

## AGRtestimony

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From: Richard Conrad <rconrad999@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 4:42 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

Richard Conrad  
84-1330 Mauna'olu St  
Waianae, HI 96792

## AGRtestimony

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From: Richard Reed <ricoterrimyrna@gmail.com>  
Sent: Sunday, February 07, 2016 4:31 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Richard Reed  
P O Box 178  
Hakalau, HI 96710

## AGRtestimony

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From: Roy Shitanaka <rts5371@yahoo.com>  
Sent: Saturday, February 06, 2016 12:36 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Roy Shitanaka  
Alawai Rd  
Waimea, HI 96796

## AGRtestimony

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From: Raphiell Nolin <Raphiell@gmail.com>  
Sent: Saturday, February 06, 2016 12:37 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Raphiell Nolin  
PO Box 1216  
Puunene, HI 96784

## AGRtestimony

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From: ron taylor <changeamerica@gmail.com>  
Sent: Saturday, February 06, 2016 10:51 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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ron taylor  
po box 6162  
hilo, HI 96720

## AGRtestimony

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From: Robert Schmidt <mybizmaui@gmail.com>  
Sent: Saturday, February 06, 2016 4:05 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Robert Schmidt  
4485 Kula Hwy  
Kula, HI 96790

## AGRtestimony

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From: Robin Temple <rtemple@hotmail.com>  
Sent: Sunday, February 07, 2016 10:57 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Robin Temple  
HC1 Box 5269  
Keaau, HI 96749

## AGRtestimony

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From: Samantha Sherline <1hulabear@gmail.com>  
Sent: Saturday, February 06, 2016 4:22 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Samantha Sherline  
P.O.Box 521  
Naalehu, HI 96772



## AGRtestimony

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From: Sandra Brooks <aviananw@yahoo.com>  
Sent: Saturday, February 06, 2016 9:57 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Sandra Brooks  
92-1145 Hame St. #101  
Kapolei, HI 96707

## AGRtestimony

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From: sandra lane <sandsmango@yahoo.com>  
Sent: Saturday, February 06, 2016 3:03 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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sandra lane  
15-1489 7th Av  
Keaau, HI 96749

## AGRtestimony

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From: Scott allen <sacredspacela@gmail.com>  
Sent: Monday, February 08, 2016 8:37 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Scott allen  
1231 N June St  
Los Angeles, CA 90038

## AGRtestimony

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From: scott richardson <ohmyheck31@yahoo.com>  
Sent: Saturday, February 06, 2016 5:39 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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scott richardson  
243 Liliuokalani Avenue  
Honolulu, HI 96815

## AGRtestimony

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From: Shannon Rudolph <shannonkona@gmail.com>  
Sent: Monday, February 08, 2016 7:25 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Shannon Rudolph  
P. O. 243  
Holualoa, HI 96725

## AGRtestimony

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From: Sharon Ebbo <madmanfunnies@gmail.com>  
Sent: Monday, February 08, 2016 6:27 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Sharon Ebbo  
4904 162nd Ct NE  
REDMOND, WA 98052

## AGRtestimony

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From: Sheryl Samuel <haysamsongs@gmail.com>  
Sent: Sunday, February 07, 2016 2:31 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Sheryl Samuel  
47-4562 Waipio Rd  
Honokaa, HI 96727

## AGRtestimony

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From: Steve Warner <SWarner412@yahoo.com>  
Sent: Monday, February 08, 2016 4:04 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Steve Warner  
9931 Lurline Ave  
Chatsworth, CA 91311



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From: Susan Sanger <sanger@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 10:38 AM  
To: AGRtestimony  
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Susan Sanger  
226 Kaiolohia Place  
Honolulu, HI 96825

## AGRtestimony

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From: stuart sakoeki <adelove@hawaiiantel.net>  
Sent: Saturday, February 06, 2016 1:14 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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stuart sakoeki  
2608 pauoa rd.  
honolulu, HI 96813

## AGRtestimony

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From: Sandra Fujita <yappygr1@aol.com>  
Sent: Saturday, February 06, 2016 11:34 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Sandra Fujita  
45-318 Mokulele Dr  
Kaneohe, HI 96744

## AGRtestimony

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From: Stephen Jay <MoonbowMaui@yahoo.com>  
Sent: Saturday, February 06, 2016 10:27 AM  
To: AGRtestimony  
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Stephen Jay  
4421 Opana Place  
Haiku, HI 96708

## AGRtestimony

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From: Stathie Prattas <stathie@coastpropertieshawaii.com>  
Sent: Saturday, February 06, 2016 11:50 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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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 2564 and protect our keiki. Thank you for your time.

Stathie Prattas  
POB 1044  
Captain Cook, HI 96704

## AGRtestimony

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From: Stanley Koga <Sk96815@outlook.com>  
Sent: Monday, February 08, 2016 1:05 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Stanley Koga  
2345 Ala Wai Blvd. 1417  
Honolulu, HI 96815

## AGRtestimony

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From: stone willow <roamtheearth@yahoo.com>  
Sent: Saturday, February 06, 2016 4:42 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. This bill aims to protect Hawai'i's keiki from the impacts of large-scale agricultural pesticide use by establishing a pi lot program of native and regenerative vegetative buffer zones around five schools across the State.

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stone willow  
government main road  
honomu, HI 96728

## AGRtestimony

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From: Tanya Aynessazian <taynessazian@gmail.com>  
Sent: Saturday, February 06, 2016 9:13 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Tanya Aynessazian  
PO Box 1860  
Pahoa, HI 96778



## AGRtestimony

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From: Tara Rojas <tararojas55@yahoo.com>  
Sent: Saturday, February 06, 2016 8:55 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Tara Rojas  
2153 Kauhana Street  
Honolulu, HI 96816

## AGRtestimony

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From: Teresa Goliszewska <arle6@hotmail.com>  
Sent: Sunday, February 07, 2016 8:49 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Teresa Goliszewska  
350 Ward St # 106-145  
Honolulu, HI 96814

## AGRtestimony

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From: teri tico <haenagirl@gmail.com>  
Sent: Sunday, February 07, 2016 1:12 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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teri tico  
52 paukaa  
HI, HI 96720

## AGRtestimony

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From: Terry Huth <tl\_huth@yahoo.com>  
Sent: Saturday, February 06, 2016 4:11 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Terry Huth  
2104 Bristol Dr  
Austin, HI 96753

## AGRtestimony

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From: Thomas Davey <doubleohdreadlocks@yahoo.com>  
Sent: Sunday, February 07, 2016 6:55 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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 2564 and protect our keiki. Thank you for your time.

Thomas Davey  
4915 Hauaala Rd  
Kapaa, HI 96746

## AGRtestimony

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From: tia Pearson <tia.pearson@gmail.com>  
Sent: Saturday, February 06, 2016 11:45 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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tia Pearson  
po box 861697  
wahjiawa, HI 96786

## AGRtestimony

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From: Tiana Scott <Tsscott2012@gmail.com>  
Sent: Sunday, February 07, 2016 8:41 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Tiana Scott  
5095 Napilihau St., 109b  
Lahaina, HI 96761

## AGRtestimony

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From: Trina Kalanikau <tlk8@hawaii.edu>  
Sent: Monday, February 08, 2016 9:53 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Trina Kalanikau  
682 Pohala St  
Wailuku, HI 96793



## AGRtestimony

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From: TROY ABRAHAM <tabraham08@gmail.com>  
Sent: Monday, February 08, 2016 10:26 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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TROY ABRAHAM  
485 Waiuanue Ave Apt B114  
Hilo, HI 96720

## AGRtestimony

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From: Tobias Olival <Kopia420@aol.com>  
Sent: Saturday, February 06, 2016 11:14 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Tobias Olival  
Pō box 183  
Honoka'a, HI 96727

## AGRtestimony

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From: Tony Angelini <tangel8282@aol.com>  
Sent: Saturday, February 06, 2016 10:28 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Tony Angelini  
P. O. Box 970  
Hana, HI 96713

## AGRtestimony

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From: Virginia Brandford <gigibrandford@gmail.com>  
Sent: Saturday, February 06, 2016 11:36 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Virginia Brandford  
Po Box 6455  
Ocean View, HI 96737

## AGRtestimony

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From: Wendy Raebeck <wendywailua@gmail.com>  
Sent: Saturday, February 06, 2016 3:04 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Wendy Raebeck  
335 Kamokila Rd.  
Kapaa, HI 96746

## AGRtestimony

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From: WILLIAM MEYERS <wrmeyerscoinc@gmail.com>  
Sent: Sunday, February 07, 2016 11:02 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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WILLIAM MEYERS  
1523 kamehameiki road  
kula, HI 96790

## AGRtestimony

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From: William Navran <willsilver@hawaii.rr.com>  
Sent: Sunday, February 07, 2016 1:31 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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William Navran  
1135 Makawao Ave.  
Makawao, HI 96768

## AGRtestimony

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From: William Russell <jrtfoxie@aol.com>  
Sent: Saturday, February 06, 2016 5:34 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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William Russell  
94-309 Puuwepa Place  
Mililani, HI 96789



## AGRtestimony

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From: Yumiko Bamba <ybamba@earthlink.net>  
Sent: Saturday, February 06, 2016 5:00 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Yumiko Bamba  
PO Box 105  
HAKALAU, HI 96710

## AGRtestimony

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From: Yvonne Bickerton <Vonnyb@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 11:48 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

Yvonne Bickerton  
P.o. box 1040  
Waialua, HI 96791

## AGRtestimony

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From: ynez fernandez <ynez.fernandez@hawaiiantel.net>  
Sent: Saturday, February 06, 2016 12:12 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

ynez fernandez  
493 Pio Drive, 214  
Wailuku, HI 96793



**Hawaii Cattlemen's Council, Inc.**

**HOUSE COMMITTEE ON AGRICULTURE  
REPRESENTATIVE CLIFT TSUJI, CHAIR  
REPRESENTATIVE RICHARD H.K. ONISHI, VICE CHAIR**

**COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION  
REPRESENTATIVE CHRIS LEE, CHAIR  
REPRESENTATIVE NICOLE E. LOWEN, VICE CHAIR**

DATE: Tuesday, February 9, 2016  
TIME: 8:30 AM  
PLACE: Conference Room 325

**HB 2564 - RELATING TO AGRICULTURE.**

Establishes a pilot program that creates a vegetative buffer zone around five selected schools near a commercial agricultural production area.

Chair Tsuji & Vice Chair Onishi, Chair Lee & Vice Chair Lowen, Members of the Respective Committees:

My name is Dale Sandlin, and I am Managing Director of the Hawaii Cattlemen's Council. The Hawaii Cattlemen's Council, Inc. (HCC) is the Statewide umbrella organization comprised of the five county level Cattlemen's Associations. Our 140+ member ranchers represent over 60,000 head of beef cows; more than 75% of all the beef cows in the State. Ranchers are the stewards of approximately 25% of the State's total land mass.

The Hawaii Cattlemen's Council **strongly opposes** HB 2564 as this measure is already covered through federal regulations under the jurisdiction of the Environmental Protection Agency (EPA).

Public safety is the greatest concern in all forms of production agriculture and while we fully support providing for accommodations for this safety, this bill is far overreaching. The EPA regulates the companies that develop and register all pesticides, based on a series of "exposure scenario studies" to determine the chemical's effects on specific settings, including those referenced in this bill.

These scientific studies are designed by the EPA to ensure that protocols regarding the safe use of each tested chemical are developed. If the results of these scientific studies indicate that a buffer zone or restricted use is determined, the EPA requires that the manufacturer include these protocols are included on the product's label. It is the responsibility of the applicator, whether industrial use or home use, to follow these legal guidelines and utilize these as a function of the product's use.



The desired outcome of this bill seeks to duplicate the efforts of the EPA, requiring an undue burden on our state. In addition, there are too many specific items included that have been left blank. Additionally, specific protocols and values for these items will have to be determined, inputted and carried out for thousands of products.

Also, this measure does not mention any household use of chemicals that could be affected by this bill. This creates it's own unique set of challenges as private citizens will be required to follow a law that is clearly leveled at production agriculture. Again, public safety is a chief concern for agriculture, but we believe this bill to be a duplication of existing federal regulations.

We respectfully ask that each committee to oppose HB 2564 and we appreciate the opportunity to testify on this important matter.



**Warren E. Mayberry**  
**Government Affairs Manager**  
**DuPont Pioneer a DuPont Holding**  
**Waiialua Parent Seed, Kunia Research Center,**  
**Waimea Research**  
**PO Box 520**  
**Waiialua, HI 96791**

HB 2564, Relating to Environmental Protection  
Joint Hearing of Agriculture & Energy and Environmental Protection  
Committees  
Tuesday February 9, 2016  
Room 325 at 8:30 a.m.

Position: Opposed

Chair Lee, VC Lowen, and Members of the House Energy & Environmental Protection Committee,

Chair Cliff Tsuji, VC Onishi and Members of the House Committee on Agriculture,

DuPont Pioneer is a seed company with farming operations in three locations in Hawaii. DuPont Pioneer employs approximately 250 people in a wide range of types of jobs on Oahu and Kaua'i. Our farm management practices utilize the application of science and technology, and innovative farming techniques that include the responsible use of pesticides. Farmers understand the importance of good stewardship practices, including judicious use of pesticides and management practices that reduce pests.

We respectfully oppose HB 2564, which creates an arbitrary and unnecessary system of buffer zones throughout the school systems of HI. Furthermore, HB 2564 negatively targets the most highly trained and skilled users of pesticides who adhere to label directives and regulations specific for each product. HB 2564 ignores the substantial data generated and rigorous EPA approval process, before any new pesticide product is allowed for usage.

HB 2564 calls for mandatory buffer zones that could significantly reduce farmable acres in Hawaii. Each EPA registered pesticide product has a specific set of conditions for application, with labels for some products stating required buffer zones. Buffer zones have already been established through science based evaluation, leading EPA to require specific buffer zones for some products, with varying distance based on the type of use. The seed industry

handles pesticides in a manner that is safe and consistent with state and federal requirements.

DuPont Pioneer supports all types of agriculture and we encourage policies that enable farmers to thrive. This bill divides the farming community and narrowly targets a small group of well-trained pesticide users. Expansion of mandatory buffer zones could result in unintended consequences to the typical farms in Hawaii that are often 2 to 5 acres. The potential for extension of this bill to other farms and businesses would negatively affect other entities that use organic and conventional EPA registered products to control weeds, insects, and diseases.

Thank you for the opportunity to provide testimony and register opposition to HB 2564.



**Testimony to the House Committee on Agriculture and Committee on Energy  
& Environmental Protection  
Tuesday, February 9, 2016 at 8:30 A.M.  
Conference Room 325, State Capitol**

**RE: HOUSE BILL 2564 RELATING TO AGRICULTURE**

Chairs Tsuji and Lee, Vice Chairs Onishi and Lowen, and Members of the Committees:

The Chamber of Commerce Hawaii ("The Chamber") **strongly opposes** HB 2564, which establishes a pilot program that creates a vegetative buffer zone around five selected schools near a commercial agricultural production area.

