez-Alvarez	Individual	Support	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 1:47 PM  
**To:** AGRtestimony  
**Cc:** sue.leeloy@hawaiicounty.gov  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Council Woman Sue Lee Loy	Individual	Support	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 1:46 PM  
**To:** AGRtestimony  
**Cc:** elle.cochran@mauicounty.us  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 1:44 PM  
**To:** AGRtestimony  
**Cc:** ofstone@aol.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Jeri Di Pietro	GMO Free Kaua'i	Support	No

Comments: Aloha AGR and EEP Committee Chair and Members, The many members of GMO Free Kaua`i supports HB 1571 to implement disclosure of pesticide spraying. We ask for your support of HB 1571 to help Hawai`i's citizens and especially our keiki, soil, critical habitat for endangered species, water and coastal reefs. Mahalo, Jeri Di Pietro

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 1:43 PM  
**To:** AGRtestimony  
**Cc:** advertising@holoholocharters.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 1:36 PM  
**To:** AGRtestimony  
**Cc:** ashman.janet@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
J Ashman	Individual	Oppose	No

Comments: I respectfully oppose HB 1571, which would establish restrictive and burdensome requirements for Hawaii's farmers without providing any additional safeguards for the public. Pesticides are used by nearly everyone in Hawaii, not just farmers and homeowners. Our water purveyors add restricted use pesticides to our water to protect us from pathogens. Our watersheds are protected from destruction by the use of pesticides to eliminate invasive species. Pesticides can and are being used safely. This bill is unnecessary because both the EPA and Hawaii Department of Agriculture already strictly regulate the use of pesticides. All potential impacts on health and the environment are scrutinized, and strict federal and state laws are in place to mandate how each pesticide is used. HB 1571 will make it more difficult to farm in Hawaii and it is already nearly impossible to compete with mainland farmers. Please consider the complex and burdensome federal and state regulations in place to determine whether there is a real need for these proposed state measures and additional restrictions. Thank you.

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Dr. Cindy Goldstein, Ph.D  
Aiea, Hawaii

HB1571 Relating to Environmental Protection and Vegetative Buffer Zones  
House AGR/EEP Committees  
Tuesday, 02-07-17 8:30AM in House conference room 325

Chair Richard Creagan and Vice Chair Lynn DeCoite, Chair Chris Lee and Vice Chair Nicole Lowen,

**Position: Oppose**

HB 1571 looks at ways to reduce exposure of children to pesticides while on school grounds. This is important to address, yet the approach does not make sense.

Past incidents of pesticide drift or exposure reported in Hawaii on school grounds between 2006 and 2015 were investigated and shown to be due to neighboring homeowners' use of pesticides or the way pesticides have been handled on school grounds. Farms are often accused and then found not to be the source of the pesticide drift. Only one incident was an agricultural operation which was on a small turf grass farm. The solution being proposed, to have large agricultural operations report use of pesticides and setting up buffer zone studies next to large agriculture operations is a highly visible way to address concerns raised by organizations, individuals that may not even live in Hawaii, and by Hawaii residents. The approach proposed in HB1571 is not an effective approach given what has occurred and the findings of the investigations conducted.

Education of homeowners in their use of pesticides, education of school personnel in their handling, storage, and application of pesticides would be more effective. Hawaii residents would be better served if policy is based on approaches that address situations that have occurred that have had an impact on schools, not on a desire to target the use of pesticides by large agriculture operations.

Protection of the public from exposure to pesticides is very important and both state and federal regulations already exist to address this. Processes for reporting a concern or incident are already in place and incidents are already reported and investigated.

Large scale agriculture operations are the focus and the target of this legislation. If safer use of pesticides is the goal, pesticide education of all users of pesticides is a recommended approach.

Thank you for the opportunity to provide testimony in opposition to HB1571.



**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 1:29 PM  
**To:** AGRtestimony  
**Cc:** autumn.ness@mauicounty.us  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Our schools should get the very best protection from pesticide exposure. We can not continue to expose our children to pesticides, which have proven effects on their development, in the very place we send them for an education.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 1:28 PM  
**To:** AGRtestimony  
**Cc:** Marisanoahu@aol.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 2:08 PM  
**To:** AGRtestimony  
**Cc:** yamaguchd009@hawaii.rr.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Dennis Yamaguchi	Individual	Oppose	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 2:02 PM  
**To:** AGRtestimony  
**Cc:** greenleaf.maui@yahoo.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: I am fully in support of this bill.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 1:59 PM  
**To:** AGRtestimony  
**Cc:** bhaktirocks@sbcglobal.net  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 2:19 PM  
**To:** AGRtestimony  
**Cc:** panther\_dave@yahoo.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: It's not enough, but at least it's a start.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 2:19 PM  
**To:** AGRtestimony  
**Cc:** dannygr@hawaiiantel.net  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: We need adequate protection for children from pesticides. Don't wait until it's too late for some.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 2:22 PM  
**To:** AGRtestimony  
**Cc:** ashzz@mac.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 2:57 PM  
**To:** AGRtestimony  
**Cc:** joanconrow@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Joan Conrow	Individual	Oppose	No

Comments: This bill is completely unnecessary. There is no indication that drift is occurring and no evidence that a vegetative buffer will provide protection. Pesticides are already carefully regulated by the EPA, which sets buffer zones for each product. What's more, all the school evacuations have been caused by misuse of pesticides by homeowners, not the seed companies.

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Testimony from Jeff Case, Senior Director Government Affairs, CropLife America

In opposition to HB1571 – Relating to Environmental Protection

Tuesday, Feb. 7, 8:30 am – House Committees on Agriculture and  
Energy and Environmental Protection

Aloha Chairs Creagan and Lee and members of the committees,

CropLife America (CLA) represents the manufactures and registrants of pesticide products that are used for agriculture production. We recognize the need for these valuable crop protection products to be used in a manner that is protective to schools, children and sensitive environmental areas. But we are opposed to HB 1571.

Farmers in Hawaii – large and small - have been working the land for generations. They have an interest and a responsibility to keep their land safe and healthy for use both today and in the future. Restricted Use Pesticides (RUPs) are tools they use to protect their land from weeds and pests and are part of important Integrated Pest Management (IPM) strategies embraced by the agricultural community. If RUPs could not be safely used, farmers would not use them.

RUPs are restricted in that they may only be applied by or under the supervision of a trained and certified applicator and are not available to the general public. These special applicators are required to follow certain special rules, such as applying only during certain times or at certain locations or leaving untreated buffer areas, as prescribed by the label. That doesn't mean RUPs are necessarily more toxic than other pesticides. Unlike other pesticides, applicators must be recertified by the Hawaii Department of Agriculture every 5 years which helps ensure that these pesticides are applied safely and according to label instructions.

Generic and arbitrary buffer zones are an emotive-based mandate and lack the stringent scientific protocols used to develop pesticide labels. Not only are farmers already implementing voluntary buffers specific to the product used, but the Dept. of Agriculture also takes into account the unique circumstances, topography, and environmental conditions that may require customized buffer zones.

A strong state pesticide regulatory program is essential to assuring the public that valuable pesticide products are used properly. We believe that the legislature has an opportunity to provide that support to the Hawaii State Department of Agriculture through HB 889 which provides them with the funding to strengthen their capacity to regulate pesticides in the state. If lawmakers are sincere about addressing public safety, support the pesticide branch of the Dept. of Agriculture through HB 889.

Mahalo for your consideration.

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 3:08 PM  
**To:** AGRtestimony  
**Cc:** johnnaylor@kula.us  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: INCREASE BUFFER ZONES AROUND ALL SCHOOLS AND RESIDENTIAL AREAS

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# *Marghee's Mobile Medical*

**Margaret Maupin, APRN, FNP**

**4015 Waha Road, Kalaheo, HI 96741**

**Phone: (808)635-2082 Website: [www.marghee.com](http://www.marghee.com)**

## **Senate Committee on Agriculture and the Environment**

**Re: SB779**

**In support**

January 30, 2017

It is an honor to testify for this committee on SB779. My name is Marghee Maupin. I am a primary care provide and a Nurse Practitioner on the island of Kauai. I have lived most of my life on Kaua'I and I have worked in health care for more than 30 years. I have worked on all sides of Kauai island as a health care provider.

I am in strong support of SB779. There needs to be an expanded membership of multiple disciplines on the states Pesticide Advisory Board. The tasks to establish state chronicity standards are complicated and require input from a wide and key members in the community, especially in the medical field. This has especially come to my attention as I have attempted for years to ascertain guidance from the two state agencies, DOH and DOA.

.Something that I found interesting and troubling in the JFFG report from the Department of Agriculture and the Department of Health is that they said that Department of Agriculture totaled fewer that 100 pesticide exposure incidents.

I have made at least 30 calls to the Department of Health and the Department of Agriculture (each agency said that the other was tasked with taking reports of pesticide exposures). I have told both of these agencies (phone calls, emails, letters) that I wanted to file a complaint/report about patients that I felt (for various reasons) were ill from pesticide exposure. Both of these agencies would not take a report from me. They told me that the patient had to make the report and that I was not in any position as a health care provider to file a report of suspected pesticide illness. This included one patient who started to lose consciousness in my office and fell into a coma for several days. The DOA and DOH answered in kind that they will take a report from the patient (if the patient wants to report) when they come out of the coma ". For 2 years I tried to file pesticide exposure reports. I finally demanded (in a more public setting) that I be given a pesticide report to file formal complaints. The DOH finally did send me a report form from California. I suspect now that there is likely a Hawaii report form.

I did encourage patients to file reports, but they were 1) afraid they'd lose their job, 2) be ostracized by family and friends, 3) their bosses had reassured them that they would never be put in harm's way. I was successful with one patient who recently filed a formal report with the DOA.

# *Marghee's Mobile Medical*

**Margaret Maupin, APRN, FNP**

**4015 Waha Road, Kalaheo, HI 96741**

**Phone: (808)635-2082 Website: [www.marghee.com](http://www.marghee.com)**

The "Good Neighbor Policy" was a volunteer effort by the agrichemical companies to offer some transparency. To this day I do not know of any health care provider (including myself) who has found this program helpful to treat or test their patients who they think could be ill because of pesticide exposure. The problem with the policy is it does not show what chemical was sprayed where and when it was sprayed. Also the chemical names in the "Good Neighbor Policy" are long and unfamiliar. They are of no help to me.

If there is a pesticide report advisory board already in place I have no knowledge of it. I think I would know about it since I am a health professional working in the community where there is high pesticide exposure. Something that I found interesting and troubling in the JFFG report from the Department of Agriculture and the Department of Health is that they said that Department of Agriculture totaled fewer than 100 pesticide exposure incidents.

I have made at least 30 calls to the Department of Health and the Department of Agriculture (each agency said that the other was tasked with taking reports of pesticide exposures). I have told both of these agencies (phone, emails) that I wanted to file a complaint/report about a patient that I felt (for various reasons) was ill from pesticide exposure. Both of these agencies would not take a report from me. I made my own form which I did not get any feedback from when I used the report to report a pesticide incident exposure. They told me that the patient had to make the report and that I was not in any position as a primary care provider to file a report of suspected pesticide illness. This included one patient who started to lose consciousness in my office and fell into a coma for a few days. The DOA and DOH said to me "We will take a report from a patient when they come out of the coma". For 2 years I tried to file reports and I was refused. I finally demanded (in a more public setting) that I be sent a report form (I had been asking for report form for the 2 years). The DOH finally did send me a report form from California. I suspect now that there is likely a Hawaii report form.

I did encourage patients to file reports, but they were 1) afraid they'd lose their job, 2) be ostracized by family and friends, 3) their bosses had reassured them that they would never be put in harm's way. I was successful with one patient who recently filed a formal report with the DOA. However, from reviewing the JFFG Report, it's clear that my reports to DOH and DOA have not been recorded.

I am sharing my experience largely because it validates the importance of having a comprehensive pesticide advisory board that has members of diverse backgrounds

# *Marghee's Mobile Medical*

**Margaret Maupin, APRN, FNP**

**4015 Waha Road, Kalaheo, HI 96741**

**Phone: (808)635-2082 Website: [www.marghee.com](http://www.marghee.com)**

that are all key to approaching the problems from their differing perspectives. I also believe that there should be more than one medical consultant, considering the substantial health concerns for possibly thousands of people.

Again, I am in strong support of passing SB779 for the protection of Kauai's people and the environment.

Sincerely,

Margaret Maupin, APRN

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 4:11 PM  
**To:** AGRtestimony  
**Cc:** mariyakai@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: I am in strong support of this bill.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 4:09 PM  
**To:** AGRtestimony  
**Cc:** niki kaneohe@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: SUPPORT

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**To:** AGRtestimony  
**Cc:** hooluanaranch@yahoo.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Luana Beck	Individual	Oppose	No

Comments:

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Phone: (808) 848-2074; Fax: (808) 848-1921  
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February 7, 2017

HOUSE COMMITTEE ON AGRICULTURE  
HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION

**TESTIMONY ON HB 1571**  
RELATING TO ENVIRONMENTAL PROTECTION

Room 325  
8:30 AM

Aloha Chairs Creagan and Lee, Vice Chairs DeCoite and Lowen, 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 strongly opposes HB 1571**, which would remove the authority to regulate certain pesticides from the U.S. EPA and the State Department of Agriculture pesticide experts and allow each county to make its own laws to restrict or prohibit farmers from using pesticides. In addition, it establishes onerous and unnecessary requirements for farmers' use of pesticides and creates a pilot program that requires a vegetative buffer zone around 5 selected schools.

**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 in California and 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 often EPA enforcement agents arrive promptly at the farm to conduct an exhaustive investigation and enforce corrective action.

## **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, arbitrary, 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 – where is the problem?**

- Many of the claims made in this measure are inaccurate and misleading. The entire bill contradicts EPA's findings and regulatory programs allowing for safe use of pesticides. It also contradicts facts and data from Hawaii.
- There is no evidence to support these additional and overwhelmingly burdensome requirements on our farmers.
- The Hawaii DOA and DOH are already undertaking environmental monitoring studies to obtain more data to add to previous studies, which all demonstrated that pesticides are **not** causing health or environmental impacts in our state.
- The cost of sharing product and specific use information, mandatory no-pesticide zones, and potential litigation will substantially increase farmers' costs without any increase in public safety.
- Other states have considered some of the requirements proposed in this bill 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 in Hawaii over the last decade or so, that impacted a school, found that farmers' use of pesticides was not the problem (in one case, a turf grower misapplied a product). The proposed buffer program would not protect schools from incidents like these which were caused for the most part by homeowners' misapplication of products.
- Data from the Hawaii Poison Hotline is informative. The vast majority of the calls were **not** about pesticide drift but were about possible pesticide exposure in the home. Many of these were about children, i.e. where the child got into a cupboard where a pesticide was stored. Most of these exposures resulted in either no or minor health effects.
- Monitoring studies at Waimea Canyon Middle School, and other Kauai locations, show that the air quality is well within the strict health-based screening levels established by regulatory authorities. The often-cited school incident at Waimea Canyon Middle School that caused students to be evacuated, was determined by state officials **NOT** to be caused by pesticides.
- The voluntary Good Neighbor Program for large agricultural operations has been successful on Kauai and there is no justification for making it mandatory.

### **Arbitrary buffer zones are unnecessary and hurt agriculture**

- The EPA conducts a thorough scientific analysis of each pesticide before allowing it to be marketed and used. If needed, EPA already mandates specific buffers or other use restrictions as part of the legally enforceable product use requirements.
- Hawaii farms are very small in comparison to mainland farms. Taking a portion of a farm out of production could have devastating effects on the farm's ability to remain viable.

### **Counties are not equipped to make and enforce pesticide laws**

- In order to have safe and productive farms and ranches to provide food, flowers, and other agricultural products, not to mention the beautiful vistas Hawaii's residents and visitors expect, farmers must conduct their work under uniform and scientifically valid pesticide regulations.
- The U.S. EPA and the Hawaii Department of Agriculture have the expertise and resources to ensure that pesticides are regulated properly and that pesticides are used safely. The counties do not have this expertise nor the resources to put into place an effective regulatory and enforcement system.

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

- If the purpose of this measure is to better protect children from possible pesticide exposure, we should focus efforts on schools and in homes, where pesticide misuse could more likely occur.
- The State could implement an Integrated Pest Management program at each school. Schools themselves are not required to post notices regarding their own pesticide applications or to notify parents in advance.
- HFB has been requesting adequate funding for programs run by University of Hawaii and HDOA 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, DOA and DOH can reinvigorate their pesticide home safety programs to help prevent these accidents.

HFB is extremely 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 certainly deter our next generation from entering farming altogether.

