

DAVID Y. IGE
Governor

JOSH GREEN
Lt. Governor



PHYLLIS SHIMABUKURO-GEISER
Chairperson, Board of Agriculture

MORRIS M. ATTA
Deputy to the Chairperson

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

**TESTIMONY OF PHYLLIS SHIMABUKURO-GEISER
CHAIRPERSON, BOARD OF AGRICULTURE**

BEFORE THE HOUSE COMMITTEE ON AGRICULTURE

**FEBRUARY 5, 2020
9:15 A.M.
CONFERENCE ROOM 312**

**HOUSE BILL NO. 1665
RELATING TO HEALTH**

Chairperson Creagan and Members of the Committee:

Thank you for the opportunity to testify on House Bill 1665, relating to health. This bill prohibits the use of glyphosate-based pesticides in the State. The Department offers these comments.

Glyphosate is a general use pesticide, available from hundreds of retail locations in Hawaii and countless online distributors. There are currently about 200 products licensed for sale in Hawaii with glyphosate as an active ingredient. Regulation of all pesticides comes under the enforcement authority of the Department's Pesticides Branch. In executing this enforcement authority, the Department is aligned with the US Environmental Protection Agency through a Cooperative Agreement with the EPA which allows the Department to regulate all pesticides that are associated with Federal and State laws.

On January 31, 2020 EPA announced that it had concluded its regulatory review of glyphosate which is the most widely used herbicide in the United States. After a thorough review of the best available science, as required under the Federal Insecticide, Fungicide, and Rodenticide Act, EPA concluded that there are no risks of concern to

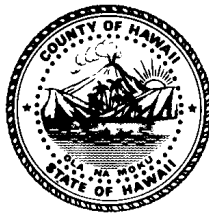


human health when glyphosate is used according to label directions and that it is not a carcinogen. The findings on human health risk are consistent with the conclusions of science reviews by many other countries and other federal agencies, including the U.S. Department of Agriculture, the Canadian Pest Management Regulatory Agency, the Australian Pesticide and Veterinary Medicines Authority, the European Food Safety Authority, and the German Federal Institute for Occupational Safety and Health. The EPA is requiring additional mitigation measures to help farmers target pesticide sprays to the intended pest and reduce the problem of increasing glyphosate resistance in weeds.

In coming to its conclusion regarding the human health risk of glyphosate, EPA reviewed thousands of studies since the initial registration of the product in the 1970s. Glyphosate is used on more than 100 food crops, including glyphosate-resistant corn, soybean, cotton, canola, and sugar beet. It is the leading herbicide for the management of invasive and noxious weeds and is used to manage pastures, rangeland, rights of way, forests, public land, and residential areas. It is an invaluable tool when used to control invasive species such as *Albizia*, *Falcataria moluccana*, where they have taken over native forests and become hazardous to electrical transmission wires in residential areas. In addition, glyphosate has low residual soil toxicity and helps retain no-till and low-till farming operations that reduce the risk of runoff into all surface water bodies. In considering this bill, the Department respectfully asks that the committee members weigh the known benefits of glyphosate product use against the science-based assessments of risks when deliberating on this matter.

Thank you for the opportunity to testify on this measure.

REBECCA VILLEGAS
Council Member
District 7, Central Kona



PHONE: (808) 323-4267
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EMAIL: Rebecca.villegas@hawaiicounty.gov

HAWAI'I COUNTY COUNCIL

*West Hawai'i Civic Center, Bldg. A
74-5044 Ane Keohokalole Hwy.
Kailua-Kona, Hawai'i 96740*

January 27, 2020

TESTIMONY OF REBECCA VILLEGAS COUNCIL MEMBER, HAWAI'I COUNTY COUNCIL ON HB 1665, RELATING TO HEALTH

Committee on Agriculture
Wednesday, February 5, 2020
9:15 a.m.
Conference Room 312

Aloha Chair Creagan, and Members of the Committee:

I thank you for the opportunity to testify in support of HB 1665, relating to health. My testimony I submitted in my individual capacity as a member of the Hawai'i County Council and Chair of the Hawai'i County Council Public Safety Committee.

The purpose of this measure is to prohibit the use of glyphosate based pesticides in the State based on the substantial risk glyphosate poses to human health. Glyphosate based pesticides including Bayer Ag's Roundup, have been linked to increased risks of leukemia and non-hodgkin's lymphoma. The World Health Organization International Agency for cancer research declared glyphosate a probable human carcinogen. Juries have awarded several multimillion and one multibillion judgments against Monsanto and Bayer Ag. Multiple court rulings have held that Monsanto was aware of the substantial health risks of glyphosate and that the company failed to warn consumers. Prohibiting the use of glyphosate based pesticides in the State of Hawai'i will allow us to provide protection to the general public.

For the reasons stated above I urge the House Committee on Agriculture to support this measure as well. Should you have any questions, please feel free to contact me at (808) 323-4267.

Mahalo for your consideration.

A handwritten signature in black ink, appearing to read "Rebecca Villegas".

Rebecca Villegas
Council Member, Hawai'i County Council



Hawaii Cattlemen's Council, Inc.

COMMITTEE ON AGRICULTURE

Rep. Richard P. Creagan, Chair

Rep. Lynn DeCoite, Vice Chair

HB1665

Prohibits the use of any pesticide containing glyphosate as an active ingredient.

Wednesday, February 5, 2020, 9:15 a.m.

Conference Room 312, State Capitol

415 South Beretania Street

Chair Creagan, Vice Chair DeCoite, and Members of the Committee on Agriculture,

My name is Nicole Galase and I am the Managing Director for the Hawaii Cattlemen's Council. We are writing to **oppose HB1665**. HCC is committed to supporting our civic leaders promote a coherent state-wide policy for sustainable development. Using the 17 United Nations Sustainable Development Goals as a framework, we advocate policy that; increases local food production to promote food security, protects agricultural lands, promotes carbon neutrality, models sustainable land use, protects our watersheds, supports long-term stable employment that embraces technology and innovation, contributes to the health and well-being of the community, and encourages public, private and civic partnerships.

In regard to herbicide use, the ranching community in Hawaii is aligned with all businesses and agencies that use these products. In all cases, we strive to minimize the use of herbicides but need to protect the right to use them. In the ranching community, we go to great lengths to ensure that all products are used pursuant to federal and state guidelines, are stored properly, and employees are trained on a regular basis in regard to safety and mitigating any effect on neighboring properties.

We **oppose HB1665** and appreciate the opportunity to comment on this issue.



HB-1665

Submitted on: 2/3/2020 6:00:39 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

Please support this critically important state wide band of glyphosate bans due it's high toxicity to all living beings, ocean and ground water contamination.

Mahalo,

Dr. Bonnie Marsh



**House Committee on Agriculture
Hawai'i Center for Food Safety strongly supports: HB1665**

Aloha Chair Creagan, Vice Chair Decoite, and members of the committee,

My name is Lauryn Rego and I am the Director for the Hawai'i Center for Food Safety (CFS). CFS is a nationwide public interest, sustainable agriculture nonprofit organization whose missions include the promotion of agricultural production methods that are beneficial to the ecosystem. We have over 950,000 farmer and consumer members across the country, including nearly 14,000 in Hawai'i. On behalf of CFS and our members, I thank you for the opportunity to submit testimony today regarding this important bill.

CFS has been dedicated to addressing the human health and environmental impacts of our increased reliance on pesticide use in food production, both in the State of Hawai'i and nationally. We were instrumental in providing legal and communications support in the passage of numerous ordinances relating to pesticide use and disclosure, including Act 45 (Session Laws of Hawai'i 2018), which banned the use of the toxic pesticide chlorpyrifos throughout the State.

I am writing in strong support of HB1665, which bans the use of any pesticide containing glyphosate as an active ingredient.

As noted in the findings of HB1665, glyphosate has been linked with numerous health risks, including the risks of leukemia and non-Hodgkin's lymphoma. The world's leading cancer authority on cancer, the International Agency for Research on Cancer, a division of the World Health Organization, unanimously concluded that glyphosate is a probable carcinogen. The International Agency for Research on Cancer's determination was based on a rigorous assessment that concluded that there is sufficient evidence of carcinogenicity in experimental animals.

In addition to its significant public health risks, glyphosate is also incredibly toxic to species and the environment. The increased use of glyphosate in genetically engineered agriculture has resulted in the rapid development and proliferation of previously unknown herbicide-tolerant superweeds. As more crops are genetically engineered to resist glyphosate, glyphosate use and resistance in weeds both increase. Superweeds threaten to overtake the habitat of native flora and fauna in uncultivated lands and force farmers and land managers to use increasingly toxic and expensive herbicides, which further exacerbates the environmental and health-related impacts of the herbicide. The increased use of glyphosate-based herbicides with glyphosate-

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resistant crops has substantial environmental impacts, including reduced biodiversity, the loss of milkweed (a plant that the monarch butterfly relies on, which has caused a steady decline in monarch butterfly populations), and potential impacts to water and aquatic life, such as amphibians.

Numerous jurisdictions have taken actions to ban or restrict the use of glyphosate in light of these significant health and environment risks. For example, the State of California has listed glyphosate as a possible carcinogen under the State's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65), which requires the State of California to publish chemicals known to cause cancer or birth defects or other reproductive harms. Countless municipalities across the United States have restricted or banned the use of glyphosate herbicides within their localities. The science and facts are clear – Hawai'i must act now to get rid of this toxic chemical.

The people of Hawai'i have the right to decide that the risks associated with glyphosate is unacceptable. Simply put, glyphosate has no place in Hawai'i. I urge you to vote in support of HB1665.

Thank you for considering my testimony in strong support of this important bill.

Respectfully,

A handwritten signature in black ink, appearing to read 'Lauryn Rego', is centered on a light gray rectangular background.

Lauryn Rego
Director, Hawai'i Center for Food Safety



HAWAII CROP IMPROVEMENT ASSOCIATION

Board of Directors 2018 - 2020

TESTIMONY FROM THE HAWAII CROP IMPROVEMENT ASSOCIATION

President
Joshua Uyehara

In Opposition of HB1665
RELATING TO HEALTH

Vice-President
Warren Mayberry

House Committee on Agriculture
Wednesday, February 5, 2020
House conference room 312

Secretary
Dawn Bicoy

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

Treasurer
Laurie Yoshida

Thank you for allowing the Hawaii Crop Improvement Association the opportunity to provide testimony in opposition to HB1665 which prohibits the use of any pesticide containing glyphosate as an active ingredient.

Directors-at-Large
Alan Takemoto
Mark Stoutemyer
Leslie Campaniano
Michelle Starke
Joshua Uyehara
Warren Mayberry

We understand the interest regarding glyphosate and embrace the opportunity to engage in discussions to promote transparency and education. However, this bill lays the framework for undue burden on homeowners, farmers, landscapers, pest control professionals, and County and State agencies without substantive data necessitating the question. The measure as written promotes misleading information while circumventing the appropriate regulatory authorities perpetuating a dangerous lawmaking precedent.

President Emeritus
Alan Takemoto

To begin, there is an extensive body of research on glyphosate and glyphosate-based herbicides, including more than 800 scientific studies and reviews submitted to U.S., European, and other regulators in connection with the registration process, that confirm that glyphosate and glyphosate-based formulated products can be used safely and are not carcinogenic.

For reference, the U.S. Environmental Protection Agency (EPA) evaluates and registers herbicides against a standard of reasonable certainty that the use would cause no harm to human health or the environment. To make this determination, the EPA considers how much product residue is contributed to daily intake for users and then combines it with the amount of residue consumed by other routes of exposure. These routes include food and drinking water and residues from herbicide use in residential and non-occupational environments. Relevant routes of exposure are analyzed within aggregate exposure assessments, these include the oral, dermal (absorption), and inhalation routes of exposure. Once calculated, the total consumption of residues is compared to the acceptable daily intake (ADI). The ADI for each product is set by toxicity studies that look at different effects, such as acute toxicity, chronic effects, sub-chronic effects, carcinogenicity, developmental and reproductive abnormalities, and mutagenicity.



The ADI is then set at a minimum of 100 times lower than any dose level that presented harmful toxicity, ensuring the safety of the product.