The Chamber is Hawaii's leading statewide business advocacy organization, representing about 1,000 businesses. Approximately 80% of our members are small businesses with less than 20 employees. As the "Voice of Business" in Hawaii, the organization works on behalf of members and the entire business community to improve the state's economic climate and to foster positive action on issues of common concern.

HB 2564 imposes additional burdens on our local farmers that will threaten their financial viability and set back our State goal of self-sufficiency and sustainability, while providing no additional safety for our communities. Furthermore, the bill should not pass this committee because it is based on erroneous premises that will result in unjustifiable, arbitrary, and possibly unconstitutional, new restrictions and requirements for our struggling farming community.

We would also like to point out that the number of large-scale, outdoor commercial agricultural operations in Hawaii is in fact, decreasing, and this bill does not help. Also that farmers use pesticides only when necessary. The application of a pesticide is dependent upon pest and disease outbreaks that cannot be controlled without them, not whether the farm is large or small, biotech, organic, or conventional. Keep in mind that even a small vegetable farm may need to use over the bill's threshold amount of restricted use pesticides during any given year, if a surge in pests that cannot be controlled by any other means would otherwise destroy the crop.

As has been said before, the U.S. EPA strictly regulates all pesticides, especially restricted use pesticides, and does not allow any pesticide to be marketed or used unless it deems that the product can be used safely and without unreasonable adverse effects on the environment. The State's regulating agency, the Department of Agriculture, has staff and procedures to enforce pesticide laws and regulations so that the community is not impacted by improper pesticide use. Pesticide complaints are promptly investigated and evaluated by trained and experienced pesticide experts at the Department. Additionally, the State Department of Health works collaboratively with DOA to follow up on claims of exposure or illness.





# Chamber of Commerce HAWAII

*The Voice of Business*

The DOA analysis of impact to Hawaii schools from pesticides over the last nine years clearly demonstrates that farmers' use of pesticides was not the cause, and more important farmers are not the major users of restricted use pesticides in Hawaii. Lastly, the bill is inequitable because it exempts everyone who applies restricted use pesticides, those who spray indoors and outdoors--- except farmers--- this bill unfairly singles out farmers.

We ask that this bill be deferred. Thank you for the opportunity to testify.

County of Kaua'i  
Office of the County Clerk  
Council Services Division  
4396 Rice Street, Suite 209  
Lihu'e, HI 96766



July 29, 2013

Dear Kaua'i County Councilmembers:

Pesticide drift and subsequent exposure in agricultural communities poses the problem of health harms for residents of those communities. Pesticide drift occurs during or after applications, even with best practices of application in place. Pesticides can also contaminate water, through runoff from the fields, resulting in yet another route of exposure for residents. Children are an especially vulnerable population due to the fact that they are still developing, are less able to detoxify pesticides and experience greater exposures per pound due to higher metabolism and breathing rates. This letter is in regards to the air sampling study "Air sampling and analysis for pesticide residues and odorous chemicals in and around Waimea, Kaua'i" conducted by Qing X. Li, Jun Wang, and Robert Boesch of the University of Hawaii.

This study examined ambient air at Waimea Canyon Middle School (WCMS) and other Kaua'i schools (as reference sites that were expected to be less subject to pesticide drift).

Volatile chemicals in stinkweed were detected by both active and passive air samplers at WCMS and at the reference sites. However, as stinkweed has been found at other sites, the question of what caused the reported adverse health effects at WCMS remains unanswered (i.e., in one event at WCMS, about 60 students complained of symptoms that are similar to pesticide poisoning).

Five pesticides were detected at WCMS in passive air samplers in both indoor and outdoor sites, as well as high volume air samplers. The pesticides detected by the air samplers were: chlorpyrifos, metolachlor, bifenthrin, benzene hexachloride (BHC) and dichlorodiphenyltrichloroethane (DDT). Detections of BHC and DDT occurred at the reference sites as well.

- 1) Detections of the five pesticides were made in all indoor and outdoor samplers at WCMS (passive air sampling) in the following time periods: 9/22/2010 to 1/24/2011; 6/6/2011 to 10/12/2011; and 10/12/2011 to 2/12/2012 (Tables 6, 8, 10 in report).
- 2) Detections of the five pesticides by the high volume air samplers (active sampling) were quantified at WCMS in the time period 2/10/2012 to 2/18/2012 (Table 14, in report).

What do we conclude from the data? The experiment as conducted does not provide an adequate picture of what children at WCMS are regularly exposed to, nor does the study provide adequate information on the levels of pesticides detected. This is due in part to an experimental design that does not fully address the question of overall pesticide exposure, and the methodology used.

The usage of passive air samplers only allows for a qualitative detection, where it can only be concluded from the study data that the samplers detected pesticides in the air over three 4-month periods from 2010 to 2012. The passive air samplers provide a "yes or no" determination, but no conclusions can be made about levels in the air, so it is not known whether any spikes in pesticide drift in the air occurred during these time periods.

## **Advancing Alternatives to Pesticides Worldwide**

**Main Office: 1611 Telegraph Ave, Suite 1200, Oakland, CA 94612 • Ph 510.788.9020**

**Midwest Office: 3438 Snelling Ave, Upper Level, Minneapolis, MN 55406 • [www.panna.org](http://www.panna.org)**

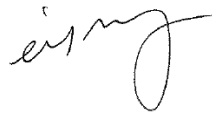
The timing of exposure is also in question, as the study indicates only that pesticides were in the air at some point in time during a 4-month period for each of the three sampling periods.

In the 6-day period where quantitative data were collected in 2012, the samplers detected levels of the five pesticides previously mentioned and found levels below the screening levels as determined by the California Department of Pesticide Regulation and other sources. However, the question of whether or not these screening levels are truly protective should be raised, as reference doses for chemicals can be determined without incorporating actual inhalation data into the risk assessment. Perhaps most importantly, samples taken in one week out of the year do not provide an accurate picture of the exposures that may be happening over the course of the school year.

Further, in the case of chlorpyrifos, which is one of the pesticides detected in the University of Hawaii study, prenatal exposure at low levels has been linked to adverse impacts on neurodevelopment in children in several peer-reviewed studies. Low levels of exposure do not necessarily mean that the children of WCMS are “safe” from impacts of a drift-prone pesticide like chlorpyrifos.

From the results of this study, what we know of pesticides and drift on Kaua’i raises concerns and questions. What we do not know about pesticide drift on Kaua’i should be cause for further study.

Sincerely,

A handwritten signature in cursive script, appearing to read "Emily Marquez".

Emily Marquez, Staff Scientist

A handwritten signature in cursive script, appearing to read "Margaret Reeves".

Margaret Reeves, Senior Scientist

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 08, 2016 8:57 PM  
**To:** AGRtestimony  
**Cc:** swhalen@harc-hspa.com  
**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Stephanie A Whalen	HARC	Oppose	No

Comments: HARC strongly opposes this measure as unnecessary and misguided. EPA establishes buffers on the label for pesticides where their potential toxicity warrants it. The label is the law and is fully enforceable. It is also based on scientific data and not on public persuasion. Buffers proposed in this bill will apply to all farmers: large, medium and small. The vast majority of farms in Hawaii are the 2 to 10 acre size. Arbitrarily set buffers can take a significant portion out of production or subject it to overgrowth by weeds or pests. HDOA's report last year to this body did not support the existence of a problem. So this is a proposed solution without a demonstrated problem. Please do not pass this measure out of committee. It is unnecessarily burdensome. Users know that the label on a pesticide is the law; adding unnecessarily to this will add confusion. Thank you for the opportunity to provide input.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 08, 2016 9:17 PM  
**To:** AGRtestimony  
**Cc:** gottlieb@hawaii.rr.com  
**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 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: The EPA already regulates the use of pesticides, including buffer zones when appropriate. EPA regulations are not based on emotions or conjecture, but years of studies and field trials. Adding double and triple layers of regulations is not the way to support public health or our farmers. Laws like this will be another nail in the coffin of agriculture in Hawaii. Do we want large scale ag in Hawaii as this legislature always says, or do we want to buy all of our food from Mexico and China?

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**DAVID Y. IGE**  
Governor

**SHAN S. TSUTSUI**  
Lt. Governor



State of Hawaii  
**DEPARTMENT OF AGRICULTURE**  
1428 South King Street  
Honolulu, Hawaii 96814-2512  
Phone: (808) 973-9600 FAX: (808) 973-9613

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

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

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

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

February 9, 2016  
8:30 A.M.  
CONFERENCE ROOM 325

**HOUSE BILL NO. 2564  
RELATING TO AGRICULTURE**

Chairpersons Tsuji and Lee and Members of the Committees:

Thank you for the opportunity to testify on House Bill 2564. This bill establishes, by statute, a pilot program requiring vegetative buffer zones around selected schools that are located within an unspecified distance from commercial agricultural production areas that are operated by a commercial agricultural entity that purchases or uses in excess of an unspecified quantity of restricted use pesticides. This bill also specifies the types of plants that must be cultivated within that vegetative buffer zone. The Hawaii Department of Agriculture (HDOA or Department) respectfully opposes this measure.

The protection of school children to pesticide exposure is of equal concern to the Department. The Department, however, does need to point out that pesticides are already highly regulated at both federal and state levels to ensure safety to users, the general public, and the environment.

The Department submits that concerns underlying HB 2564's proposed buffer zone restriction are already addressed by scientific testing required by EPA's pesticide registration process and by the pesticide label restriction that EPA imposes. A pesticide product label lists restrictions on use against applying the pesticide when weather conditions are likely to result in drift to nearby areas or requiring buffer zones from wells and water bodies to protect groundwater and surface water.



The Department conducts inspections to enforce label compliance and violators may be subject to suspension or revocation of an applicator's certification to use restricted use pesticides, if applicable, and to civil penalties.

There are also many issues surrounding the language in this bill. This bill would effectively prohibit use of all outdoor pesticides, including restricted use, general use, minimum risk (FIFRA 25(b) exempt), use under an experimental permit, and organic, within an unspecified distance from the chosen schools. Significant crop loss may result from such restrictions. Any agricultural entity should be provided with tools to address any pest concerns that could result in devastating loss. For example, most farms deal with rodent issues. Prohibition on use of any rodenticide on the outskirts of an agricultural area would be in direct conflict of any effective rodent control strategy.

Secondly, the "single use exemption" is ambiguous. The single use exemption allows use within the buffer zone only if there is an immediate threat to human health and the environment and there is no viable alternative. It is unclear if "single use" is defined as one application or application until the threat is mitigated.

Additionally, there does not appear to be a sunset date or defined timeline for this 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.

Finally, the Department submits that language in this bill seems to target a segment of the farming community. The Department supports all agricultural activity that is being conducted in accordance with federal, state, and county regulations.

Thank you for the opportunity to present testimony.



# We Grow 93% of Hawaii Island Agriculture Crops

~ 625,000 acres of land in production ~ \$194 Million in Revenue ~

TESTIMONY BEFORE THE  
HOUSE COMMITTEE ON AGRICULTURE and  
HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

FEBRUARY 9, 2016

**Founding Association  
Members**

Hawaii Papaya Industry  
Association (HPIA)

Hawaii Cattlemen's Council

Big Island Banana Growers

Hamakua, Hilo & Kohala Farm  
Bureau Counties

Hawaii Floriculture & Nursery  
Association

We strongly oppose HB2564 RELATING TO Vegetative Buffers

Aloha Chair Tsuji, Chair Lee and Joint Committee Members:

My Name is Lorie Farrell, I am the Project Director for Hawaii Farmers and Ranchers United, Mahalo for allowing us to testify on this matter. Farmers are land stewards first. Our children attend local schools, our ohana is important to us and We are members of our communities; We do no harm.

*Vegetative buffers are part of a progressive agricultural Integrated Pest Management (IPM) system that can be beneficial to farmers. **A better use of state resources would be to provide additional education and training to farmers, homeowners and schools on IPM systems.***

**NO FACTS = NO FARMERS = NO FOOD**

## 10 Reasons Why We oppose HB 2564

1. The Bill targets agriculture; **ignoring** NON-AG USERS
2. Appropriately – schools have the responsibility of ensuring the health of students by ensuring pesticides are used appropriately. None of the incidents identified by the HDOA involved farmers, but were the result of improper use by neighbors.
3. Mandating artificial buffers will have substantial costs to growers.
4. Requiring growers to take land out of production will reduce income to growers while increasing costs through planting hedges or trees.
5. Effective buffers are generally considered no less than 30 feet in width often up to 100 feet. This will result in some growers being unable to remain competitive or even farm at certain locations.
6. The bill would prohibit the application of any pesticides on farms surrounding pilot schools. With Hawaii's temperate climate which encourages pest growth, this type of ban would result in dramatic crop losses.
7. It is inappropriate for the state to move forward with a bill where sponsors have not identified the parameters of how schools will be selected, or requirements of buffer sizes.

-- We Feed Hawaii --



8. All pesticide and product use labels already address public and environmental safety through mandated requirements, precautions and setback, all of which are already enforceable by state and federal law. Pesticides undergo years of study and tests based on scientific research to reduce risk and ensure health and safety for everyone and the environment. The average time frame to obtain a pesticide label is 12 years and a cost of \$150 to 250 million dollars; this is due to the strict guidelines required by the EPA.



[Obtain more information on the Process here.](#)

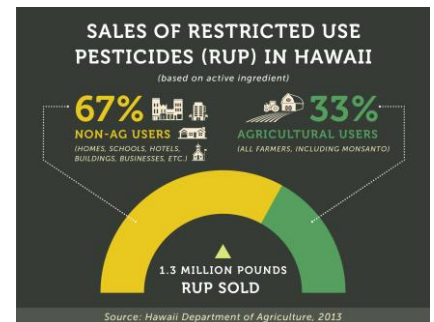
9. Good public policy should be based on facts. To accurately assess the merits of any bill and value to public health and safety, the facts must be taken into consideration. The facts do not support this Bills justification.
10. The EPA has achieved a great deal through the pesticide regulatory system to protect children. However, they realize that we cannot rely on pesticide regulatory protections alone. Regulation by itself is not enough and IPM provides an additional means of protection for the health of our children. They strongly advocate and assist in empowering schools to build and sustain school IPM programs.

[More information from the E.P.A on Integrated Pest Management \(IPM\) in Schools](#)

Since Hawaii's largest seed farm uses less than 1% of the RUP's in Hawaii. Doesn't that beg the question **"Why are they targeting Farmers, and ignoring the schools themselves?"**

**#FactsNotFear**

***A better use of state resources would be to provide education and assist schools on implementing IPM systems.***



We respectfully oppose this measure.