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

## AGRtestimony

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From: mailinglist@capitol.hawaii.gov  
Sent: Monday, February 6, 2017 3:39 PM  
To: AGRtestimony  
Cc: willdavis108@gmail.com  
Subject: Submitted testimony for HB1571 on Feb 7, 2017 08:30AM  
Attachments: Power Point Slide for Functional MRI Scans Show Abnormal Activation in the Brain from Neuro-toxicants- Pesticide Laws Will Minimize County and State Liabilities.pages

Categories: Green Category

### **HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Will M Davis	Individual	Comments Only	Yes

Comments: Dear Distinguished Law Makers, I support all your very good bills which will legislate ethically and medically required pesticide shielding, and implementing medical testing for saving our Keiki. Regarding medically determined pediatric (Keiki) damage from neuro-toxicants like chlorpyrifos, methyl mercury, glyphosate, lead, organophosphates, Please click on: [View Large Image](#) | [View Hi-Res Image](#) | [Download PowerPoint Slide Figure 2: Functional MRI scans show abnormal activation in the brain Average activation during finger tapping with the left hand in three adolescents with increased prenatal methylmercury exposure \(A\) and three control adolescents \(B\). The control participants activate the premotor and motor cortices on the right, whereas participants exposed to methylmercury activate these areas bilaterally.](#) What if Tom Brady, as a child, had eaten and/or breathed in enough lead, chlorpyrifos, methyl mercury, or glyphosate? If both left and right premotor and motor cortices were activated by the fingers of his right hand, then his footballs would have a very high likelihood (probability) of incomplete and intercepted. However high intelligence scores are correlated to faster and more integrated correct left/right brain to right/left fingers, Thus Tom Brady has a very high probability of making completed passes, and consistently winning. Chlorpyrifos, and glyphosate effect intelligence in a similar way as DDT. "Recent studies have shown INVERSE CORRELATIONS between serum concentrations of DDT or DDE (which indicate accumulated exposures), and neurodevelopmental performance (Lancet Neurol, 2014). Dr. Jim Yong Kim, MD., President of the World Bank wants Hawaii to know: "Evidence from worldwide sources indicates that average national IQ scores are associated with gross domestic product (GDP)—a correlation that might be causal in both directions.<sup>99</sup> Thus, poverty can cause low IQ, but the opposite is also true. In view of the widespread exposures to lead, pesticides, and other neurotoxicants in developing countries, where chemical controls might be ineffective compared with those in more developed countries,<sup>100, 101</sup> developmental exposures to industrial chemicals could contribute substantially to the recorded correlation between IQ and GDP (Lan Neurol, 2014). "Thus, each loss of one IQ point has been estimated to decrease average lifetime earnings capacity by about €12 000 or US\$18 000 in 2008 currencies.... Prevention of developmental neurotoxicity caused by industrial chemicals is highly cost effective. A study that quantified the gains resulting from the phase-out of lead additives from petrol reported that in the USA alone, the introduction of lead-free petrol has generated an

economic benefit of \$200 billion in each annual birth cohort since 1980,103 an aggregate benefit in the past 30 years of over \$3 trillion (Lancet Neurol, 2014) These "exposures in early life to neurotoxic chemicals can cause a wide range of adverse effects on brain development and maturation that can manifest as functional impairments or disease at any point in the human lifespan, from early infancy to very old age (Lancet Neurology, 2014)." Such molecular chaos (physiological disorder) has also created, as in the case of glyphosate, "a multitude of cancers that are reaching epidemic proportions, including breast cancer, pancreatic cancer, kidney cancer, thyroid cancer, liver cancer, bladder cancer (J Biological Physics and Chemistry, 2016). US glyphosate spraying of foods, may be a major contributor to aggression in US schools (bullying and school violence) since 1990, because this toxin depletes serotonin and tryptophan in the human brain, reports the prestigious physics journal, Entropy, 2013. By not urgently and immediately passing pesticide safety bills, the Kauai County and Hawaii State treasuries may be probably (more likely) emptied by impending law suits. Again we have an inverse correlation, like an X. As pesticide concentrations rise inside Keiki [please see the rising line in the x], available county and state treasury funds will minimize [please see the falling line in the X]. Here are related pending urgent law suits against multinationals, who unlike the state of Hawaii and county of Kauai, have unlimited funds for settlements in litigations.

11/9/2016 - GMO king Monsanto has another legal problem heading i ts way. A federal judge has said that the city of Spokane, Washington's lawsuit against the agro-chemical behemoth over pollution in the Spokane River can move ahead. Learn more: <http://www.naturalnews.com/lawsuit.html#ixzz4XRXDYwnT>

11/4/2016 - Monsanto is finally being held liable for genetically engineered wheat that was found growing illegally on an Oregon farm in 2013. The "Roundup Ready" wheat genetically modified to withstand applications of glyphosate has been tested in 16 states, including Oregon, from 1998 to 2005, Learn more: <http://www.naturalnews.com/lawsuit.html#ixzz4XRXarWBW>

8/31/2016 - General Mills is being sued for misleading use of the term "natural" on packages of Nature Valley granola bars, which have been shown to contain residues of the toxic herbicide glyphosate (Roundup). The lawsuit, filed by Moms Across America, Beyond Pesticides and the Organic Consumers Association, Learn more: <http://www.naturalnews.com/lawsuit.html#ixzz4XRXmoMHq>

Marc Fellous, former President of the Biomolecular Engineering Commission (CGB), has been found guilty of forgery and use of forgery to defame Prof Gilles-Eric Séralini. On 22 September a judge in the Criminal Court of Paris found Fellous guilty of forgery and the use of forgery in order to defame Prof Gilles-Eric Séralini and CRIIGEN, a research association which focuses on the risks of genetic engineering and pesticides and the development of alternatives. Learn more: <http://www.gmoseralini.org/seralini-attacker-found-guilty-of-forgery-over-monsanto-study-review/> These above court precedent documents, and many more are being transferred to the Hawaii State Judiciary. All we have to do is give Kauai what Dr. Lee Evslyn, MD., is asking for to avoid the inevitable massive litigation battles, draining our treasuries, and our spirits. Thank you. Sincerely, Will M. Davis 4215 Hoala St., Apt. 101 Lihue, HI 96766 808-265-1854 willdavis108@gmail.com

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 5:17 PM  
**To:** AGRtestimony  
**Cc:** gifts9954@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**LATE**

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 4:59 PM  
**To:** AGRtestimony  
**Cc:** teresa.parsons@hawaii.edu  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Esteemed committee members, Mahalo for the opportunity to testify on this important bill. I stand in STRONG SUPPORT of HB 1571. HB 1571 will protect the State's keiki from the unintended impacts of large-scale agricultural pesticide use by: Making the reporting guidelines of the Kauai agricultural good neighbor program mandatory for large-scale, outdoor commercial agricultural operations on each island; and establishing disclosure and public notification requirements for outdoor applications of pesticides near schools, healthcare, childcare, eldercare facilities and other sensitive areas. It will also establish a pilot program to create vegetative buffer zones around selected schools on Oahu, Maui, Kauai, Hawaii and Molokai. As a healthcare provider, I urge you to support this important bill for the protection of our keiki and future generations.

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AGRtestimony

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From: mailinglist@capitol.hawaii.gov  
Sent: Monday, February 6, 2017 4:55 PM  
To: AGRtestimony  
Cc: boydready@hawaii.rr.com  
Subject: Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

Categories: Green Category



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Boyd Ready	Individual	Oppose	No

Comments: Dear Committee members: I am opposed to this bill as the use of buffer zones is already a part of the pesticide use law and is specifically called out for each type of pesticide on the label. Following the label is the law, and the inspection regime for certified applicators is thorough and, in fact, provides more inspectors per licensed applicator than public police forces provide per licensed automobile driver. Actual harm of pesticides to people is miniscule in comparison to harms caused by automobiles, yet we are satisfied with police traffic control. I believe you should leave this alone and move on to other things. With respect, Boyd Ready

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AGRtestimony

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Sent: Monday, February 6, 2017 4:48 PM  
To: AGRtestimony  
Cc: bgreenleaf.maui@yahoo.com  
Subject: Submitted testimony for HB1571 on Feb 7, 2017 08:30AM  
Attachments: HB1571.docx  
  
Categories: Green Category

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**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**Sent:** Monday, February 6, 2017 4:44 PM  
**To:** AGRtestimony  
**Cc:** dan.nellis@dole.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Daniel Nellis	Dole Food Co. Hawaii	Oppose	No

Comments:

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**Sent:** Monday, February 6, 2017 4:24 PM  
**To:** AGRtestimony  
**Cc:** helmut@classicorganic.org  
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**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Helmut Klauer	A'a Li'i Farm	Support	No

Comments:

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**Sent:** Monday, February 6, 2017 5:26 PM  
**To:** AGRtestimony  
**Cc:** holographia@gmail.com  
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**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**Testimony of Paul H. Brewbaker, Ph.D., CBE**  
 606 Ululani St.  
 Kailua, Hawaii 96734-4430



**Re: HB nos. 252, 253, 790, 1571, 1282**

I rise to oppose House Bills numbers 252, 253, 790, 1571, 1282 because they ignore scientific consensus, ignore that restricted use pesticides are already regulated by the federal government, and generally disinform the public by misportraying—with disregard for science and the facts—beneficial agricultural uses of insecticides and herbicides as putative human health and environmental risks without benefit of research to support the presumption underlying each of their flawed legislative proposals.

The State of Hawaii will be condemned to years of litigation that it will lose for nothing seeking to deny Hawaii agriculture’s Last Man Standing, the corn seed industry, the ability to responsibly use agricultural chemicals safely, as intended, under the constraints imposed by federal regulations and regulators with way more science under their belts than the non-scientists who were the *only* members of the Joint Fact Finding schmackety-schmack not to bail on the group for sheer lack of credibility and integrity. Were these bills proposed by the Trump Administration?

It is completely disingenuous to pretend that these bills’ primary concern regards pesticides. First of all, these bills don’t *even* go after all agricultural pesticide uses, they *only* target some uses by some users, namely, three corn seed companies. Second, the bills fail to recognize that the seed industry’s uses are virtually indistinguishable from its share of Hawaii farmed acreage.<sup>1</sup> Third, there is no mention of industrial, residential, or non-agricultural

<sup>1</sup> According to the 2012 *Census of Agriculture* for Hawaii, agricultural chemical use in Hawaii of *all* kinds, including organic farms, is roughly proportionate to farm acreage. This bill ignores about three-quarters of all agricultural uses, not to mention non-agricultural uses (before the shutdown of HC&S on Maui).

	Unit	Total	Other	Seed*	Other as % of Total	Seed as % of Total
<b>Farms and income</b>						
Farms	number	7,000	6,988	12	99.8	0.2
Land in farms	acres	1,129,317	1,107,015	22,302	98.0	2.0
<b>Crop and livestock values</b>						
<i>Market value of products sold</i>	million\$	<i>661.347</i>	<i>508.948</i>	<i>152.399</i>	<i>77.0</i>	<i>23.0</i>
Value of government payments	million\$	5.228	5.228		100.0	0.0
<i>Addendum: sold directly to individuals</i>	million\$	<i>13.215</i>	<i>13.215</i>		100.0	0.0
<b>Fertilizers and chemicals applied</b>						
Fertilizers	acres	109,503	100,467	9,036	91.7	8.3
Manure	acres	5,165	5,165	-	100.0	0.0
Herbicides	acres	114,713	105,295	9,418	91.8	8.2
Insecticides <sup>†</sup>	acres	34,506	26,466	8,040	76.7	23.3
Treated for disease (crops, orchards)	acres	9,143	6,484	2,659	70.9	29.1
Other chemicals <sup>‡</sup>	acres	19,000	19,000	-	100.0	0.0

\*Corn comprised 99.7 percent of seed sales; all data are for NAICS industry code 1111, oilseed and grain farming

<sup>†</sup>Includes treatment for nematodes

<sup>‡</sup>Used to control growth, thin fruit, ripen, defoliate

\*Excluding manure; geometric means of nonzero exposure shares are 14.6% for seed, 87.8% for other

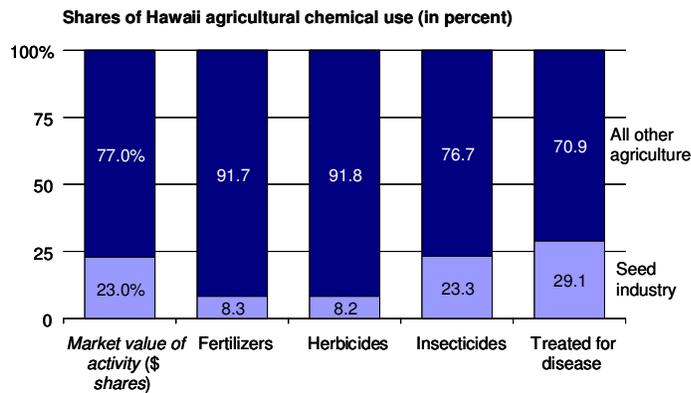
Source: Table 68; 2012 *Census of Agriculture* (Hawaii) (May 2014)

commercial uses of pesticides except—in one instance among the five bills to which I refer—mention of day care centers and certain other related areas implausibly associated, as a generalization, with restricted use pesticide application.

As some of you know, I have written as a consultant of the Hawaii Crop Improvement Association (HCIA) two economic impact studies on Hawaii’s seed industry, dominated by maize (corn), extending prior research conducted by my economist colleagues Dr. Tom Loudat and his collaborator Professor Pralad Kastury. One of my studies was researched at the industry’s peak, prior to 2014. The other was a follow-up, an update following the collapse of global commodity prices at the end of that that year and its consequences for the derived demand for research and development in the maize genome in Hawaii, commonly known as Hawaii’s seed industry. Hawaii’s modern seed industry began with winter maize plant-breeding research, after my father joined the University of Hawaii faculty, with his graduate students in the mid-1960s.<sup>2</sup> Several years later, inaugural gatherings of what became the HCIA comprising more than 200 seed companies, one of which was kick-started by my grandfather (also a Ph.D. geneticist and plant breeder), were held on Molokai and on Kauai. The industry is Hawaii agriculture’s largest by far today, and on Molokai has existed on former pineapple lands for longer than did the pineapple industry itself. Besides conveying my limited credentials in this regard, this paragraph is intended to provide a multi-generational context of Hawaii ohana engaged with the seed industry for more than a half century. You are talking about thousands of farmers’ and their families livelihoods, without evidence of harm from the industry.

### Regarding HB 253 Relating to Pesticides

Insecticides like Dursban based on chlorpyrifos have been around for a half century and have been withdrawn from household use, but remain available to farmers and others whose rigorous professional requirements for use are a part of their broader regulation by the U.S. Environmental Protection Agency. I have no reason to believe chlorpyrifos is either under-



<sup>2</sup> J.L. Brewbaker and D.E. Hamill (1967), “Winter corn seed production on the Island of Molokai,” *Hawaii Agricultural Extension Service Technical Progress Report* **160**:11, and J.L. Brewbaker (ed.) (1969), “Corn seed production in Hawaii: Present problems and future potential,” *Proceedings of the 1<sup>st</sup> Hawaii Seed Industry Conference, Molokai, Hawaii*. Auntie Bett (Dr. Hamill) still lives on Molokai with her husband Dr. Granger.

regulated in the United States or is misused in Hawaii agriculture. In my personal interactions with people in the pineapple and corn seed industries, specifically, I have *never* gotten the impression that federal requirements are treated cavalierly. Indeed, over the years I have come to the opinion—based on comparisons to my own past work experiences in such areas as manufacturing or ocean engineering—that these Hawaii agricultural activities have safety protocols deeply ingrained into their corporate cultures and attentive to the safety of the communities in which they operate. Chlorpyrifos-based insecticide is a component of a portfolio comprising integrated pest management approaches to pathogen mitigation that have been highly successful in *reducing* overall pesticide use in the United States. From what I have seen in the literature, incidence of human toxicity associated with chlorpyrifos largely has been limited to countries where adherence to such protocols is weak. There is no such evidence in Hawaii of any kind, to the contrary. The bill’s own finding [*sic*] that a, “West Kauai agribusiness operation sent at least ten farm workers to the hospital after exposure to chlorpyrifos” conflates evidence that professional safety standards in Hawaii agriculture receive rigorous compliance with the hysterically fake news that workers are being poisoned. *This citation seeks to justify legislation on fake news.* The bill itself recognizes that the EPA is in the process of establishing new human health standards with regard to chlorpyrifos use, yet this bill proposes to ban it before study has concluded. This is like invading Iraq because of weapons of mass destruction when their existence only has been hypothesized by paranoids. The proposal in HB 253 is redundant, pre-emptive regulation at the state level without scientific justification or even the most rudimentary scientific research undertaking. Do the research. HB 253 neither improves upon the federal regulatory process nor contributes to the scientific knowledge upon which it stands.

### **Regarding HB 252 Relating to Pesticides**

I don’t know about you but I read the report of the Joint Fact-Finding (JFF) group and they were lame. The report relied on insinuation to assert, without evidence, a number of fictional public health outcomes. What a fail. No wonder the scientists all bailed on the JFF. I was astonished to find no references to some of the actual scientific analyses upon which I myself have come across in my own research. Perhaps I missed it, but the JFF ignored a Hawaii Tumor Registry report prepared for the Hawaii Department of Health which 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>3</sup> I don’t recall reading in the JFF report the remarkable conclusion repeatedly underscored in the research on Hawaii I have seen that, as I wrote in my first corn seed industry study, “*Urban*—not agricultural—applications are the most likely potential sources of environmental exposure to pesticide residues in the Hawaiian Islands.” In fifty years there has emerged *no* evidence causally linking the seed industry—the only one I personally have studied—to adverse human health effects. Indeed, putting agricultural workers and their families *out* of a job would create a much larger health hazard than anything the JFF found to whine about. I can’t remember a single place in the JFF report where *causality* was statistically or epidemiologically demonstrated running from pesticide use to health or environmental outcomes. All I read in the report was unsubstantiated fear and hysteria. I would be a continuing supporter of efforts by the State of Hawaii to fund

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<sup>3</sup> See for yourselves at <http://eha-web.doh.hawaii.gov/eha-cma/documents/20fb7e6f-de7f-4111-9ff6-ef8d6e547507>.

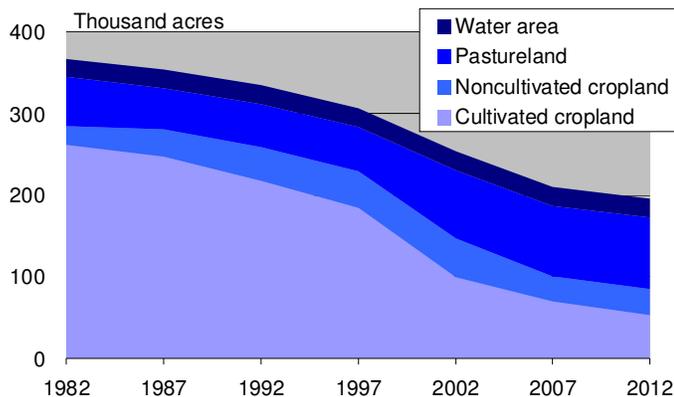
proper epidemiological and environmental study of pesticides as non-point sources of pollution and of potentially adverse human health outcomes, but it doesn't seem like the legislature is talking about that here. At any rate, I wasted too much of my life on the JFF report, and I encourage you to skip it, *ignore it*, and not waste yours.