The EPA, which first assessed glyphosate in the 1974 and has reviewed it several times since, says it has low toxicity for humans and is not likely to be a carcinogen. In fact, “In January 2020, after receiving and considering public comments on the glyphosate proposed interim decision, EPA released the interim decision for registration review. As part of this action, EPA continues to find that there are no risks of concern to human health when glyphosate is used in accordance with its current label. EPA also found that glyphosate is unlikely to be a human carcinogen.”¹

Specifically, the following human health impact assessments were released:

“No risks of concern to human health from current uses of glyphosate. Glyphosate products used according to label directions do not result in risks to children or adults.

No indication that children are more sensitive to glyphosate. After evaluating numerous studies from a variety of sources, the Agency found no indication that children are more sensitive to glyphosate from in utero or post-natal exposure. As part of the human health risk assessment, the Agency evaluated all populations, including infants, children and women of child-bearing age, and found no risks of concern from ingesting food with glyphosate residues. EPA also found no risks of concern for children entering or playing on residential areas treated with glyphosate.

No evidence that glyphosate causes cancer in humans. The Agency concluded that glyphosate is not likely to be carcinogenic to humans. EPA considered a significantly more extensive and relevant dataset than the International Agency on the Research for Cancer (IARC). EPA’s database includes studies submitted to support registration of glyphosate and studies EPA identified in the open literature.

EPA considered a significantly more extensive and relevant dataset than the International Agency on the Research for Cancer (IARC). EPA’s database includes studies submitted to support registration of glyphosate and studies EPA identified in the open literature. For instance, IARC only considered eight animal carcinogenicity studies while EPA used 15 acceptable carcinogenicity studies. EPA does not agree with IARC’s conclusion that glyphosate is “probably carcinogenic to humans.”

EPA’s cancer classification is consistent with other international expert panels and regulatory authorities, including the Canadian Pest Management Regulatory Agency, Australian Pesticide

¹ <https://www.epa.gov/ingredients-used-pesticide-products/glyphosate>, United States Environmental Protection Agency, 2020.



and Veterinary Medicines Authority, European Food Safety Authority, European Chemicals Agency, German Federal Institute for Occupational Safety and Health, New Zealand Environmental Protection Authority, and the Food Safety Commission of Japan and the Joint Food and Agriculture Organization/World Health Organization (FAO/WHO) Meeting on Pesticide Residues (JMPR).”¹

In 2017, the U.S. Agricultural Health Study (AHS), which followed more than 50,000 licensed pesticide applicators, farm workers, and their spouses for more than 20 years, found no connection between glyphosate-based herbicides and cancer.

In addition to the U.S. EPA, EFSA, and ECA, other regulatory authorities in Canada, Japan, Australia, Korea and elsewhere routinely review all approved pesticide products and have consistently reaffirmed that glyphosate-based products can be used safely, and that glyphosate is not carcinogenic. In fact, glyphosate has been reviewed and approved for safe use in more than 160 countries.²³

The 2015 World Health Organization International Agency for Research on Cancer (IARC) assessment that reported glyphosate as a probable human carcinogen is an outlier study that is often misinterpreted. According to IARC, glyphosate is listed under carcinogenic classification 2A, along with red meat and very hot beverages. After IARC issued its evaluation, a joint United Nations and World Health Organization panel concluded that glyphosate was "unlikely to pose a carcinogenic risk to humans."⁴ The aforementioned IARC opinion is inconsistent with 40 years of scientific research on glyphosate and the conclusions of the U.S. EPA, the U.S. National Institutes of Health, the European Food Safety Authority, and regulators around the world.

In regard to the recent concern for residues and trace amounts of glyphosate being found in food products, the levels sometimes found in food are incredibly small and nowhere near a level of concern. Furthermore, on Oct. 2, 2018, the Food and Drug Administration (FDA) published results of its annual residue testing program and concluded “levels of pesticide residues in the U.S. food supply are well below established safety standards.” The FDA was clear that the glyphosate levels “were below the tolerance levels set by the U.S. Environmental Protection Agency (EPA).”⁵

Most pest managers use some form of Integrated Pest Management (IPM), which include using beneficial insects, mechanized assistance, and basic monitoring; applying pesticides only when necessary to keep pest populations to a minimum. A recent estimate done by the County of Maui and the County of Hawaii found that a shift from glyphosate to a product with a similar objective in these systems would result in an increase in spending unfeasible for any of their proposed

² <https://www.epa.gov/ingredients-used-pesticide-products/draft-human-health-and-ecological-risk-assessments-glyphosate>, The United States Environmental Protection Agency, 2019

³ <https://www.efsa.europa.eu/sites/default/files/170523-efsa-statement-glyphosate.pdf>, European Food Safety Authority, 2017

⁴ <https://www.who.int/foodsafety/jmprsummary2016.pdf?ua=1>, The World Health Organization, 2016.

⁵ <https://www.fda.gov/NewsEvents/Newsroom/FDAInBrief/ucm622192.htm>, The United States Food and Drug Administration, 2019



budgets. Also, the replacement product would yield subpar results; meaning, banning glyphosate would not only be unwarranted, but also financially reckless.

As in all professions, pest managers need the ability to use the correct tool for each situation. Casting unsubstantiated doubt on the necessary use of glyphosate could severely impact Hawaii's unique ecosystem by promoting breeding grounds for invasive species and detrimental pests, such as pests that carry Rat Lung Worm disease and the Little Fire Ant. The Hawaii Invasive Species Council recognized the utility of glyphosate as a tool used to control invasive plants in Hawaii for the protection of native ecosystems, agricultural production, and wildfire mitigation. In 2015, they passed Resolution 19-1 supporting the use of glyphosate to control invasive species reaffirming that curtailing the use of glyphosate for one user group will have far-reaching negative implications on Hawaii's ecosystem, and affiliated user groups. Glyphosate, like other pest control methods, is a product that helps keep Hawaii's environment and citizenry safe from invasive species and many harmful pests, both vegetative and otherwise.

We all believe that Hawaii's people and the environment that we live in are valuable assets that should be protected. However, any proposed protection must be wisely applied. Consideration of what is appropriate and safe relative to the use of glyphosate should be based on science and research. This work is best done by scientists and policymakers in a regulatory framework supported by the appropriate resources, like the EPA and Hawaii Department of Agriculture (HDOA).

We strongly urge you to consider the negative impacts and regulatory propriety before voting on this measure. Mahalo for this opportunity to testify.

Sincerely,

Emmanuel Zibakalam
Program Director, Hawaii Crop Improvement Association

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



February 4, 2020

The Honorable Richard P. Creagan, Chair
House Committee on Agriculture
Hawaii House of Representatives
Hawaii State Capitol, Room 427
Honolulu, HI 96813

RE: HB 1665 – Glyphosate Prohibition (Mizuno) Oppose

Dear Chair Creagan:

On behalf of the Western Plant Health Association (WPHA) I am submitting these comments in opposition to HB 1665 and respectfully request your **NO** vote. HB 1665 would prohibit the sale of any product that contain the active ingredient glyphosate. Glyphosate is a safe, effective and affordable tool critical to an integrated vegetation management program. By restricting the use of glyphosate HB 1665 is placing Hawaii's citizens as well as public and private properties at risk. WPHA represents the interests of fertilizer and crop protection manufacturers, agricultural retailers, and agricultural biotechnology providers in Hawaii, California and Arizona.

Local agencies use glyphosate for fire prevention, control invasive, noxious and poisonous weeds, maintain roadways, levees and other critical infrastructure, enable wildland restoration, insure worker safety, and minimize habitat for rodents and mosquitos that undermine structural integrity of infrastructure and spread human disease. Farm and ranch lands are adjacent to these roadways, water and flood control infrastructure and parks and recreation areas. If local agencies do not implement proper weed management, those lands increase fire risk, noxious weed movement, etc. that in turn require additional vegetation management practices on our private lands. In addition, it could expose our communities and working lands to greater threat of flood and fire.

Vegetation management is an important component of all Integrated Pest Management (IPM) systems. HB 1665 undermines IPM initiatives being developed or already being implemented by communities in Hawaii. It also ignores the overwhelming weight of science and other agency reviews that have examined the safety of glyphosate. Unlike the International Agency for Research on Cancer review of glyphosate, which has not been supported by scientific bodies, peer reviewed and transparent studies have determined that glyphosate is safe when used as directed by the label. Glyphosate based herbicides have a long history of use with more than

40 years on the market. When it comes to safety assessments, no other pesticide has been more extensively tested than glyphosate with more than 800 safety studies submitted to regulators.

Glyphosate has been approved for use in 160 countries. Since 2015, glyphosate has undergone additional review by independent scientific bodies in Japan, the EU, Germany, Canada, Australia, New Zealand, Korea, Brazil, as well as the US EPA, none of whom have determined it to be a carcinogen or to pose a health risk to the public.

Forcing public and private entities to move to less effective and more expensive alternative products and practices will result in more herbicide applications without any real health benefit, potentially increase Hawaii's carbon footprint by the need to make more applications of less effective products, and increase costs to local governments and private citizens as they attempt to protect their homes and open spaces from invasive weeds. As the overwhelming weight of science has found glyphosate to be safe, WPHA believes HB 1665 is unnecessary and will negatively impact IPM systems being undertaken in Hawaii. For the reasons stated in our comments, WPHA is opposed to HB 1665 and ask for your no vote. WPHA appreciates your consideration of our position and welcome any questions you may have.

Sincerely,



Renee Pinel
President/CEO

Attachment

Glyphosate Fact Sheet

Glyphosate and Its Global Uses

Glyphosate was developed in 1974 and has been used safely since that time. Over the years, various formulations have been developed and these formulations are widely used in more than 160 countries around the world by farmers, landowners, and homeowners.

- Farmers use glyphosate-based herbicides as one option to control weeds on their cropland and protect their livestock from harmful or noxious weeds.
- Municipalities can also use the herbicide to eliminate weeds, for example, around fences, waterways, railways, public rights of way, or near utility lines.
- Homeowners use glyphosate lawn and garden herbicides to kill weeds in, for example, sidewalks, driveways, or gardens.



IARC Classification of Glyphosate as a Group-2A Probable Carcinogen

The first-time glyphosate was reviewed by the International Agency for Research on Cancer (IARC), a specialized agency of WHO, was in March 2015. IARC evaluates and disseminates information on cancer risks through publications, meetings, courses, and fellowships. Of the 998 chemicals, foods, or activities that IARC has evaluated, they have only found 1 item or activity to be non-carcinogenic. **Among the other items or activities IARC has issued a finding of being carcinogenic (equal to their glyphosate finding) are bacon, spam, and coffee.**

Based on its initial review, IARC assigned a classification of “probable human carcinogen” (Group 2A) to glyphosate. However, as revealed in a Reuters investigative report released in June 2017, the researcher that the IARC had based their decision to recommend that glyphosate was “likely carcinogenic” had consciously failed to publish sections of that report that demonstrated glyphosate was not carcinogenic. Dr. Aaron Blair, a senior researcher on the report that the IARC utilized admitted that if those sections had been published so the IARC could review them, he believed the IARC would not have made the recommendation they did. This data was not new or emerging, it was available for over two years; yet Blair never submitted it for publication as part of his complete report, nor did the IARC ever request its submission for review or for publication.



International Responses and Studies to Date

A number of international and national regulatory bodies evaluate glyphosate as part of mandated periodic reviews, with virtually every other body finding glyphosate safe.

- **U.S. Environmental Protection Agency.** The U.S. EPA has assigned glyphosate the lowest cancer classification - Group E – evidence of non-carcinogenicity for humans - indicating glyphosate does

not pose a cancer risk to humans. The agency this year released the results of the most comprehensive scientific study on glyphosate conducted to date. The results confirmed no health risks were posed by glyphosate when used according to the label.