Mahalo,  
Lorie Farrell

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, February 09, 2016 6:35 AM  
**To:** AGRtestimony  
**Cc:** darakawa@lurf.org  
**Subject:** \*Submitted testimony for HB2564 on Feb 9, 2016 08:30AM\*

**HB2564**

Submitted on: 2/9/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
David Z. Arakawa	Land Use Research Foundation of Hawaii	Oppose	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, February 09, 2016 6:53 AM  
**To:** AGRtestimony  
**Cc:** makani.christensen@gmail.com  
**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/9/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
makani	Hunting Farming and Fishing Association	Oppose	Yes

Comments: We are in opposition to HB2564: -This bill will effect both large and small farmers. -There are adequate regulations mandated the use of pesticides. -Mandating artificial buffers will have substantial cost to growers, which will result in the unforeseen loses to business. -The bill would prohibit the application of any pesticides on farms surrounding pilot schools. This will encourage pest growth, this type of ban would result in some growers being unable to remain in business. The HFFA encourages farming and being good stewards of the land. We also encourage legislation that encourages farming. This piece of legislation will do more damage than good.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 08, 2016 3:53 PM  
**To:** AGRtestimony  
**Cc:** info@courtneybruch.com  
**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: Dear Committee members~ On behalf of GMO Free Maui and our 3700+ members we strongly urge you to support this bill. I am writing to urge your strong support of HB 2564. 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. 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 2564 and protect our keiki. Thank you for your time. Courtney Bruch GMO Free Maui, Director

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 08, 2016 7:55 PM  
**To:** AGRtestimony  
**Cc:** jkutzer@hinurse.org  
**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

<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	No

Comments: I am a member of HNA OPEIU local 50. We support this HB 2564. I have been a nurse on Kauai for more than 30 years. An incident from around 20 years ago is forever engraved in my memory. I cared for a group of frightened children after that were exposed to a pesticide sprayed too close to their school. How many times has this happened in our state? How many more times before this practice is ended. As health care professionals, it is essential to know what our patients are exposed to so that we can properly care for them.

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**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: As a farmer myself, I find the proposed amendment by Tsuji to be abhorrent and insulting. We already have a "Right to Farm" bill and farmers with legitimate need may find it useful, but this blatant attempt to subvert home rule and disallow the Counties from protecting their peoples from the recklessness of chemical profiteers who masquerade as "farmers" is sickening and shameful. I go out of my way to minimize the use of biocides on my farm because I recognize that a vibrant, healthy ecosystem is more valuable than the short-term "controls" granted by the heavy-handed application of agricultural chemicals. Counties with the wisdom and courage to seek common-sense limitations to the damages dealt by these monolithic mega-corporations should be treated with respect, rather than subjected to these craven attempts to undermine their rights to protect their own citizens.

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Opposition to HB 2564

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing more unfounded burden on Hawaii farmers and agriculture.

I find it ironic that the bill claims large scale agriculture is growing when Maui HCS just announced it is closing this year.

As a professional landscaper, I am appalled at the lack of training that most of the industry and all homeowners have regarding chemical application and use. No wonder Hawaii's greatest source of pollution is "nonpoint source".

Please stop introducing bills that vilify our struggling agriculture industry and redirect efforts toward better education and training of the general public.

Please stop blaming easy targets like farmers, and start practicing fact based decision making.

Mahalo,

Matt Lyum, Certified Landscape Professional

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**To:** AGRtestimony  
**Cc:** amrotholz@gmail.com  
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**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: Please do not allow any amendments to this bill which will weaken counties' ability to regulate farming activities. Pesticides, their drift, and their ill effects are something we should all protect our land, and especially our children from! Corporate agro-chemical money is of no value to us if our land and water is destroyed. Please create policy with the long-term health of our communities in mind.

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**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: TESTIMONY IN SUPPORT OF HB2564 I am writing to urge you to support HB 2564. The bill was written to protect Hawai'i's school children from exposure to agricultural pesticides by establishing a pilot program to install plant buffer zones around five schools in the State. We should all be in support of protecting children from any pesticide drift during the school day. This bill is a positive way to mitigate any effects that pesticide application close to schools might cause. According to the American Academy of Pediatrics exposing children to pesticides, especially restricted use products, can significantly increase health risks for these kids. Early life pesticide exposure has been linked to health problems including cancer, cognitive dis-function, behavior issues and many others. The buffer zones would help reduce the risk of exposure to school children. In addition to acting as a windbreak, the plants in them would provide native species habitats and support soil, air, and water remediation. For these reasons, I urge you to support HB 2564. Thanks for considering my testimony in support of this bill. Sincerely, Diana Duff

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**To:** AGRtestimony  
**Cc:** panther\_dave@yahoo.com  
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**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 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: Buffer zones are useless when spraying something that can be carried by the wind for tens of miles. Other than banning the spraying, which would be preferred, weather stations measuring wind velocity and direction should be positioned to inform the population of the danger and immediately shut down sprayops. Out troops were told agent orange only killed plants, but when it comes to non plant life, it just takes longer. It's a slow death. They say it's safe to drink, because it won't kill you right there, but you'd have to be pretty stupid to drink it! Set up a 5 mile buffer zone, no less will do for a non windy day. They'll scream bloody murder.

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**To:** AGRtestimony  
**Cc:** andrea@malamakauai.org  
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**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: This is to clarify previous testimony in support of the intention of HB2564. I strongly SUPPORT mandatory pesticide buffer zones around schools, and a pilot program for regenerative vegetation. I strongly OPPOSE insertion of any language that strips counties' regulatory rights, including (misleadingly named) "right to farm" and other anti-democratic, anti- public safety measures. These are clearly written by and for the agrochemical industry in Hawaii, and not in the best interest of supporting a lasting, more equitable and sustainable local food production system in Hawaii. Government should always aim for higher, not lower, standards of health and environmental protection. Mahalo

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**Cc:** sylviacabralmaui@gmail.com  
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**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: This bill should require buffer zones around all schools, playgrounds, public zones. Proven cancer studies from glyfsaides, roundup, etc. Monsanto must be removed from Kihei Maui. It sprays roundup daily, everyday, and the drift from the tradewinds is swallowed by our keiki during playtime, sports events. This picture is from Keokea Maui playground.

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**HB2564**

Submitted on: 2/9/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Elaine Nakayama	Individual	Oppose	No

Comments:

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**HB2564**

Submitted on: 2/9/2016

Testimony for AGR/EEP on Feb 9, 2016 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: Please SUPPORT HB2564 that has five schools with pilot projects around schools planted with vegetative buffer zones near a commercial agriculture production area IN ITS PRESENT FORM! This pilot program is a win-win for both commercial agriculture and communities IN ITS PRESENT FORM, because it allows an experiment to see if there are significant methods to mitigate the risk of having schools in the near vicinity to the high impact farms that use restricted pesticides. Maybe it will help and that will be good for everyone allowing us a stronger method of protection while these companies can develop healthier methods of farming. Please do not allow this important piece of legislation to be morphed into another RIGHT TO FARM bill whose core purpose is to restrict counties from protecting themselves against the actions of the big agriculture companies. The counties do not trust the state for good reason. Oahu has shown a consistent willingness to exploit the neighbor islands (and rural Oahu) in business agreements at the expense of the will of the people. One of my roles is being a public affairs programmer for Kauai Community Radio holding a two hour talk-radio program during drive time. We can function as a voice of the concerned resident of Kauai. There is consistent anxiety over the farm chemicals and reckless use of Round-up by any user expressed on a routine basis. Even in the past month after the Chlorpyrifos incident at one of our large farms, young, local parents from Hanapepe Heights contacted me with a film they watched as a group on that specific neurotoxin. They feel their young teens are coming home occasionally with the symptoms of this pesticide exposure. That fear has been amplified since the more recent French report on pesticides was published that showed 35 pesticides in the hair samples of two Kekaha teens including Chlorpyrifos. These parents are scrambling to figure out how to pull their children from school and home school them. This is a significant lifestyle change motivated by clear fears with recent, local confirmation of pesticide exposure. These are known chemicals being used in proximities to their schools that cause average lowering of IQ by 7 points as well as cancer potential, etc. Chlorpyrifos was one of the identified chemicals found in the ambient air of Waimea Canyon Middle School a few years back. Atrazine was found in the drinking water at the school in that same window of time when a number of children went to the hospital. The incident was brazenly "explained" to the community as stinkweed poisoning based on a study

conducted on Maui two years later, which no one believed. That is the level of protection we expect from the state, based on experience. While we see that chemical agriculture did the right thing last month by bringing their 10 employees to the hospital for observation simply as a result of the risk of exposure, parents have no way to know when to do this. Plus this low-level exposure is an on-going risk. HAVING A BIO-REMEDIANING PLANT BARRIER is one layer of valuable protection. Please allow the pilot project to proceed without manipulating its positive intention of this bill to become a vehicle to insulate the responsible companies from the concerned communities. I personally have a trust issue with Clift Tsuji's committee, because I spent \$400+ to come and testify last year. I saw more than 50 people who had journeyed to support that disclosure/buffer zone bill to protect the people. Not everyone was allowed to testify. No discussion occurred after the testimonies. The decision had clearly been made prior to the hearing to not allow the disclosure bill to proceed regardless of anyone's information they had to share. Clift Tsuji has repeatedly demonstrated his bias to protect an industry that is known to cause harm in the communities. He is not showing any inclination to place restrictions on their ability to utilize chemicals that unequivocally cause direct harm to the schools. I appreciated that Rep. Tsuji was clearly focused and listening to the testimonies, but he ended without any remorse of denying the the pleas for protection. This statement is not meant in disrespect to him, but shared in raw honest concern for the integrity of the public process. Please support the efforts of communities to protect themselves against the pesticides rather than manipulating this well-intended bill to insulate the users of the pesticides from then needs of the families at the schools. Felicia Cowden Kilauea, Kauai Hawaii Farmers Union United member KKCR public affairs programmer

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**HB2564**

Submitted on: 2/9/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Gregory Friel	Individual	Oppose	No

Comments:

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## **Testimony for HB 2564**

Feb. 8, 2016

My testimony supports HB 2564.

As a private citizen with years of physics teaching experience and a commitment to having science help our society, I put my money where my mouth is. I donate monthly to the Union of Concerned Scientists (UCS), a non profit organization founded in 1969 directed at solving pressing environmental and social problems.

After reading articles about our food production and companies developing herbicides and pesticides, I realize we need to be more informed about all these issues. Just as viruses and bacteria making human sick develop resistance to antibiotics developed to kill them, “superweeds” have developed resistance to herbicides used to kill them. Thus, the chemical companies are battling the “superweeds”. (1) Unlike biomedical research confined to a laboratory, herbicide/pesticide research requires crop spraying of chemicals that pollute the air. If I am forced to breathe this air, I need to know the type of chemicals I am inhaling, should I end up with a medical condition. This is data my doctor will use for his diagnosis.

One such chemical is glyphosate, main ingredient in Roundup from Monsanto. Monsanto claims it is safe for humans, despite numerous research to the contrary. In a 2009 Scientific American article, researchers state that inert ingredients in Roundup also harm humans. (2) In 2015, the EPA rescinded its 2014 approval of Enlist Duo, a combination of glyphosate and 2,4D. This action only resulted with litigation from six nonprofit organizations. Enlist Duo is a product of Dow Agrosience. (3) These companies currently do research in Hawaii.

With research about harmful effects of chemicals found in herbicides and pesticides, how can we allow chemical companies to continue to spray experimental crops in Hawaii and NOT require them to inform the public about the chemicals being used? Monsanto may be voluntarily making disclosures to those on Kauai, but does it list every chemical?

Studies are always based upon data and knowing what specific chemicals are being sprayed allows data to be collected. Scientists not employed by these chemical companies should be allowed to conduct research to validate their results.

In conclusion, we need to look for alternative solutions for more sustainable agriculture by supporting our smaller local farmers.

Please pass HB 2564 as a first step to protect the health of Hawaii’s people.

Attached are references to the articles I have used for this testimony that give more details on this issue.

### **1. Union of Concerned Scientists**

#### **Eight Ways Monsanto Fails at Sustainable Agriculture**

[http://www.ucsusa.org/food\\_and\\_agriculture/our-failing-food-system/genetic-engineering/eight-ways-monsanto-fails.html#.VrcEjGQrIv4](http://www.ucsusa.org/food_and_agriculture/our-failing-food-system/genetic-engineering/eight-ways-monsanto-fails.html#.VrcEjGQrIv4)

Agribusiness giant Monsanto touts its products as indispensable tools in the struggle to feed a growing world population. In reality, less costly alternatives are available that can do just as good a job of meeting our food needs without producing some of the serious problems, like herbicide-resistant "superweeds," that Monsanto's products have caused.

### **2. Scientific American, 2009**

#### **Weed-Whacking Herbicide Proves Deadly to Human Cells**

<http://www.scientificamerican.com/article/weed-whacking-herbicide-p/>

The term "inert ingredient" is often misleading, according to Caroline Cox, research director of the Center for Environmental Health, an Oakland-based environmental organization. Federal law classifies all pesticide ingredients that don't harm pests as "inert," she said. Inert compounds, therefore, aren't necessarily biologically or toxicologically harmless – they simply don't kill insects or weeds.

### **3. Center for Food Safety**

**Press Release, Nov 25, 2015**

<http://www.centerforfoodsafety.org/press-releases/4144/epa-pulls-registration-for-dows-enlist-duo-herbicide-citing-high-toxicity-levels>

Dow created Enlist crops as a quick fix for the problem created by "Roundup Ready" crops, the previous generation of genetically engineered crops designed to resist the effects of glyphosate, the active ingredient in Monsanto's Roundup herbicide. Just as overuse of antibiotics has left resistant strains of bacteria to thrive, repeated use of Roundup on those crops allowed glyphosate-resistant "superweeds" to proliferate, and those weeds now infest tens of millions of acres of U.S. farmland. Enlist crops allow farmers to spray both glyphosate and 2,4-D without killing their crops, which they hope will kill weeds resistant to glyphosate alone. But some weeds have already developed 2,4-D resistance, and the escalating cycle of more toxic pesticides in the environment will continue unless EPA stops approving these chemicals, and USDA stops rubber-stamping new genetically engineered crops.

**Submitted by**

**Mary Ann Kadooka**

**2752H Pali Hwy.**

**Honolulu, HI 96817**

**Email address: marykdk@yahoo.com**



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**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: I am against the right to farm amendment. The counties have a right to self determination.

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**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Boyd Ready	Individual	Oppose	No

Comments: I am opposed to this bill for several reasons: 1) carefully vetted labels already prohibit drift; 2) rationale confuses drift with vapor, they are not the same, and vapor has not been shown to be harmful; 3) nationwide no other buffer zone program exists other than for water ways, a small state like Hawaii need not start in on this-- agriculture and health departments are stretched thin already; 4) bill invites individual law suits that will harass farmers 5) school problems investigated in Hawaii have shown residential and non-farm uses have been the problem, not commercial agriculturists; 6) imposes a hindrance on agriculture yet our State constitution calls for agriculture to be enhanced. I respectfully oppose this bill.

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Dear committee members,

I'm writing in strong support of HB2564, which would create a pilot program of buffer zones for pesticides around schools. This bill would help protect children (and staff!) from the impacts of large-scale agricultural pesticide use—it's not meant to hurt Hawai'i's farmers, but to protect keiki. The Vegetative Buffer Zone Pilot program would also promote the growing of native and/or beneficial plant species and vegetation, and provide opportunities to improve soil. This is good for the islands and for us. Please support this bill!

Sincerely,

Katharine Beutner  
katharine.b@gmail.com

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**Cc:** ayeh@hawaii.rr.com  
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**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Aileen K . F. Yeh	Individual	Oppose	No

Comments:

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**HB2564**

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Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: Aloha, I support bill HB2564, we have the right to know what our children are breathing as the breezes blow, we have a right to protection from poison. However, I absolutely do not support the 'right to farm' addition. Please protect the people.