### Regarding HB 790 – Relating to Environmental Protection

OK now we're just getting redundant but, seriously, agricultural pesticides, that's your whole list? Not pest control exterminators, the people tenting houses? Have you been to the home and garden section of Lowe's or Home Depot, Wal-Mart, Koolau Farmers? You've seen a golf course at a resort area, right? Do you think they just look like that on their own? This bill is not really about environmental protection is it? I mean, just read the first sentence, what a crock. "The legislature finds that the number of large-scale, outdoor commercial agricultural operations in Hawaii has been increasing." OMG on what planet are you living? Correct me if I am wrong, but by my reckoning the amount of acreage in cultivated cropland in Hawaii has decreased, over the last 35 years, from more than 260,000 acres in 1982, when I first started coming back to Hawaii to work, to a little over 50,000 acres in 2012 at the time of the last *Census of Agriculture in Hawaii*, to—by my reckoning following the closure of HC&S on Maui—less than 20,000 acres in 2017, when the next Census enumeration will occur.<sup>4</sup> So, *just for starters*, this bill can't even get the basic premise correct, finding that "the number of large-scale, outdoor commercial agricultural operations in Hawaii has been increasing [*sic*]." WRONG. *How on earth could it*

<sup>4</sup> Here's what I get from the various editions of the *Census of Agriculture* for Hawaii:

	1982	1987	1992	1997	2002	2007	2012
(land cover, thous. acres)							
By area							
Total cropland	284.6	280.3	259.5	229.6	146.4	100.2	85.7
<b>Cultivated Cropland</b>	<b>261.5</b>	<b>247.6</b>	<b>217.6</b>	<b>183.8</b>	<b>99.7</b>	<b>69.1</b>	<b>53.1</b>
Irrigated	153.0	148.4	114.7	76.5	65.9	57.6	46.1
Nonirrigated	108.5	99.2	102.9	107.3	33.8	11.5	7.0
Noncultivated Cropland	23.1	32.7	41.9	45.8	46.7	31.1	32.6
Irrigated	3.3	11.3	25.9	26.1	24.3	9.2	10.1
Nonirrigated	16.5	21.4	16.0	19.7	22.4	21.6	22.2
Total cropland	284.6	280.3	259.5	229.6	146.4	100.2	85.7
Pastureland	59.9	50.6	52.0	53.7	84.1	87.2	87.4
Rangeland	1,078.2	1,064.9	1,074.4	1,070.6	1,101.6	1,075.5	1,069.8
Forest land	1,620.9	1,592.4	1,583.6	1,599.4	1,595.0	1,525.8	1,526.9
Other rural land	482.8	467.0	461.7	499.0	502.3	481.1	477.5
Water area	23.0	23.1	22.9	22.9	23.0	23.1	23.1



*get what follows correct, if quantitatively what it begins talking about is immaterial, not to mention incorrect?*

Clearly, HB 790 is intended to discriminate against a very small group of individual agricultural firms to the complete neglect of *all other restricted pesticide users* in Hawaii. Right off the top you KNOW that the agenda this bill calls for—mandatory reporting by this small group of individual firms—public notification of use, redundant record-keeping (dudes: asked and answered by the federal government), etc. has *little* to do with public health and safety. Even if you were going to fund epidemiological research on this subject, *which this legislation does not propose*, you couldn't possibly interpret its findings in the absence of equally rigorous research on ALL uses of pesticides, restricted and others, but this bill has no intention of actually finding out whether or not pesticide exposure is of any concern. This bill simply *assumes* the result, that a public health risk of exposure *already exists*, and imposes mandatory notification and reporting requirements on a short list of existing users. I concede only that this bill arbitrarily adds “schools, healthcare facilities, childcare and eldercare facilities,” and the impossibly general, “other environmentally sensitive areas,” to the list, but not golf courses, resort areas, pest control practitioners, or the Hawaii Department Health as it pursues the next vector for catastrophic human risks such as the Zika virus or Ebola.

Fund the research, please, but stop jumping the gun on the basis of fictional premises, irrational fears, and fake studies such as the JFF report. This is not the Salem Witch Trials: stop inflaming mass hysteria. What this bill proposes is the equivalent of banning travel to the United States by Iranian cardiologists because some Iranians are Muslim.

### **Regarding HB 1282: Relating to Insecticide and Herbicide Use**

First of all, I don't think I've ever heard of bee Colony Collapse Disorder (CCD) in Hawaii. The guy that came and took out the 15,000 bees living in several combs in my outside tool-chest said it was all mites, not neonicotinoids, killing bees in Hawaii. Besides, wouldn't neonicotinoids kill the mites *and* the bees? I mean, I'm no entomologist, but seriously. Kills bugs, but only your favorite bugs? And, I'm no environmental scientist, but I'm pretty sure that if I can buy glyphosate off the shelf at Wal-Mart, it is far, *far*, from being a restricted use pesticide. What, mosquito punk? Got pyrethroids?<sup>5</sup> Do you, or do you not believe in the expertise of the Environmental Protection Agency and the scientific community at large? *Pay attention*. This bill is just more of that fake JFF stuff.

Here's my other general objection to this pesticide legislative agenda of “shoot the Iraqi first and investigate the terrorist later.” There is no scientific consensus on the contribution of neonicotinoids to the collapse of bee colonies around the world. There *is* scientific consensus on global climate change. There *is* scientific consensus on the safety of genetically-modified organisms. But, there is no scientific consensus on the contribution of neonicotinoids to CCD. Not yet. Maybe never. *So: fund the scientific research*, yo, but stop jumping the gun and irresponsibly banning the very tools that modern agriculture *responsibly* uses to grow crops in the tropics, *where there is no winter kill*. Everything else is growing at least as fast and the

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<sup>5</sup> Like the bug spray commercial, “RAID!!!”

pathogens are evolving at least as fast as the food and other crops that farmers are trying to grow in Hawaii. Stop listening to City Slickers who abused the agricultural condominium property regime to build their house on ag land where they were shocked, *shocked* to find that the farmer next door like raise cows because cows make cow pies. Stop reading Fakebook, show some respect for the scientific methodology, show some support for the Environmental Protection Agency, and show some kokua for your neighbors who are just trying to farm their land, using the best techniques modern agriculture can provide. They are not irresponsible. Today, they are on the verge of feeding the planet and they have never been more productive or had more respect for the aina in the history of the world.

### **Regarding HB 1571: Relating to Environment Protection**

This is more of the same, lame, JFF bogacity. To my previous observations I simply will add: (1) first, if you moved next to the farm that's like moving next to the airport and then complaining about the noise from airplanes taking off, I'm just saying; but (2) second, and more importantly, you would think, after fifty *years* of people living near the seed farms—and most of the farms were there first—you would not have to conduct the epidemiological and environmental research on human health and natural exposures to pesticides because it was obvious. Yet, all the research I've seen says that not only is it not obvious, the putative problem *does not exist*. This is a research program this legislature does *not* propose to fund(!), in which the JFF itself did not engage. From the JFF's wild assertions one would think these communities would be populated with mutant creatures from a Zombie movie, the Living Dead, dragging themselves home from work and school in a toxic cloud. The JFF did NOT find causality remotely approximating this outcome. Indeed, the JFF itself reported finding *absence of causality*. After fifty *years*, there *is* no evidence of causality from seed industry operations to adverse human health effects. This bill's reference to "life-long pesticide exposure [being] linked to long-term health effects, including cancer and other serious diseases, decreased cognitive function, and behavioral problems," is the biggest pile of alternative facts in ALL of the aforementioned bills. By the logic of this bill, the assertion in the *Honolulu Star-Advertiser* that Native Hawaiians have greater cancer risk than non-Hawaiians should lead us to investigate their exposures in fictional hot spots such as West Kauai.<sup>6</sup> Naturally, the legislature is silent on anything requiring this much research and scientific appraisal. Instead, this bill's *presumption* is to blame agricultural industry, rather than to understand the population's risk exposure (or lack thereof). The point is to understand whether, and to what extent, some risks rather than others are responsible, and to legislatively act responsibly, not to validate the unfounded fears of the alt-Pono.

Please, reject all of this legislation and get on with something that actually matters.

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<sup>6</sup> Kristin Consillio, "Hawaiians suffer cancer more than other isle groups," *Honolulu Star-Advertiser* (February 4, 2017) (<http://www.staradvertiser.com/2017/02/04/business/hawaiians-suffer-cancer-more-than-other-isle-groups/>).

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 6:22 PM  
**To:** AGRtestimony  
**Cc:** gpn@greenpointnursery.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Eric Tanouye	HFNA	Oppose	No

Comments:

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Personal Testimony Presented before the  
House Committee on Agriculture and Environmental Protection

Tuesday, February 7, 2017 at 8:30 am

By

Douglas L. Vincent,

**LATE**

HB 1571 Relating to Environmental Protection

Personal Testimony in Opposition to HB 1571

Chairs Creagan and Lee and members of the both committees

My name is Douglas L. Vincent and I am a Professor and Animal Scientist in the College of Tropical Agriculture and Human Resources in the Department of Human Nutrition, Food and Animal Sciences. I am currently a faculty member at the University of Hawaii at Manoa since 1985. My personal testimony does not represent the position of the University of Hawaii or the College of Tropical Agriculture and Human Resources.

I have worked with Hawaii's agricultural communities for over 31 years. I know the importance of advancing Hawaii's agriculture and improving food security. I am opposed to HB 1571 because it is just not necessary. Buffer zones are included in the pesticide label and requiring buffer zones will take land out of production and hurt our small farmers at a time when we need to increase food production not reduce it please defeat this measure.

Thank you for allowing me to testify.

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 7:36 PM  
**To:** AGRtestimony  
**Cc:** wendygibson9@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 8:38 PM  
**To:** AGRtestimony  
**Cc:** Aloha\_fusayo@hotmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**LATE**

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**LATE**

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 8:03 PM  
**To:** AGRtestimony  
**Cc:** bmurphy420@mail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017  
Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Please, ban all GMO's.

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From: Leslie Witten <Lesliewitten2@gmail.com>  
Sent: Monday, February 6, 2017 8:57 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Leslie Witten  
Kupahu street  
Waialua, HI 96791

From: Judith Carroll <Silkangelmaui@hotmail.com>  
Sent: Monday, February 6, 2017 8:43 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Judith Carroll  
711 kumulani dr  
Kihei, HI 96753

From: Michelle Hsia <mhhsia@gmail.com>  
Sent: Monday, February 6, 2017 8:53 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Michelle Hsia  
68-024 Apuhihi Street, #W502  
Waialua, HI 96791

**LATE**

AGRtestimony

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From: David Atcheson <atchesond@gmail.com>  
Sent: Monday, February 6, 2017 8:59 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Dear Chair Creagan, Vice Chair DeCoite, and committee members:

I am for HB 1571 and I hope you will support it too. This is an important and sensible measure to safeguard schoolchildren from pesticides. Early-life pesticide exposure can have grave consequences and buffer zones around schools are clearly warranted. I hope the state will step in to do what counties apparently cannot and require them. The ecological benefits that would accrue with buffer zones are additional reasons to approve this measure.

Thank you for your consideration.

David Atcheson  
1212 Nuuanu Ave, 906  
Honolulu, HI 96817

**LATE**

AGRtestimony

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From: Jessamy Hornor <Jessamyhornor@gmail.com>  
Sent: Monday, February 6, 2017 9:05 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Jessamy Hornor  
1232 Glen Ave  
Berkeley, CA 94708

**LATE**

AGRtestimony

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From: Joshua Uyehara <joshua.uyehara@gmail.com>  
Sent: Monday, February 6, 2017 12:12 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I have not seen any scientific evidence presented in support of HB 1571, and believe that the EPA and Hawaii Department of Agriculture are doing a thorough job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

When developing public policy, we need to rely on science and not alternative facts.

Mahalo

Joshua Uyehara

## AGRtestimony

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From: Nancy Kanna <the.kannas@gmail.com>  
Sent: Monday, February 6, 2017 9:41 AM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

**LATE**

Dear Chairs Creagan and Lee, Vice-Chairs Lowen & DeCoite, and members of the Committee on Energy & Environmental Protection and Committee on Agriculture,

I oppose HB 1571. Despite allegations of agricultural pesticides causing widespread harm in Hawaii, the evidence does not support these allegations or the need for additional requirements as outlined in HB 1571. Recent studies conducted by the Hawaii Department of Agriculture and Department of Health underscore that pesticide use in agriculture is not the cause of incidences related to school evacuations or surface water contamination.

Attempts to go after the large agricultural businesses in the state envelop the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. In addition, the public's knee-jerk reaction to the mere mention of pesticides is alarming; there's a lack of scientific-based knowledge and logical, critical thinking involved. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

Mahalo for the opportunity to testify.

Nancy Kanna

## AGRtestimony

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From: Loretta Mattos <retta.mattos@gmail.com>  
Sent: Monday, February 6, 2017 9:46 AM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

**LATE**

Hello, I oppose HB 1571.

I believe laws such as this one unfairly targets large agricultural operations who are already among the best "neighbors" we have here in Hawaii. On Kauai, these businesses are already doing voluntary disclosure and reporting (as well as voluntary buffer zones around schools and other public areas!!), unlike other larger and more prominent pesticide users in the state. As stated in the Kauai JFF report, the fumigation industry used more pesticides by far than any other entity on Kauai, yet they are being left out of this legislative undertaking!! Home use was cited as the most prevalent in exposure incidents, and yet that continues to go unchecked as well.

Creating laws that target the agricultural industry will only hinder them from doing business here in Hawaii, which will ultimately be detrimental to our communities in the long run.

Loretta Mattos

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 9:24 PM  
**To:** AGRtestimony  
**Cc:** dale@hicattle.org  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Dale Sandlin	Hawaii Cattlemens Council	Oppose	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 9:16 PM  
**To:** AGRtestimony  
**Cc:** redahi@hawaii.rr.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Pesticide, including herbicide usage has been an access issue since their inception. For those of us disabled with MCS it can also be life threatening. There needs to be tighter regulations on these toxic chemicals, and, the sooner the better. Please protect us all.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, February 7, 2017 7:39 AM  
**To:** AGRtestimony  
**Cc:** milholen.jennifer@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*



**HB1571**

Submitted on: 2/7/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, February 7, 2017 4:46 AM  
**To:** AGRtestimony  
**Cc:** clayposner@hotmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*



**HB1571**

Submitted on: 2/7/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, February 7, 2017 12:56 AM  
**To:** AGRtestimony  
**Cc:** rbergstrom@surfrider.org  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**LATE**

**HB1571**

Submitted on: 2/7/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, February 7, 2017 12:17 AM  
**To:** AGRtestimony  
**Cc:** jswanz@hawaii.edu  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**LATE**

**HB1571**

Submitted on: 2/7/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, February 7, 2017 12:03 AM  
**To:** AGRtestimony  
**Cc:** zacharyhitchcock1963@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/7/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: Zachary Hitchcock 1533 Artesian Way Honolulu, HI 96822 In Support of Bill 1571 Dear Committee, I am in support of House Bill1571. This is the third year these types of bills have been proposed. The people of Hawaii have a right to know of any hazards in their environment. Is that too much to ask? These are crops that we are consuming. We should have access to this information. Sincerely, Zachary Hitchcock 808-222-6960

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 11:48 PM  
**To:** AGRtestimony  
**Cc:** aprilHawaii@hawaii.rr.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
A Kathleen Lee	Individual	Support	No

Comments: Aloha Leaders of Hawai'i on the House Committees of Agriculture & Energy and Environmental Protection, 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. Children and faculty in these schools are at heightened risk of exposure to pesticides that drift from these industrial operations. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. House Bill 1571 is our opportunity to change that. If passed, HB 1571 would protect our keiki from the impacts of large-scale agricultural pesticide use by establishing a 5-school pilot program that would encourage the use of native and beneficial plants as buffer zones round schools at risk of unintended pesticide exposure. HB 1571 has been long-fought for by the people and their children it affects. Since Protection is in the name of what you do, this is, as they say, "A Natural". I applaud your wise consciousness in acting for people and the aina and making this happen; FINALLY. Mahalo from all us and especially we who have friends and family on Kaua'i who are affected, April Kathleen Lee A Grateful Constituent

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**LATE**

**HB 1571**

Students need a healthy learning environment to thrive, and HB 1571 will motivate the State to take stronger action to ensure Hawai'i schools are safe, healthy places for children and faculty to learn, work and play. Vegetative buffer zones not only act as wind-break, but they will provide habitats for critical native species and crops, support soil remediation, and create an outdoor learning space to engage the broader community in agriculture and environmental stewardship.

This bill has my strong support.