- **California.** Based on the IARC recommendation, California has listed glyphosate as a Proposition 65 chemical. **When reviewed by courts in California, the IARC recommendation was found to be so lacking scientific credibility; the court ruled that manufacturers do not have to provide that warning on labels. This decision has been upheld by the California Appeals Court.**
- **EU / German Federal Institute for Risk Assessment.** Germany—as the Rapporteur Member State for the European Union (EU)—recently concluded in its 2015 health risk assessment report to the EU that the available data does not show carcinogenic or mutagenic properties of glyphosate nor does it show that glyphosate is toxic to fertility, reproduction or embryonal/fetal development in laboratory animals.
- **WHO/FAO Joint Meeting on Pesticide Residues (JMPR).** The WHO/FAO Joint Meeting on Pesticide Residues concluded in 2011 that the long-term and short-term intakes of glyphosate residues are unlikely to present a public health concern or risk to consumers. This conclusion supported its earlier findings from 2006 and 2003 that glyphosate was not toxic.
- **Canadian Pest Management Regulatory Agency (PMRA).** In April 2015, PMRA published its Proposed Re-evaluation Decision document, noting that the overall weight of evidence indicates that glyphosate is unlikely to pose a human cancer risk and that it is finalizing its review.
- **Australian Pesticides and Veterinary Medicines Authority.** In 2013, the Australian regulatory authority concluded that the weight and strength of evidence shows that glyphosate is not genotoxic, carcinogenic, or neurotoxic.
- **Argentine Interdisciplinary Scientific Council.** In 2009, the Argentinean regulatory authority determined that based on epidemiological studies reviewed, there was no correlation between exposure to glyphosate and cancer incidence nor adverse effects on reproduction.



National regulatory authorities and independent experts around the world agree that there is **no evidence** that glyphosate causes cancer, even at high dosage levels. Numerous studies from the last forty years assessing the carcinogenicity and genotoxicity of glyphosate support this conclusion.

* * * *

BAYER
94-520 Kunia Road / P.O. Box 200
Kunia, Hawaii 96759

February 5, 2020
9:15 am

TESTIMONY BEFORE THE
HOUSE COMMITTEE ON AGRICULTURE

TESTIMONY ON HB 1665
RELATING TO HEALTH

Chair Creagan; Vice Chair Decoite; and members of the committee:

My name is Alan Takemoto, Government Affairs Lead for Bayer Hawaii. We have several farms in Hawaii and employ over 600 employees who are actively engaged in our local communities where we farm.

Thank you for allowing us the opportunity to express our concerns on HB 1665 which seeks to prohibit the use of glyphosate. Bayer is one of multiple manufacturers that produce and sell a variety of federally approved commercial products that contain glyphosate.

The safety of glyphosate and glyphosate-based herbicides when used as directed is consistently supported by comprehensive reviews covering over 40 years by the U.S. Environmental Protection Agency (EPA) and other international regulatory agencies, and with more than 800 studies.

In January 2020, the EPA concluded its regulatory review of glyphosate and stated that “the EPA thoroughly assessed risks to humans from exposure to glyphosate from all registered uses and all routes of exposure and did not identify any risks of concern.” The EPA reiterated its conclusion that “glyphosate is not likely to be carcinogenic to humans.”

There are many benefits to using products that contain glyphosate – from helping to maintain our roadways and irrigation systems to controlling invasive species that threaten our fragile environment. Glyphosate-based products are also used to control weeds near our homes and schools that may cause harm to our families by producing pollen that trigger allergies, or by harboring insect pests, snails or slugs, and rodents that cause or carry diseases. Weeds may be general pests in our lawns and landscaping, and weeds along roadways can impede driving conditions by limiting drivers’ ability to view lanes or road signs. Weeds in our fields negatively impact crop yields and ultimately threaten our ability to farm sustainably.

Hawaii's environment and its natural resources are some of the most important assets we all want to protect, now and in the future. Invasive and noxious weed species are among the largest issues impacting Hawaii's native forests and watershed areas. Herbicides like glyphosate are a very important tool in ongoing efforts to restore our streams, restore habitat for animals and make recreational areas more assessable.

When used according to their labels, products that contain glyphosate are among the safest, effective and most efficient tools on the market today for controlling weeds in a variety of settings. Scientists with the U.S. EPA recently performed an independent evaluation of glyphosate and found 1) no risk to human health from current uses of glyphosate, 2) no indication that children are more sensitive to glyphosate, and 3) no evidence that glyphosate causes cancer. These findings are consistent with numerous other international expert panels and regulatory authorities.

Taking away beneficial options to control unwanted weeds impacts us all. We urge you to consider the potential harm and negative impacts this bill could have by imposing inadequate weed control and unnecessary limitations on homeowners, farmers, landowners, and public agencies trying to control weeds for a variety of purposes including crop protection, environmental protection, and public health and safety.

Therefore, we respectfully oppose HB 1665. Thank you.



P.O. Box 253, Kunia, Hawai'i 96759
Phone: (808) 848-2074; Fax: (808) 848-1921
e-mail info@hfbf.org; www.hfbf.org

February 5, 2020

HEARING BEFORE THE
HOUSE COMMITTEE ON AGRICULTURE

TESTIMONY ON HB 1665
RELATING TO HEALTH
Room 312
9:15 AM

Aloha Chair Creagan, Vice Chair DeCoite, and Members of the Committee:

I am Brian Miyamoto, Executive Director of the Hawaii Farm Bureau (HFB). Organized since 1948, the HFB is comprised of 1,800 farm family members statewide, and serves as Hawaii's voice of agriculture to protect, advocate and advance the social, economic and educational interests of our diverse agricultural community.

The Hawaii Farm Bureau opposes this measure that would prohibit the use of any pesticide containing glyphosate.

As active community members, our primary focus is on the safety and health of our families, our employees, and our communities as we produce the food and other products that residents and visitors need and enjoy. Farmers and ranchers are the stewards of a large portion of Hawai'i's acreage and we know how important it is to protect and conserve our natural resources. Without them, we can't farm.

As our islands are located approximately 2,500 miles from the continental United States, about 85-90% of Hawai'i's food is imported, which makes it particularly vulnerable to natural disasters and global events that might disrupt shipping and our food supply. Because of this, a primary State goal is to become more self-sufficient, especially with regard to food production. However, this goal is proving difficult to achieve because of our year-long growing seasons and a continuous influx of near impossible-to-control noxious and invasive species that make farming here a constant battle.

No justification for a glyphosate prohibition

HB 1665 lacks scientific basis and justification, is misleading, and does not consider the ultimate costs of a glyphosate ban to the public and the environment.

The bill is based on two flawed premises:

1. The World Health Organization (WHO) International Agency for Research on Cancer (IARC) listing of glyphosate as a probable human carcinogen. In fact, regulatory authorities throughout the world, including three WHO programs, have determined that glyphosate is **NOT** carcinogenic. The WHO IARC opinion, the only one referenced in HB 1665, has been roundly discredited by leading world scientific bodies. The weight of scientific evidence should be considered, rather than just one body that ignores dose in its analysis, and also classifies sunlight, diesel exhaust, and salted fish as probably carcinogenic to humans.
2. Jury awards against the makers of glyphosate-based products. Juries are not expert scientific bodies. There is always a question whether jurors are qualified to assess causation and determine appropriate compensation in a fair and reasonable manner. Jury awards should not be the basis for a State legislative decision to ban a product.

When glyphosate is used properly, it does not expose anyone to high risk. In fact, the EPA has just completed its regulatory review of glyphosate and has concluded that there are no risks of concern to human health when glyphosate is used according to the label. It has also found that glyphosate is **not** a carcinogen (<https://www.epa.gov/ingredients-used-pesticide-products/glyphosate>). These findings on human health risk are consistent with the conclusions of science reviews by many other countries and other federal agencies, including the U.S. Department of Agriculture, the Canadian Pest Management Regulatory Agency, the Australian Pesticide and Veterinary Medicines Authority, the European Food Safety Authority, and the German Federal Institute for Occupational Safety and Health.

Negative impact to environment, farmers, and ranchers, and the general public

HFB strongly opposes HB 1665 because the results will be detrimental to public health, conservation efforts, and to agriculture.

Our members, and others, are justifiably concerned for their safety, since roadways quickly become overgrown with weedy vegetation, causing blind spots for motorists and pedestrians, that can result in devastating accidents. Although proponents of this bill tout Maui as a model for an anti-glyphosate policy, our Maui members inform us that many County roadways have become dangerous with overgrowth, forcing vehicles to cross the center line. Furthermore, as farmers and ranchers who rely upon our precious watersheds, for the water that feeds our crops, we are concerned that those areas will become severely neglected and taken over by the many introduced invasive plant species, like miconia, that reduce the amount of rainwater that will seep into the watershed, if effective herbicides, like glyphosate, are disallowed.

As weeds spread, the islands' weed seed bank will grow, be even harder to control, and spread to farms and ranches, where it will cause devastating crop losses and make it impossible for local farmers to compete with produce coming from the continental U.S.

and foreign countries. If weeds are not adequately controlled, these areas will become perfect habitat and breeding areas for other devastating pests and diseases that will impact Hawai'i's farmers (and others) and risk the continued viability of our farms and ranches.

Bill is unjustified and unnecessary

HFB believes that this drastic measure is unnecessary. Pesticides are already highly regulated to ensure safety, human, and environmental health at both the federal and Hawai'i State level. The State Department of Agriculture has just revised its pesticide rules to be even more stringent and has ramped up its enforcement efforts. The State Department of Health continues to conduct environmental monitoring of pesticides and has not found cause for concern.

Decades of scientific research and experience confirm that glyphosate can be and in fact, is being used safely and effectively. **We respectfully suggest that in lieu of this bill, the Committee supports, with amendments, HB 2565**, to authorize and provide funding for an unwanted pesticide disposal program to ensure that banned, outdated, or unwanted pesticides are safely collected and lawfully disposed of.

Thank you for your continued support of our local farmers who look forward to providing more of Hawai'i's agricultural needs.

**LARRY JEFTS FARMS, LLC
PO BOX 27
KUNIA, HAWAII 96759
(808) 688-2892**

HB1665, Relating to Health
Hse AGR Hearing
Wednesday, February 5, 2020
9:15am
Conference Room 312

Testimony by: Larry Jeffs
Position: Oppose

Chair Creagan, Vice Chair DeCoite and Members of the House AGR Committee:

I am Larry Jeffs, owner and operator of Larry Jeffs Farms, LLC, which is part of our family-run business of farms on Oahu and Molokai, under the administrative umbrella of Sugarland Growers, Inc. We have more than 35 years of Hawaii farm experience on Molokai and Oahu. I am a volunteer director for the West Oahu Soil and Water Conservation District (SWCD).

I respectfully oppose this measure that prohibits the use of any pesticide containing glyphosate as an active ingredient.

The U.S. EPA, the EFSA and other regulatory authorities in Canada, Japan, Australia, Korea and elsewhere routinely review all approved pesticide products and have consistently reaffirmed that glyphosate-based products can be used safely, and that glyphosate is not carcinogenic. Glyphosate is approved for use in more than 160 countries.

Glyphosate is a valuable tool because it is effective on a broad range of weeds, and it enables the use of practices such as no-tilling, which helps reduce soil erosion. Reducing tillage can diminish soil erosion by up to 90 percent and, in 2014 alone, reduced carbon emissions by an amount equivalent to removing nearly 2 million cars from the road.

As in situations of pesticide application, there may be bad actors who do not correctly follow label requirements for glyphosate-based herbicides. These bad actors should face consequences for their non-compliance and damages caused. There is no need to ban a safe, useful and environmentally beneficial tool.

Thank you for the opportunity to express my concerns.

HB-1665

Submitted on: 2/3/2020 11:34:40 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Alexandra Kahn	Surfrider Oahu	Support	No

Comments:

HB-1665

Submitted on: 2/3/2020 2:42:55 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

Dear Chair Richard P. Creagan, Vice Chair Lynn DeCoite, and members of the Committee on Agriculture:

I strongly support HB 1665 which provides a state wide glyphosate ban. The science is clear on the dangers of glyphosate. Glyphosate is a known carcinogen that causes cancer. I support a this bill which bans the use of all herbicides with glyphosate as an active ingredient.

HB-1665

Submitted on: 2/3/2020 3:35:08 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Blake WAtson	Individual	Support	No

Comments:

HB-1665

Submitted on: 2/3/2020 3:36:49 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ashley Gutierrez	Individual	Support	No

Comments:

SUPPORT: HB 1665 is a state wide glyphosate ban. This bill would ban the use of all herbicides with glyphosate as an active ingredient. The science is clear on the dangers of glyphosate. Please support a ban of products containing glyphosate as an active ingredient.

HB-1665

Submitted on: 2/3/2020 4:08:04 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Franz Weber	Individual	Support	No

Comments:

HB-1665

Submitted on: 2/3/2020 4:08:56 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Danielle Spitz	Individual	Support	No

Comments:

There is a growing body of evidence on health impacts associated with exposure to glyphosate-based herbicides such as “Roundup,” including non-Hodgkins lymphoma, endocrine disruption, organ damage and birth defects.