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**Cc:** milholen.jennifer@gmail.com  
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Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 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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**HB2564**

Submitted on: 2/8/2016

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<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Pamela Boyar	Individual	Support	Yes

Comments:

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**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 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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**To:** AGRtestimony  
**Cc:** davidsher@juno.com  
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**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: I am writing this on the one year anniversary of the passing of Dr. Sylvia Pager, a well-loved and respected pediatrician here on Oahu. Dr. Pager dedicated her life to looking out for and protecting our keiki. The last thing she did was to present testimony on behalf of the American Academy of Pediatrics at the state legislature in support of HB1514. This bill called for disclosure, notification, and buffer zones of toxic, restricted use pesticides. She strongly supported that bill because of her concern about pesticide exposure which science has demonstrated negatively impacts the health and well-being of Hawaii's keiki. Shortly after providing her testimony she suffered a stroke and passed away a few days later, on February 8, 2015. That bill never made it through committee, as it was deferred by AGR. This year a bill of a similar nature has been introduced - HB2564 - which establishes a pilot program creating buffer zones around five selected schools. When testifying last year, Dr. Pager's closing remarks were "The medical evidence is staggering and highly unnerving. As a doctor, it is my obligation to tend to the health of my community. I take this responsibility with great seriousness. I respectfully urge the committee members to take their role as policymakers with the same level of seriousness, and pass this measure to protect our keiki." I believe you do take your role as policymakers very seriously. That is why I am ask you to please consider her words and to honor Dr. Pager's memory by ensuring this bill is passed this legislative session. Respectfully, Sherry Pollack, R.D.N.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 08, 2016 9:28 PM  
**To:** AGRtestimony  
**Cc:** sestshim@gmail.com  
**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: Our School children deserve to be protected from poisons. It is absolutely crucial and so very obvious that there should be pesticide and herbicide buffer zones surrounding all schools. As a mother and a simply rational human being, I SUPPORT HB2564.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 08, 2016 8:46 PM  
**To:** AGRtestimony  
**Cc:** susan.stayton@gmail.com  
**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: Representatives, I support HB2564, however, as a farmer myself, I find the proposed amendment by Tsuji to be abhorrent and insulting. We already have a "Right to Farm" bill and farmers with legitimate need may find it useful, but this blatant attempt to subvert home rule and disallow the Counties from protecting their peoples from the recklessness of chemical profiteers who masquerade as "farmers" is sickening and shameful. I go out of my way to minimize the use of biocides on my farm because I recognize that a vibrant, healthy ecosystem is more valuable than the short-term "controls" granted by the heavy-handed application of agricultural chemicals. Counties with the wisdom and courage to seek common-sense limitations to the damages dealt by these monolithic mega-corporations should be treated with respect, rather than subjected to these craven attempts to undermine their rights to protect their own citizens. It is vitally important that each island be able to establish rules that govern and protect its unique situation. "Home Rule" is mandatory. Regards, Susan Stayton

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 08, 2016 8:04 PM  
**To:** AGRtestimony  
**Cc:** lady.flach@gmail.com  
**Subject:** \*Submitted testimony for HB2564 on Feb 9, 2016 08:30AM\*

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 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 08, 2016 7:50 PM  
**To:** AGRtestimony  
**Cc:** tulsi@mauiishome.com  
**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: I am writing to urge your strong support of HB 2564. 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. 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 2564 and protect our keiki. Thank you for your time.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 08, 2016 7:44 PM  
**To:** AGRtestimony  
**Cc:** wekeis333@gmail.com  
**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Tony Sylvester	Individual	Oppose	No

Comments: Rep. Clift Tsuji, Chair Rep. Richard H.K. Onishi, Vice Chair Committee members HB2564 Last year the Department of Agriculture's report to the legislature demonstrated that there were no drift incidences to schools in Hawaii. This bill suggests that large-scale outdoor commercial agriculture operations in Hawaii regularly apply high volumes of restricted use pesticides into the environment, but all agricultural users combined -- including Monsanto -- account for only about one-third of total restricted use pesticide (RUP) sold in the state. Monsanto uses less than 1% of the total. For these reasons and others we oppose the Establishment of a pilot program that creates a vegetative buffer zone around five selected schools near a commercial agricultural production area. Mahalo, Tony Sylvester

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 08, 2016 7:11 PM  
**To:** AGRtestimony  
**Cc:** gordines@kauaiflowers.com  
**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
John R. Gordines	Individual	Oppose	No

Comments: Farmers are not the problem you need to look at all the industries and companies that use pesticides. Termite. Home owners and all others applicators not just agriculturalists. Don't bite the hand that feeds you. Thank you for eliminating this bill and consider supporting agriculture instead of tearing it apart.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 08, 2016 5:19 PM  
**To:** AGRtestimony  
**Cc:** alan.takemoto@monsanto.com  
**Subject:** \*Submitted testimony for HB2564 on Feb 9, 2016 08:30AM\*

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Alan Takemoto	Individual	Oppose	No

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 08, 2016 5:18 PM  
**To:** AGRtestimony  
**Cc:** irisiwami@yahoo.com  
**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/8/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Iris Iwami	Individual	Oppose	No

Comments: Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members, I strongly oppose HB 2564. It unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture. An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of “large scale, outdoor commercial agricultural operations” to use the language of Section 1 of this legislation. The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture. Pesticides are allowed to be used in schools yet unfounded fear of farmer use is proposed to be regulated. Do schools use bleach or other products for sanitation? Are there pesticides used for cockroach, ant, mosquito or termite control? Please look at the facts and not give in emotional misinformation. Sincerely, Iris Iwami Honolulu, HI

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## AGRtestimony

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From: Gavin Key <gavinkey@live.com>  
Sent: Monday, February 08, 2016 3:25 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

Gavin Key

Kailua-Kona

## AGRtestimony

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From: Thomas Mackay <prakashmackay@gmail.com>  
Sent: Monday, February 08, 2016 3:36 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

Thomas Mackay  
po box 994  
Wailuku, HI 96793

## AGRtestimony

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From: Ruth Gillett <ruth@brocweb.com>  
Sent: Monday, February 08, 2016 3:41 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Ruth Gillett  
Barrington Dr  
Glasgow, ot G4 9ET

## AGRtestimony

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From: Kehau Kaauwai <kkaauwai@yahoo.com>  
Sent: Monday, February 08, 2016 4:01 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Kehau Kaauwai  
10 Wailau  
Lahaina, HI 96761



## AGRtestimony

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From: Michele David <mdavid3@my.hpu.edu>  
Sent: Monday, February 08, 2016 4:08 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Michele David  
68 Kalaka Pl  
Kailua, HI 96734

## AGRtestimony

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From: Jamie Sabatini <sabatinij001@hawaii.rr.com>  
Sent: Monday, February 08, 2016 2:48 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Jamie Sabatini  
67-008 Kaimanu Pl  
Waialua, HI 96791

## AGRtestimony

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From: Winifred Marcos <w1n1marc@gmail.com>  
Sent: Monday, February 08, 2016 3:43 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

Winifred Marcos

Ewa Beach

## AGRtestimony

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From: Gary Harrold <sandrubyea@gmail.com>  
Sent: Monday, February 08, 2016 4:28 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Gary Harrold  
11 Ala Muku St  
Hilo, HI 96720

## AGRtestimony

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From: Roy Shitanaka <rts5371@yahoo.com>  
Sent: Monday, February 08, 2016 4:30 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Roy Shitanaka  
Alawai Rd  
Waimea, HI 96796

## AGRtestimony

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From: alis castano <osito17@hotmail.com>  
Sent: Monday, February 08, 2016 10:29 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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alis castano  
50 elm dr.  
mississauga, ON L5A 3X2

## AGRtestimony

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From: Alma Morente <almamorente@gmail.com>  
Sent: Monday, February 08, 2016 11:32 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Alma Morente  
1929 Houghtailing Street  
Honolulu, HI 96817

## AGRtestimony

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From: Amira St Johns <amirasweb@yahoo.com>  
Sent: Monday, February 08, 2016 5:40 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Amira St Johns  
00000 Reality Rd  
Mesa, AZ 85205



## AGRtestimony

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From: carol philips <carolphilips1@gmail.com>  
Sent: Monday, February 08, 2016 5:28 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

carol philips  
PO Box 8  
Haleiwa, HI 96712

## AGRtestimony

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From: Theodora Akau Gaspar <Hapagurl7669@yahoo.com>  
Sent: Monday, February 08, 2016 10:53 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Theodora Akau Gaspar  
463764 kapuna road  
Honokaa, HI 96727

## AGRtestimony

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From: Sharron Cushman <cushmanzoo@hawaiiantel.net>  
Sent: Monday, February 08, 2016 10:56 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Sharron Cushman  
HC 2 Box 6467  
Keaau, HI 96749

## AGRtestimony

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From: Renee Gray <reneeimamo@gmail.com>  
Sent: Monday, February 08, 2016 8:55 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Renee Gray  
15 Paha Place  
Makawao, HI 96768

## AGRtestimony

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From: Dawn Malu <Verndawn@msn.com>  
Sent: Monday, February 08, 2016 7:38 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Dawn Malu  
302 Humupea pl  
Kihei, HI 96753

## AGRtestimony

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From: doug schabell <dgschabell@gmail.com>  
Sent: Monday, February 08, 2016 6:53 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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doug schabell  
po box 711795  
mountain view, HI 96771

## AGRtestimony

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From: Dr.Duke Okamoto <Axxemann45@msn.co>  
Sent: Monday, February 08, 2016 10:05 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Dr.Duke Okamoto  
99009 Kalaloa  
Aiea, HI 96701

## AGRtestimony

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From: Elizabeth McDermott <BMcD63@gmail.com>  
Sent: Monday, February 08, 2016 9:26 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Elizabeth McDermott  
2739 Terrace Drive  
Honolulu, HI 96822



## AGRtestimony

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From: Ileana H Ruelas <ileanahaunani@gmail.com>  
Sent: Monday, February 08, 2016 6:33 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Ileana H Ruelas  
87-137 Keliikipi St.  
Waianae, HI 96792

## AGRtestimony

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From: Jessica Mitchell <jessicamitchell51@yahoo.com>  
Sent: Monday, February 08, 2016 8:09 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Jessica Mitchell  
Namahoe  
Kapolei, HI 96707

## AGRtestimony

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From: Kat Culina <Kata31999@yahoo.com>  
Sent: Monday, February 08, 2016 7:37 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Kat Culina  
Po box  
Keaau, HI 96749

## AGRtestimony

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From: Lita Elbertson <litalbertson@gmail.com>  
Sent: Monday, February 08, 2016 8:51 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Lita Elbertson  
745107 palani rd  
Kailua-Kona, HI 96740

## AGRtestimony

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From: Marcy Brown <awakenarise@gmail.com>  
Sent: Monday, February 08, 2016 6:46 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Marcy Brown  
7467 Koolau Rd.  
Kilauea, HI 96754

## AGRtestimony

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From: Mitsuko Hayakawa <shizen@hawaiiantel.net>  
Sent: Monday, February 08, 2016 10:22 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Mitsuko Hayakawa  
821 Hoomalu St.  
Pearl City, HI 96782

## AGRtestimony

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From: Peter Jamtgaard <peter@jamtgaardse.com>  
Sent: Monday, February 08, 2016 4:56 PM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Peter Jamtgaard  
PO Box 11527  
Honolulu, HI 96828

## AGRtestimony

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From: David Carvalho <davidcar@hawaii.edu>  
Sent: Monday, February 08, 2016 8:53 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

David Carvalho

Hilo



## AGRtestimony

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From: Earl Tanaka <earlтанaka@gmail.com>  
Sent: Monday, February 08, 2016 8:49 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

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Stop Blaming Farmers, We choose Facts over Fear!

Earl Tanaka

Honokaa

## AGRtestimony

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From: loie agustin <knicole111512@gmail.com>  
Sent: Monday, February 08, 2016 5:53 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

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Stop Blaming Farmers, We choose Facts over Fear!

loie agustin

kahului

## AGRtestimony

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From: Jon Tanouye <jon@greenpointnursery.com>  
Sent: Monday, February 08, 2016 5:22 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I am a third generation farmer on the Big Island of Hawaii and I oppose HB 2564. It unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Please stop targeting farmers and instead support and help farmers!

Jon Tanouye

Keaau

## AGRtestimony

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From: Lorie Farrell <lorie.farrell@gmail.com>  
Sent: Monday, February 08, 2016 7:50 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

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Stop Blaming Farmers, We choose Facts over Fear!

Lorie Farrell

Honokaa

## AGRtestimony

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From: Maria Larriera <alejandralarriera@yahoo.es>  
Sent: Monday, February 08, 2016 6:34 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

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Stop Blaming Farmers, We choose Facts over Fear!

Maria Larriera

Kihei

## AGRtestimony

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From: Matt Graham <grahamr@gmail.com>  
Sent: Monday, February 08, 2016 7:06 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

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An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

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Stop Blaming Farmers, We choose Facts over Fear!

Matt Graham

Kihei

## AGRtestimony

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From: Patrick Rich <Patrick.k.rich@monsanto.com>  
Sent: Monday, February 08, 2016 7:59 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

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Stop Blaming Farmers, We choose Facts over Fear!

Patrick Rich

Kaaawa

## AGRtestimony

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From: Richard Takase <RTakase@aol.com>  
Sent: Monday, February 08, 2016 4:57 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

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Richard Takase

Wailuku



## AGRtestimony

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From: Robert Gandia <bitos1@yahoo.com>  
Sent: Monday, February 08, 2016 6:40 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

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An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

Robert Gandia

Kekaha

## AGRtestimony

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From: Sarah Thompson <sarahentm@gmail.com>  
Sent: Monday, February 08, 2016 5:06 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

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Stop Blaming Farmers, We choose Facts over Fear!

Sarah Thompson

Lawai

## AGRtestimony

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From: Shin Ho <Shinh@hofarms.com>  
Sent: Monday, February 08, 2016 11:42 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

Shin Ho

Kahuku

## AGRtestimony

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From: Tim Hering <heringtim@aol.com>  
Sent: Monday, February 08, 2016 6:08 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

Tim Hering

Honolulu

## AGRtestimony

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From: Silverio Dela Cruz <smcruz02@yahoo.com>  
Sent: Monday, February 08, 2016 8:14 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

Silverio Dela Cruz

Ewa Beach

## AGRtestimony

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From: Susan Miyasaka <sc\_miyasaka@yahoo.com>  
Sent: Monday, February 08, 2016 8:04 PM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

Susan Miyasaka

Hilo

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, February 09, 2016 7:19 AM  
**To:** AGRtestimony  
**Cc:** julianemoto@googlemail.com  
**Subject:** Submitted testimony for HB2564 on Feb 9, 2016 08:30AM

**HB2564**

Submitted on: 2/9/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments: It should be common sense to NOT spray pesticides, especially in experimental trails, around schools, where children are studying. The County of Hawaii has to have the power to regulate pesticide use. The conditions in Hawaii are very unique and require special rules. Thank you for your consideration.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, February 09, 2016 7:45 AM  
**To:** AGRtestimony  
**Cc:** kauaihale@gmail.com  
**Subject:** \*Submitted testimony for HB2564 on Feb 9, 2016 08:30AM\*

**HB2564**

Submitted on: 2/9/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments:

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, February 09, 2016 7:41 AM  
**To:** AGRtestimony  
**Cc:** michelle@hawaiiantel.net  
**Subject:** \*Submitted testimony for HB2564 on Feb 9, 2016 08:30AM\*

**HB2564**

Submitted on: 2/9/2016

Testimony for AGR/EEP on Feb 9, 2016 08:30AM in Conference Room 325

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

Comments:

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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Committee on Agriculture

Chair Tsuji

Vice Chair Onishi

Committee on Energy and Environmental Protection

Chair Lee

Vice Chair Lowen

Tuesday, February 9, 2016

8:30AM in Conference Room 325

t. Mahealani Maiku'i

**TESTIMONY IN STRONG SUPPORT OF HB2564**

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time. Thank you kindly for considering my testimony in strong support of the measure.