**LATE**

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 11:21 PM  
**To:** AGRtestimony  
**Cc:** pv.h20king@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/6/2017  
Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Harvy King	Individual	Support	Yes

Comments: Aloha, I am Harvy King. I'm from Guatemala, raised in Michigan, currently living in Kaneohe. I support Bill SB1109 because I feel it is important to put Environmental Stewardship and Human Rights at the top of our list of priorities both as individuals and as a social species. We need more ethical decisions being made. Thank you for your service.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 10:35 PM  
**To:** AGRtestimony  
**Cc:** elia94eb@gmail.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*

**LATE**

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 10:04 PM  
**To:** AGRtestimony  
**Cc:** lucas@kaulana.net  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
C. Kai Lucas	Individual	Support	No

Comments: This is the very least we can do for the children and to begin to restore public confidence in government.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 10:04 PM  
**To:** AGRtestimony  
**Cc:** dylanarm@hawaii.edu  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Dylan P. Armstrong	Individual	Support	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 9:51 PM  
**To:** AGRtestimony  
**Cc:** jennahia@yahoo.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 9:36 PM  
**To:** AGRtestimony  
**Cc:** maefuimaono@yahoo.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Mae Fuimaono	Individual	Support	Yes

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 6, 2017 9:32 PM  
**To:** AGRtestimony  
**Cc:** djmauimama@yahoo.com  
**Subject:** \*Submitted testimony for HB1571 on Feb 7, 2017 08:30AM\*



**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**LATE**

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, February 7, 2017 8:17 AM  
**To:** AGRtestimony  
**Cc:** kurisko808@gmail.com  
**Subject:** Submitted testimony for HB1571 on Feb 7, 2017 08:30AM

**HB1571**

Submitted on: 2/7/2017  
Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments: I whole heartedly support this bill. Pesticides and herbicides can be toxic and deadly. Citizens have an absolute right to be aware of where and when they are sprayed. They should not be sprayed anywhere near children or schools. We need to protect our children.

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**LATE**

AGRtestimony

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From: Tim Sams <ajvegas1@msn.com>  
Sent: Tuesday, February 7, 2017 7:19 AM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Tim Sams

**LATE**

AGRtestimony

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From: Lilinoe Smith <balihai7@hawaii.rr.com>  
Sent: Monday, February 6, 2017 9:34 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Lilinoe Smith  
PO Box 414  
Kalaheo, HI 96741

**LATE**

AGRtestimony

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From: Kyle Barber <kyle.barberino@gmail.com>  
Sent: Tuesday, February 7, 2017 7:18 AM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Kyle Barber

**LATE**

AGRtestimony

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From: Olivia Harkins <Olivia1230@hotmail.com>  
Sent: Monday, February 6, 2017 9:32 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Olivia Harkins  
67304 kukea  
Waialua, HI 96791

**LATE**

AGRtestimony

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From: anne Zellinger <azmole@yahoo.com>  
Sent: Tuesday, February 7, 2017 7:12 AM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

anne Zellinger  
59-187 Ke Nui Road  
Haleiwa, HI 96712

From: Liann Huddy <Inh711@gmail.com>  
Sent: Monday, February 6, 2017 9:27 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Liann Huddy  
5-4344 Kuhio Hwy #1222  
Princeville, HI 96722

**LATE**

AGRtestimony

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From: Amanda Kelly <behaviorbabe@yahoo.com>  
Sent: Tuesday, February 7, 2017 7:02 AM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Amanda Kelly  
61-280 Kamehameha Highway  
Haleiwa, HI 96712

From: Rachael Roehl <rachroehl@gmail.com>  
Sent: Monday, February 6, 2017 9:24 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Rachael Roehl  
Kauhaha st  
Honolulu, HI 96816

**LATE**

AGRtestimony

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From: Ann Lentz <Dalentz0@gmail.com>  
Sent: Tuesday, February 7, 2017 6:29 AM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

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Thank you for your time.

Ann Lentz  
Kanaio-Kalama Park Rd  
Kula, HI 96790

**LATE**

AGRtestimony

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From: Christine Keogh <Cacipolla@hotmail.com>  
Sent: Monday, February 6, 2017 9:17 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Christine Keogh  
1030 aoloa place  
Kailua, HI 96733

**LATE**

AGRtestimony

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From: Wendy Sato <wks808@hotmail.com>  
Sent: Tuesday, February 7, 2017 4:39 AM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Wendy Sato  
2000 S. Betetania St  
Honolulu, HI 96826

**LATE**

AGRtestimony

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From: Leila Bennett <Rlmbennett@gmail.com>  
Sent: Monday, February 6, 2017 8:33 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Leila Bennett  
68-041 waialua beach road  
Waialua, HI 96791

## AGRtestimony

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From: Marina Shimada <marinakshimada@gmail.com>  
Sent: Tuesday, February 7, 2017 4:29 AM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Marina Shimada  
7 Lumahai St  
Honolulu, HI 96825

From: Beth Young <Bethymorris@gmail.com>  
Sent: Monday, February 6, 2017 8:31 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Beth Young  
67336 Kukea circle  
Waialua, HI 96791

**LATE**

AGRtestimony

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From: MARY m <mmulhall@hawaii.rr.com>  
Sent: Monday, February 6, 2017 8:18 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

MARY m  
1210 Crossley Rd.  
Kapaa, HI 96746

**LATE**

AGRtestimony

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From: Jessica White <Jessica@caronb.com>  
Sent: Tuesday, February 7, 2017 12:01 AM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Jessica White  
Po box 89148  
Honolulu, HI 96830

**LATE**

AGRtestimony

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From: Robert Osgood <rvosgood@aol.com>  
Sent: Monday, February 6, 2017 8:11 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Robert Osgood

**LATE**

AGRtestimony

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From: Jacob Holcomb <jake@mailbox.org>  
Sent: Monday, February 6, 2017 11:46 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Jacob Holcomb  
1122a 2nd Ave  
Honolulu, HI 96816

**LATE**

AGRtestimony

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From: Alanna Daley <alannadaley@gmail.com>  
Sent: Monday, February 6, 2017 8:11 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Alanna Daley  
99-446 A. Kekoa Place  
Aiea, HI 96701

**LATE**

AGRtestimony

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From: Matthew Ortiz <matthew.kawika.ortiz@gmail.com>  
Sent: Monday, February 6, 2017 11:00 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Matthew Ortiz  
255 Huali St. #104  
Honolulu, HI 96813

From: Eve Dion <eadh2o@pacbell.net>  
Sent: Monday, February 6, 2017 8:11 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Eve Dion  
PO Box 692  
Anahola, HI 96703

From: Mailyn Rodriguez <maisprl@hotmail.com>  
Sent: Monday, February 6, 2017 10:48 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Mailyn Rodriguez  
Kekaha rd  
Kekaha, HI 96752

**LATE**

AGRtestimony

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From: Adele Sakoda <adele.art@gmail.com>  
Sent: Monday, February 6, 2017 8:07 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Adele Sakoda  
3511 Kepuhi Street  
Honolulu, HI 96815

**LATE**

AGRtestimony

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From: Ryan Oyama <royama@post.harvard.edu>  
Sent: Monday, February 6, 2017 10:43 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Ryan Oyama

**LATE**

AGRtestimony

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From: mailinglist@capitol.hawaii.gov  
Sent: Monday, February 6, 2017 7:57 PM  
To: AGRtestimony  
Cc: kaily429@gmail.com  
Subject: Submitted testimony for HB1571 on Feb 7, 2017 08:30AM  
Attachments: HB1571 testimony (buffer zones).docx

**HB1571**

Submitted on: 2/6/2017

Testimony for AGR/EEP on Feb 7, 2017 08:30AM in Conference Room 325

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

Comments:

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**LATE**

AGRtestimony

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From: Vernon Yoshida <vyoshida1969@gmail.com>  
Sent: Monday, February 6, 2017 10:38 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Vernon Yoshida

**LATE**

AGRtestimony

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From: Stephanie Whaley <Shopskidrow@msn.com>  
Sent: Monday, February 6, 2017 7:44 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Stephanie Whaley  
47-383 Hui Iwa St  
Kaneohe, HI 96745

From: Philipp LaHaela Walter <p.lahaela.walter@posteo.org>  
Sent: Monday, February 6, 2017 10:32 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

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Thank you for your time.

Philipp LaHaela Walter  
579 Lauiki St, Apt D  
Honolulu, HI 96826

**LATE**

AGRtestimony

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From: Stephanie Whaley <Shopskidrow@msn.com>  
Sent: Monday, February 6, 2017 7:44 PM  
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Thank you for your time.

Stephanie Whaley  
47-383 Hui Iwa St  
Kaneohe, HI 96745

**LATE**

AGRtestimony

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From: Gaye Chan <gayechan@gmail.com>  
Sent: Monday, February 6, 2017 10:28 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I urge your strong support of HB 1571. This bill aims to protect Hawaii's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. How is this even possible that the companies are allowed to poison the land and those around it!!

You are the people's representative. You do not represent the multi-national agro-business. Do the right thing!! If not we will remember.

Gaye Chan  
47-021 Lihikai Drive  
Kaneohe, HI 96744

From: ross lucas <rosstamon9@yahoo.com>  
Sent: Monday, February 6, 2017 10:21 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Lucas Ross in Hanalei Chair Creagan, Vice Chair DeCoite and members of the committee, I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571. Thank you.

Aloha,  
Lucas Ross

From: Carol Janezic <cjinhi@yahoo.com>  
Sent: Monday, February 6, 2017 10:16 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, Parkinson's disease, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Carol Janezic  
47-350 Hui Iwa Street, B  
Kaneohe, HI 96744

**LATE**

AGRtestimony

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From: Shelley Boling <Srapaich@hotmail.com>  
Sent: Monday, February 6, 2017 10:16 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children and teachers suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Shelley Boling  
Kuewa Dr  
Waialua, HI 96791



From: Linda Yamamoto <linyam@hawaii.edu>  
Sent: Monday, February 6, 2017 10:03 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Linda Yamamoto  
PO Box 12101  
Honolulu, HI 96828

**LATE**

AGRtestimony

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From: Kimiko LaHaela Walter <klahaela@gmail.com>  
Sent: Monday, February 6, 2017 9:55 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Kimiko LaHaela Walter  
579 Lauiki Street Apt D  
Honolulu, HI 96826

**LATE**

AGRtestimony

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From: Mandy Johnson <Mandyjohnson2@yahoo.com>  
Sent: Monday, February 6, 2017 9:53 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Mandy Johnson  
76-429 kealoha st.  
Kailua-kona, HI 96740

From: Audrey Lee Ren-Willoughby <tuscanylu@hotmail.com>  
Sent: Monday, February 6, 2017 9:53 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

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Thank you for your time.

Audrey Lee Ren-Willoughby  
Kuhio Ave  
Honolulu, HI 96815

From: Aileen Yeh <ayeh@hawaii.rr.com>  
Sent: Monday, February 6, 2017 9:48 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Aileen Yeh

**LATE**

AGRtestimony

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From: Trudy Elkins <trudyelkins@hotmail.com>  
Sent: Monday, February 6, 2017 9:48 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

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Thank you for your time.

Trudy Elkins  
105 Ehiku Loop, H305  
Kehai, HI 96753

From: Audrey Alvarez <audrey262@yahoo.com>  
Sent: Monday, February 6, 2017 9:37 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

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Thank you for your time.

Audrey Alvarez  
2430 Halelaau Place  
Honolulu, HI 96816

**LATE**

AGRtestimony

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From: Adrianna Ortiz <Adriannaortiz@gmail.com>  
Sent: Tuesday, February 7, 2017 7:48 AM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

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Thank you for your time.

Adrianna Ortiz  
3303 Hooper Place  
Honolulu, HI 96818

## AGRtestimony

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**From:** Dr. Gregory Hungerford <doctorforgolf@yahoo.com>  
**Sent:** Monday, February 6, 2017 8:39 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Dr. Gregory Hungerford  
68-085 Waialua Beach Rd  
Waialua, HI 96791

## AGRtestimony

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**From:** Leila Bennett <Rlmbbennett@gmail.com>  
**Sent:** Monday, February 6, 2017 8:33 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Leila Bennett  
68-041 waialua beach road  
Waialua, HI 96791

## AGRtestimony

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**From:** Beth Young <Bethymorris@gmail.com>  
**Sent:** Monday, February 6, 2017 8:31 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Beth Young  
67336 Kukea circle  
Waialua, HI 96791

## AGRtestimony

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**From:** MARY m <mmulhall@hawaii.rr.com>  
**Sent:** Monday, February 6, 2017 8:18 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Thank you for your time.

MARY m  
1210 Crossley Rd.  
Kapaa, HI 96746

## AGRtestimony

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**From:** Robert Osgood <rvosgood@aol.com>  
**Sent:** Monday, February 6, 2017 8:11 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Robert Osgood

## AGRtestimony

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**From:** Bryan Otani <otanib002@hawaii.rr.com>  
**Sent:** Monday, February 6, 2017 8:11 PM  
**To:** AGRtestimony  
**Subject:** otanib002@hawaii.rr.com

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Bryan Otani

## AGRtestimony

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**From:** Alanna Daley <alannadaley@gmail.com>  
**Sent:** Monday, February 6, 2017 8:11 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Alanna Daley  
99-446 A. Kekoa Place  
Aiea, HI 96701

## AGRtestimony

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**From:** Eve Dion <eadh2o@pacbell.net>  
**Sent:** Monday, February 6, 2017 8:11 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

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Thank you for your time.

Eve Dion  
PO Box 692  
Anahola, HI 96703

## AGRtestimony

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**From:** Adele Sakoda <adele.art@gmail.com>  
**Sent:** Monday, February 6, 2017 8:07 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Thank you for your time.

Adele Sakoda  
3511 Kepuhi Street  
Honolulu, HI 96815

## AGRtestimony

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**From:** Linda Manabe <Lindamanabe@yahoo.com>  
**Sent:** Monday, February 6, 2017 8:02 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Linda Manabe

## AGRtestimony

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**From:** james bailey <kinohine@gmail.com>  
**Sent:** Monday, February 6, 2017 7:57 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

james bailey

## AGRtestimony

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**From:** Stephanie Whaley <Shopskidrow@msn.com>  
**Sent:** Monday, February 6, 2017 7:44 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Stephanie Whaley  
47-383 Hui Iwa St  
Kaneohe, HI 96745

## **AGRtestimony**

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**From:** Stephanie Whaley <Shopskidrow@msn.com>  
**Sent:** Monday, February 6, 2017 7:44 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

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Stephanie Whaley  
47-383 Hui Iwa St  
Kaneohe, HI 96745

## AGRtestimony

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**From:** Shyla Moon <shyla.moon@ymail.com>  
**Sent:** Monday, February 6, 2017 7:43 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

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Mahalo

Shyla Moon

## AGRtestimony

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**From:** Shyla Moon <shyla.moon@ymail.com>  
**Sent:** Monday, February 6, 2017 7:43 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

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Mahalo

Shyla Moon

## AGRtestimony

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**From:** Brian Heithaus <bheithaus@gmail.com>  
**Sent:** Monday, February 6, 2017 7:34 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Brian Heithaus  
Woodlawn Terrace Place  
Honolulu, HI 96822

## AGRtestimony

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**From:** Robert Gandia <robert.gandia@outlook.com>  
**Sent:** Monday, February 6, 2017 7:28 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

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Mahalo

Robert Gandia

## **AGRtestimony**

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**From:** Stu Nicholls <snicholls@hawaii.rr.com>  
**Sent:** Monday, February 6, 2017 7:18 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Stu Nicholls

## AGRtestimony

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**From:** Silvia Barber <gianetti.barber@gmail.com>  
**Sent:** Monday, February 6, 2017 7:12 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

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Mahalo

Silvia Barber

## AGRtestimony

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**From:** Michele Oltramari <moltramari@yahoo.com.br>  
**Sent:** Monday, February 6, 2017 7:11 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Michele Oltramari  
2113, Lime st  
Honolulu, HI 96826

## AGRtestimony

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**From:** Cherish Prado-Sherman <cmfprado@gmail.com>  
**Sent:** Monday, February 6, 2017 7:03 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Cherish Prado-Sherman  
1955 Aupuni Street  
Honolulu, HI 96817

## AGRtestimony

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**From:** William Worthington <Billworthington@mac.com>  
**Sent:** Monday, February 6, 2017 6:52 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

William Worthington  
1808 SW Laurel Street  
Portland, OR 97201

## AGRtestimony

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**From:** Tyler Jones <tylercjones@gmail.com>  
**Sent:** Monday, February 6, 2017 6:49 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Tyler Jones

## AGRtestimony

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**From:** peter martin <peter@westmauiland.com>  
**Sent:** Monday, February 6, 2017 6:47 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

peter martin

## AGRtestimony

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**From:** darlene coyle <ahrkip@gmail.com>  
**Sent:** Monday, February 6, 2017 6:26 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

darlene coyle  
box 193  
kasilof, AK 99610

## AGRtestimony

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**From:** Daven Hashimoto <daven.hashimoto@gmail.com>  
**Sent:** Monday, February 6, 2017 5:49 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Daven Hashimoto

## AGRtestimony

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**From:** Tara Gallant <Taragallant12@gmail.com>  
**Sent:** Monday, February 6, 2017 5:20 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Tara Gallant  
344 Anthony Street  
Fall River, MA 02721

## AGRtestimony

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**From:** Cherie Kinchloe <cheriepaddle@gmail.com>  
**Sent:** Monday, February 6, 2017 4:55 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Cherie Kinchloe  
4650 Lae Rd.  
Kalaheo, HI 96741

## AGRtestimony

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**From:** Yaky Rosa <yaky.rosa@dole.com>  
**Sent:** Monday, February 6, 2017 4:39 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Yaky Rosa

## AGRtestimony

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**From:** Rhonda Smith <Rhonda.k.smith@monsanto.com>  
**Sent:** Monday, February 6, 2017 4:33 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Rhonda Smith

## AGRtestimony

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**From:** Melissa Rhoden <lisazinhawaii@gmail.com>  
**Sent:** Monday, February 6, 2017 4:32 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. What the agricultural sector needs is more support, not to be attacked.

Pesticide applicators are trained. Farmers do not randomly mix pesticides and are not applying them with disregard for their community, their customers, or themselves. In fact, if there are any groups that are not well regulated with regard to pesticide use, it would be the home consumer.