In 2015, the International Agency for Research on Cancer, a division of the World Health Organization, and the world’s leading authority on cancer, unanimously concluded that glyphosate is “probably carcinogenic to humans.”

The science is clear on the dangers of glyphosate. Please pass this ban of products containing glyphosate as an active ingredient.

HB-1665

Submitted on: 2/3/2020 4:09:54 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

HB-1665

Submitted on: 2/3/2020 4:11:01 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

SUPPORT FOR HB 1665

There is a growing body of evidence on health impacts associated with exposure to glyphosate-based herbicides such as “Roundup,” including non-Hodgkins lymphoma, endocrine disruption, organ damage and birth defects. In 2015, the International Agency for Research on Cancer, a division of the World Health Organization, and the world’s leading authority on cancer, unanimously concluded that glyphosate is “probably carcinogenic to humans.”

Today more than 13,000 plaintiff’s have filed suit against Monsanto in the United States alleging they developed non-Hodgkin lymphoma due to exposure to Monsanto’s glyphosate-based weed killers, such as Roundup. Of the three cases that have been heard to date, in each case juries have found in favor of the plaintiff’s. Internal industry documents uncovered during these trials have revealed that Monsanto suppressed evidence of health risks of its herbicides.

School groundskeepers are another at-risk population due to their potential exposure on the job. For example, DeWayne “Lee” Johnson is a former California school groundskeeper who was regularly exposed to glyphosate on the job and was diagnosed with terminal non-Hodgkin lymphoma. He was the first plaintiff to successfully sue Monsanto for his cancer. Today he is taking what time he has left to educate other groundskeepers on the health risks.

In addition to public health impacts there is an increasing body of research that suggests glyphosate based herbicides are impacting the wildlife and organisms at the base of our food chain.

Over reliance on glyphosate based herbicides have also given rise to new superweeds which are herbicide resistant.

Many other towns and school districts have taken similar steps to protect public health and the environment by banning glyphosate and have successfully transitioned to organic land management practices, even in climates similar to Hawaii with little to no cost difference.

Now it is Hawaii's turn to protect public health by BANNING GLYPHOSATE!

HB-1665

Submitted on: 2/3/2020 4:12:08 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
valerie Lasciak	Individual	Support	No

Comments:

Glyphosate needs to be banned. It is a proven carcinogen and there are safe alternatives to spraying

HB-1665

Submitted on: 2/3/2020 4:13:20 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Tom Leonard	Individual	Support	No

Comments:

Here, the science is clear. Glyphosate based herbicides like Round Up pose a serious health risk and should be totally banned from use in the state.

HB-1665

Submitted on: 2/3/2020 4:16:39 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

Ban Glyphosate. So many arrows point to its harmful effects. Please! Mahalo.

HB-1665

Submitted on: 2/3/2020 4:29:54 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

Aloha Representatives,

I am writing to support passage of HB1665. Please ban the sale of all products containing glyphosate as an active ingredient.

This is long overdue.

Mahalo,

Susan Stayton

HB-1665

Submitted on: 2/3/2020 4:30:41 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Nanea Lo	Individual	Support	No

Comments:

Hello,

My name is Nanea Lo and I am a lifelong resident of Hawai'i on O'ahu. I am writing to say I am full support of this bill.

There is a growing body of evidence on health impacts associated with exposure to glyphosate-based herbicides such as "Roundup," including non-Hodgkins lymphoma, endocrine disruption, organ damage and birth defects.

In 2015, the International Agency for Research on Cancer, a division of the World Health Organization, and the world's leading authority on cancer, unanimously concluded that glyphosate is "probably carcinogenic to humans."

Today more than 13,000 plaintiff's have filed suit against Monsanto in the United States alleging they developed non-Hodgkin lymphoma due to exposure to Monsanto's glyphosate-based weed killers, such as Roundup. Of the three cases that have been heard to date, in each case juries have found in favor of the plaintiff's. Internal industry documents uncovered during these trials have revealed that Monsanto suppressed evidence of health risks of its herbicides.

School groundskeepers are another at-risk population due to their potential exposure on the job. For example, DeWayne "Lee" Johnson is a former California school groundskeeper who was regularly exposed to glyphosate on the job and was diagnosed with terminal non-Hodgkin lymphoma. He was the first plaintiff to successfully sue Monsanto for his cancer. Today he is taking what time he has left to educate other groundskeepers on the health risks.

In addition to public health impacts there is an increasing body of research that suggests glyphosate based herbicides are impacting the wildlife and organisms at the base of our food chain.

Over reliance on glyphosate based herbicides have also given rise to new superweeds which are herbicide resistant.

Many other towns and school districts have taken similar steps to protect public health and the environment by banning glyphosate and have successfully transitioned to organic land management practices, even in climates similar to Hawaii with little to no cost difference.

Resources are currently available to provide additional training to assist with the transitioning away from herbicide use.

Please support this bill.

me ke aloha 'Ä• ina,

Nanea Lo

HB-1665

Submitted on: 2/3/2020 4:31:31 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Kanani Kai	Individual	Support	No

Comments:

HB-1665

Submitted on: 2/3/2020 4:35:11 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

Strongly **SUPPORT**: [HB 1665](#) is a state wide glyphosate ban. This bill would **ban the use of all herbicides with glyphosate** as an active ingredient. The science is clear on the dangers of glyphosate. Please support a ban of products containing glyphosate as an active ingredient.

www.WeAreOne.cc

HB-1665

Submitted on: 2/3/2020 4:48:00 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Stephanie Austin	Individual	Support	No

Comments:

Please support this important bill: the verdict is IN regarding glyphosphate. It is time Hawaii

protect our citizens, especially vulnerable kupuna and keiki, from this harmful chemical!

HB-1665

Submitted on: 2/3/2020 5:47:34 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Diana Sanchez	Individual	Support	No

Comments:

I planted trees for the state of Oregon from 1974 - 1976 in various deforested and clear cut areas. Many of these "units" had been treated with RoundUp, the herbicide now in question for a state-wide ban through HB1665.

Being exposed to glyphosate through my frequent and naive habit of drinking run-off mountain streams caused me to experience a 40+ day period of constant menstrual bleeding.

Because of the terrible effects this defoliant caused in my body, I strongly urge the passage of HB 1665 which will ban Round-up, also known as Agent Orange or glyphosate, from the Hawaiian Islands.

HB-1665

Submitted on: 2/3/2020 5:30:20 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Sandy Yee	Individual	Support	No

Comments:

Why is this bill needed?

There is a growing body of evidence on health impacts associated with exposure to glyphosate-based herbicides such as “Roundup,” including non-Hodgkins lymphoma, endocrine disruption, organ damage and birth defects.

In 2015, the International Agency for Research on Cancer, a division of the World Health Organization, and the world’s leading authority on cancer, unanimously concluded that glyphosate is “probably carcinogenic to humans.”

Today more than 13,000 plaintiff’s have filed suit against Monsanto in the United States alleging they developed non-Hodgkin lymphoma due to exposure to Monsanto’s glyphosate-based weed killers, such as Roundup. Of the three cases that have been heard to date, in each case juries have found in favor of the plaintiff’s. Internal industry documents uncovered during these trials have revealed that Monsanto suppressed evidence of health risks of its herbicides.

School groundskeepers are another at-risk population due to their potential exposure on the job. For example, DeWayne “Lee” Johnson is a former California school groundskeeper who was regularly exposed to glyphosate on the job and was diagnosed with terminal non-Hodgkin lymphoma. He was the first plaintiff to successfully sue Monsanto for his cancer. Today he is taking what time he has left to educate other groundskeepers on the health risks.

In addition to public health impacts there is an increasing body of research that suggests glyphosate based herbicides are impacting the wildlife and organisms at the base of our food chain.

Over reliance on glyphosate based herbicides have also given rise to new superweeds which are herbicide resistant.

Many other towns and school districts have taken similar steps to protect public health and the environment by banning glyphosate and have successfully transitioned to organic land management practices, even in climates similar to Hawaii with little to no cost difference.

Resources are currently available to provide additional training to assist with the transitioning away from herbicide use.

HB-1665

Submitted on: 2/3/2020 5:56:25 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Shannon Rudolph	Individual	Support	No

Comments:

Strongly Support

HB-1665

Submitted on: 2/3/2020 6:04:09 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

ITS ABOUT TIME FOR HAWAII TO BREATHE THE AIR NOT THE DEADLY POISON AGAIN



HB 1665, RELATING TO HEALTH

FEBRUARY 5, 2020 · HOUSE AGRICULTURE
COMMITTEE · CHAIR REP. RICHARD P. CREAGAN

POSITION: Support.

RATIONALE: IMUAlliance supports HB 1665, relating to health, which prohibits the use of any pesticide containing glyphosate as an active ingredient.

Glyphosate kills. Glyphosate-containing herbicides and products, including Roundup, are used for landscaping purposes throughout the State, including on public school campuses. Yet, the World Health Organization's International Agency for Research on Cancer's Monograph 112, published in 2017, states that there is evidence in humans for the carcinogenicity of glyphosate, which has been positively associated with non-Hodgkin lymphoma.

Moreover, IARC Monograph 112 further contends that there is sufficient evidence of the carcinogenicity of glyphosate in experimental animals to conclude that a causal relationship has been established between exposure to the agent and human cancer. To protect its citizens, in 2017, the State of California added glyphosate to a list of chemicals recognized as carcinogens in the California Labor Code and under California's Proposition 65, also known as the Safe Drinking Water and Toxic Enforcement Act of 1986.

In 2018, a California trial court upheld an award of \$78.5 million in damages to Lee Johnson, a school groundskeeper, after a jury determined he contracted non-Hodgkin lymphoma through repeated exposure to glyphosate-containing herbicides he applied throughout his school district.

This decision was followed by a similar verdict in 2019, in which a California jury awarded \$2 billion to Alva and Alberta Pilliod, finding that the couple's use of Roundup over thirty years for residential landscaping substantially impacted their development of non-Hodgkin's lymphoma.

In our experience, pesticide abuse—including with regard to glyphosate-containing herbicides—is common on farms that also engage in human trafficking and exploit migrant workers. At least sixty-one cities, counties, and communities across twenty-two states, and twenty-seven countries worldwide, have moved to halt or restrict the use of glyphosate on public lands due to environmental and human health risks. It's time for Hawai'i to do the same.

HB-1665

Submitted on: 2/3/2020 6:05:28 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Patricia Blair	Individual	Support	No

Comments:

HB-1665

Submitted on: 2/3/2020 6:09:43 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
tlaloc tokuda	Individual	Support	No

Comments:

There is this orthodoxy which has been created and crafted by Monsanto that Roundup is safe and clean. But as the Monsanto Paper show (TMP) are a treasure trove of faxes, memorandas, guidelines that Monsannto used to subvert any independent peer review scientific papers on the dangers of Roundup. Monsanto had a huge Dirty book's tricks they would employ to attack independent scientist and have their own scientist ghost write academics in the pay of Monsanto.

There is a growing body of evidence on health impacts associated with exposure to glyphosate-based herbicides such as "Roundup," including non-Hodgkins lymphoma, endocrine disruption, organ damage and birth defects.

In 2015, the International Agency for Research on Cancer, a division of the World Health Organization, and the world's leading authority on cancer, unanimously concluded that glyphosate is "probably carcinogenic to humans."

Today more than 13,000 plaintiff's have filed suit against Monsanto in the United States alleging they developed non-Hodgkin lymphoma due to exposure to Monsanto's glyphosate-based weed killers, such as Roundup. Of the three cases that have been heard to date, in each case juries have found in favor of the plaintiff's. Internal industry documents uncovered during these trials have revealed that Monsanto suppressed evidence of health risks of its herbicides.

School groundskeepers are another at-risk population due to their potential exposure on the job. For example, DeWayne "Lee" Johnson is a former California school groundskeeper who was regularly exposed to glyphosate on the job and was diagnosed with terminal non-Hodgkin lymphoma. He was the first plaintiff to successfully sue Monsanto for his cancer. Today he is taking what time he has left to educate other groundskeepers on the health risks.

In addition to public health impacts there is an increasing body of research that suggests glyphosate based herbicides are impacting the wildlife and organisms at the base of our food chain.