Me ke aloha

## AGRtestimony

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From: David Young <waidave@hawaii.rr.com>  
Sent: Tuesday, February 09, 2016 5:32 AM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

David Young

Mililani

## AGRtestimony

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From: Dee Loa <K21loa@gmail.com>  
Sent: Tuesday, February 09, 2016 1:56 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

Dee Loa  
POB 2958  
Kaiua Kona, HI 96745

## AGRtestimony

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From: Dennis Miyamoto <denmiya@aol.com>  
Sent: Tuesday, February 09, 2016 6:38 AM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

Dennis Miyamoto

Honolulu

## AGRtestimony

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From: James Kusakabe <jkusakabe@beihawaii.com>  
Sent: Tuesday, February 09, 2016 7:31 AM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

James Kusakabe

Wailuku

## AGRtestimony

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From: Jay Ellis <surferjay@hawaii.rr.com>  
Sent: Tuesday, February 09, 2016 3:22 AM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

Jay Ellis

Kihei

## AGRtestimony

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From: Larry Keaton <lkeaton@hawaii.rr.com>  
Sent: Tuesday, February 09, 2016 5:52 AM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

Larry Keaton

Mililani



## AGRtestimony

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From: Leann McCall <Leann.love1@hmail.com>  
Sent: Tuesday, February 09, 2016 5:16 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

Leann McCall  
1112 Kinau st apt 708  
Honolulu, HI 96814

## AGRtestimony

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From: Marilyn Markley <rhio.gabriel@hawaiiintel.net>  
Sent: Tuesday, February 09, 2016 3:20 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

Marilyn Markley  
PO Box 1668  
Pahoa, HI 96778

## AGRtestimony

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From: Mike McNeace <bigmacmike@hawaii.rr.com>  
Sent: Tuesday, February 09, 2016 1:17 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

Mike McNeace  
68-023 Au St c  
Waialua, HI 96791

## AGRtestimony

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From: pat zgame <pag71@live.com>  
Sent: Tuesday, February 09, 2016 6:33 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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 2564 and protect our keiki. Thank you for your time.

pat zgame  
1357 bernardston rd  
greenfield, MA 01301

## AGRtestimony

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From: Richard Ha <Richard@hamakuasprings.com>  
Sent: Tuesday, February 09, 2016 12:28 AM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

Richard Ha

Hilo

## AGRtestimony

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From: Robert Paull <robert.paull@hawaii.rr.com>  
Sent: Tuesday, February 09, 2016 5:06 AM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I strongly oppose HB 2564, that unfairly targets Hawaii agriculture, placing unfounded blame and additional burdens on Hawaii farmers. We should not add additional burdens on farmers based on unfounded fears, we should be trying to help ensure food security and sustainable agriculture.

Pesticide incidents related to schools are more frequently due to the use of pesticides by homeowners. Yet this Bill does nothing to prevent this problem.

Robert Paull

Honolulu

## AGRtestimony

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From: sarah hill <sarahlehua@yahoo.com>  
Sent: Tuesday, February 09, 2016 5:22 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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 2564 and protect our keiki. Thank you for your time.

sarah hill  
13-3445 Alapai st  
pahoa, HI 96778

## AGRtestimony

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From: Scott Hanief <shanief@beihawaii.com>  
Sent: Tuesday, February 09, 2016 6:54 AM  
To: AGRtestimony  
Subject: Oppose HB 2564 Relating to Vegetative Buffers

Dear Representative Tsuji & Lee; Chair(s) and Joint Committee Members,

I oppose HB 2564, it unfairly targets Hawaii farmers placing unfounded blame and burden on Hawaii farmers and agriculture.

An important area to consider is the history of pesticide incidents when it comes to schools. The Hawaii State Department of Agriculture issued a thorough report examining school evacuations relating to pesticides dating back to 2006. They found that none were due to the actions of "large scale, outdoor commercial agricultural operations" to use the language of Section 1 of this legislation.

The majority of the incidents were due to the use of pesticides by homeowners. Yet this Bill unfairly blames agriculture.

Stop Blaming Farmers, We choose Facts over Fear!

Scott Hanief

Lihue



## AGRtestimony

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From: Sonja Oliveri <Sonja-oliveri@hotmail.com>  
Sent: Tuesday, February 09, 2016 5:18 AM  
To: AGRtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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 2564 and protect our keiki. Thank you for your time.

Sonja Oliveri  
839 21st ave apt b  
Honolulu, HI 96816



February 3, 2016

Representative Clift Tsuji, Chair  
Representative Richard H.K. Onishi, Vice Chair  
House Committee on Agriculture

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

**Testimony in Opposition to HB 2564 Relating to Agriculture. (Establishes a pilot program, applicable to commercial agricultural operations that use pesticides, that creates a vegetative buffer zone around five selected schools near a commercial agricultural production area.)**

**AGR/EEP Hearing: Tuesday, February 9, 2016, 8:30 a.m., in Conf. Rm. 325**

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

LURF and its members strongly support the long-term use and protection of Important Agricultural Lands (IAL) for agricultural use (and not for so-called "Gentlemen Farms"). LURF has worked with the Department of Agriculture (DOA), Hawaii Farm Bureau Federation (HFB), Hawaii Cattlemen's Council (HCC) and other agricultural stakeholders to pass the IAL law, whose purpose is to provide agricultural incentive programs to promote agricultural viability, sustained growth of the agricultural industry, and the long-term use and protection of important agricultural lands for agricultural use. Since that time, LURF members have designated more than 53,942 acres as IAL; and LURF has been working with the DOA, HFB, HCC, other agricultural stakeholders, and the counties to implement county IAL incentives and the IAL designation process for the counties.

However, LURF must **opposes HB 2564**, which may be well-intended, but is not based on any reliable facts or research; lacks consultation with, and support of key agricultural stakeholders (including the DOA, HFB and HCC); would have the unintended negative consequences of severely limiting agricultural operations by bonafide farmers, new farmers, small family farms and other groups engaged in

commercial agricultural production; and is counter-productive to the State's goals relating to agricultural sustainability, including, but not limited to, promoting agricultural viability, diversified agriculture and the IAL law.

**HB 2564.** This measure would establish a pilot program, applicable to commercial agricultural operations that use pesticides, that creates a vegetative buffer zone around five selected schools near a commercial agricultural production area. The stated purpose of this bill is to protect the State's children and schools from unintended impacts of large-scale agricultural pesticide use by establishing a pilot program of vegetative buffer zones around selected schools within the State.

The effect of this bill is to unnecessarily and severely restrict the availability and use of agricultural lands by *bonafide* farmers, ranchers, agricultural producers and landowners who have already designated their lands as IAL and are engaged in active agricultural production.

### **Important Background Facts and Reasons to Hold HB 2564:**

- **HB 2564 will usurp the State's authority and ability to regulate pesticide use in Hawaii.** One section of this bill appears to give the counties the ability to regulate pesticides, which has long been a state-wide concern. The applicable provision provides as follows:

**§149A-J Authority of local government.** Nothing in this chapter shall be construed to preempt or prohibit the authority of a unit of local government in the State, including counties and any other political subdivisions within the State created under article VIII, section 1 of the state constitution to regulate pesticide disclosure, notification, and use, including the establishment of buffer zones against pesticides, in a manner that is equivalent to, or more stringent than the provisions contained in this chapter.

- **HB 2564 is not based on facts - Homeowners are actually responsible for the majority of pesticide incidents relating to Hawaii's schools.** According to the DOA, homeowners (not commercial agricultural production) were responsible for a majority of the pesticides incidents and evacuations relating to schools. LURF understands that the DOA has issued a report examining school evacuations relating to pesticides, dating back to 2006; and the findings in the DOA report confirm that the majority of the incidents were due to the use of pesticides by homeowners, and that none were due to the actions of commercial agricultural operations.

- **HB 2564 is not based on facts – 2/3 of the actual sales of Restricted Use Pesticides (RUP) in Hawaii are NOT to commercial agricultural producers.** The DOA keeps data on the purchase of RUP in Hawaii, and LURF understands that in 2013, DOA’s RUP Sales Data confirms that the farmers account for only 32% of the RUP sales.
- **This measure will unnecessarily and negatively restrict farming and agricultural operations of *bonafide* farmers, new farmers, small family farms and other groups engaged in agricultural production.** The bill applies restrictions on “*commercial agricultural production,*” which is defined as “(1) *Commercial production of any seed, crop, plant, timber, livestock, poultry, fish, bees, or apiary products; or (2) Testing or experimental production of any seed, crop, plant, timber, livestock, poultry, fish, bees, or apiary products.*” Thus, this bill would negatively restrict almost every category of agricultural production.
- **This bill will have broad, unnecessary, negative consequences on sustainable and diversified agriculture and Important Agricultural Lands.** This measure requires setbacks (unspecified at this time) prohibiting agricultural production on smaller affordable parcels of agricultural lands, which are often used by new, small, and family farmers, and also reduce the acreage available for agricultural production on IAL. This measure would also mandate that farmers and IAL landowners bear the additional costs of planting and maintaining certain vegetation on the “buffer areas” on their properties; and be subject to daily fines and citizen lawsuits if that vegetation is not acceptable.
- **HB 2564 is not based on facts - Homeowners are actually responsible for the majority of pesticide incidents relating to Hawaii’s schools.** According to the DOA, homeowners (not commercial agricultural production) were responsible for a majority of the pesticides incidents and evacuations relating to schools. LURF understands that the DOA has issued a report examining school evacuations relating to pesticides, dating back to 2006; and the findings in the DOA report confirm that the majority of the incidents were due to the use of pesticides by homeowners, and that none were due to the actions of commercial agricultural operations.
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For the reasons stated above, LURF **must strongly oppose HB 2564** and respectfully requests that this bill be **held** in your Committee.

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

## EEPttestimony

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From: Megan Blazak <Mblazak@gmail.com>  
Sent: Saturday, February 06, 2016 9:42 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

Megan Blazak  
485 Waiuanuenue Ave #147K  
Hilo, HI 96720

## EEPttestimony

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From: Haley Randell <haleyrandell9@gmail.com>  
Sent: Saturday, February 06, 2016 9:54 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Haley Randell  
4402 Clarey Blvd  
Honolulu, HI 96818

## EEPttestimony

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From: John Davis <Alohaainaservices@gmail.com>  
Sent: Saturday, February 06, 2016 10:20 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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John Davis  
485 Waiuanue Ave #147K  
Hilo, HI 96720

## EEPttestimony

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From: Bonnie Marsh <naturadoc@gmail.com>  
Sent: Saturday, February 06, 2016 11:40 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Bonnie Marsh  
905 Kokomo Rd  
Haiku, HI 96708



## EEPtestimony

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From: Virginia Brandford <gigibrandford@gmail.com>  
Sent: Saturday, February 06, 2016 11:36 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Virginia Brandford  
Po Box 6455  
Ocean View, HI 96737

## EEPttestimony

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From: Kevin Kekoa <kkekoa@gmail.com>  
Sent: Saturday, February 06, 2016 10:56 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Kevin Kekoa  
1212 Punahou Street  
Honolulu, HI 96826

## EEPttestimony

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From: Sandra Fujita <yappygr1@aol.com>  
Sent: Saturday, February 06, 2016 11:34 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Sandra Fujita  
45-318 Mokulele Dr  
Kaneohe, HI 96744

## EEPttestimony

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From: Pamela Wai'olena <pwaiolena@yahoo.com>  
Sent: Saturday, February 06, 2016 11:36 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Pamela Wai'olena  
P.O. Box 6416  
Kamuela, HI 96743

## EEPttestimony

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From: Jill Simon <sillyjilly@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 11:17 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Jill Simon  
77-112 Nahale Pl.  
Kailua Kona, HI 96740

## EEPtestimony

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From: Mary Mulhall <mmulhall@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 11:20 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

Please support HB 2564.

Vegetative buffer zones around schools across the State just makes sense!

here on Kauai, glycoposphates have now been found in honey on Kauai.

Pesticides are insidious. The effects on our children are sometimes massive, such as obvious birth defects, and sometimes subtle and difficult to trace.

Please support HB 2564 and protect our keiki. Mahalo!