Agriculture is already a very regulated sector. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering and the dissemination of "alternative facts" are common tactics now by activists groups to accomplish their agendas. These tactics should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Melissa Rhoden

## AGRtestimony

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**From:** Chelsie Onaga <chelsieonaga@gmail.com>  
**Sent:** Monday, February 6, 2017 4:27 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Chelsie Onaga  
94-1172 Nanilihilihi St.  
Waipahu, HI 96797

## AGRtestimony

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**From:** sylvias-space@att.net  
**Sent:** Monday, February 6, 2017 4:00 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Sylvia Pope-Young, PO Box 88032, Honolulu, HI 96830

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571.

Thank you,  
Sylvia Pope-Young, PO Box 88032, Honolulu, HI 96830

## AGRtestimony

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**From:** Ming-Li Wang <mwang@harc-hspa.com>  
**Sent:** Monday, February 6, 2017 3:52 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Ming-Li Wang

## AGRtestimony

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**From:** Gwen Morinaga-Kama <naonem4812@gmail.com>  
**Sent:** Monday, February 6, 2017 3:52 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Gwen Morinaga-Kama  
33 Puaina Pl  
Makawao, HI 96768

## **AGRtestimony**

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**From:** Joan Lasua <joanlasua@gmail.com>  
**Sent:** Monday, February 6, 2017 3:50 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Joan Lasua

## AGRtestimony

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**From:** Lauren Rolland <lauren@rolland.biz>  
**Sent:** Monday, February 6, 2017 3:50 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Lauren Rolland  
56-362 Peawini Place  
Kahuku, HI 96731

## AGRtestimony

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**From:** Chifumi Nagai <chifumi@hawaii.rr.com>  
**Sent:** Monday, February 6, 2017 3:43 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Chifumi Nagai

## AGRtestimony

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**From:** James McCay <jmccay@hotmail.com>  
**Sent:** Monday, February 6, 2017 3:34 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

James McCay,  
2957 Kalakaua Ave, Honolulu, HI 96815

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am sorry this is a late but not related to its importance! I write urging your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571. I would hope this passes and will be working out why not if it doesn't.

Thank you.

## AGRtestimony

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**From:** Johnathan Kauwenaole <johnathan.opunui.kauwenaole@monsanto.com>  
**Sent:** Monday, February 6, 2017 3:32 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Johnathan Kauwenaole

## AGRtestimony

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**From:** Laura Leger <laura.leger@maine.edu>  
**Sent:** Monday, February 6, 2017 3:33 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Laura Leger  
1638 Alencastre st  
Honolulu, HI 96816

## AGRtestimony

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**From:** Laura Leger <laura.leger@maine.edu>  
**Sent:** Monday, February 6, 2017 3:33 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Laura Leger  
1638 Alencastre st  
Honolulu, HI 96816

## **AGRtestimony**

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**From:** Cliff DeVries <cliff.devries@gmail.com>  
**Sent:** Monday, February 6, 2017 3:28 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

Cliff & Mary DeVries  
2543 Makaulii Place  
Honolulu, HI 96816  
808.838.9127

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

This bill only makes sense with the toxicity of some of the chemicals that Monsanto, Bayer, Dow and other companies are using on their crops. Some of the chemicals used are derivatives of Agent Orange used for defoliation during the Vietnam war. Remains of these chemicals are still causing birth defects in the children of Vietnam, Cambodia, and other countries in the area. Even glyphosate is shown to cause cancer.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Stephanie Whalen <swhalen@harc-hspa.com>  
**Sent:** Monday, February 6, 2017 3:22 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Stephanie Whalen

## AGRtestimony

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**From:** DON GERBIG <DRGMAUI@HAWAII.RR.COM>  
**Sent:** Monday, February 6, 2017 3:20 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

DON GERBIG

## AGRtestimony

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**From:** Jim Jacobs <jamesjeffreyjacobs@gmail.com>  
**Sent:** Monday, February 6, 2017 2:58 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Jim Jacobs

## AGRtestimony

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**From:** David Makaiwi <david.k.makaiwi.iii@monsanto.com>  
**Sent:** Monday, February 6, 2017 2:56 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

David Makaiwi

## AGRtestimony

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**From:** Audwin Calairo <audwin.a.calairo@monsanto.com>  
**Sent:** Monday, February 6, 2017 2:46 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Audwin Calairo

## AGRtestimony

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**From:** Robert Wilcox <bertzz@me.com>  
**Sent:** Monday, February 6, 2017 2:43 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Robert Wilcox  
Napili, Maui

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Blaze Juario <bjsincredibleone@gmail.com>  
**Sent:** Monday, February 6, 2017 2:41 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Blaze Juario

## AGRtestimony

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**From:** Deo Rhoden <deo.rhoden@gmail.com>  
**Sent:** Monday, February 6, 2017 2:28 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Deo Rhoden

## AGRtestimony

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**From:** Mari Ono <mariono@hawaii.edu>  
**Sent:** Monday, February 6, 2017 2:14 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Mari Ono  
2430 Campus Road  
Honolulu, HI 96822

## AGRtestimony

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**From:** Nathaniel Oswald <nloswa@gmail.com>  
**Sent:** Monday, February 6, 2017 2:07 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Nathaniel Oswald

## AGRtestimony

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**From:** Editha Acerador <edithacera2@gmail.com>  
**Sent:** Monday, February 6, 2017 2:07 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Editha Acerador

## AGRtestimony

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**From:** Laurie Ho <laurieho1@hawaiiintel.net>  
**Sent:** Monday, February 6, 2017 2:06 PM  
**To:** AGRtestimony  
**Subject:** laurieho1@hawaiiintel.net

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Laurie Ho

## AGRtestimony

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**From:** Stephen Scott <sjscott560@yahoo.com>  
**Sent:** Monday, February 6, 2017 2:05 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Stephen Scott

## AGRtestimony

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**From:** Danielle Bicoy <mkkdiver@yahoo.com>  
**Sent:** Monday, February 6, 2017 2:03 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Danielle Bicoy

## AGRtestimony

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**From:** Alex Franco <afrancokaupo@gmail.com>  
**Sent:** Monday, February 6, 2017 2:00 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Alex Franco

## AGRtestimony

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**From:** Michael Glidden <glidden@hawaii.edu>  
**Sent:** Monday, February 6, 2017 1:54 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

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Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Michael Glidden

## AGRtestimony

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**From:** Ed Ishida <edandshelly@gmail.com>  
**Sent:** Monday, February 6, 2017 1:53 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Ed Ishida

## AGRtestimony

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**From:** Colette Augustiro <mkkcoco@gmail.com>  
**Sent:** Monday, February 6, 2017 1:37 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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.

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Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Colette Augustiro

## AGRtestimony

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**From:** Piilani Augustiro <bigfellahs@gmail.com>  
**Sent:** Monday, February 6, 2017 1:34 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Piilani Augustiro

## AGRtestimony

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**From:** Cathy Evans <cathyevans2@icloud.com>  
**Sent:** Monday, February 6, 2017 1:35 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Cathy Evans, Koloa

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## **AGRtestimony**

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**From:** Robbie Silva <Robbie.silva@syngenta.com>  
**Sent:** Monday, February 6, 2017 1:33 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Robbie Silva

## AGRtestimony

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**From:** Iris Iwami <irisiwami@yahoo.com>  
**Sent:** Monday, February 6, 2017 1:15 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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.

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Mahalo

Iris Iwami

## AGRtestimony

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**From:** Ernesto Galinato <galieernie@yahoo.com>  
**Sent:** Monday, February 6, 2017 1:12 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

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Mahalo

Ernesto Galinato

## AGRtestimony

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**From:** Luly Unemori <luly.unemori2@hawaiiantel.net>  
**Sent:** Monday, February 6, 2017 1:07 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Luly Unemori

## AGRtestimony

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**From:** Rhonda Stoltzfus <stoltzfus34@yahoo.com>  
**Sent:** Monday, February 6, 2017 12:49 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

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Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Rhonda Stoltzfus

## **AGRtestimony**

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**From:** Raymond Foster <rfoster252@gmail.com>  
**Sent:** Monday, February 6, 2017 1:03 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

As a member of the Hawaii Agricultural community for over 26 years, I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Raymond Foster

## AGRtestimony

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**From:** Jessica Murison <jkmuri@monsanto.com>  
**Sent:** Monday, February 6, 2017 12:44 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Jessica Murison

## **AGRtestimony**

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**From:** Tiffani Hull <yimti@yahoo.com>  
**Sent:** Monday, February 6, 2017 12:45 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Tiffani Hull

## AGRtestimony

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**From:** Gabriela Taylor <gabrielataylor40@gmail.com>  
**Sent:** Monday, February 6, 2017 1:00 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Gabriela Taylor  
[TOWN]

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Gabriela Taylor, Kapaa, Hi 96746

## AGRtestimony

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**From:** Tristan Esmaque <ezzy\_snoop@hotmail.com>  
**Sent:** Monday, February 6, 2017 12:50 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Tristan Esmaque

## AGRtestimony

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**From:** Maria Larriera <alejandrarriera@gmail.com>  
**Sent:** Monday, February 6, 2017 12:51 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Maria Larriera

## AGRtestimony

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**From:** Laurie Yoshida <laurieyoshida@gmail.com>  
**Sent:** Monday, February 6, 2017 12:20 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Laurie Yoshida

## AGRtestimony

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**From:** colleen Wallace <cmauigirl@yahoo.com>  
**Sent:** Monday, February 6, 2017 12:16 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Colleen O'Shea Wallace

Chair Creagan, Vice Chair DeCoite and members of the committee, I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. This is a creative approach to both protecting our keiki and encouraging growth of native flora. For these reasons, I urge you to support HB 1571. Thank you.

Sincerely,

Colleen O'Shea Wallace, MPH, CFLE  
Makawao, Hawaii

## AGRtestimony

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**From:** kevin killermann <kkillermann6@gmail.com>  
**Sent:** Monday, February 6, 2017 12:16 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

kevin killermann

## AGRtestimony

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**From:** Travis Skelton <travisjskelton@gmail.com>  
**Sent:** Monday, February 6, 2017 12:08 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Travis Skelton

## AGRtestimony

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**From:** Adam P Killermann <apkajar@gmail.com>  
**Sent:** Monday, February 6, 2017 12:07 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Adam P Killermann

## AGRtestimony

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**From:** Helena Miguel <helena.k.miguel@monsanto.com>  
**Sent:** Monday, February 6, 2017 12:06 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Helena Miguel

## AGRtestimony

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**From:** Gerardo Rojas <gerardorojasgarcia808@gmail.com>  
**Sent:** Monday, February 6, 2017 12:03 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Gerardo Rojas

## AGRtestimony

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**From:** Makani Christensen <Makani.christensen@gmail.com>  
**Sent:** Monday, February 6, 2017 11:57 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Makani Christensen

## AGRtestimony

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**From:** Walter Parada <wparada@rhomac.com>  
**Sent:** Monday, February 6, 2017 11:49 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Walter Parada

## AGRtestimony

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**From:** Tai-Li Medeiros <tai\_bran@msn.com>  
**Sent:** Monday, February 6, 2017 11:42 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Tai-Li Medeiros

## AGRtestimony

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**From:** Mark Phillipson <reelrelaxed@gmail.com>  
**Sent:** Monday, February 6, 2017 11:42 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Mark Phillipson

## AGRtestimony

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**From:** Seri Niimi-Burch <seri.niimi-burch@foodcorps.org>  
**Sent:** Monday, February 6, 2017 11:43 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Seri Niimi-Burch  
44-2612 Kalopa Mauka Rd.  
Honokaa, HI 96727

## AGRtestimony

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**From:** Harvy King <Pv.h20king@gmail.com>  
**Sent:** Monday, February 6, 2017 11:37 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Harvy King  
P.o. Box 53  
Kailua, HI 96734

## AGRtestimony

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**From:** Kai Pelayo <kaipelayo@gmail.com>  
**Sent:** Monday, February 6, 2017 11:34 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Kai Pelayo

## AGRtestimony

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**From:** Samuel Tong <stong76470@aol.com>  
**Sent:** Monday, February 6, 2017 11:34 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Samuel Tong

## AGRtestimony

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**From:** Beth Tokioka <Bethann@hawaii.rr.com>  
**Sent:** Monday, February 6, 2017 11:29 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Beth Tokioka

## **AGRtestimony**

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**From:** Richard Meiers <richmeiers@gmail.com>  
**Sent:** Monday, February 6, 2017 11:27 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Richard Meiers

## AGRtestimony

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**From:** KÄ“hau Llanos <kumukehau@gmail.com>  
**Sent:** Monday, February 6, 2017 11:25 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo,  
KÄ“hau Llanos

KÄ“hau Llanos

## AGRtestimony

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**From:** Caleb Dohrman <cldohrman@icloud.com>  
**Sent:** Monday, February 6, 2017 11:23 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Caleb Dohrman

## AGRtestimony

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**From:** Janoah Young <kaptainjt@yahoo.com>  
**Sent:** Monday, February 6, 2017 11:22 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Janoah Young

## AGRtestimony

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**From:** Brad Duff <bradbigislanddairy@gmail.com>  
**Sent:** Monday, February 6, 2017 11:21 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Brad Duff

## AGRtestimony

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**From:** Tim Hering <heringtim@aol.com>  
**Sent:** Monday, February 6, 2017 11:18 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Tim Hering

## AGRtestimony

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**From:** Don McDonald <agtech@hawaii.rr.com>  
**Sent:** Monday, February 6, 2017 11:18 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Don McDonald

## AGRtestimony

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**From:** Anita Yokota <anita96795@gmail.com>  
**Sent:** Monday, February 6, 2017 11:19 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: [Anita E. Yokota]  
[Waimanalo]

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Christine Mattos <tinamattos85@gmail.com>  
**Sent:** Monday, February 6, 2017 11:11 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Christine Mattos

## AGRtestimony

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**From:** Antya Miller <millera012@hawaii.rr.com>  
**Sent:** Monday, February 6, 2017 11:08 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a great job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science based facts and not politically motivated ones.

Mahalo

Antya Miller

## AGRtestimony

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**From:** Betsy Neaves <bpneaves@gmail.com>  
**Sent:** Monday, February 6, 2017 11:08 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Betsy Neaves  
Anahola, HI

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## **AGRtestimony**

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**From:** Nickolas Pezel <hokuloap@gmail.com>  
**Sent:** Monday, February 6, 2017 11:00 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Nickolas Pezel

## AGRtestimony

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**From:** John Cross <john@olsontrust.com>  
**Sent:** Monday, February 6, 2017 10:58 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

John Cross

## AGRtestimony

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**From:** Heather Kikkawa <heather.kikkawa@dole.com>  
**Sent:** Monday, February 6, 2017 10:53 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauaiâ€™s large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Heather Kikkawa

## AGRtestimony

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**From:** Ron Kauha'aha'a <aaronk@me.com>  
**Sent:** Monday, February 6, 2017 10:48 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Ron Kauha'aha'a

## AGRtestimony

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**From:** Roy Asao <rasao777@aol.com>  
**Sent:** Monday, February 6, 2017 10:46 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Roy Asao

## AGRtestimony

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**From:** Jennifer Ing <waisue@hawaii.rr.com>  
**Sent:** Monday, February 6, 2017 10:43 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Jennifer Ing

## AGRtestimony

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**From:** Dan Springer <dspringer@macfarms.com>  
**Sent:** Monday, February 6, 2017 10:39 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Dan Springer

## AGRtestimony

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**From:** Natalie Brown <natalie@nataliebrownphotography.com>  
**Sent:** Monday, February 6, 2017 10:35 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

Aloha Chair Creagan, Vice Chair DeCoite and members of the committee,

I am a mother and business owner that lives right on the cane fields in Paia, Maui. I have a 2 year old little boy named Wittaker and a 5 year old daughter named Mia. I find it abhorrent that pesticides and toxic substances are allowed to be sprayed right next to schools and homes. The first job of the government is to keep it's citizens safe. Please do what is right and pass HB 1571. It is the obvious and very needed step to protect our keiki and ourselves.

This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Natalie

808-344-3843

[www.nataliebrownphotography.com](http://www.nataliebrownphotography.com)



## AGRtestimony

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**From:** Joe Para <oahufarming.808@gmail.com>  
**Sent:** Monday, February 6, 2017 10:33 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Joe Para

## **AGRtestimony**

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**From:** Winifred Marcos <w1n1marc@gmail.com>  
**Sent:** Monday, February 6, 2017 10:33 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Winifred Marcos

## **AGRtestimony**

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**From:** John Ryan Gumtang <varsitarian09@yahoo.com.ph>  
**Sent:** Monday, February 6, 2017 10:28 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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.

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Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

John Ryan Gumtang

## AGRtestimony

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**Sent:** Monday, February 6, 2017 10:28 AM  
**To:** AGRtestimony  
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Mahalo

John Ryan Gumtang

## AGRtestimony

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**From:** Larry Keaton <lkeaton@hawaii.rr.com>  
**Sent:** Monday, February 6, 2017 10:18 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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.

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Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you to say no to this proposal.

Mahalo

Larry Keaton

## AGRtestimony

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**From:** Michael Conway <michael.conway@dole.com>  
**Sent:** Monday, February 6, 2017 10:14 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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.