Over reliance on glyphosate based herbicides have also given rise to new superweeds which are herbicide resistant.

Many other towns and school districts have taken similar steps to protect public health and the environment by banning glyphosate and have successfully transitioned to organic land management practices, even in climates similar to Hawaii with little to no cost difference.

Resources are currently available to provide additional training to assist with the transitioning away from herbicide use.

So it is imparative that this bill passes.

HB-1665

Submitted on: 2/3/2020 6:21:56 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Dawn Morais Webster Ph.D.	Individual	Support	No

Comments:

The evidence is clear: the serious negative health impacts associated with exposure to glyphosate-based herbicides such as "Roundup," include non-Hodgkins lymphoma, endocrine disruption, organ damage and birth defects.

The recent visit to Hawaii of Lee Johnson, the first plaintiff to win a lawsuit against Monsanto, brought that evidence close to home. We cannot wait. Either we are serious about protecting our children against this neurotoxin-- or we are not. As someone who just became a grandmother, this hits close to home. I worry about Restricted Use Pesticides being sprayed on public green spaces where children can be adversely affected. Please move this bill forward and show constituents that you are listening to their fear and anxiety on behalf of all our children and grandchildren as well as on behalf of the land and waters which are being poisoned. Mahalo.

HB-1665

Submitted on: 2/3/2020 6:27:13 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

HB-1665

Submitted on: 2/3/2020 7:11:34 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ted Bohlen	Individual	Support	No

Comments:

HB-1665

Submitted on: 2/3/2020 7:41:26 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

Aloha Chair and Committee Members,

Please support the ban on Glyphosate. This is a deadly pesticide that is known to cause cancer. The EPA has it wrong on this.

Mahalo,

Ms. Barbara Barry

Ha'ikÅ«

HB-1665

Submitted on: 2/3/2020 7:43:44 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ashley Wilcox	Individual	Support	No

Comments:

Let's ban glyphosate from our islands to protect our keiki and environment.

HB-1665

Submitted on: 2/3/2020 7:58:42 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Toni Withington	Individual	Support	No

Comments:

Glyphosate is a proven danger to the health of all, but especially residents in rural areas such as North Kohala on Hawaii Island. It is surprising to me that it has taken so long for the legislature to consider a ban of this dangerous chemical. Please save the children and residents of our rural areas.

Vote yes on this important bill.

Toni Withington, Hawi, North Kohala

HB-1665

Submitted on: 2/3/2020 7:58:54 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

HB-1665

Submitted on: 2/3/2020 8:03:58 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

Glyphosate is a proven carcinogen. Round-up and all glyphosate-based chemical fertilizers must be banned from Hawai'i to stop the destruction of fragile local ecosystems and to eliminate the health hazards to children and adults with long-term exposure. AgriChem companies should not be able to simply throw money at politicians to cover up the realities of the problems that their tests and waste cause this 'Ä• ina. This year Austria banned glyphosate completely, alongside Thailand, various local bans in New Zealand, many other countries in the Gulf (Saudi Arabia, Bahrain, Oman). Most European countries are phasing glyphosate-based products for public and private use. If the state of Hawai'i wants to be an exemplar for sustainable living and aloha 'Ä• ina, it MUST ban what the world knows is killing us and everything around us. Mahalo for your time.

HB-1665

Submitted on: 2/3/2020 8:47:39 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

Please help us.. This ingredient has been proven to be toxic. Do the right thing.

HB-1665

Submitted on: 2/3/2020 8:50:13 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Joanna Weber	Individual	Support	No

Comments:

HB-1665

Submitted on: 2/3/2020 8:50:41 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Mitsuko Hayakawa	Individual	Support	No

Comments:

Aloha Members of the Agriculture Committee,

Glyphosate has been proven to be detrimental to the health and environment. Hawaii should set an example for the rest of the nation and ban this toxic chemical.

Mahalo for supporting this bill.

Mitsuko Hayakawa

HB-1665

Submitted on: 2/3/2020 9:01:38 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
L. Osterer	Individual	Support	No

Comments:

I support this bill to **ban the use of all herbicides with glyphosate** as an active ingredient. The science is clear on the dangers of glyphosate. Dangers are clear, including contamination of our water supply. Safer products are available.

Thank you, L. Osterer, registered voter and resident of Kauai

HB-1665

Submitted on: 2/3/2020 9:03:35 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

HB-1665

Submitted on: 2/3/2020 9:06:03 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

HB-1665

Submitted on: 2/3/2020 9:31:43 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

Please support HB1665 and keep Hawai'i moving forwards with a more natural and clean environment. There is no place for these toxins in our lives, and alternatives exist. Status quo must go, please.

Mahalo & Malama Pono,
James McCay
Honolulu



Chair Richard Creagan
Vice Chair Lynn DeCoite
House Committee on Agriculture

Wednesday, February 5 2020
9:15 AM

TESTIMONY IN SUPPORT OF HB1665 RELATING TO HEALTH

Aloha Chair Creagan, Vice Chair DeCoite, Members of the House Committee on Agriculture,

My name is Jun Shin. I am a Sophomore at the University of Hawai‘i at Mānoa. I am the Environmental Justice Action Committee Chair for the Young Progressives Demanding Action (YPDA). YPDA advocates for public policies that reflect the values of young people throughout the State of Hawai‘i. YPDA is in **support** of **HB1665**, Relating to Health. This measure would prohibit the use of any pesticide containing glyphosate as an active ingredient in the State.

School groundskeepers are another at-risk population due to their potential exposure while on the job. For example, DeWayne “Lee” Johnson is a former California school groundskeeper who was regularly exposed to glyphosate on the job and was diagnosed with terminal non-Hodgkin lymphoma. He was the first plaintiff to successfully sue Monsanto for his cancer. Today he is taking what time he has left to educate other groundskeepers on the health risks.

As the World Health Organization points out, unlike adults, children are at a stage where they are continuously developing their nervous systems, immune systems, digestive systems, etc and exposure to environmental toxicants can lead to irreversible damage¹. Crucially, a working group of experts from 11 countries also met at the World Health Organization’s International Agency for Research on Cancer (IARC) in March of 2015 under a strictly scientific, independent, rigorous process, and reviewed published scientific evidence while evaluating the carcinogenicity of five organophosphate insecticides and herbicides including glyphosate, with glyphosate being classified by the IARC as “probably carcinogenic to humans”².

By banning glyphosate, we would be joining several countries and U.S. municipalities who are taking the necessary steps to begin that process or who have already restricted and banned glyphosate, and other pesticides. The State of Hawai‘i has already taken a bold stand once before in favor of public health and

protecting our keiki with the passage of Act 45 in 2018, regulating Restricted Use Pesticides (RUPs), pesticide buffer zones around schools, and the banning of Chlorpyrifos

We can take a stand once more for the benefit of present and future generations and find sustainable solutions such as transitioning to organic land management. Please protect our keiki and the communities they live in. Young Progressives Demanding Action is in **support** of **HB1665**. We respectfully ask for you to pass it through your committee.

Thank you for the opportunity to testify,

Jun Shin,
Environmental Justice Action Committee Chair
Young Progressives Demanding Action (YPDA)
P.O. Box 11105
Honolulu, HI 96828
Cell: 808-255-6663
Email: junshinbusiness729@gmail.com
CC: action@ypdahawaii.org

1

<https://www.who.int/ceh/risks/en/>

2

<https://www.iarc.fr/featured-news/media-centre-iarc-news-glyphosate/>

HB-1665

Submitted on: 2/3/2020 9:49:48 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Dean Sensui	Individual	Oppose	No

Comments:

I am writing in opposition to HB-1665.

The Environmental Protection Agency (EPA) recently cleared glyphosate as not being carcinogenic as many have feared.

The EPA carefully studied the potential health effects of glyphosate usage over a 10-year period and concurred with the findings of more than 800 scientific studies and reviews.

Don't let a few, unproven anecdotal accounts override critical thinking and reams of carefully acquired and analyzed data. Instead, let's base our decisions upon sound science. Glyphosate is an important agricultural tool that has been proven safe beyond reasonable doubt by a large number of peer-reviewed studies.

Thank you for your thoughtful consideration.
Dean Sensui.



HOUSE BILL 1665, RELATING TO HEALTH

FEBRUARY 5, 2020 · HOUSE AGRICULTURE
COMMITTEE · CHAIR REP. RICHARD P. CREAGAN

POSITION: Support.

RATIONALE: The Democratic Party of Hawai'i Education Caucus supports HB 1665, relating to health, which prohibits the use of any pesticide containing glyphosate as an active ingredient.

Glyphosate kills. Glyphosate-containing herbicides and products, including Roundup, are used for landscaping purposes throughout the State, including on public school campuses. Yet, the World Health Organization's International Agency for Research on Cancer's Monograph 112, published in 2017, states that there is evidence in humans for the carcinogenicity of glyphosate, which has been positively associated with non-Hodgkin lymphoma.

Moreover, IARC Monograph 112 further contends that there is sufficient evidence of the carcinogenicity of glyphosate in experimental animals to conclude that a causal relationship has been established between exposure to the agent and human cancer. To protect its citizens, in 2017, the State of California added glyphosate to a list of chemicals recognized as carcinogens in the California Labor Code and under California's Proposition 65, also known as the Safe Drinking Water and Toxic Enforcement Act of 1986.

In 2018, a California trial court upheld an award of \$78.5 million in damages to Lee Johnson, a school groundskeeper, after a jury determined he contracted non-Hodgkin lymphoma through repeated exposure to glyphosate-containing herbicides he applied throughout his school district. This decision was followed by a similar verdict in 2019, in which a California jury awarded \$2 billion to Alva and Alberta Pilliod, finding that the couple's use of Roundup over thirty years for residential landscaping substantially impacted their development of non-Hodgkin's lymphoma.

At least sixty-one cities, counties, and communities across twenty-two states, and twenty-seven countries worldwide, have moved to halt or restrict the use of glyphosate on public lands due to environmental and human health risks. We are committed to delivering a quality education for all of our islands' keiki. That includes ensuring that they are safe from cancer-causing chemicals.

HB-1665

Submitted on: 2/3/2020 9:51:25 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Phaethon Keeney	Individual	Support	No

Comments:

Aloha! Please SUPPORT HB 1665.

Hawaii needs a ban on glyphosate as an active ingredient in herbicide (and other products where applicable), the science is clear on the dangers of glyphosate, and there are other, safer options for people and planet, mahalo.

Phaethon Keeney

Honokaa Hawaii

HB-1665

Submitted on: 2/3/2020 10:13:40 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
ANTONIO ANDRES LOPEZ	Individual	Support	No

Comments:

Enough poison in our water and food already!!!

Please, ban the poison glyphosate.

HB-1665

Submitted on: 2/3/2020 10:23:52 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Judie Hoepfner	Individual	Support	No

Comments:

I totally support banning the use of glyphosate anywhere in the state of Hawaii

HB-1665

Submitted on: 2/3/2020 10:26:12 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

I very strongly support this bill.

HB-1665

Submitted on: 2/3/2020 10:31:25 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
B.A. McClintock	Individual	Support	No

Comments:

We cannot keep ignoring our scientists and doctors. Pesticides are making everyone ill. Pesticide deniers are in the same category as Climate deniers. We need to stop listening to industries and corporations that are selling us something. Please protect our health, food, air and water from these toxics that are collecting in our blood and tissues. Please support this bill.

HB-1665

Submitted on: 2/3/2020 11:13:22 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Tiana Laranio	Individual	Support	No

Comments:

The science is clear on the dangers of glyphosate. Please support a ban of products containing glyphosate as an active ingredient.