Mary Mulhall  
1210 Crossley Rd.  
Kapaa, HI 96746

## EEPttestimony

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From: John Meanire <h2ohtech@yahoo.com>  
Sent: Saturday, February 06, 2016 11:14 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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John Meanire  
75-335 Nani Kailua dr  
Kailua Kona, HI 96740

## EEPttestimony

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From: Tobias Olival <Kopia420@aol.com>  
Sent: Saturday, February 06, 2016 11:14 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Tobias Olival  
Pō box 183  
Honoka'a, HI 96727



## EEPttestimony

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From: bonnie chadwick <bonbon2@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 10:58 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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bonnie chadwick  
21 nia place  
LAHAINA, HI 96761

## EEPttestimony

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From: Crystal West <crystalinx@yahoo.com>  
Sent: Saturday, February 06, 2016 10:55 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Crystal West  
55-3556 Kaauhuhu Road  
Hawi, HI 96719

## EEPttestimony

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From: Barbara Nosaka <barbrick@hawaiiantel.net>  
Sent: Saturday, February 06, 2016 10:52 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Barbara Nosaka  
2216 Hoonanea Street  
Honolulu, HI 96822

## EEPttestimony

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From: Brad Parsons <kauaiBrad@hotmail.com>  
Sent: Saturday, February 06, 2016 10:51 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Brad Parsons  
P.O. Box 223374  
Princeville, HI 96722

## EEPttestimony

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From: ron taylor <changeamerica@gmail.com>  
Sent: Saturday, February 06, 2016 10:51 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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ron taylor  
po box 6162  
hilo, HI 96720

## EEPttestimony

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From: ELIA BRUNO <eliab@hawaii.edu>  
Sent: Saturday, February 06, 2016 10:49 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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ELIA BRUNO  
Manoa Rd  
HONOLULU, HI 96822

## EEPttestimony

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From: AnneMarie Call <joy@yahoo.com>  
Sent: Saturday, February 06, 2016 10:43 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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AnneMarie Call  
3470 Woodside Lane  
San Jose, CA 95121

## EEPttestimony

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From: Susan Sanger <sanger@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 10:38 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

Susan Sanger  
226 Kaiolohia Place  
Honolulu, HI 96825



## EEPttestimony

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From: Lilinoe Smith <balihai7@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 10:29 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Lilinoe Smith  
PO Box 414  
Kalaheo, HI 96741

## EEPtestimony

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From: Michael Stauber <m\_stauber@msn.com>  
Sent: Saturday, February 06, 2016 10:29 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Michael Stauber  
PO Box 1656  
Koloa, HI 96756

## EEPttestimony

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From: Tony Angelini <tangel8282@aol.com>  
Sent: Saturday, February 06, 2016 10:28 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Tony Angelini  
P. O. Box 970  
Hana, HI 96713

## EEPttestimony

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From: Stephen Jay <MoonbowMaui@yahoo.com>  
Sent: Saturday, February 06, 2016 10:27 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Stephen Jay  
4421 Opana Place  
Haiku, HI 96708

## EEPttestimony

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From: Joanna Weber <joanna.franz@gmail.com>  
Sent: Saturday, February 06, 2016 10:28 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Joanna Weber  
76-789 'Io Place  
Kailua-Kona, HI 96740

## EEPttestimony

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From: Cyrus Howe <cwhowe@gmail.com>  
Sent: Saturday, February 06, 2016 10:27 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Cyrus Howe  
1821 Keeaumoku Street #203  
Honolulu, HI 96822

## EEPtestimony

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From: John Veronica <JohnJohnAndVeronica@gmail.com>  
Sent: Saturday, February 06, 2016 10:27 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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John Veronica  
Pupukea  
Hale'iwa, HI 96712

## EEPttestimony

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From: John Davis <Alohaainaservices@gmail.com>  
Sent: Saturday, February 06, 2016 10:20 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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John Davis  
485 Waiuanue Ave #147K  
Hilo, HI 96720



## EEPttestimony

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From: Bonnie Marsh <naturadoc@gmail.com>  
Sent: Saturday, February 06, 2016 11:40 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Bonnie Marsh  
905 Kokomo Rd  
Haiku, HI 96708

## EEPtestimony

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From: Kami Carter <Kamij9@gmail.com>  
Sent: Saturday, February 06, 2016 1:37 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Kami Carter  
6434 hohola  
Kamuela, HI 96743

## EEPttestimony

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From: Alda St. James <aldamaui@yahoo.com>  
Sent: Saturday, February 06, 2016 1:26 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Alda St. James  
148 Ehilani St.  
Maui Hawaii, HI 96768

## EEPtestimony

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From: Katherine Saluzzo <K\_day\_2002@yahoo.com>  
Sent: Saturday, February 06, 2016 1:21 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Katherine Saluzzo  
860 malulani st.  
Kihei, HI 96753

## EEPttestimony

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From: Jonathan Boyne <boyne@hawaii.edu>  
Sent: Saturday, February 06, 2016 1:17 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Jonathan Boyne  
Kakela Dr.  
Honolulu, HI 96822

## EEPttestimony

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From: stuart sakoeki <adelove@hawaiiantel.net>  
Sent: Saturday, February 06, 2016 1:14 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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stuart sakoeki  
2608 pauoa rd.  
honolulu, HI 96813

## EEPttestimony

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From: Don Erway <der1way@earthlink.net>  
Sent: Saturday, February 06, 2016 12:55 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Don Erway  
77-6455 Princess Keelikolani Dr.  
Kailua Kona, HI 96740

## EEPttestimony

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From: Denise Woods <dbwoodsluv@hotmail.com>  
Sent: Saturday, February 06, 2016 12:39 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Denise Woods  
pmb 128  
Kapaa, HI 96746



## EEPtestimony

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From: Bonnie Marsh <naturadoc@gmail.com>  
Sent: Saturday, February 06, 2016 11:40 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Bonnie Marsh  
905 Kokomo Rd  
Haiku, HI 96708

## EEPttestimony

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From: Roy Shitanaka <rts5371@yahoo.com>  
Sent: Saturday, February 06, 2016 12:36 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Roy Shitanaka  
Alawai Rd  
Waimea, HI 96796

## EEPttestimony

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To: EEPttestimony  
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Denise Woods  
pmb 128  
Kapaa, HI 96746

## EEPttestimony

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From: Raphiell Nolin <Raphiell@gmail.com>  
Sent: Saturday, February 06, 2016 12:37 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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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 2564 and protect our keiki. Thank you for your time.

Raphiell Nolin  
PO Box 1216  
Puunene, HI 96784

## EEPttestimony

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From: Leilani Clark <hawaiiqh@gmail.com>  
Sent: Saturday, February 06, 2016 12:35 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Leilani Clark  
87-370 Ka'ohē Mauka Pl  
Captain Cook, HI 96704

## EEPttestimony

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From: Carol Beardmore <willie.cb@gmail.com>  
Sent: Saturday, February 06, 2016 12:29 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Carol Beardmore  
1051 Puuopae Road  
Kapaa, HI 96746

## EEPttestimony

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From: John Naylor <jdancer@kula.us>  
Sent: Saturday, February 06, 2016 12:22 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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John Naylor  
P.O. Box 1749  
makawao, HI 96768

## EEPttestimony

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From: Barbara Nosaka <barbrick@hawaiiantel.net>  
Sent: Saturday, February 06, 2016 10:52 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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 2564 and protect our keiki. Thank you for your time.

Barbara Nosaka  
2216 Hoonanea Street  
Honolulu, HI 96822



## EEPttestimony

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From: Keala Ortiz <kealawaiwai@yahoo.com>  
Sent: Saturday, February 06, 2016 11:56 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Keala Ortiz  
1128 Clío St  
Kaneohe, HI 96744

## EEPtestimony

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From: Stathie Prattas <stathie@coastpropertieshawaii.com>  
Sent: Saturday, February 06, 2016 11:50 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Stathie Prattas  
POB 1044  
Captain Cook, HI 96704

## EEPttestimony

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From: Yvonne Bickerton <Vonnyb@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 11:48 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Yvonne Bickerton  
P.o. box 1040  
Waialua, HI 96791

## EEPttestimony

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From: Clara Morgan <clara.mrgn@gmail.com>  
Sent: Saturday, February 06, 2016 11:46 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Clara Morgan  
270 Bellevue Avenue, #243  
Newport, RI 02840, HI 96732

## EEPttestimony

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From: ynez fernandez <ynez.fernandez@hawaiiantel.net>  
Sent: Saturday, February 06, 2016 12:12 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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ynez fernandez  
493 Pio Drive, 214  
Wailuku, HI 96793

## EEPttestimony

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From: Samantha Sherline <1hulabear@gmail.com>  
Sent: Saturday, February 06, 2016 4:22 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Samantha Sherline  
P.O.Box 521  
Naalehu, HI 96772

## EEPttestimony

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From: Kay Howe <maryk8@hawaii.edu>  
Sent: Saturday, February 06, 2016 4:19 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Kay Howe  
221 B, West Lanikaula St.  
Hilo, HI 96720

## EEPttestimony

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From: Daniela Smith <Danielasmith1106@gmail.com>  
Sent: Saturday, February 06, 2016 4:17 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Daniela Smith  
35-2054 old mamalahoa hwy  
Papaaloa, HI 96780



## EEPttestimony

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From: Terry Huth <tl\_huth@yahoo.com>  
Sent: Saturday, February 06, 2016 4:11 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Terry Huth  
2104 Bristol Dr  
Austin, HI 96753

## EEPttestimony

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From: Robert Schmidt <mybizmaui@gmail.com>  
Sent: Saturday, February 06, 2016 4:05 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Robert Schmidt  
4485 Kula Hwy  
Kula, HI 96790

## EEPttestimony

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From: peter risley <peterrisley47@gmail.com>  
Sent: Saturday, February 06, 2016 1:50 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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peter risley  
p.o. box 1272  
kapaau, HI 96755

## EEPttestimony

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From: Alyshea Hiraga <H.alshea@gmail.com>  
Sent: Saturday, February 06, 2016 1:53 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Alyshea Hiraga  
Koauka loop  
Aiea, HI 96701

## EEPttestimony

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From: lyn Howe <lynhowe1946@yahoo.com>  
Sent: Saturday, February 06, 2016 1:55 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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lyn Howe  
14-3520 Government Beach Road  
Pahoa, HI 96778

## EEPttestimony

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From: Jing Liu <jing6@hawaii.edu>  
Sent: Saturday, February 06, 2016 2:02 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Jing Liu  
2137 Dole st.  
Honolulu, HI 96822

## EEPttestimony

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From: Chuck Needham <chuckdneedham@gmail.com>  
Sent: Saturday, February 06, 2016 2:11 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Chuck Needham  
PO Box 1287  
Pahoa, HI 96778

## EEPtestimony

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From: Huldah Simpson <Infiniteheart8@yahoo.com>  
Sent: Saturday, February 06, 2016 2:20 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Huldah Simpson  
1730 marston place  
Haiku, HI 96708



## EEPttestimony

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From: Barbara Lee Loy <bigislandbarb.alford@gmail.com>  
Sent: Saturday, February 06, 2016 2:17 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

Barbara Lee Loy  
PO Box 239  
Hakalau, HI 96710

## EEPttestimony

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From: Nancy Seifers <nancyseifers@gmail.com>  
Sent: Saturday, February 06, 2016 2:21 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Nancy Seifers  
Hghy 132  
Pahoa, HI 96778

## EEPttestimony

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From: Mary True <streamgirll@yahoo.com>  
Sent: Saturday, February 06, 2016 2:22 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Mary True  
PO BOX 1020  
Pepeekeo, HI 96783

## EEPttestimony

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From: Alan Ewell <ewell@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 2:35 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Alan Ewell  
4176 Round Top Drive  
Honolulu, HI 96822

## EEPttestimony

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From: Berrie Straatman <bernene@hotmail.com>  
Sent: Saturday, February 06, 2016 2:53 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Berrie Straatman  
469 Ena Rd.  
Honolulu, HI 96815

## EEPttestimony

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From: Mille Kohl <bcalmk@hawaiiantel.net>  
Sent: Saturday, February 06, 2016 2:54 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Mille Kohl  
844 Kokomo Rd.  
Haiku, HI 96708

## EEPttestimony

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From: Nadine Light <rnlight@yahoo.com>  
Sent: Saturday, February 06, 2016 2:57 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Nadine Light  
327 Kealahou Street  
Honolulu, HI 96825

## EEPttestimony

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From: sandra lane <sandsmango@yahoo.com>  
Sent: Saturday, February 06, 2016 3:03 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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sandra lane  
15-1489 7th Av  
Keaau, HI 96749



## EEPtestimony

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From: Berrie Straatman <bernene@hotmail.com>  
Sent: Saturday, February 06, 2016 3:09 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Berrie Straatman  
469 Ena Rd.  
Honolulu, HI 96815

## EEPttestimony

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From: Nan Story <nan.bill@hotmail.com>  
Sent: Saturday, February 06, 2016 3:10 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Nan Story  
1566 Kekaulike Ave  
Kula, HI 96790

## EEPttestimony

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From: Wendy Raebeck <wendywailua@gmail.com>  
Sent: Saturday, February 06, 2016 3:04 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Wendy Raebeck  
335 Kamokila Rd.  
Kapaa, HI 96746

## EEPttestimony

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From: Amy Tatik <amy1108@aol.com>  
Sent: Saturday, February 06, 2016 3:12 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Amy Tatik  
28 Hoohale Street  
kihei, HI 96753

## EEPttestimony

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From: Ann Strong <kaloli.pt@gmail.com>  
Sent: Saturday, February 06, 2016 3:52 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Ann Strong  
15-1014 Kiawe  
Keaau, HI 96749

## EEPttestimony

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From: francis kane <xenokane@gmail.com>  
Sent: Saturday, February 06, 2016 3:14 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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francis kane  
po81482  
haiku, HI 96708

## EEPttestimony

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From: Jeff Daniel <jeffdgc@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 3:14 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Jeff Daniel  
1964 Piimauna Place  
Honolulu, HI 96821

## EEPttestimony

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From: tia Pearson <tia.pearson@gmail.com>  
Sent: Saturday, February 06, 2016 11:45 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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tia Pearson  
po box 861697  
wahjiawa, HI 96786



## EEPttestimony

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From: Eric Voorhies <ericv63@msn.com>  
Sent: Saturday, February 06, 2016 10:34 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Eric Voorhies  
6212 Olohena  
Kapaa, HI 96746

## EEPttestimony

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From: Caron Nakamura <ccnaka@yahoo.com>  
Sent: Saturday, February 06, 2016 10:27 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Caron Nakamura  
45-1036 Anoi Rd.  
Kaneohe, HI 96744

## EEPttestimony

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From: Sandra Brooks <aviananw@yahoo.com>  
Sent: Saturday, February 06, 2016 9:57 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Sandra Brooks  
92-1145 Hame St. #101  
Kapolei, HI 96707

## EEPttestimony

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From: Barb Cuttance <barb@kanekiki.com>  
Sent: Saturday, February 06, 2016 9:54 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Barb Cuttance  
14/266 Papaya Farms Road  
Pahoa, HI 96778

## EEPttestimony

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From: Alex Oshiro <djrx.cares@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 9:34 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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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 2564 and protect our keiki. Thank you for your time.

Stop poisoning our children for profit and greed.

Alex Oshiro  
1920 Kahakai Dr.  
Honolulu, HI 96822

## EEPttestimony

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From: Tanya Aynessazian <taynessazian@gmail.com>  
Sent: Saturday, February 06, 2016 9:13 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Tanya Aynessazian  
PO Box 1860  
Pahoa, HI 96778

## EEPttestimony

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From: Mindy Morizumi <mkmoriz@aol.com>  
Sent: Saturday, February 06, 2016 9:13 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Mindy Morizumi  
1625 Aa Street  
Lahaina, HI 96761

## EEPttestimony

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From: Alisa Tripp <alisamber@yahoo.com>  
Sent: Saturday, February 06, 2016 9:07 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Alisa Tripp  
P.O. Box 232  
Papaloa, HI 97680



## EEPtestimony

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From: Tara Rojas <tararojas55@yahoo.com>  
Sent: Saturday, February 06, 2016 8:55 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Tara Rojas  
2153 Kauhana Street  
Honolulu, HI 96816

## EEPttestimony

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From: Paula Cohen <Alohaphap@aol.com>  
Sent: Saturday, February 06, 2016 8:58 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Paula Cohen  
3854 Ahonui Pl.  
Princeville, HI 96722

## EEPtestimony

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From: Andres Ramirez <andres.ramirez8@hawaiiintel.net>  
Sent: Saturday, February 06, 2016 8:55 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Andres Ramirez  
1045 Haiku Rd  
Haiku, HI 96708

## EEPtestimony

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From: Joanna Weber <joanna.franz@gmail.com>  
Sent: Saturday, February 06, 2016 8:21 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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 rege nerative vegetative buffer zones around five schools across the State.