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In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Michael Conway

## AGRtestimony

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**From:** Nathan Braulick <braulick@gmail.com>  
**Sent:** Monday, February 6, 2017 10:07 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Nathan Leo Braulick  
Honolulu

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Dennis Miyamoto <dennmiya@aol.com>  
**Sent:** Monday, February 6, 2017 10:02 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauaiâ€™s large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Dennis Miyamoto

## AGRtestimony

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**From:** Renee Kester <rkester1@gmail.com>  
**Sent:** Monday, February 6, 2017 9:50 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Renee Kester

## AGRtestimony

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**From:** Robin Shimabuku <shimabukur@ctahr.hawaii.edu>  
**Sent:** Monday, February 6, 2017 9:41 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Robin Shimabuku

## AGRtestimony

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**From:** Rob Cross <cross.teamcatalyst@gmail.com>  
**Sent:** Monday, February 6, 2017 9:33 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: [NAME]  
[TOWN]

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Mark Kijima <kgma1956@gmail.com>  
**Sent:** Monday, February 6, 2017 9:07 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo,

Mark Kijima Kula, Hawaii

Mark Kijima

## AGRtestimony

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**From:** mary@mcneillbrush.com  
**Sent:** Monday, February 6, 2017 9:36 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Mary Stancill, Kamuela, Hawaii Island

Chair Creagan, Vice Chair DeCoite and members of the committee:

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571. Thank you.

Aloha and mahalo,  
Mary



Mary Stancill, CEO  
mary@mcneillbrush.com  
mcneillbrush.com  
808.936.3632  
310.922.6543

## AGRtestimony

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**From:** Malia Chun <maliac@hawaii.edu>  
**Sent:** Monday, February 6, 2017 9:07 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Malia Chun  
Kekaha, Kauai

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone

## AGRtestimony

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**From:** Michael girod <girodmichael@msn.com>  
**Sent:** Monday, February 6, 2017 8:34 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Michael girod

## **AGRtestimony**

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**From:** Rodolfo Gumtang jr <deo42@yahoo.com>  
**Sent:** Monday, February 6, 2017 8:33 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Rodolfo Gumtang jr

## AGRtestimony

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**From:** Rodolfo Gumtang jr <deo42@yahoo.com>  
**Sent:** Monday, February 6, 2017 8:32 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Rodolfo Gumtang jr

## AGRtestimony

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**From:** Lisa Kerman <hike2heaven@yahoo.com>  
**Sent:** Monday, February 6, 2017 8:12 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Lisa Kerman

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571.

Thank you,

Lisa Kerman  
P.O. Box 1011  
Kilauea, HI. 96754

## AGRtestimony

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**From:** Matthew Paschoal <clearchoiceinv@gmail.com>  
**Sent:** Monday, February 6, 2017 8:10 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Matthew Paschoal

## AGRtestimony

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**From:** Narcisa Gumtang <irenesgumtang@yahoo.com>  
**Sent:** Monday, February 6, 2017 8:09 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Narcisa Gumtang

## AGRtestimony

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**From:** Derrick Thielk <okekai67@gmail.com>  
**Sent:** Monday, February 6, 2017 8:07 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Derrick Thielk

## AGRtestimony

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**From:** Seena Clowser <zertle13@gmail.com>  
**Sent:** Monday, February 6, 2017 8:06 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Seena Clowser  
Honolulu

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone

## AGRtestimony

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**From:** Andy Oviedo <andymanoviedo007@msn.com>  
**Sent:** Monday, February 6, 2017 8:00 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Andy Oviedo

## AGRtestimony

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**From:** Cheryl Lansker <clansker@msn.com>  
**Sent:** Monday, February 6, 2017 7:53 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Cheryl Lansker, Papaikou, HI

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone

## AGRtestimony

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**From:** Estelita Bolosan <bolosand@yahoo.com>  
**Sent:** Monday, February 6, 2017 7:45 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Estelita Bolosan

## AGRtestimony

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**From:** Bonnie Perreira <blpalh112@gmail.com>  
**Sent:** Monday, February 6, 2017 7:45 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Bonnie lee howard  
Hanamaulu

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone

## AGRtestimony

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**From:** Ryan Melvin <ry-guy@hawaiiintel.net>  
**Sent:** Monday, February 6, 2017 7:39 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Ryan Melvin

## AGRtestimony

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**From:** Cynthia Hathaway <doorways@aloha.net>  
**Sent:** Monday, February 6, 2017 7:40 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Cynthia Hathaway  
Keaau, HI

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** gilbert rigucira <grigucira@yahoo.com>  
**Sent:** Monday, February 6, 2017 7:21 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

gilbert rigucira

## AGRtestimony

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**From:** Princess Ann Sombreto <princessannsombreto@gmail.com>  
**Sent:** Monday, February 6, 2017 7:20 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Princess Ann Sombreto

## AGRtestimony

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**From:** James Gomes <jag@urmaui.com>  
**Sent:** Monday, February 6, 2017 7:19 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

James Gomes

## AGRtestimony

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**From:** Don Henne <hennedon@hotmail.com>  
**Sent:** Monday, February 6, 2017 7:19 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Don Henne

## AGRtestimony

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**From:** john sharrer <jsharrer@gmail.com>  
**Sent:** Monday, February 6, 2017 7:19 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

John Sharrer  
Pahoa,Hi.

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPad

## AGRtestimony

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**From:** Esmenia Sombreto <esmeniasombreto@gmail.com>  
**Sent:** Monday, February 6, 2017 7:15 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Esmenia Sombreto

## AGRtestimony

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**From:** Lolita Gamboa <merlito\_gamboa3505@yahoo.com>  
**Sent:** Monday, February 6, 2017 7:12 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Lolita Gamboa

## AGRtestimony

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**From:** Bonnie Brayton <bbrayton@gmail.com>  
**Sent:** Monday, February 6, 2017 7:06 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Thank you for your time,

Bonnie Brayton

Bonnie Brayton

## **AGRtestimony**

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**From:** Maryanne Texeira <Mauian92@aol.com>  
**Sent:** Monday, February 6, 2017 6:52 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Maryanne Texeira

## AGRtestimony

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**From:** Andrew Arce <akarce@dow.com>  
**Sent:** Monday, February 6, 2017 6:45 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Andrew Arce

## AGRtestimony

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**From:** Michelle Tomas <pelehiika@hawaii.rr.com>  
**Sent:** Monday, February 6, 2017 6:37 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Michelle Tomas  
Kailua Kona

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone

## AGRtestimony

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**From:** Mark Stoutemyer <Mstoutemyer@hotmail.com>  
**Sent:** Monday, February 6, 2017 6:21 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Mark Stoutemyer

## AGRtestimony

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**From:** John Gordines <gordines@kauaiflowers.com>  
**Sent:** Monday, February 6, 2017 6:20 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

John Gordines

## AGRtestimony

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**From:** Sumner Erdman <spe@urmaui.com>  
**Sent:** Monday, February 6, 2017 5:58 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauaiâ€™s large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Sumner Erdman

## AGRtestimony

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**From:** Harry Hashimoto <243hhh@gmail.com>  
**Sent:** Monday, February 6, 2017 5:54 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Harry Hashimoto

## AGRtestimony

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**From:** keith gusman <keonigusman@gmail.com>  
**Sent:** Monday, February 6, 2017 5:41 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

keith gusman

## AGRtestimony

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**From:** Elle Brek <lrbrek@gmail.com>  
**Sent:** Monday, February 6, 2017 5:33 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Laurie Brekke  
Honolulu

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Craig Nihei <cfnihei@aol.com>  
**Sent:** Monday, February 6, 2017 2:38 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Craig Nihei

## AGRtestimony

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**From:** taoleaf <taoleaf@gmail.com>  
**Sent:** Monday, February 6, 2017 2:17 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Evan Webb  
Kilauea, HI 96754

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Govinda Rubin <sugosa@gmail.com>  
**Sent:** Sunday, February 5, 2017 10:31 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME]Govinda Rubin  
[TOWN]Kapaa Kauai

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Cheryl Bellisario <cbellisa@hotmail.com>  
**Sent:** Sunday, February 5, 2017 10:06 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

I personally know the effects that pesticides can have on people from when I worked in Nicaragua at La Isla Foundation. People of all ages were dying from Chronic Kidney Disorder of unknown cause. They all had one thing in common: they worked on sugar cane plantations. Pesticides in addition to the working conditions have been killing off people around the world, we do not need that here. Also, if you get a chance to, please watch the film called "Bananaland" and you will be able to see the damages of pesticides to the people living in the area in which the pesticides are sprayed.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Cheryl Bellisario  
45-137 Kokokahi Place  
Kaneohe, HI 96744

## AGRtestimony

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**From:** Ibbie White <iwhite001@hawaii.rr.com>  
**Sent:** Sunday, February 5, 2017 9:56 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Ibbie Alshmma, Kilauea, Hi

Chair Creagan, Vice Chair DeCoite and members of the committee, I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571. Thank you.

## AGRtestimony

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**From:** Rodolfo Sr.Gumtang <ir.gomez808@gmail.com>  
**Sent:** Sunday, February 5, 2017 9:21 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Rodolfo Sr. Gumtang

## AGRtestimony

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**From:** Jordyn Robinson <08jobrad@gmail.com>  
**Sent:** Sunday, February 5, 2017 8:43 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Jordyn Robinson

## AGRtestimony

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**From:** Kristin Hamada <kristinmiehamada@gmail.com>  
**Sent:** Sunday, February 5, 2017 8:34 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Kristin Hamada  
98-669 Kuini St  
Aiea, HI 96701

## AGRtestimony

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**From:** nix@lifeislight.com  
**Sent:** Sunday, February 5, 2017 8:32 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Dr. John and Debra,  
Chair Creagan, Vice Chair DeCoite and members of the committee,  
We are writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571.

Mahalo,  
Debra and John

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and any attachments from all computers without reading or saving the same in any matter whatsoever.

## AGRtestimony

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**From:** douglas wilmore <wilmore002@hawaii.rr.com>  
**Sent:** Sunday, February 5, 2017 8:18 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Douglas Wilmore, M.D.  
Kilauea Hi

Chair Creagan, Vice Chair DeCoite and members of the committee,

My name is Douglas Wilmore and I am a retired physician living on the island of Kauai. I was a member of the Joint Fact Finding group (JFF) which investigated the relationship between health and the environment and pesticides. .

During my professional academic life I worked for 45 years performing and evaluating laboratory and human scientific data. As such, I was elected to the National Academy of Sciences, Engineering and Medicine.

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and

support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Douglas Wilmore, M.D.

## AGRtestimony

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**From:** Antonio Perez <tlbpickupresearch@gmail.com>  
**Sent:** Sunday, February 5, 2017 8:15 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Antonio Perez

## AGRtestimony

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**From:** Amanda Kilroy <akilroy88@gmail.com>  
**Sent:** Sunday, February 5, 2017 8:10 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Amanda Kilroy  
Kapa'a, HI

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Lorraine Newman <alohalorraine@gmail.com>  
**Sent:** Sunday, February 5, 2017 8:07 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Lorraine Newman  
Kilauea, Kauai

## AGRtestimony

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**From:** Carol Lloyd <carol.lloyd11@gmail.com>  
**Sent:** Sunday, February 5, 2017 8:00 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Carol Lloyd,  
Kalaheo, Kauai

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPad

## AGRtestimony

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**From:** Sarah Thompson <sarahentm@gmail.com>  
**Sent:** Sunday, February 5, 2017 7:58 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Sarah Thompson

## AGRtestimony

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**From:** Lesley Patton <grammawl@gmail.com>  
**Sent:** Sunday, February 5, 2017 7:56 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME]  
[TOWN]

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** bob-marion@hawaiiantel.net  
**Sent:** Sunday, February 5, 2017 7:51 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you,

Robert and Marion McHenry  
3609 Kaweonui Rd  
Princeville, HI 96722

## AGRtestimony

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**From:** Karene Kunimura <kkunimura@hotmail.com>  
**Sent:** Sunday, February 5, 2017 7:45 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Karene Kunimura  
Kalaheo Kauai

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Karene Kunimura

Sent from my iPhone

## AGRtestimony

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**From:** Laila Jayyousi <Kalua1@hotmail.com>  
**Sent:** Sunday, February 5, 2017 7:38 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Laila Jayyousi

## AGRtestimony

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**From:** Tracy Lyman <tracy.lyman@yahoo.com>  
**Sent:** Sunday, February 5, 2017 7:36 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Tracy Lyman  
Kapaa

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.  
Please everything is sacred!!  
Tracy Lyman

Sent from my iPhone

## AGRtestimony

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**From:** Susan Cabral <S.kronecabral@gmail.com>  
**Sent:** Sunday, February 5, 2017 7:02 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Susan Cabral

## AGRtestimony

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**From:** Sarah Styan <sarah.styan@hawaiiantel.net>  
**Sent:** Sunday, February 5, 2017 6:48 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Sarah Styan

## AGRtestimony

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**From:** Randy Cabral <kaiwiki.1970@gmail.com>  
**Sent:** Sunday, February 5, 2017 6:43 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Randy Cabral

## AGRtestimony

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**From:** Andrew Jansen <a.jansen701@gmail.com>  
**Sent:** Sunday, February 5, 2017 5:50 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Andrew Jansen  
4517 Hauaala Rd  
Kapaa, HI 96746

## AGRtestimony

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**From:** Carol Hart <hartshapekauai@gmail.com>  
**Sent:** Sunday, February 5, 2017 5:47 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Carol Hart  
Kekaha, Kaua'i

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPad

## AGRtestimony

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**From:** GLENN HABAN <JEFFREY\_HABAN@YAHOO.COM>  
**Sent:** Sunday, February 5, 2017 5:11 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

GLENN HABAN

## AGRtestimony

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**From:** Jester Divina <jesterdivina@yahoo.com>  
**Sent:** Sunday, February 5, 2017 5:10 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Jester Divina

## AGRtestimony

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**From:** JEFFREY HABAN <JEFFREYHABAN@YAHOO.COM>  
**Sent:** Sunday, February 5, 2017 5:08 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

JEFFREY HABAN

## AGRtestimony

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**From:** jomer blanca <www.jomerblanca@yahoo.com>  
**Sent:** Sunday, February 5, 2017 4:56 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

jomer blanca

## AGRtestimony

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**From:** paradisekauai@yahoo.com  
**Sent:** Sunday, February 5, 2017 4:50 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

FrOm Eileen Conrad  
3470 LawailOa Lane, Koloa, Hawaii 96756

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPad

## AGRtestimony

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**From:** consolacion Blanca <www.consolacion@yahoo.com>  
**Sent:** Sunday, February 5, 2017 4:34 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

consolacion Blanca

## AGRtestimony

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**From:** Mark Tristan Virgino <mcvirg@monsanto.com>  
**Sent:** Sunday, February 5, 2017 3:56 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Mark Tristan Virgino

## AGRtestimony

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**From:** kristina joy santiago <kristinajoycsantiago@monsanto.com>  
**Sent:** Sunday, February 5, 2017 3:03 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

kristina joy santiago

## AGRtestimony

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**From:** Anne Towe Joyer <annetoweyjoyer@gmail.com>  
**Sent:** Sunday, February 5, 2017 2:53 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME]  
[TOWN]

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Michelle Harrington <michelle@emaginewebmarketing.com>  
**Sent:** Sunday, February 5, 2017 2:11 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From:  
Michelle Harrington, Kauai

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Donald Cooke <beenhadagain@hotmail.com>  
**Sent:** Sunday, February 5, 2017 2:03 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Donald Cooke  
47-146 A Pulama Rd  
Kaneohe, HI 96744

## AGRtestimony

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**From:** Donald Cooke <beenhadagain@hotmail.com>  
**Sent:** Sunday, February 5, 2017 2:03 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Donald Cooke  
47-146 A Pulama Rd  
Kaneohe, HI 96744

## AGRtestimony

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**From:** Javier Mendez <mendezj@hawaii.edu>  
**Sent:** Sunday, February 5, 2017 2:00 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Javier Mendez  
1326B Alewa Dr., Hon., HI 96817-1200

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Javier Mendez <mendezj@hawaii.edu>  
**Sent:** Sunday, February 5, 2017 1:59 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Javier Mendez  
1326B Alewa Dr., Hon., HI 96817-1200

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Aurora Belle Esmaquel <applebelle@yahoo.com>  
**Sent:** Sunday, February 5, 2017 1:30 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Aurora Belle Esmaquel

## AGRtestimony

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**From:** Judith Rivera <Judith.rivera@gmail.com>  
**Sent:** Sunday, February 5, 2017 1:11 PM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Judith Rivera

## AGRtestimony

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**From:** Jeff <contact@prayerrockfoundation.org>  
**Sent:** Sunday, February 5, 2017 1:09 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Jeff Munoz  
Kula

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Corine Chang <ipoc.m.chang@hotmail.com>  
**Sent:** Sunday, February 5, 2017 12:45 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Corine M. Chang  
Mountain View, Hawaii 96771

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Arika Murphy <arika.hultquist@gmail.com>  
**Sent:** Sunday, February 5, 2017 12:30 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Arika Rains  
Lahaina, HI.

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Aloha and Mahalo from Arika Rains

## AGRtestimony

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**From:** Ron Kadey <kadey@hawaiiintel.net>  
**Sent:** Sunday, February 5, 2017 12:28 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Ron Kadey  
5345 Luana St  
Kapaa, HI 96746

## AGRtestimony

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**From:** Brandi Wilson <brandiw4444@gmail.com>  
**Sent:** Sunday, February 5, 2017 12:18 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Brandi Wilson  
Kaneohe, HI

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Aloha and Thank you,  
Brandi Wilson

## AGRtestimony

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**From:** Susan and Will <susnwills@yahoo.com>  
**Sent:** Sunday, February 5, 2017 12:00 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Susan Cotter, Kapaa

Dear Chair Creagan, Vice Chair DeCoite and members of the committee,

Do you have children attending school? I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571.

Thank you for your honest representation of my vote. .

Aloha,  
Susan

## AGRtestimony

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**From:** Tlaloc Tokuda <tlalocct@hotmail.com>  
**Sent:** Sunday, February 5, 2017 11:55 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Tlaloc Tokuda, Kailua Kona 96740

Aloha Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Mahalo for the Keikis!  
Thank you.