HB-1665

Submitted on: 2/4/2020 1:38:38 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Shannon Matson	Individual	Support	No

Comments:

HB-1665

Submitted on: 2/4/2020 6:36:21 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
J. Michael Atwood	Individual	Oppose	No

Comments:

While visiting farms in puerto rico as a youth I decided I wanted to be a farmer like my grandfather. I graduated from U.H.Manoa Ag school with my B.S. in Gen. Tropical Ag in 1977 and went to work as a field boss for Maui Pineapple until 1989. I worked as a farm mgr. for Hi. Cocoa for a year before moving over to U.A.P. and selling Ag. chemicals and fertilizer for 1 yr. From 1990 to the present I have been a golf course Supt. in charge of applying all chemicals and fertilizer. I also own and operate a two acre fruit farm in Haiku since 1988. I have been personally purchasing and applying Glyphosate at home and at work for 43 years on Maui and feel that it is the safest weed killer there is available. My education on the product that I once sold and continue to use has me convinced that it is safe to use on my property, around my wife and two children, tenants in our rental, and our pets and neighbors. No one around me has ever become sick and my knowledge of the degradation process assures me that it is safe for the environment. The required testing for labeling is there for all to see and read; why else would it have been allowed to be sold over the counter to any home owner who desired to use it. There is not any one proven case of cancer or environmental harm. I urge you lawmakers to leave alone the most safe and effective weed killer on the market today and not react to sensationalist social media and uneducated and unsubstantiated testimonies.

HB-1665

Submitted on: 2/4/2020 7:08:13 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Russell Dooge	Individual	Oppose	No

Comments:

HB-1665

Submitted on: 2/4/2020 7:11:16 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Roger Harris	Individual	Oppose	No

Comments:

Organizations who use RUP should be responsible for their own costs in disposing of these very toxic chemicals. The costs should not be foisted on Hawaii's populace.

HB-1665

Submitted on: 2/4/2020 7:20:11 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lucie Knor	Individual	Support	No

Comments:

Dear Committee,

I am testifying in support of HB1665 to ban glyphosate, an herbicide component that is estimated as "probably carcinogenic to humans" by the World Health Organization, and has negative impacts on wildlife. That's really all the info needed for responsible legislators to outlaw a product, profit considerations of corporations do not trump these concerns.

Sincerely,
Lucie Knor

HB-1665

Submitted on: 2/4/2020 7:33:44 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jan TenBruggencate	Individual	Oppose	No

Comments:

There is no rational science that suggests glyphosate is a health hazard. By contrast, many alternative herbicides--conventional and organic--do have health concerns. Please kill this bill.

--Jan TenBruggencate



House Agriculture Committee

Hawaii Alliance for Progressive Action (HAPA)

Supports: HB1665

Aloha Chair Creagan, Vice Chair DeCoite and Members of the Committee,

The Hawai'i Alliance for Progressive Action (HAPA) is in strong support of HB 1665 which will prohibit the use of any pesticide containing glyphosate as an active ingredient.

Board of Directors:

President

Gary L. Hooser

HAPA is a state-wide environmental, social and economic justice organization. We engage over 10,000 local residents annually through our work. HAPA is committed to working to protect our communities and local environment from the impacts of pesticide exposure. Over the last few years we have worked on bringing awareness to the growing concerns about the health impacts of exposure to glyphosate.

CoVice Presidents

Andrea N. Brower

Ikaika Hussey

There is a growing body of evidence relating to the health impacts associated with exposure to glyphosate-based herbicides such as "Roundup," including non-Hodgkin's lymphoma, endocrine disruption, organ damage and birth defects [1]. Glyphosate has been detected in the blood and urine of agricultural workers, indicating absorption into the body [1].

Treasurer

Kim Coco Iwamoto

In 2015, the International Agency for Research on Cancer, a division of the World Health Organization, and the world's leading authority on cancer, unanimously concluded that glyphosate is "probably carcinogenic to humans." [2]

Secretary

Bart E. Dame

Today over 40,000+ lawsuits have been filed against Monsanto/Bayer in the United States alleging they developed non-Hodgkin lymphoma due to exposure to Monsanto's glyphosate-based weed killers and this number is on the rise [3,4,5]. Of the three lawsuits that have been heard to date, in each case juries have found in favor of the plaintiff's [5]. Internal industry documents uncovered during these trials have revealed that Monsanto suppressed evidence of health risks of its herbicides [6].

Members

Paul Achitoff

Kaleikoa Ka'eo

Michael Miranda

Walter Ritte Jr.

Pua Rossi-Fukino

Karen Shishido

Leslie Malu Shizue Miki

In addition to public health impacts there is an increasing body of research that suggests glyphosate based herbicides are impacting the wildlife and organisms at the base of our food chain [7,8,9]. In aquatic and terrestrial environments, researchers have linked changes in metabolism, growth, behavior and reproduction of certain fishes, mollusks and insects with exposure to glyphosate-containing herbicides. [7].

Over reliance on glyphosate based herbicides have also given rise to new superweeds which are herbicide resistant [10,11,12].

Many other municipalities and even other nations have taken similar steps to protect public health and the environment by banning glyphosate [13,14]. They have successfully transitioned to organic land management practices, even in climates similar to Hawai'i with little to no cost difference [15]. With the quickly growing push to

come up with less toxic solutions for land management there are now resources available to provide training and materials for the transitioning away from herbicide use [16, 17].

Given the increasing number of studies that demonstrate the health risks associated with glyphosate, and considering the now thousands and thousands of lawsuits claiming health impacts due to exposure, we encourage this committee to support this effort to move Hawai'i away from the use of glyphosate based herbicides.

We are deeply concerned with the continued use of glyphosate in Hawai'i and respectfully ask that the committee pass HB 1665 banning glyphosate in the state of Hawai'i.

Thank you for your consideration.
Respectfully,



Anne Frederick,
Executive Director

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

References

- [1] Carcinogenicity of tetrachlorvinphos, parathion, malathion, diazinon, and glyphosate
http://www.centerforfoodsafety.org/files/guyton-et-al-2015_35818.pdf
- [2] IARC Monographs Volume 112: evaluation of five organophosphate insecticides and herbicides
<https://www.iarc.fr/wp-content/uploads/2018/07/MonographVolume112-1.pdf>
- [3] Bayer faces skyrocketing US lawsuits over glyphosate July 2019
<https://www.dw.com/en/bayer-faces-skyrocketing-us-lawsuits-over-glyphosate/a-49797934>
- [4] Consumer Safety Watch Compensation Application Page
https://www.consumersafetywatch.com/non-hodgkin-lymphoma-roundup/?adwords&qclid=Cj0KCQiApt_xBRDxARIsAAMUMu8NtqJWdP1uuUHXAjRdfvxktQJBKMkrqVVL2gW2ccd7cHNIAj_jDAaAIFHEALw_wcB
- [5] Factbox: Bayer Faces Lengthy Roundup Appeals and Settlement Talks Continue Feb 3rd 2020
<https://www.nytimes.com/reuters/2020/02/03/business/31reuters-bayer-glyphosate-lawsuit-trials-factbox.html>
- [6] Landmark lawsuit claims Monsanto hid cancer danger of weedkiller for decades
<https://www.theguardian.com/business/2018/may/22/monsanto-trial-cancer-weedkiller-roundup-dewayne-johnson>
- [7] Glyphosate Herbicides Are Altering the Food Chain
<https://truthout.org/articles/glyphosate-herbicides-are-altering-the-food-chain/>
- [8] Ecotoxicology of Glyphosate and Glyphosate-Based Herbicides — Toxicity to Wildlife and Humans
<https://www.intechopen.com/books/toxicity-and-hazard-of-agrochemicals/ecotoxicology-of-glyphosate-and-glyphosate-based-herbicides-toxicity-to-wildlife-and-humans>
- [9] What's the world's most widely used herbicide doing to tiny critters?
<https://www.ehn.org/whats-the-worlds-most-widely-used-herbicide-doing-to-tiny-critters-2631750527.html?rebellitem=2#rebellitem2>
- [10] Farmers Fight Explosion of "Superweeds"
<https://www.scientificamerican.com/article/farmers-fight-explosion-of-superweeds/>

[11] Farmers Cope with Roundup Resistant Weeds

<https://www.nytimes.com/2010/05/04/business/energy-environment/04weed.html?src=me&ref=business>

[12] Adler, Jerry. "THE GROWING MENACE FROM SUPERWEEDS." Scientific American, vol. 304, no. 5, 2011, pp. 74–79. JSTOR, www.jstor.org/stable/26002525

[13] Where is Glyphosate Banned?

<https://www.baumhedlundlaw.com/toxic-tort-law/monsanto-roundup-lawsuit/where-is-glyphosate-banned/>

[14] NYC leaders join calls for ban on Monsanto herbicide

<https://www.ehn.org/monsantos-herbicide-defense-falling-on-deaf-ears-as-nyc-leaders-join-calls-for-ban-2634974362.html?rebellitem=1#rebellitem1>

[15] Non Toxic Landscapes <http://www.nontoxiccommunities.com/organic-land-care.html>

[16] A Cost Comparison of Conventional (Chemical) Turf Management and Natural (Organic) Turf Management for School Athletic Fields <http://www.grassrootsinfo.org/pdf/turfcomparisonreport.pdf>

[17] Using Traditional, Synthetic Chemicals and Fertilizers - Vista Verde School Field, Irvine

<http://www.nontoxiccommunities.com/uploads/1/2/3/8/123860248/before-aftervistaverdeirvineca.pdf>

HB-1665

Submitted on: 2/4/2020 8:21:28 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Diane Kanealii	Kailapa Community Association	Support	No

Comments:

Pls vote yes to HB1665, to protect the health of our people and our lands for the next generation.

HB-1665

Submitted on: 2/4/2020 8:36:53 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Fern Anuene Holland	Individual	Support	No

Comments:

HB-1665

Submitted on: 2/4/2020 8:37:25 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Nadya Penoff	Individual	Support	No

Comments:

Please ban Glyphosate for the sake of our health, especially the health of our keike. Glyphosate is known carcinogen. We see it used everywhere, even in and around school yards and parks where children play. It's not good for you or me, and certainly not good for our children. Ban it! Thank you. Nadya Penoff

HB-1665

Submitted on: 2/4/2020 8:43:38 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

Please follow the lead of the Hawai'i Board of Education and support HB 1665, which would ban the use of all herbicides with glyphosate as an active ingredient. The science is clear on the dangers associated with exposure to glyphosate-based herbicides including non-Hodgkins lymphoma, endocrine disruption, organ damage and birth defects, and the over reliance on glyphosate-based herbicides have also given rise to new superweeds which are herbicide resistant.

Numerous other cities, counties and school districts have taken similar steps to protect public health and the environment by banning glyphosate while successfully transitioning to organic land management practices with little to no cost difference.

Currently Hawai'i and Kauai Counties are exploring utilizing organic land practices by following the lead of the hugely successful transition of 5 county parks and the landscaping of a large hotel complex on Maui.

By passing Act 45, your precedent setting leadership on being the first in the nation to ban the neurotoxin chlorpyrifos is a perfect example of how the state legislature listened to concerned constituents and acted accordingly. We ask you to do the same with glyphosate.

Respectfully,

Mary Lacques

Haleiwa

HB-1665

Submitted on: 2/4/2020 9:39:35 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

The danger of glyphosate has been scientifically established. Let's use common sense here.

HB-1665

Submitted on: 2/4/2020 9:44:35 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Regina Gregory	EcoTipping Points Project	Support	No

Comments:

HB-1665

Submitted on: 2/4/2020 9:58:23 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Wendy Arbeit	Individual	Support	No

Comments:

Follow the lead of the EU and other countries and ban the stuff already.

HB-1665

Submitted on: 2/4/2020 10:03:11 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

Aloha All,

We are all responsible for the 'Aina. We must protect all life.

We the people and you our representatives bare the responsibility for who develop cancers from these chemicals. Whether it is from direct exposure or from eating the sea food it's run off inflicts.

Why destroy so much life for a singe benefit? These chemicals do not go away - they stay and kill over and over for eternity. We have doomed our planet.

Would we not unite and rise up to survive an enemy, who would kill us all. Should we stand together now?

These pesticides KILL all life, weeds, insects, birds, bees,, livestock, pets and people, not instantly always, but over time.

The bigger we are the more it takes. And the bigger they come the bigger they fall. Cancer is now the leading cause of death in the US, one out of two people will get cancer and spend more money than they could earn in a lifetime trying to survive.

Our scientist inform us that certain chemicals cause cancer and death. However, the truth is all man made chemicals cause cancer and death. Once any research is done, every chemical will prove toxic. The chemical companies know this and oppose all testing. That is all you need to know to pass protective legislation.

We must move toward health and avoidance of danger and dangerous chemicals. We will never be able to successfully or economically treat that which could have been prevented by you.