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Joanna Weber  
76-789 'Io Place  
Kailua-Kona, HI 96740

## EEPttestimony

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From: Marilyn McAteer <Alohaoceanus@yahoo.com>  
Sent: Saturday, February 06, 2016 7:40 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Marilyn McAteer  
4790 L Honoapiilani Road  
Lahaina, HI 96761

## EEPttestimony

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From: Caroline Delano <carolinesdelano@aol.com>  
Sent: Saturday, February 06, 2016 7:12 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Caroline Delano  
RR 2 Box 4792  
Pahoa, HI 96778

## EEPtestimony

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From: Kathy Shimata <kshimata@hawaiiantel.net>  
Sent: Saturday, February 06, 2016 5:45 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Kathy Shimata  
3453 Pawaina St  
Honolulu, HI 96822

## EEPttestimony

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From: scott richardson <ohmyheck31@yahoo.com>  
Sent: Saturday, February 06, 2016 5:39 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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scott richardson  
243 Liliuokalani Avenue  
Honolulu, HI 96815



## EEPttestimony

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From: William Russell <jrtfoxie@aol.com>  
Sent: Saturday, February 06, 2016 5:34 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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William Russell  
94-309 Puuwepa Place  
Mililani, HI 96789

## EEPttestimony

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From: Noreen Dougherty <montessorihale@gmail.com>  
Sent: Saturday, February 06, 2016 5:25 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Noreen Dougherty  
4664 Apopo Rd  
Kapaa, HI 96746

## EEPttestimony

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From: Miranda Camp <Mauimiranda@hotmail.com>  
Sent: Saturday, February 06, 2016 5:19 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Miranda Camp  
P.O. Box 1508  
Kihei, HI 96753

## EEPttestimony

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From: delbert contival <dcontival@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 5:03 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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delbert contival  
3885 Waha Rd.  
Kalaheo, HI 96741

## EEPttestimony

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From: Yumiko Bamba <ybamba@earthlink.net>  
Sent: Saturday, February 06, 2016 5:00 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Yumiko Bamba  
PO Box 105  
HAKALAU, HI 96710

## EEPttestimony

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From: Puanani Rogers <rangien2010@yahoo.com>  
Sent: Saturday, February 06, 2016 4:59 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Puanani Rogers  
4702 Mailihuna Road  
Kapaa, HI 96746

## EEPttestimony

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From: Richard Conrad <rconrad999@hawaii.rr.com>  
Sent: Saturday, February 06, 2016 4:42 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Richard Conrad  
84-1330 Mauna'olu St  
Waianae, HI 96792

## EEPtestimony

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From: stone willow <roamtheearth@yahoo.com>  
Sent: Saturday, February 06, 2016 4:42 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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stone willow  
government main road  
honomu, HI 96728



## EEPttestimony

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From: Jamie Louis <jlouis@hawaii.edu>  
Sent: Saturday, February 06, 2016 4:51 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Jamie Louis  
PO Box 269  
Pearl City, HI 96782

## EEPttestimony

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From: Cheryl Sterling <reefgirlmaui@hotmail.com>  
Sent: Sunday, February 07, 2016 12:40 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

Cheryl Sterling  
2020 Main Street #505  
Wailuku, HI 96793

## EEPttestimony

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From: Martin Carvalho <Upcountrygardensnursery@yahoo.com>  
Sent: Sunday, February 07, 2016 11:04 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Martin Carvalho  
75-5816 Lupa place  
Kailua kona, HI 96740

## EEPttestimony

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From: WILLIAM MEYERS <wrmeyerscoinc@gmail.com>  
Sent: Sunday, February 07, 2016 11:02 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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WILLIAM MEYERS  
1523 kamehameiki road  
kula, HI 96790

## EEPttestimony

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From: Jacob Kimi <Jacob.kkona@hotmail.com>  
Sent: Sunday, February 07, 2016 11:02 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Jacob Kimi  
75-5816 Lupa place  
Kailua kona, HI 96740

## EEPttestimony

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From: Mary Higgins <enlivenyourspirit@yahoo.com>  
Sent: Sunday, February 07, 2016 10:59 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Mary Higgins  
pobox 791871  
Paia, HI 96779

## EEPttestimony

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From: Robin Temple <rtemple@hotmail.com>  
Sent: Sunday, February 07, 2016 10:57 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Robin Temple  
HC1 Box 5269  
Keaau, HI 96749

## EEPtestimony

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From: Dennis O'Shea <oshea606@gmail.com>  
Sent: Sunday, February 07, 2016 10:40 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

Stop putting Monsanto & Dow's profits before your constituents health.

I am writing to urge your strong support of HB 2564. 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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Dennis O'Shea  
P.O. Box 11107  
Lahaina, HI 96761



## EEPtestimony

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From: Aimee Lipat <aimeelipat@Yahoo.com>  
Sent: Sunday, February 07, 2016 10:28 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Aimee Lipat  
44-108 Ikeanani Dr  
Kaneohe, HI 96744

## EEPttestimony

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From: Pete Wilson <perhansahi@gmail.com>  
Sent: Sunday, February 07, 2016 10:14 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Pete Wilson  
13-927 Kahukai Street  
Pahoa, HI 96778

## EEPttestimony

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From: Roanne LeBrun <rlebrun@hawaii.rr.com>  
Sent: Sunday, February 07, 2016 9:29 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Roanne LeBrun  
15-405 Puni Makai Loop S.  
Pahoa, HI 96778

## EEPttestimony

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From: Brian Emmons <brimohi@msn.com>  
Sent: Sunday, February 07, 2016 9:47 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Brian Emmons  
1755 Waiola St  
Honolulu, HI 96826

## EEPttestimony

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From: Keith Krueger <dcavebear@gmail.com>  
Sent: Sunday, February 07, 2016 8:55 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Keith Krueger  
POBox 61038  
Honolulu, HI 96839

## EEPttestimony

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From: Gregg Kravitz <Greggbkravitz@gmail.com>  
Sent: Sunday, February 07, 2016 8:43 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Gregg Kravitz  
4009 Kaikio'ewa Place  
Princeville, HI 96722

## EEPttestimony

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From: Nicole Carey <nicolehana629@yahoo.com>  
Sent: Sunday, February 07, 2016 8:25 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Nicole Carey  
67-341 Kaliuna st.  
Waialua, HI 96791

## EEPttestimony

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From: Ann Evans <mauimagic5711@hotmail.com>  
Sent: Sunday, February 07, 2016 8:14 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Ann Evans  
Makani Rd  
Makawao, HI 96768



## EEPttestimony

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From: Rexann Dubie <dubielsdesign@hotmail.com>  
Sent: Sunday, February 07, 2016 8:11 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Rexann Dubie  
59-171 A Ke Nui  
Haleiwa, HI 96712

## EEPttestimony

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From: Danielle Spitz <dspitzrealtor@gmail.com>  
Sent: Sunday, February 07, 2016 8:04 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Danielle Spitz  
75-638 Kula Kai Place  
Kailua-Kona, HI 96740

## EEPtestimony

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From: Gregory Gatchell <greggatchell@hotmail.com>  
Sent: Sunday, February 07, 2016 7:08 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Gregory Gatchell  
445 seaside avenue  
Honolulu, HI 96815

## EEPttestimony

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From: Thomas Davey <doubleohdreadlocks@yahoo.com>  
Sent: Sunday, February 07, 2016 6:55 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Thomas Davey  
4915 Hauaala Rd  
Kapaa, HI 96746

## EEPttestimony

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From: Marylei Drake <konadrakes@hawaii.rr.com>  
Sent: Sunday, February 07, 2016 6:47 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Marylei Drake  
76-277E. Royal Poinciana Pl.  
Kailua-Kona, HI 96740

## EEPtestimony

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From: Misha Kassel <Mkassel137@yahoo.com>  
Sent: Sunday, February 07, 2016 6:35 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

Hello my name is Misha Kassel, I'm a local emergency medicine physician, an organic gardener by hobby. The more I have researched gmo's and pesticides the scarier they are for human and environmental health. I am writing to urge your strong support of HB 2564. 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.

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 2564 and protect our keiki. Thank you for your time.

Misha Kassel  
2428 Sonoma st  
Honolulu, HI 96822

## EEPttestimony

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From: Diane Echerri <Ladydiisalive@gmail.com>  
Sent: Sunday, February 07, 2016 6:16 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Diane Echerri  
110 Pualu Pl  
Lahaina, HI 96761

## EEPttestimony

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From: Allegea Love <allegralove11@gmail.com>  
Sent: Sunday, February 07, 2016 6:02 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Allegea Love  
Keonekai  
Kihei, HI 96753



## EEPttestimony

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From: Levie Yamazaki-Gray <leviegray@yahoo.com>  
Sent: Sunday, February 07, 2016 3:23 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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As A retired School Psychologist and Licensed Mental Health Counselor, I have also read a number of studies showing possible links between pesticide exposure and autism and learning disabilities. I have read no convincing evidence showing this pesticide used to be safe. If you care about our keiki, the choice is clear. Even if you just care about the money society can save in the long run, on education efficiency and productivity and reduced health care costs this is a no-brainer.

I recently also read a related study that showed increased levels of glyphosate the chemical in Round- up in honey tested on Kauai. THis also suggests that these chemicals travel much more than their labels suggest. I do not believe that these companies are doing enough to manage the use of their products adequately to ensure public health and I think as a result, we need laws to protect us and especially our children!!!

Levie Yamazaki-Gray  
P.O. Box 1046  
Kaunakakai, HI 96748

## EEPttestimony

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From: HAL Milton <Hal99992001@Gmail.Com>  
Sent: Sunday, February 07, 2016 2:17 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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HAL Milton  
54-396 Union Mill Rd  
KAPAAU, HI 96755

## EEPttestimony

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From: Janet Pappas <jpappas60@gmail.com>  
Sent: Sunday, February 07, 2016 10:07 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Janet Pappas  
98-1287 Akaaka St  
Aiea, HI 96701

## EEPttestimony

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From: Maria A. Maitino <mmaitino@gmail.com>  
Sent: Sunday, February 07, 2016 9:01 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Maria A. Maitino  
PO Box 1097  
Kilauea, HI 96754

## EEPttestimony

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From: Alapai Kauila <alapaikaulia@gmail.com>  
Sent: Sunday, February 07, 2016 9:14 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Alapai Kauila  
Po box 852  
Kailua kona, HI 96740

## EEPttestimony

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From: david sutton <malamaourworld@gmail.com>  
Sent: Sunday, February 07, 2016 8:58 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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david sutton  
PO Box 1159  
Kilauea, HI 96754

## EEPttestimony

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From: Teresa Goliszewska <arle6@hotmail.com>  
Sent: Sunday, February 07, 2016 8:49 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Teresa Goliszewska  
350 Ward St # 106-145  
Honolulu, HI 96814

## EEPttestimony

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From: Tiana Scott <Tsscott2012@gmail.com>  
Sent: Sunday, February 07, 2016 8:41 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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 re generative vegetative buffer zones around five schools across the State.

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Tiana Scott  
5095 Napilihau St.,109b  
Lahaina, HI 96761



## EEPttestimony

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From: Gary Johnson <orchids\_7@hotmail.com>  
Sent: Sunday, February 07, 2016 8:37 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Gary Johnson  
355 Aoloa St.  
Kailua, HI 96734

## EEPttestimony

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From: Noreen Dougherty <montessorihale@gmail.com>  
Sent: Sunday, February 07, 2016 8:33 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Noreen Dougherty  
4664 Apopo Rd  
Kapaa, HI 96746

## EEPttestimony

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From: Joli Johnston <jolijohnston@hotmail.com>  
Sent: Sunday, February 07, 2016 8:22 PM  
To: EEPttestimony  
Subject: Support HB 2574 being heard by EEP on 2/4 at 8 AM

Aloha Chair Lee, Vice Chair Lowen and esteemed members of the House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2574. This bill requires that the state protect our keiki's health by requiring pesticide disclosure for large-scale, outdoor commercial agricultural operations, and public notification for pesticides applied around schools, healthcare facilities, child care facilities, elder care facilities, and other environmentally-sensitive areas.

I am deeply concerned by the long-term adverse health impacts of pesticide application and pesticide drift on the children of Hawai'i. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to restricted used pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, leukemia, and asthma.

Children in Hawai'i, especially those living in rural areas, are at heightened risk for exposure to pesticides applied by large-scale agricultural operations in their communities. The intensive use of highly toxic restricted-use pesticides by agrichemical companies in the state is evinced by data from the "Kaua'i Agricultural Good Neighbor Program," a voluntary pesticide disclosure program in the County of Kaua'i.

Program data reports that, between December 2013 to Augusts 2015, a total application of 4,018.51 gallons and 2,389.86 pounds of concentrated Restricted Use Pesticides on Kaua'i, by the five participating companies (Syngenta, Pioneer (Dupont), Dow AgroSciences, BASF and Kaua'i Coffee). Information regarding the locations of where these pesticides are applied is not reported by this program .

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. Although the "Kaua'i Agricultural Good Neighbor Program" was established to allow companies to voluntarily disclose pesticide application, this program is an unreliable compromise to mandatory disclosure. The data is not verified which leads to uncertainty at the validity of reporting.

Please give us a chance to protect our keiki. I urge you to support HB 2574. Thank you kindly for considering my testimony in strong support of the measure.

Joli Johnston  
59-001 Holawas St  
Haleiwa, HI 96712

## EEPttestimony

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From: Peter Kalawaia Moore <peterm@hawaii.edu>  
Sent: Sunday, February 07, 2016 7:35 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Peter Kalawaia Moore  
1991 10th Avenue  
Honolulu, HI 96816

## EEPttestimony

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From: Denise Hennig <den@aloha.net>  
Sent: Sunday, February 07, 2016 7:32 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Denise Hennig  
P.O. Box 630098  
Lanai City, HI 96763

## EEPttestimony

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From: Cherub Silverstein <Cherubbliss@hotmail.com>  
Sent: Sunday, February 07, 2016 6:03 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Cherub Silverstein  
1465 Waianuenue Ave  
Hilo, HI 96720

## EEPttestimony

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From: Lyn Howe <lynhowe1946@yahoo.com>  
Sent: Sunday, February 07, 2016 5:42 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Lyn Howe  
14-3520 Government beach Rd  
Pahoa, HI 96778

## EEPttestimony

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From: Laura Mo <momo.modus@gmail.com>  
Sent: Sunday, February 07, 2016 5:37 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Laura Mo  
3627 Likini St  
Honolulu, HI 96818



## EEPtestimony

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From: Ernest Jepson <scottspalapa@yahoo.com>  
Sent: Sunday, February 07, 2016 4:46 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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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 2564 and protect our keiki. Thank you for your time.