## AGRtestimony

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**From:** Miles Kauhaahaa <mogzch23@icloud.com>  
**Sent:** Sunday, February 5, 2017 11:42 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Miles kamakahiki kauhaahaa  
From Waiohuli

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone

## AGRtestimony

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**From:** Seri Niimi-Burch <seri.niimi-burch@foodcorps.org>  
**Sent:** Sunday, February 5, 2017 11:39 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use and that the authority to ensure local protection rests with the State. It is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. Our keiki and our resources are our future. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Seri Niimi-Burch  
44-2612 Kalopa Mauka Rd.  
Honokaa, HI 96727

## AGRtestimony

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**From:** L Osterer <losterer@hotmail.com>  
**Sent:** Sunday, February 5, 2017 11:33 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

To: Chair Creagan, Vice Chair DeCoite and members of the committee,  
From: Koloa, Kauai resident and voter.

I urge your strong support of HB 1571. This bill establishes native and regenerative vegetative buffer zones around five schools across the State to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use.

I am extremely troubled by the effects of pesticide application and pesticide drift on all residents' health. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Because of the 9th Circuit Court of Appeals ruling that counties and municipalities do not have the authority to regulate pesticide use, Hawai'i does not have legislation regulating the application of pesticides around schools. It is clear that it is the State's must use its authority to protect our children and our environment from toxic pesticide use. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. What could possibly stop you from supporting this bill?

I urge you to support HB 1571.

Sincerely,  
L. Osterer, Kauai resident and registered voter

## AGRtestimony

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**From:** Marcy Cayton <Marcycayton@rocketmail.com>  
**Sent:** Sunday, February 5, 2017 11:27 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Marcy Cayton  
733 n. Honokala rd  
Haiku, HI 96708

## AGRtestimony

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**From:** George Hoffberg <kauaigeo@gmail.com>  
**Sent:** Sunday, February 5, 2017 11:24 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME]George Hoffberg  
[TOWN]kihei

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Laura Barzilai <arthursnyc@yahoo.com>  
**Sent:** Sunday, February 5, 2017 11:20 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Laura Barzilai  
P.O. Box 16  
Lawai, HI 96765

To: Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Laura Barzilai

Sent from my iPhone

## AGRtestimony

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**From:** Fred Dente <koikoi1@hawaii.rr.com>  
**Sent:** Sunday, February 5, 2017 11:18 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Fred Dente  
Kapa`a

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** MARIO GAGGERO <tanegg@gmail.com>  
**Sent:** Sunday, February 5, 2017 10:59 AM  
**To:** AGRtestimony  
**Subject:** Regarding HB 1571 - Relating to Environmental Protection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

MARIO GAGGERO

## AGRtestimony

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**From:** Monika Mira <lucidhawaii@mac.com>  
**Sent:** Sunday, February 5, 2017 10:58 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [Monika Mira  
[Eleele, HI]

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Monika Mira  
lucidhawaii@mac.com

## AGRtestimony

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**From:** Mrs. Woods <dbwoodsluv@hotmail.com>  
**Sent:** Sunday, February 5, 2017 10:49 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Denise Woods, RN  
Kapa'a

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. There is no reason not to be cautious and protective when it comes to children's health and lives.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Shay Chan Hodges <shay.chanhodges@gmail.com>  
**Sent:** Sunday, February 5, 2017 10:31 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Shay Chan Hodges  
Haiku, Maui

## AGRtestimony

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**From:** Bradford Langtry <bradfordlangtry@gmail.com>  
**Sent:** Sunday, February 5, 2017 10:29 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME]brad Langtry

[TOWN]  
Honolulu

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone

## AGRtestimony

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**From:** Sylvia Cabral <sylviacabralmaui@gmail.com>  
**Sent:** Sunday, February 5, 2017 10:12 AM  
**To:** AGRtestimony  
**Subject:** Buffer zones 2 kihei schools @ homes too close to spray drift

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: syl cabral  
Kihei

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** valerie hafford <hawyncowgrl@gmail.com>  
**Sent:** Sunday, February 5, 2017 10:12 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Valerie Hafford  
Hilo

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Charles Peterson <charleskona1@aol.com>  
**Sent:** Sunday, February 5, 2017 9:44 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Charles  
Pettersen  
Kapaa

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone

## AGRtestimony

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**From:** Tamara Paltin <tampaltin@gmail.com>  
**Sent:** Sunday, February 5, 2017 9:41 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Tamara Paltin

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone

## AGRtestimony

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**From:** MArtina Ter-Akopowa <mta4@mac.com>  
**Sent:** Sunday, February 5, 2017 9:40 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

MArtina Ter-Akopowa  
5020 Brisbane Ave  
Yucca Valley, CA 92284

## AGRtestimony

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**From:** Theresa Casagram <tcasagram@yahoo.com>  
**Sent:** Sunday, February 5, 2017 9:36 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Theresa Casagram, Koloa

Chair Creagan, Vice Chair DeCoite and members of the committee, I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571. Thank you.

## AGRtestimony

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**From:** Theresa Casagram <tcasagram@yahoo.com>  
**Sent:** Sunday, February 5, 2017 9:35 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Theresa Casagram, Koloa

Chair Creagan, Vice Chair DeCoite and members of the committee, I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571. Thank you.

## AGRtestimony

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**From:** James Long <daegnut@gmail.com>  
**Sent:** Sunday, February 5, 2017 9:34 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME]  
[TOWN]

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

Again, I believe all means should be explored and used to protect Hawai'i's children from any and all harm or danger...even and especially from 'unintended' pesticide drift. Anything less is unacceptable and negligent. Also, regulating the application of pesticides around schools should have been law years ago.

For these reasons, I urge you to support HB 1571.

Thank you.

Aloha 'Āina!

## AGRtestimony

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**From:** Margery Freeman <freemanmargery@gmail.com>  
**Sent:** Sunday, February 5, 2017 9:29 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Margery Freeman  
Kapaa, Kauai

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Wicki Van De Veer <wickiart@hotmail.com>  
**Sent:** Sunday, February 5, 2017 9:03 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Catherine Van De Veer, Hanalei

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPad

## AGRtestimony

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**From:** Barclay Hill <bhillmaui@gmail.com>  
**Sent:** Sunday, February 5, 2017 8:59 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Barclay Hill  
From: [NAME]  
[TOWN]Haiku

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Barclay Hill <bhillmaui@gmail.com>  
**Sent:** Sunday, February 5, 2017 8:58 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME]  
[TOWN]

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

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For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Michal Stover <mfsleh@yahoo.com>  
**Sent:** Sunday, February 5, 2017 8:57 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Michal Stover, Kilauea, HI 96754

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Jeanne Dooley <19jeanne48@gmail.com>  
**Sent:** Sunday, February 5, 2017 8:36 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Jeanne Dooley  
Kapaa, HI 96746

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Krista <krista\_c2000@yahoo.com>  
**Sent:** Sunday, February 5, 2017 8:27 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME] [TOWN] Chair Creagan, Vice Chair DeCoite and members of the committee, I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571. Thank you.

## AGRtestimony

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**From:** Ellie Rae <ellierae808@gmail.com>  
**Sent:** Sunday, February 5, 2017 8:31 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Ellie Rae  
Waikapu,Hi

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Peace~Love  
~Aloha~

Ellie Rae

## AGRtestimony

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**From:** J Moss <moss.jade.e@gmail.com>  
**Sent:** Sunday, February 5, 2017 8:21 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Jade Moss  
Kalaheo  
Mother of 2&4 year olds

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Sherry Brown Guillermo <alohasherry@mail.com>  
**Sent:** Sunday, February 5, 2017 8:18 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Sharon Guillermo  
Kailua-Kona, Hi

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Robert Elliot <ihi808re@gmail.com>  
**Sent:** Sunday, February 5, 2017 8:17 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME] Robert Elliott  
[TOWN] Lihue

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Pamela Davis <liberate@hawaii.rr.com>  
**Sent:** Sunday, February 5, 2017 8:02 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Pamela Davis  
Honolulu, HI

Chair Creagan, Vice Chair DeCoite and members of the committee,

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I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

---

**From:** Patricia Hempey <hempey@mac.com>  
**Sent:** Sunday, February 5, 2017 7:51 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Patricia  
Koloa

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my mobile

## AGRtestimony

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**From:** Shannon McHenry <momgonesurfing@yahoo.com>  
**Sent:** Sunday, February 5, 2017 7:40 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Shannon Mchenry  
Lihue

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

With love and light~ Shannon Mchenry

## AGRtestimony

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**From:** S Reha <sreha9999@gmail.com>  
**Sent:** Sunday, February 5, 2017 6:59 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Sandra Reha  
PAhala, HI. (WOod Valley)

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPad

## AGRtestimony

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**From:** Lewis Thompson <steenrod@me.com>  
**Sent:** Sunday, February 5, 2017 6:55 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Lewis Thompson  
Holualoa, HI

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone

## AGRtestimony

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**From:** David O'Quinn <doquinn@mac.com>  
**Sent:** Sunday, February 5, 2017 6:38 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: David O'Quinn  
Kapaa, HI 96746

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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For these reasons, I urge you to support HB 1571.

Thank you.

Kauai Massage & Intuitive Services

## AGRtestimony

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**From:** Greg Gatchell <greggatchell@hotmail.com>  
**Sent:** Sunday, February 5, 2017 6:11 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From:  
Gregory Gatchell  
Aiea  
Oahu  
Hawaii

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone

## AGRtestimony

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**From:** Thomas Travis <ttravis12@me.com>  
**Sent:** Sunday, February 5, 2017 5:56 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Thomas Lee Travis

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Thomas Travis  
930 Tahoe Blvd STE 802/387  
Incline Village, NV 89451  
ttravis12@mac.com  
(757) 639-7364

## AGRtestimony

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**From:** Brooke Prim <nellelwick@yahoo.com>  
**Sent:** Sunday, February 5, 2017 5:45 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Brooke Prim, Tucson, AZ/Glenwood HI

Chair Creagan, Vice Chair DeCoite and members of the committee, I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571. Thank you.

## AGRtestimony

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**From:** Carolina Visser <carolnavisser11@gmail.com>  
**Sent:** Sunday, February 5, 2017 5:39 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAMEcarolina visser moody]  
[TOWNkealakekua]

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPad

## AGRtestimony

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**From:** Joan Heller <myoho@hawaii.rr.com>  
**Sent:** Sunday, February 5, 2017 3:50 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

*From: Joan Heller  
Lawai*

*Chair Creagan, Vice Chair DeCoite and members of the committee,*

*I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.*

*I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.*

*It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.*

*Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals ha*

## AGRtestimony

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**From:** tia pearson <tia.pearson@gmail.com>  
**Sent:** Sunday, February 5, 2017 1:52 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I work at a school and am affected especially when they cut the grass because of release of pesticides or add fertilizer. Other kids get sick as well.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

tia pearson  
po box 861697  
wahiawa, HI 96786

## AGRtestimony

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**From:** Michael Howells <howellsm@me.com>  
**Sent:** Saturday, February 4, 2017 11:44 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Michael Howells in Manoa

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Jo Hay <soundcurrent31@gmail.com>  
**Sent:** Saturday, February 4, 2017 11:12 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Jo Ann Hay  
Princeville

Chair Creagan, Vice Chair DeCoite and members of the committee,

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For these reasons, I urge you to support HB 1571.

Thank you.  
Jo Ann Hay  
PRinceville

## AGRtestimony

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**From:** János Samu <janoss@aol.com>  
**Sent:** Saturday, February 4, 2017 10:58 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: János Samu  
Kalaheo

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571. Thank you.

János Samu  
Senior Language Consultant  
East-West Concepts, Inc.  
PO Box 527  
Kalaheo, HI 96741  
Phone: 808-332-5220 Fax: 808-443-0286  
[www.eastwestconcepts.com](http://www.eastwestconcepts.com)

## AGRtestimony

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**From:** Wendy <wendywailua@gmail.com>  
**Sent:** Saturday, February 4, 2017 10:43 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Wendy Raebeck  
Kapa`a

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

W. Raebeck

## AGRtestimony

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**From:** Alicia Morrier <alemorrier@gmail.com>  
**Sent:** Saturday, February 4, 2017 10:33 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Alicia Morrier  
Kaloko

Chair Creagan, Vice Chair DeCoite and members of the committee,

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I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone

## AGRtestimony

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**From:** Theresa Freund <freundtheresa@gmail.com>  
**Sent:** Saturday, February 4, 2017 10:26 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

My name is Theresa Freund and I live in Nuuanu.

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

Me and my husband just bought a home and we want to raise a family here, but the spraying of pesticides around schools is a serious concern to me and I feel that the state has to step in to protect the health of our children.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Theresa Freund  
2839 Henry St #E  
Honolulu, HI 96817

## AGRtestimony

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**From:** Joel McDonald <timojo99@gmail.com>  
**Sent:** Saturday, February 4, 2017 10:22 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Joel McDonald  
Kapaa

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** timoryk@googlemail.com  
**Sent:** Saturday, February 4, 2017 10:15 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME] timory Mcdonald  
[TOWN]kapaa

Chair Creagan, Vice Chair DeCoite and members of the committee,

Please listen to the numbers of people coming forward to say this in order to protect our children!!

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.  
Timory Mcdonald

Sent from my iPhone

## AGRtestimony

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**From:** Nino White <white\_nino@yahoo.com>  
**Sent:** Saturday, February 4, 2017 10:12 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Nino White  
2839 Henry St #E  
Honolulu, HI 96817

## AGRtestimony

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**From:** Mary L Spadaro <mlspadaro@yahoo.com>  
**Sent:** Saturday, February 4, 2017 10:09 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Mary Spadaro  
Honolulu

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Excuse my iPad, it has its own ideas about spelling!!!!

## AGRtestimony

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**From:** Franz Weber <FWeber@unfi.com>  
**Sent:** Saturday, February 4, 2017 10:07 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Franz Weber  
Kailua-Kona, Hawaii 96740

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals ha

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## AGRtestimony

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**From:** Gregory E. Hungerford DC <doctorforgolf@yahoo.com>  
**Sent:** Saturday, February 4, 2017 9:57 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME] [TOWN] Chair Creagan, Vice Chair DeCoite and members of the committee, I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571. Thank you.

## AGRtestimony

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**From:** Gregory E. Hungerford DC <doctorforgolf@yahoo.com>  
**Sent:** Saturday, February 4, 2017 9:58 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Dr. Gregory Hungerford.

Chair Creagan, Vice Chair DeCoite and members of the committee, I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571. Thank you.

## AGRtestimony

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**From:** William D. Smith <kulalaw@gmail.com>  
**Sent:** Saturday, February 4, 2017 9:59 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Bill Smith, Volcano, HI

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Audrey Allencastre <aallencastre@gmail.com>  
**Sent:** Saturday, February 4, 2017 9:57 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Audrey Allencastre  
Ha'iku, Maui

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Ashley Wilcox <Ashzz@mac.com>  
**Sent:** Saturday, February 4, 2017 9:48 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Ashley Wilcox  
45 Pualu Loop  
Lahaina, HI 96761

## AGRtestimony

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**From:** mdeycaza <mdeycaza@yahoo.com>  
**Sent:** Saturday, February 4, 2017 9:45 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Michael deYcaza  
Honolulu

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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For these reasons, I urge you to support HB 1571.

Thank you.  
Sent from my BLU smartphone device

## AGRtestimony

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**From:** Patricia Blair <patriciablair@msn.com>  
**Sent:** Saturday, February 4, 2017 9:45 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME]Patricia Blair  
[TOWN]Kailua

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPad

## AGRtestimony

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**From:** Gordana Leonard <gordana@hawaiian.net>  
**Sent:** Saturday, February 4, 2017 9:42 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Gordana Leonard  
Kailua Kona

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

Sincerely,

Gordana Leonard

## AGRtestimony

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**From:** Robert Petricci <nimo1767@gmail.com>  
**Sent:** Saturday, February 4, 2017 9:39 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Robert Petricci  
Pohoiki, Hawaii

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** leleua loupe <leleualoupe@hotmail.com>  
**Sent:** Saturday, February 4, 2017 9:39 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: leleua loupe  
Hilo

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Randall Blake <rcblake@me.com>  
**Sent:** Saturday, February 4, 2017 9:37 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME]  
[TOWN]

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

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For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Maria Maitino <mmaitino@gmail.com>  
**Sent:** Saturday, February 4, 2017 9:32 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Maria Maitino  
Kilauea, Kauai

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

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For these reasons, I urge you to support HB 1571.

Thank you.

Maria Maitino

## AGRtestimony

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**From:** John Naylor <jdancer@kula.us>  
**Sent:** Saturday, February 4, 2017 9:09 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

John Naylor  
PO Box 1749 Makawao

Aloha Creagan, Vice Chair DeCoite and members of the committee,

Please protect the Keiki & the rest of us too!

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Laurie Cell <makaneole@yahoo.com>  
**Sent:** Saturday, February 4, 2017 9:09 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Laurie  
[TOWN]

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

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For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Laurie Cell <makaneole@yahoo.com>  
**Sent:** Saturday, February 4, 2017 9:08 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Laurie Makaneole  
Work in Hanapepe also lived there for 25 years and now live in Koloa

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

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For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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**From:** Suzanne Stover <scsaloha@hawaii.rr.com>  
**Sent:** Saturday, February 4, 2017 9:02 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Suzanne Cameron-Stover  
Lihue

Chair Creagan, Vice Chair DeCoite and members of the committee,

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For these reasons, I urge you to support HB 1571.

Thank you.