Blessing to all,

Dr. John and Debra Nix, Kihei

HB-1665

Submitted on: 2/4/2020 10:03:24 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Gary Hooser	Individual	Support	No

Comments:

Strong support. The science (except Monsanto scientists), the medical community and the courts have already weighed in on this one.

HB-1665

Submitted on: 2/4/2020 10:14:29 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Tony Radmilovich	Individual	Support	No

Comments:

Strongly support!

February 5, 2020

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

Rep. Sylvia Luke, Chair
Rep. Ty. J.K. Cullen, Vice Chair
House Committee on Finance

Rep. Chris Lee, Chair
Rep. Joy A. San Buenaventura, Vice Chair
House Committee on Judiciary

Rep. Roy M. Takumi, Chair
Rep. Linda Ichiyama, Vice Chair
House Committee on Consumer protection and Commerce

RE: HB1665 **RELATING TO HEALTH.**
Prohibits the use of any pesticide containing glyphosate as an active ingredient

DATE: Tuesday, February 5, 2020
TIME: 9:15 AM
PLACE: Conference Room 312, State Capitol
415 South Beretania Street

Aloha,

My name is Teal Sargent. I am a long term resident on the island of Kaua'i, Hawai'i. I am a mother, Full-time employee at Child and Family Services as a Therapist. It is great pleasure that I write today to **strongly support** HB1665, which prohibits the use of any pesticides containing glyphosate as an active ingredient. There have been many tests concluding the unsafe side effects of pesticide containing glyphosate on the environment, the health of pregnant women and the cognitive development of a child. Because of the unsafe and harmful consequences this ingredient it should be a prohibited from being used in our state.

As a mother, full-time employee and long term resident in Hawai'i this bill directly affects my family's future on the island. This pesticide threatens the health of my children as well as any unborn child I may have in the future. It also threatens the air quality, as well as, the ocean and river systems many residents depend on for survival. I feel so lucky to live on this beautiful island and would like to see it protected from being destroyed from harmful pesticides.

I strongly encourage the legislature to support HB1665 as it protects the environment and our children from its very dangerous and harmful effects.

Mahalo for the opportunity to testify.

Sincerely,
Teal Sargent
P.O. Box 366
Kilauea, Hi 96754

HB-1665

Submitted on: 2/4/2020 10:26:33 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Geneve Chong	Individual	Support	No

Comments:

I strongly support HB1665.

HB-1665

Submitted on: 2/4/2020 10:38:54 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lawrence Ford	Individual	Support	No

Comments:

decoite2 - Aurielle

From: jlee@everyactioncustom.com on behalf of Joanna Lee <jlee@everyactioncustom.com>
Sent: Monday, February 3, 2020 4:37 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Now's your chance to tell the State of Hawai'i to restrict the use of this hazardous weedkiller!

Mahalo!

Sincerely,
Joanna Lee
1111 Nuuanu Ave Honolulu, HI 96817-5183

Testifiers for HB 1665

1. A Custer
2. Airielle Peason
3. Alexander Berov
4. Amy Stephens
5. Anne Zellinger
6. Ashley Wilcox
7. Babs Miyano-Young
8. Brandon Jamile
9. David Hill
10. David Stutton
11. Debra Nix
12. Debra Vitola
13. Don Najita
14. Donna Shepherd
15. Elana Jones
16. Emmaleah Stauber
17. Eric Schragger
18. Gregory Puppione
19. Hartson Doak
20. Haydn Huntley
21. Helmut Klauer
22. Ines Silva
23. James Long
24. Jeanne Wheeler
25. Jessica Graham
26. Joanna Wheeler
27. John Nix
28. Julie Sharrer
29. K. C. Owen
30. Kalani Fukumoto
31. Katharine Owen
32. Kieba Blacklidge
33. Kristie lotu
34. Laura Ramirez
35. Lauren Ampolos
36. Laurie Leland
37. Lola Nagel
38. Lory Ono
39. Lurline Bettencourt
40. Marcel Liberge
41. Marilyn Mick
42. Mark Holland
43. Mary True
44. Michael Whelan
45. Michele Nihipali
46. Mr. and Mrs. Schroeder

47. Nalei Kahakalau
48. Patti Valentine
49. Paula Cohen
50. Peggy Schechter
51. Rachel James
52. Richard Thornhill
53. Robert Nehmad
54. Robert Wilcox
55. Shannon Rudolph
56. Sharman O'Shea
57. Sharron Cushman
58. Terry Akana
59. Terry Huth
60. Theresa Thompson
61. Thimas Milcarek
62. Tracy Paxton
63. Vance Viveiros
64. Wesley Nanamori
65. Zoe Alexander

decoite1 - Casco

From: sleepyturtle2@everyactioncustom.com on behalf of A Custer <sleepyturtle2@everyactioncustom.com>
Sent: Monday, February 3, 2020 7:12 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
A Custer
827 S Verona St Anaheim, CA 92804-4034

decoite1 - Casco

From: mauimamasun@everyactioncustom.com on behalf of Airielle Peason
<mauimamasun@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:45 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Airielle Peason
64 Ehiku Loop # E201 Kihei, HI 96753-5602

decoite1 - Casco

From: alexberov18@everyactioncustom.com on behalf of Alexander Berov <alexberov18@everyactioncustom.com>
Sent: Monday, February 3, 2020 7:45 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Alexander Berov
5721 Kaehulua Rd Kapaa, HI 96746-8224

decoite1 - Casco

From: hammerheadamy@everyactioncustom.com on behalf of Amy Stephens
<hammerheadamy@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:23 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Amy Stephens
PO Box 13187 Lahaina, HI 96761-8187

decoite1 - Casco

From: azmole@everyactioncustom.com on behalf of Anne Zellinger
<azmole@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:52 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Anne Zellinger
PO Box 1031 Waialua, HI 96791-1031

decoite1 - Casco

From: ashzz@everyactioncustom.com on behalf of Ashley Wilcox
<ashzz@everyactioncustom.com>
Sent: Monday, February 3, 2020 7:39 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Ashley Wilcox
45 Pualu Loop Lahaina, HI 96761-9187

decoite1 - Casco

From: binhawaii1234@everyactioncustom.com on behalf of Babs Miyano-Young
<binhawaii1234@everyactioncustom.com>
Sent: Monday, February 3, 2020 9:40 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Babs Miyano-Young
2563 Pacific Heights Rd Apt E Honolulu, HI 96813-1051

decoite1 - Casco

From: bjamile11@everyactioncustom.com on behalf of Brandon Jamile <bjamile11@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 10:56 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Brandon Jamile
3608 Likini St Honolulu, HI 96818-2107

decoite1 - Casco

From: dph0277@everyactioncustom.com on behalf of David Hill <dph0277@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:57 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

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Mahalo!

Sincerely,
David Hill
82 -676 Kamakani St Captain Cook, HI 96704-7914

decoite1 - Casco

From: malamaourworld@everyactioncustom.com on behalf of David Sutton
<malamaourworld@everyactioncustom.com>
Sent: Monday, February 3, 2020 8:30 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

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Mahalo!

Sincerely,
David Sutton
7561 Koolau Rd Kilauea, HI 96754-5579

decoite1 - Casco

From: info@everyactioncustom.com on behalf of Debra Nix <info@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:50 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Debra Nix
PO Box 808 Kihei, HI 96753-0808

decoite1 - Casco

From: tcb609@everyactioncustom.com on behalf of Debra Vitola <tcb609@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:29 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

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Mahalo!

Sincerely,
Debra Vitola
77 -6538 Naniloa Dr Kailua Kona, HI 96740-2426

decoite1 - Casco

From: kamaaina@everyactioncustom.com on behalf of Don Najita
<kamaaina@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:37 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Don Najita
PO Box 11737 Honolulu, HI 96828-0737

decoite1 - Casco

From: dsue@everyactioncustom.com on behalf of Donna Shepherd
<dsue@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 10:10 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Donna Shepherd
73 -1162 Oluolu St Kailua Kona, HI 96740-9445

decoite1 - Casco

From: emortsac@everyactioncustom.com on behalf of Elana Jones
<emortsac@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:11 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Elana Jones
75 -5660 Kopiko St Ste # C7 Kailua Kona, HI 96740-3122

decoite1 - Casco

From: ellierae808@everyactioncustom.com on behalf of Ellie Marshman <ellierae808@everyactioncustom.com>
Sent: Monday, February 3, 2020 10:00 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

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Mahalo!

Sincerely,
Ellie Marshman
108 Kanani Rd Kihei, HI 96753-8791

decoite1 - Casco

From: emmaleah@everyactioncustom.com on behalf of Emmaleah Stauber
<emmaleah@everyactioncustom.com>
Sent: Monday, February 3, 2020 9:14 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

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Mahalo!

Sincerely,
Emmaleah Stauber
4511 Kawaihau Road Kapaa, HI 96746

decoite1 - Casco

From: peschrager@everyactioncustom.com on behalf of Eric Schrager
<peschrager@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 8:17 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

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Mahalo!

Sincerely,
Eric Schrager
91 -1701 Alanui Mauka Pl Ewa Beach, HI 96706-1906

decoite1 - Casco

From: gpuppione@everyactioncustom.com on behalf of Gregory Puppione
<gpuppione@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:54 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

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Mahalo!

Sincerely,
Gregory Puppione
563 Kamoku St # A-5 Honolulu, HI 96826-5245

decoite1 - Casco

From: hartson.doak@everyactioncustom.com on behalf of Hartson Doak
<hartson.doak@everyactioncustom.com>
Sent: Monday, February 3, 2020 7:13 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

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Mahalo!

Sincerely,
Hartson Doak
330 Thomas St Wahiawa, HI 96786-2426

decoite1 - Casco

From: haydn.huntley@everyactioncustom.com on behalf of Haydn Huntley
<haydn.huntley@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:10 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

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I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Haydn Huntley
582 Hoene St Makawao, HI 96768-8065

decoite1 - Casco

From: helmut@everyactioncustom.com on behalf of Helmut Klauer
<helmut@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:36 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Helmut Klauer
PO Box 2208 Paha, HI 96778-2201

decoite1 - Casco

From: iness3403@everyactioncustom.com on behalf of Ines Silva <iness3403@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 10:07 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Ines Silva
16 -6396 Kihapai Pl Keaau, HI 96749

decoite1 - Casco

From: daegnut@everyactioncustom.com on behalf of James Long
<daegnut@everyactioncustom.com>
Sent: Monday, February 3, 2020 9:14 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
James Long
PO Box 290 Naalehu, HI 96772-0290

decoite1 - Casco

From: aiannanoa@everyactioncustom.com on behalf of Jeanne Wheeler
<aiannanoa@everyactioncustom.com>
Sent: Monday, February 3, 2020 7:08 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I strongly SUPPORT HB1665 - which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing both a public and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Please also support HB1665. Mahalo!

Sincerely,
Jeanne Wheeler
12 -4271 Kona St Pahoia, HI 96778-7859

decoite1 - Casco

From: JessicaGraham1@everyactioncustom.com on behalf of Jessica Graham <JessicaGraham1@everyactioncustom.com>
Sent: Monday, February 3, 2020 8:06 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Jessica Graham
471 Hinano Way Apt A Kailua, HI 96734-5514

decoite1 - Casco

From: joannaction@everyactioncustom.com on behalf of Joanna Wheeler
<joannaction@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 10:28 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Joanna Wheeler
4914 Hekili Rd Kapaa, HI 96746-1905

decoite1 - Casco

From: nix@everyactioncustom.com on behalf of John Nix <nix@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:49 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

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Mahalo!

Sincerely,
John Nix
PO Box 808 Kihei, HI 96753-0808

decoite1 - Casco

From: harpiano@everyactioncustom.com on behalf of Julie Sharrer
<harpiano@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 6:20 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Julie Sharrer
PO Box 1851 Pahoehoe, HI 96778-1851

decoite1 - Casco

From: RNKOWEN@everyactioncustom.com on behalf of K.C.Owen
<RNKOWEN@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:24 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

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Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
K. C. Owen
1165 Kukila St Honolulu, HI 96818-1953

decoite1 - Casco

From: kalani.fukumoto@everyactioncustom.com on behalf of Kalani Fukumoto
<kalani.fukumoto@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:56 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

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Mahalo!