Ernest Jepson  
PO Box 724  
Kihei, HI 96753

## EEPttestimony

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From: Richard Reed <ricoterrimyrna@gmail.com>  
Sent: Sunday, February 07, 2016 4:31 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Richard Reed  
P O Box 178  
Hakalau, HI 96710

## EEPttestimony

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From: Fay Jacinto <secretgarden9@outlook.com>  
Sent: Sunday, February 07, 2016 4:26 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Fay Jacinto  
152 Hokai Place  
Kihei, HI 96753

## EEPttestimony

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From: Elif Beall <elif.beall@gmail.com>  
Sent: Sunday, February 07, 2016 4:24 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Elif Beall  
PO Box 1304  
Kilauea, HI 96754

## EEPttestimony

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From: Michele Nihipali <nihipalim001@hawaii.rr.com>  
Sent: Sunday, February 07, 2016 2:44 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Michele Nihipali  
54-074 Kamehameha Hwy. # A  
Hauula, HI 96717

## EEPttestimony

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From: Sheryl Samuel <haysamsongs@gmail.com>  
Sent: Sunday, February 07, 2016 2:31 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Sheryl Samuel  
47-4562 Waipio Rd  
Honokaa, HI 96727

## EEPttestimony

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From: Heather Salmon <HeatherLSalmon@gmail.com>  
Sent: Sunday, February 07, 2016 2:28 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Heather Salmon  
23 Door of Faith Road  
Huelo, HI 96708

## EEPttestimony

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From: Danya Hakeem <dhakeem@centerforfoodsafety.org>  
Sent: Sunday, February 07, 2016 2:24 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Danya Hakeem  
743 18th Ave  
Honolulu, HI 96816



## EEPtestimony

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From: William Navran <willsilver@hawaii.rr.com>  
Sent: Sunday, February 07, 2016 1:31 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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William Navran  
1135 Makawao Ave.  
Makawao, HI 96768

## EEPttestimony

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From: teri tico <haenagirl@gmail.com>  
Sent: Sunday, February 07, 2016 1:12 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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teri tico  
52 paukaa  
HI, HI 96720

## EEPttestimony

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From: Rebecca Sydney <bexter@maui.net>  
Sent: Sunday, February 07, 2016 12:56 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Rebecca Sydney  
980 Olinda Rd.  
Makawo, HI 96768

## EEPttestimony

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From: d.c. hove <dchove57@gmail.com>  
Sent: Sunday, February 07, 2016 1:06 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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d.c. hove  
91-1014 mikohu st.  
ewa beach, hi 96706, HI 96706

## EEPtestimony

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From: Edgar Espero <edgarespero@gmail.com>  
Sent: Monday, February 08, 2016 10:21 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Edgar Espero  
91-944 Waihua PL  
Ewa Beach, HI 96706

## EEPttestimony

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From: Trina Kalanikau <tlk8@hawaii.edu>  
Sent: Monday, February 08, 2016 9:53 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Trina Kalanikau  
682 Pohala St  
Wailuku, HI 96793

## EEPttestimony

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From: Anna Santoro <anna.santoro@gmail.com>  
Sent: Monday, February 08, 2016 9:42 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Anna Santoro  
59-215 KE Nui Rd  
Haleiwa, HI 96712

## EEPttestimony

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From: Michele McKay <michele@downtoearth.org>  
Sent: Monday, February 08, 2016 9:33 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Michele McKay  
1307 NW Saginaw  
Honolulu, HI 97701



## EEPttestimony

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From: Karen Stokely <imaginekrs@yahoo.com>  
Sent: Monday, February 08, 2016 9:39 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Karen Stokely  
59-032 Kam Hwy.  
Hale'iwa, HI 96712

## EEPttestimony

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From: Brady townsend <Kilkertiller909@yahoo.com>  
Sent: Monday, February 08, 2016 9:09 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Brady townsend  
Lanikai  
haiku, HI 96708

## EEPttestimony

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From: Autumn ness <autumnness@yahoo.com>  
Sent: Monday, February 08, 2016 9:12 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Autumn ness  
75 namaau pl  
kihei, HI 96753

## EEPttestimony

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From: Dominique Kendron <furloughed\_teacher@yahoo.com>  
Sent: Monday, February 08, 2016 8:48 AM  
To: EEPttestimony  
Subject: Support HB 2574 being heard by EEP on 2/4 at 8 AM

Aloha Chair Lee, Vice Chair Lowen and esteemed members of the House Committee on Energy & Environmental Protection,

I am writing to urge your strong support of HB 2574. This bill requires that the state protect our keiki's health by requiring pesticide disclosure for large-scale, outdoor commercial agricultural operations, and public notification for pesticides applied around schools, healthcare facilities, child care facilities, elder care facilities, and other environmentally-sensitive areas.

I am deeply concerned by the long-term adverse health impacts of pesticide application and pesticide drift on the children of Hawai'i. According to a 2012 report by the American Academy of Pediatrics (AAP) entitled "Pesticide Exposure in Children," children exposed to chronic, low-level exposure to restricted used pesticides are at a risk of neurodevelopmental disabilities like autism and ADHD, leukemia, and asthma.

Children in Hawai'i, especially those living in rural areas, are at heightened risk for exposure to pesticides applied by large-scale agricultural operations in their communities. The intensive use of highly toxic restricted-use pesticides by agrichemical companies in the state is evinced by data from the "Kaua'i Agricultural Good Neighbor Program," a voluntary pesticide disclosure program in the County of Kaua'i.

Program data reports that, between December 2013 to Augusts 2015, a total application of 4,018.51 gallons and 2,389.86 pounds of concentrated Restricted Use Pesticides on Kaua'i, by the five participating companies (Syngenta, Pioneer (Dupont), Dow AgroSciences, BASF and Kaua'i Coffee). Information regarding the locations of where these pesticides are applied is not reported by this program .

Advanced notification disclosing pesticide use would give the school officials a chance to close windows and even move class locations to avoid direct drift contact. Although the "Kaua'i Agricultural Good Neighbor Program" was established to allow companies to voluntarily disclose pesticide application, this program is an unreliable compromise to mandatory disclosure. The data is not verified which leads to uncertainty at the validity of reporting.

Please give us a chance to protect our keiki. I urge you to support HB 2574. Thank you kindly for considering my testimony in strong support of the measure.

Dominique Kendron  
PO Box 1022  
Naalehu, HI 96772

## EEPttestimony

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From: Scott allen <sacredspacela@gmail.com>  
Sent: Monday, February 08, 2016 8:37 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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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.

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 2564 and protect our keiki. Thank you for your time.

Scott allen  
1231 N June St  
Los Angeles, CA 90038

## EEPtestimony

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From: cora grether <coraflora@live.com>  
Sent: Monday, February 08, 2016 8:32 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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cora grether  
80 haele pl.  
makawao, HI 96768

## EEPtestimony

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From: PAULINE MENA <Polina3733@aol.com>  
Sent: Monday, February 08, 2016 8:25 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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PAULINE MENA  
896 Paniolo Place  
Makawao, HI 96768

## EEPttestimony

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From: Myrica Morningstar <myricabliss@gmail.com>  
Sent: Monday, February 08, 2016 8:29 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Myrica Morningstar  
PO Box 1019  
Kilauea, HI 96754



## EEPttestimony

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From: Andrea Anixt <andreapeatmoss@gmail.com>  
Sent: Monday, February 08, 2016 8:15 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Andrea Anixt  
P O Box 646  
Ka'a'awa, HI 96730

## EEPttestimony

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From: Kim Fallas <Kifallas@msn.com>  
Sent: Monday, February 08, 2016 7:58 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Kim Fallas  
67180 Kanoena St.  
Waialua, HI 96791

## EEPTestimony

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From: Leilani Lindsey-Kaapuni <lkaapuni@gmail.com>  
Sent: Monday, February 08, 2016 7:59 AM  
To: EEPTestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Leilani Lindsey-Kaapuni  
Hilo  
Hilo, HI 96720

## EEPttestimony

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From: Nicole Parlow <nikiparlowevents@gmail.com>  
Sent: Monday, February 08, 2016 8:05 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Nicole Parlow  
59-063 Hoalua St.  
Haleiwa, HI 96712

## EEPttestimony

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From: Nichole Awong <nicki808cast@gmail.com>  
Sent: Monday, February 08, 2016 7:46 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Nichole Awong  
911532 hapaiko street  
Ewa Beach, HI 96706

## EEPttestimony

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From: Courtney Bruch <lotuslover@hotmail.com>  
Sent: Monday, February 08, 2016 7:28 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Courtney Bruch  
POB 735  
makawao, HI 96868

## EEPttestimony

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From: Shannon Rudolph <shannonkona@gmail.com>  
Sent: Monday, February 08, 2016 7:25 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Shannon Rudolph  
P. O. 243  
Holualoa, HI 96725

## EEPttestimony

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From: Hilary Barsby <hilary.barsby@gmail.com>  
Sent: Monday, February 08, 2016 7:02 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Hilary Barsby  
263 Keonekai Rd  
Kihei, HI 96753



## EEPtestimony

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From: Sharon Ebbo <madmanfunnies@gmail.com>  
Sent: Monday, February 08, 2016 6:27 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Sharon Ebbo  
4904 162nd Ct NE  
REDMOND, WA 98052

## EEPttestimony

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From: Luan Le <luanvanle@earthlink.net>  
Sent: Monday, February 08, 2016 5:36 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Luan Le  
3411 Shea Ct  
Arlington, TX 76014

## EEPttestimony

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From: Walter Ritte <rittew@hotmail.com>  
Sent: Monday, February 08, 2016 5:13 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Walter Ritte  
p o box 486  
Kaunakakai, HI 96748

## EEPttestimony

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From: Steve Warner <SWarner412@yahoo.com>  
Sent: Monday, February 08, 2016 4:04 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Steve Warner  
9931 Lurline Ave  
Chatsworth, CA 91311

## EEPttestimony

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From: Colleen Chapman <Collardgreen@gmail.com>  
Sent: Monday, February 08, 2016 3:58 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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.

\*\*\*This affects me personally. My home and my children's school are within a mile of GMO test fields. Soon after giving birth last year, I contacted DuPont Pioneer to ask about pesticide use. I was told that chlorpyrifos was sprayed during my pregnancy. In light of recent studies, (<http://www.ucdmc.ucdavis.edu/publish/news/newsroom/8978>), I am deeply concerned. I know families in nearby neighborhoods whose children have autism and developmental delays. We can't turn a blind eye to the scientific reality that pesticide drift has dire consequences. Thankfully, we can mitigate the problem by first requiring buffer zones. It's the first step to protecting the most vulnerable - the next generation. We can't wait any longer for health effects to become so drastic that it warrants bans. The time is now.\*\*\*

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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Colleen Chapman  
67-427 Kekauwa St.  
Waialua, HI 96791

## EEPttestimony

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From: Andrea Schmitt <andreaschmitt@msn.com>  
Sent: Monday, February 08, 2016 1:12 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Andrea Schmitt  
27 Heona Pl  
Kihei, HI 96753

## EEPttestimony

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From: Stanley Koga <Sk96815@outlook.com>  
Sent: Monday, February 08, 2016 1:05 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Stanley Koga  
2345 Ala Wai Blvd. 1417  
Honolulu, HI 96815

## EEPttestimony

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From: Angeline Zhou <azhou16@punahou.edu>  
Sent: Monday, February 08, 2016 12:30 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Angeline Zhou  
829 11 Avenue  
Honolulu, HI 96816



## EEPttestimony

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From: Javier Mendez <mendezj@hawaii.edu>  
Sent: Monday, February 08, 2016 12:25 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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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.

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 2564 and protect our keiki. Thank you for your time.

Javier Mendez  
1326B Alewa Dr.  
Honolulu, HI 96817

## EEPttestimony

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From: Gretchen Losano <gleisenring@gmail.com>  
Sent: Monday, February 08, 2016 12:23 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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 **Gretchen Losano** 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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Gretchen Losano  
pmb#162 5095 Napilihau st. 109B  
lahaina, HI 96761

## EEPttestimony

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From: Elizabeth Pu'u <lizrandazzo3@gmail.com>  
Sent: Monday, February 08, 2016 12:09 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Elizabeth Pu'u  
3424 cherry Lane Unit C  
Woodbury, MN 55129

## EEPttestimony

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From: Kelly Wadlegger <kwadlegger@hotmail.com>  
Sent: Monday, February 08, 2016 12:05 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Kelly Wadlegger  
4020 Lurline Driv  
Honolulu, HI 96816

## EEPttestimony

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From: Mary Lane <marylane5093@yahoo.com>  
Sent: Monday, February 08, 2016 11:47 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Mary Lane  
PO Box 791294  
Paia, HI 96779

## EEPttestimony

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From: brian murphy <bmurphy420@mail.com>  
Sent: Monday, February 08, 2016 11:41 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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brian murphy  
PO BOX 322  
Puunene, HI 96784

## EEPttestimony

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From: Amanda Corby <aacorby@gmail.com>  
Sent: Monday, February 08, 2016 11:38 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Amanda Corby  
PO Box 61676  
Honolulu, HI 96839

## EEPttestimony

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From: Nastassia Hill <nastassia\_hill@yahoo.com>  
Sent: Monday, February 08, 2016 11:22 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Nastassia Hill  
P. O. Box 383572  
Waikoloa, HI 96738



## EEPttestimony

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From: Bridget Slevin <bridgettravels@gmail.com>  
Sent: Monday, February 08, 2016 11:08 AM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Bridget Slevin  
6123 N Mandalay Dr  
Peoria, IL 61614

## EEPtestimony

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From: James Robinson <jdr4282@gmail.com>  
Sent: Monday, February 08, 2016 10:52 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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 re generative vegetative buffer zones around five schools across the State.

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James Robinson  
6717 N Concord Ave  
Portland, OR 97217

## EEPttestimony

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From: TROY ABRAHAM <tabraham08@gmail.com>  
Sent: Monday, February 08, 2016 10:26 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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TROY ABRAHAM  
485 Waiuanue Ave Apt B114  
Hilo, HI 96720

## EEPtestimony

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From: Ellie Rae <Ellierae808@gmail.com>  
Sent: Monday, February 08, 2016 12:19 AM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Ellie Rae  
Waiko road  
Puunene, HI 96793

## EEPttestimony

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From: Pat Gegen <psgegen@hotmail.com>  
Sent: Sunday, February 07, 2016 11:52 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

I am writing to urge your strong support of HB 2564. 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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Pat Gegen  
4015 Waha Rd  
Kalaheo, HI 96741

## EEPttestimony

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From: Katherine Lahey <kativasti@gmail.com>  
Sent: Sunday, February 07, 2016 11:51 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Katherine Lahey  
54-5576 Pawai Place #354  
Kailua-Kona, HI 96740

## EEPttestimony

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From: Astrid Watanabe <rustysfarm@hawaiiantel.net>  
Sent: Sunday, February 07, 2016 11:41 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Astrid Watanabe  
2618 Pololei Pl  
Haiku, HI 96708

## EEPttestimony

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From: Leslie Wingate <lesliewingate7@gmail.com>  
Sent: Sunday, February 07, 2016 10:54 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Leslie Wingate  
PO Box 81  
Pahoa, HI 96778



## EEPttestimony

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From: James Lee <jamesj@james-barry.net>  
Sent: Monday, February 08, 2016 1:20 PM  
To: EEPtestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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James Lee  
3136 South Kihei Road  
Kihei, HI 96753

## EEPttestimony

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From: Brandon Lund <blund73@yahoo.com>  
Sent: Monday, February 08, 2016 1:36 PM  
To: EEPttestimony  
Subject: In Support of HB 2564 being heard by AGR/EEP on 02-09-16 at 8:30 AM

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Brandon Lund  
Mapu pl  
Kihei, HI 96753