Rev.Suzanne Cameron-Stover  
*"Knowing that All is working together for Good"*

## AGRtestimony

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**From:** Kater Bourdon <kateralisha@gmail.com>  
**Sent:** Saturday, February 4, 2017 8:59 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From:Kater Hiney  
Kailua Kona

Chair Creagan, Vice Chair DeCoite and members of the committee,

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For these reasons, I urge you to support HB 1571.

Thank you.

Aloha and mahalo  
Kater  
Sent from my iPhone

## AGRtestimony

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**From:** Yvonne Bickerton <yvonnebckrtn@gmail.com>  
**Sent:** Saturday, February 4, 2017 8:57 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Yvonne Bickerton  
Waialua

Chair Creagan, Vice Chair DeCoite and members of the committee,

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For these reasons, I urge you to support HB 1571.

Thank you.

Yvonne

## AGRtestimony

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**From:** michael greene <2mikegreene@gmail.com>  
**Sent:** Saturday, February 4, 2017 8:49 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

michael greene

From: [NAME]

haiku

[TOWN]

Chair Creagan, Vice Chair DeCoite and members of the committee,

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## AGRtestimony

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**From:** Jose J Cstillo <jjcastillo@hawaii.rr.com>  
**Sent:** Saturday, February 4, 2017 8:45 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Jose Castillo  
Kalaheo 96741

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you.

Sent from [BlueMail](#)

## AGRtestimony

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**From:** johnston andrew <droidles@hotmail.com>  
**Sent:** Saturday, February 4, 2017 8:39 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: [NAME]Andrew Johnston  
[TOWN]Kalaheo

Chair Creagan, Vice Chair DeCoite and members of the committee,

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## AGRtestimony

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**From:** Esti Grinpas <esti@bobstropicals.com>  
**Sent:** Saturday, February 4, 2017 8:38 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: esti grinpas  
kapaa

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For these reasons, I urge you to support HB 1571.

Thank you.

Sent from my iPhone..."Everything is as it should be"

## AGRtestimony

---

**From:** Victoria Tewa Holloway <mandalaluna@yahoo.com>  
**Sent:** Saturday, February 4, 2017 8:34 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: Victoria Holloway, Princeville HI 96722:

Chair Creagan, Vice Chair DeCoite and members of the committee,

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For these reasons, I urge you to support HB 1571.

Thank you very much,

Victoria Holloway

## AGRtestimony

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**From:** Claudia Herfurt <claudia@kauaistyle.com>  
**Sent:** Saturday, February 4, 2017 8:34 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Claudia Herfurt  
Hanalei, HI

Chair Creagan, Vice Chair DeCoite and members of the committee,

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For these reasons, I urge you to support HB 1571.

Thank you.  
Claudia Herfurt

## AGRtestimony

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**From:** A. Russell <hulaheart10@gmail.com>  
**Sent:** Saturday, February 4, 2017 8:30 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

From: A. Baker  
Kapa'a

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you.

## AGRtestimony

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**From:** Elif Cuceloglu Beall <elif.beall@gmail.com>  
**Sent:** Saturday, February 4, 2017 8:09 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

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I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you,  
Elif Beall  
Kilauea, HI

## AGRtestimony

---

**From:** Lauren Ampolos <Laurenelaine721@yahoo.com>  
**Sent:** Saturday, February 4, 2017 6:23 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Lauren Ampolos  
111 hekiki st Kailua hi 96734  
Kahului, HI 96732

## AGRtestimony

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**From:** Daldos Carr <daldoscarr@gmail.com>  
**Sent:** Saturday, February 4, 2017 5:45 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Thank you for your time.

Daldos Carr  
67-432 Kioe Street  
Waialua, HI 96791

## AGRtestimony

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**From:** Gretchen Pfeiffer <Glpfeiffer@gmail.com>  
**Sent:** Saturday, February 4, 2017 3:52 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

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Thank you for your time.

Gretchen Pfeiffer  
88-1615 Papio Drive  
Captain Cook, HI 96704

## AGRtestimony

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**From:** Laura Ramirez <Lauraramirez87@hotmail.com>  
**Sent:** Saturday, February 4, 2017 3:24 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Laura Ramirez  
1041 Rose Drive  
Benicia, CA 94510

## AGRtestimony

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**From:** Jonathan Boyne <boyne@hawaii.edu>  
**Sent:** Saturday, February 4, 2017 1:20 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Jonathan Boyne  
Kakela Dr  
Honolulu, HI 96822

## AGRtestimony

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**From:** Brian Emmons <brimohi@msn.com>  
**Sent:** Saturday, February 4, 2017 1:18 PM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Brian Emmons  
1755 Waiola St  
Honolulu, HI 96826

## AGRtestimony

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**From:** Mestisa Gass <pinopwr@hotmail.com>  
**Sent:** Saturday, February 4, 2017 9:27 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

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Thank you for your time.

Mestisa Gass  
4838 west eha way apt b  
Ewa beach, HI 96706

## AGRtestimony

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**From:** Keala Ortiz <kealawaiwai@yahoo.com>  
**Sent:** Saturday, February 4, 2017 8:50 AM  
**To:** AGRtestimony  
**Subject:** In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

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Thank you for your time.

Keala Ortiz  
1128 Clio St  
Kaneohe, HI 96744

## AGRtestimony

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From: Brian Heithaus <bheithaus@gmail.com>  
Sent: Monday, February 6, 2017 7:34 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

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Thank you for your time.

Brian Heithaus  
Woodlawn Terrace Place  
Honolulu, HI 96822

## AGRtestimony

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From: Stephanie Whalen <swhalen@harc-hspa.com>  
Sent: Monday, February 6, 2017 3:22 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Stephanie Whalen

## AGRtestimony

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From: Robert Gandia <robert.gandia@outlook.com>  
Sent: Monday, February 6, 2017 7:28 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Robert Gandia

## AGRtestimony

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From: Jim Jacobs <jamesjeffreyjacobs@gmail.com>  
Sent: Monday, February 6, 2017 2:58 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

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Mahalo

Jim Jacobs

## AGRtestimony

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From: Silvia Barber <gianetti.barber@gmail.com>  
Sent: Monday, February 6, 2017 7:12 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

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Mahalo

Silvia Barber

## AGRtestimony

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From: David Makaiwi <david.k.makaiwi.iii@monsanto.com>  
Sent: Monday, February 6, 2017 2:56 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

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Mahalo

David Makaiwi

## AGRtestimony

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From: Michele Oltramari <moltramari@yahoo.com.br>  
Sent: Monday, February 6, 2017 7:11 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Michele Oltramari  
2113, Lime st  
Honolulu, HI 96826

## AGRtestimony

---

From: David Makaiwi <david.k.makaiwi.iii@monsanto.com>  
Sent: Monday, February 6, 2017 2:56 PM  
To: AGRtestimony  
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Mahalo

David Makaiwi

## AGRtestimony

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From: Cherish Prado-Sherman <cmfprado@gmail.com>  
Sent: Monday, February 6, 2017 7:03 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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Thank you for your time.

Cherish Prado-Sherman  
1955 Aupuni Street  
Honolulu, HI 96817

## AGRtestimony

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From: Audwin Calairo <audwin.a.calairo@monsanto.com>  
Sent: Monday, February 6, 2017 2:46 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Audwin Calairo

## AGRtestimony

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From: William Worthington <Billworthington@mac.com>  
Sent: Monday, February 6, 2017 6:52 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

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I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

William Worthington  
1808 SW Laurel Street  
Portland, OR 97201

## AGRtestimony

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From: Robert Wilcox <bertzz@me.com>  
Sent: Monday, February 6, 2017 2:43 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Robert Wilcox  
Napili, Maui

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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From: Tyler Jones <tylercjones@gmail.com>  
Sent: Monday, February 6, 2017 6:49 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Tyler Jones

## AGRtestimony

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From: Blaze Juario <bjsincredibleone@gmail.com>  
Sent: Monday, February 6, 2017 2:41 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Blaze Juario

## AGRtestimony

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From: peter martin <peter@westmauiland.com>  
Sent: Monday, February 6, 2017 6:47 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

peter martin

## AGRtestimony

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From: Deo Rhoden <deo.rhoden@gmail.com>  
Sent: Monday, February 6, 2017 2:28 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Deo Rhoden

## AGRtestimony

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From: darlene coyle <ahrkip@gmail.com>  
Sent: Monday, February 6, 2017 6:26 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

darlene coyle  
box 193  
kasilof, AK 99610

## AGRtestimony

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From: Mari Ono <mariono@hawaii.edu>  
Sent: Monday, February 6, 2017 2:14 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Mari Ono  
2430 Campus Road  
Honolulu, HI 96822

## AGRtestimony

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From: Daven Hashimoto <daven.hashimoto@gmail.com>  
Sent: Monday, February 6, 2017 5:49 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Daven Hashimoto

## AGRtestimony

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From: Editha Acerador <edithacera2@gmail.com>  
Sent: Monday, February 6, 2017 2:07 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Editha Acerador

## AGRtestimony

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From: Tara Gallant <Taragallant12@gmail.com>  
Sent: Monday, February 6, 2017 5:20 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Tara Gallant  
344 Anthony Street  
Fall River, MA 02721

## AGRtestimony

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From: Laurie Ho <laurieho1@hawaiiantel.net>  
Sent: Monday, February 6, 2017 2:06 PM  
To: AGRtestimony  
Subject: laurieho1@hawaiiantel.net

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Laurie Ho

## AGRtestimony

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From: Cherie Kinchloe <cheriepaddle@gmail.com>  
Sent: Monday, February 6, 2017 4:55 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Cherie Kinchloe  
4650 Lae Rd.  
Kalaheo, HI 96741

## AGRtestimony

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From: Danielle Bicoy <mkkdiver@yahoo.com>  
Sent: Monday, February 6, 2017 2:03 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Danielle Bicoy

## AGRtestimony

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From: Yaky Rosa <yaky.rosa@dole.com>  
Sent: Monday, February 6, 2017 4:39 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Yaky Rosa

## AGRtestimony

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From: Alex Franco <afrancokaupo@gmail.com>  
Sent: Monday, February 6, 2017 2:00 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Alex Franco

## AGRtestimony

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From: Rhonda Smith <Rhonda.k.smith@monsanto.com>  
Sent: Monday, February 6, 2017 4:33 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Rhonda Smith

## AGRtestimony

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From: Michael Glidden <glidden@hawaii.edu>  
Sent: Monday, February 6, 2017 1:54 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauaiâ€™s large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Michael Glidden

## AGRtestimony

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From: Melissa Rhoden <lisazinhawaii@gmail.com>  
Sent: Monday, February 6, 2017 4:32 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. What the agricultural sector needs is more support, not to be attacked.

Pesticide applicators are trained. Farmers do not randomly mix pesticides and are not applying them with disregard for their community, their customers, or themselves. In fact, if there are any groups that are not well regulated with regard to pesticide use, it would be the home consumer.

Agriculture is already a very regulated sector. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering and the dissemination of "alternative facts" are common tactics now by activists groups to accomplish their agendas. These tactics should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Melissa Rhoden

## AGRtestimony

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From: Ed Ishida <edandshelly@gmail.com>  
Sent: Monday, February 6, 2017 1:53 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Ed Ishida

## AGRtestimony

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From: Chelsie Onaga <chelsieonaga@gmail.com>  
Sent: Monday, February 6, 2017 4:27 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Chelsie Onaga  
94-1172 Nanilihilihi St.  
Waipahu, HI 96797

## AGRtestimony

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From: Colette Augustiro <mkkcoco@gmail.com>  
Sent: Monday, February 6, 2017 1:37 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Colette Augustiro

## AGRtestimony

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From: sylvias-space@att.net  
Sent: Monday, February 6, 2017 4:00 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Sylvia Pope-Young, PO Box 88032, Honolulu, HI 96830

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State. I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure. It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma. Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use. Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571.

Thank you,  
Sylvia Pope-Young, PO Box 88032, Honolulu, HI 96830

## AGRtestimony

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From: Piilani Augustiro <bigfellahs@gmail.com>  
Sent: Monday, February 6, 2017 1:34 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Piilani Augustiro

## AGRtestimony

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From: Ming-Li Wang <mwang@harc-hspa.com>  
Sent: Monday, February 6, 2017 3:52 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Ming-Li Wang

## AGRtestimony

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From: Cathy Evans <cathyevans2@icloud.com>  
Sent: Monday, February 6, 2017 1:35 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

From: Cathy Evans, Koloa

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.

## AGRtestimony

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From: Gwen Morinaga-Kama <naonem4812@gmail.com>  
Sent: Monday, February 6, 2017 3:52 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Gwen Morinaga-Kama  
33 Puaina Pl  
Makawao, HI 96768

## AGRtestimony

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From: Joan Lasua <joanlasua@gmail.com>  
Sent: Monday, February 6, 2017 3:50 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I respectfully oppose HB 1571, 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.

In addition, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

HB 1571 will make it more difficult to farm in Hawaii. 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.

Thank you for considering my testimony.

Mahalo

Joan Lasua

## AGRtestimony

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From: Lauren Rolland <lauren@rolland.biz>  
Sent: Monday, February 6, 2017 3:50 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Lauren Rolland  
56-362 Peawini Place  
Kahuku, HI 96731

## AGRtestimony

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From: Chifumi Nagai <chifumi@hawaii.rr.com>  
Sent: Monday, February 6, 2017 3:43 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

Where is the factual data to support the need for pesticide disclosure and public notification requirements as proposed by HB 1571? I haven't seen any scientific evidence presented in support of this need and believe that the EPA and Hawaii Department of Agriculture are doing a phenomenal job in protecting public health and the environment.

In addition to that, large agricultural operations on Kauai have been voluntarily participating in the Good Neighbor Program for the last three years.

I know how easy it is to be swayed by anecdotal stories based on personal accounts rather than facts or research. But, just because someone says something doesn't mean it's true. That's why we need to rely on science and not alternative facts.

Mahalo

Chifumi Nagai

## AGRtestimony

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From: James McCay <jmccay@hotmail.com>  
Sent: Monday, February 6, 2017 3:34 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

James McCay,  
2957 Kalakaua Ave, Honolulu, HI 96815

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am sorry this is a late but not related to its importance! I write urging your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571. I would hope this passes and will be working out why not if it doesn't.

Thank you.

## AGRtestimony

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From: Johnathan Kauwenaole <johnathan.opunui.kauwenaole@monsanto.com>  
Sent: Monday, February 6, 2017 3:32 PM  
To: AGRtestimony  
Subject: Regarding HB 1571 - Relating to Environmental Protection

I strongly oppose HB 1571. There have been numerous attempts to go after the large agricultural businesses in the state and this envelops the entire industry. 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. This is not helpful; considerable effort goes in at the federal level to develop the label to protect the environment and the public. It would help all those to read and understand that process before adding more cumbersome non-science-based restrictions without supporting data.

In addition to this, for the last three years, Kauai's large agricultural operations have already been participating in the voluntary Good Neighbor Program.

Fear-mongering is a common tactic now by activists groups to accomplish their agendas. It should not take over the legislative process. Please read the existing law-the label and understand how these proposals affect all operations and understand the tactics being employed. Thank you for this opportunity to provide input. I respectfully ask you say no to this proposal.

Mahalo

Johnathan Kauwenaole

## AGRtestimony

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From: Laura Leger <laura.leger@maine.edu>  
Sent: Monday, February 6, 2017 3:33 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 being heard by AGR/EEP on 02-02-17 at 8:30 AM

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation. For these reasons, I urge you to support HB 1571 and protect our keiki.

Thank you for your time.

Laura Leger  
1638 Alencastre st  
Honolulu, HI 96816

## AGRtestimony

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From: Cliff DeVries <cliff.devries@gmail.com>  
Sent: Monday, February 6, 2017 3:28 PM  
To: AGRtestimony  
Subject: In Support of HB 1571 - Buffer Zone Pilot Program- AGR/EEP

Cliff & Mary DeVries  
2543 Makaulii Place  
Honolulu, HI 96816  
808.838.9127

Chair Creagan, Vice Chair DeCoite and members of the committee,

I am writing to urge your strong support of HB 1571. This bill aims to protect Hawai'i's children from the impacts of large-scale agricultural pesticide use by establishing a pilot program of native and regenerative vegetative buffer zones around five schools across the State.

I am deeply concerned with the effects of pesticide application and pesticide drift on our keiki health while at school. There are at least 27 schools in Hawai'i within a mile of commercial agricultural operations that apply large volumes of restricted-use pesticides. The American Academy of Pediatrics finds there to be a significantly increased health risk for children exposed to pesticides, and additional precautions must be taken to protect them from unintended exposure.

It is critical that the state take action to reduce childhood pesticide exposure because toxic exposure to pesticides during fetal, neonatal, and infant life can disrupt critical developmental processes. Early life pesticide exposure has been linked to long-term health effects including cancer, decreased cognitive function, behavior problems, birth defects and other adverse birth outcomes, and asthma.

Despite this danger, Hawai'i does not have legislation on the books regulating the application of pesticides around schools. The 9th Circuit Court of Appeals has ruled that under Hawai'i law, counties and municipalities do not have the authority to regulate pesticide use. The authority to ensure local protection rests with the State. It is clear that it is the State's responsibility to step up and protect our keiki and our environment from toxic pesticide use.

This bill only makes sense with the toxicity of some of the chemicals that Monsanto, Bayer, Dow and other companies are using on their crops. Some of the chemicals used are derivatives of Agent Orange used for defoliation during the Vietnam war. Remains of these chemicals are still causing birth defects in the children of Vietnam, Cambodia, and other countries in the area. Even glyphosate is shown to cause cancer.

Our children suffer the most from the lack of sufficient precaution and regulation of pesticide use near schools. In addition to acting as a windbreak, vegetative buffer zones will provide habitats for critical native species and support soil, air, and water remediation.

For these reasons, I urge you to support HB 1571.

Thank you.