Sincerely,
Kalani Fukumoto
PO Box 61651 Honolulu, HI 96839-1651

decoite1 - Casco

From: RNKOWEN@everyactioncustom.com on behalf of Katharine Owen
<RNKOWEN@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:01 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

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Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Katharine Owen
1165 Kukila St Honolulu, HI 96818-1953

decoite1 - Casco

From: kiebablacklidge@everyactioncustom.com on behalf of Kieba Blacklidge
<kiebablacklidge@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 8:15 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

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Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Kieba Blacklidge
12 -537 Diamond Head Dr Pahoehoa, HI 96778-7822

decoite1 - Casco

From: Kristie.k11@everyactioncustom.com on behalf of Kristie lotu <Kristie.k11@everyactioncustom.com>
Sent: Monday, February 3, 2020 7:04 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

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Mahalo!

Sincerely,
Kristie lotu
MALAMAAINA Anahola, HI 96703

decoite1 - Casco

From: lauraramirez87@everyactioncustom.com on behalf of Laura Ramirez <lauraramirez87@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:00 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

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Mahalo!

Sincerely,
Laura Ramirez
4510 Kawaihau Rd Kapaa, HI 96746-1922

decoite1 - Casco

From: laurenelaine721@everyactioncustom.com on behalf of Lauren Ampolos
<laurenelaine721@everyactioncustom.com>
Sent: Monday, February 3, 2020 9:35 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

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Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Lauren Ampolos
415 Dairy Rd Ste E323 Kahului, HI 96732-2348

decoite1 - Casco

From: laurie_leland@everyactioncustom.com on behalf of Laurie Leland
<laurie_leland@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:24 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

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Mahalo!

Sincerely,
Laurie Leland
872 Maluniu Ave Kailua, HI 96734-1944

decoite1 - Casco

From: lauren.nagle14@everyactioncustom.com on behalf of Lola Nagel <lauren.nagle14@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 8:43 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

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Mahalo!

Sincerely,
Lola Nagel
388 Kinaole Cir Kihei, HI 96753-8945

decoite1 - Casco

From: kealelani@everyactioncustom.com on behalf of Lory Ono
<kealelani@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 10:58 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Lory Ono
44 -022 Nohokai Pl Kaneohe, HI 96744-2543

decoite1 - Casco

From: lurline94510@everyactioncustom.com on behalf of Lurline Bettencourt <lurline94510@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:59 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

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Mahalo!

Sincerely,
Lurline Bettencourt
4510 Kawaihau Rd Kapaa, HI 96746-1922

decoite1 - Casco

From: pmasiac@everyactioncustom.com on behalf of Marcel Liberge
<pmasiac@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 6:49 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Marcel Liberge
PO Box 277 Murphy, OR 97533-0277

decoite1 - Casco

From: m2@everyactioncustom.com on behalf of Marilyn Mick <m2@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:09 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

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Mahalo!

Sincerely,
Marilyn Mick
3773 Kanaina Ave Apt 207 Honolulu, HI 96815-4406

decoite1 - Casco

From: backstop7@everyactioncustom.com on behalf of Mark Holland <backstop7@everyactioncustom.com>
Sent: Monday, February 3, 2020 7:58 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Mark Holland
2430 S Kihei Rd Kihei, HI 96753-6297

decoite1 - Casco

From: streamgirlll@everyactioncustom.com on behalf of Mary True
<streamgirlll@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:33 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Mary True
PO Box 1020 Pepeekeo, HI 96783-1020

decoite1 - Casco

From: michael@everyactioncustom.com on behalf of Michael Whelan
<michael@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 6:57 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Michael Whelan
66 -1667 Waiaka Pl Kamuela, HI 96743-8306

decoite1 - Casco

From: nihipalim001@everyactioncustom.com on behalf of Michele Nihipali <nihipalim001@everyactioncustom.com>
Sent: Monday, February 3, 2020 7:49 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Michele Nihipali
54 -074 Kamehameha Hwy # A Hauula, HI 96717-9647

decoite1 - Casco

From: daysevens@everyactioncustom.com on behalf of Mr.and Mrs.Schroeder
<daysevens@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:29 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Mr. and Mrs. Schroeder
603 Ilimano St Kailua, HI 96734-1832

decoite1 - Casco

From: haloa@everyactioncustom.com on behalf of Nalei Kahakalau
<haloa@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:15 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Nalei Kahakalau
PO Box 1764 Honokaa, HI 96727-1764

decoite1 - Casco

From: wisevalentine@everyactioncustom.com on behalf of Patti Valentine
<wisevalentine@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 3:43 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Patti Valentine
5301 Kalalea View Dr Anahola, HI 96703

decoite1 - Casco

From: alohaphap@everyactioncustom.com on behalf of Paula Cohen
<alohaphap@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:54 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Paula Cohen
3854 Ahonui Pl Princeville, HI 96722-5530

decoite1 - Casco

From: peggyflute@everyactioncustom.com on behalf of Peggy Schechter
<peggyflute@everyactioncustom.com>
Sent: Monday, February 3, 2020 7:52 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Peggy Schechter
1154 Pulehu Rd Kula, HI 96790-8314

decoite1 - Casco

From: rjgraham.maui@everyactioncustom.com on behalf of Rachel James
<rjgraham.maui@everyactioncustom.com>
Sent: Monday, February 3, 2020 8:58 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Rachel James
220 Puanani Pl Kula, HI 96790-8487

decoite1 - Casco

From: rickthornhill12@everyactioncustom.com on behalf of Richard Thornhill <rickthornhill12@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:42 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Richard Thornhill
4141 Queen Emmas Dr Princeville, HI 96722-5541

decoite1 - Casco

From: rnehmad@everyactioncustom.com on behalf of Robert Nehmad
<rnehmad@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:45 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Robert Nehmad
935 Kauku Pl Honolulu, HI 96825-1309

decoite1 - Casco

From: bertzz@everyactioncustom.com on behalf of Robert Wilcox
<bertzz@everyactioncustom.com>
Sent: Monday, February 3, 2020 7:24 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Robert Wilcox
45 Pualu Loop Lahaina, HI 96761-9187

decoite1 - Casco

From: shannonkona@everyactioncustom.com on behalf of Shannon Rudolph
<shannonkona@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 8:07 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Shannon Rudolph
PO Box 243 Holualoa, HI 96725-0243

decoite1 - Casco

From: sharman808@everyactioncustom.com on behalf of Sharman O'Shea <sharman808@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:29 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Sharman O'Shea
PO Box 966 Naalehu, HI 96772-0966

decoite1 - Casco

From: reikimastertaichichih@everyactioncustom.com on behalf of Sharron Cushman
<reikimastertaichichih@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:07 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Sharron Cushman
2238 Kilauea Ave Hilo, HI 96720-5310

decoite1 - Casco

From: terrysueakana@everyactioncustom.com on behalf of Terry Akana
<terrysueakana@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 7:44 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Terry Akana
91 -1053 Maulihiwa St Kapolei, HI 96707-2915

decoite1 - Casco

From: tl_huth@everyactioncustom.com on behalf of Terry Huth
<tl_huth@everyactioncustom.com>
Sent: Monday, February 3, 2020 9:50 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Terry Huth
2366 Puu Mala Pl Kihei, HI 96753-7146

decoite1 - Casco

From: ranchgirl808@everyactioncustom.com on behalf of Theresa Thompson <ranchgirl808@everyactioncustom.com>
Sent: Monday, February 3, 2020 8:19 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Theresa Thompson
989 Hiehie St Makawao, HI 96768-9317

decoite1 - Casco

From: seesaints@everyactioncustom.com on behalf of Thomas Milcarek
<seesaints@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 10:02 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

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Mahalo!

Sincerely,
Thomas Milcarek
68 -078 Au St Apt 103 Waialua, HI 96791-9460

decoite1 - Casco

From: tracyapaxton@everyactioncustom.com on behalf of Tracy Paxton
<tracyapaxton@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 5:53 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Tracy Paxton
679 S Kihei Rd Kihei, HI 96753-7587

decoite1 - Casco

From: kamuela_vance@everyactioncustom.com on behalf of Vance Viveiros
<kamuela_vance@everyactioncustom.com>
Sent: Monday, February 3, 2020 8:38 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

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Mahalo!

Sincerely,
Vance Viveiros
1491 Makawao Ave Makawao, HI 96768-9507

decoite1 - Casco

From: wnan003@everyactioncustom.com on behalf of Wesley Nanamori <wnan003@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 6:40 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

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Mahalo!

Sincerely,
Wesley Nanamori
2241 Young St Honolulu, HI 96826-2306

decoite1 - Casco

From: mauizoe@everyactioncustom.com on behalf of Zoe Alexander
<mauizoe@everyactioncustom.com>
Sent: Monday, February 3, 2020 5:09 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Zoe Alexander
222 Peahi Rd Haiku, HI 96708-5446

decoite1 - Casco

From: brentfm@everyactioncustom.com on behalf of Brent Norris
<brentfm@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 8:59 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

Strong Support HB 1665

Today I write on my behalf in strong support of HB 1665.

Glyphosate is dangerous. Regardless of the outcomes, causal defiance or lies told by Bayer (Baier, IG Farben) or their subsidiaries Monsanto et al.

Their pesticide is in our food, water. It's in baby food and our mother's wombs. At what point does an oath, ethics or constitution matter? When does doing the right thing matter? How can we trust a government that allows this to happen. Just stop and support HB 1665.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen.

Mahalo!

Sincerely,
Brent Norris
18 -1350 Volcano Rd Unit 303 Mountain View, HI 96771-3014

decoite1 - Casco

From: panther_dave@everyactioncustom.com on behalf of Dave Kisor
<panther_dave@everyactioncustom.com>
Sent: Monday, February 3, 2020 10:20 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

When Monsanto makes the poisons stronger, the plants keep adapting and someday they'll sell everybody's favorite cocktail, Agent Orange. I once worked for someone who handled it in Vietnam who believed it only killed plants. Roundup is nothing more than a slightly weaker version of AO, but it could easily go full circle and even beyond. Do you really want to subject keiki to that? I wouldn't want to be sprayed with it and I'm a broken down old man.

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

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Mahalo!

Sincerely,
Dave Kisor
14 -3444 Tutu Ln Pahoehoe, HI 96778-8115

decoite1 - Casco

From: Stephanie Seneff <seneff@csail.mit.edu>
Sent: Tuesday, February 4, 2020 9:52 AM
To: AGRtestimony
Subject: HB1665

Aloha, Representative Nakamura and Senator Kauchi:

I am writing this message in support of HB1665, which would impose a state-wide ban on the use of glyphosate.

I am a senior research scientist at MIT, and I spend nearly half of my time in Hawaii. Together with colleagues, I have published several papers on glyphosate, showing the strong correlations over time between glyphosate usage on core crops and the rising prevalence of a long list of debilitating autoimmune, neurological, metabolic and oncological diseases. My research has uncovered a plausible mechanism by which glyphosate could be a causal factor in these diseases, due to an insidious cumulative mechanism of toxicity related to its metabolic disruptions, acting as an amino acid analogue of the coding amino acid glycine. I have just completed a draft of a book on glyphosate, which will be published by Chelsea Green hopefully within the year.

We have been grossly misled by Monsanto, the producer of glyphosate, into believing the false message that glyphosate is nontoxic to humans.

Because its disruption of biological processes is slow and insidious, it is easy to design experiments that are too short-term to detect its toxic effects. The fact that there are now over 60,000 cases where it is being claimed that glyphosate was a causal factor in non-Hodgkin's lymphoma has brought much greater awareness to the general public about the risks of glyphosate exposure to human health.

I am delighted that this bill is being considered, and I sincerely hope that you will do the right thing to allow Hawaii to play a leadership role in protecting our health and that of the ecosystem.

Mahalo!

Stephanie

--

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

decoite1 - Casco

From: ss@everyactioncustom.com on behalf of Steven Slater <ss@everyactioncustom.com>
Sent: Monday, February 3, 2020 6:57 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I support of HB1665 prohibiting the use of glyphosate-based pesticides.

Glyphosate was originally patented as an antibiotic!

Recent strides in understanding the human microbiota as well as the biome of the coastal waters an soil underscore the importance of removing this broad spectrum microbial killer from our ecosystems and our bodies.

Sincerely,

Steven Slater

55 E Waipio Rd Haiku, HI 96708-5725

decoite1 - Casco

From: iamval2034@everyactioncustom.com on behalf of Val Hertzog <iamval2034@everyactioncustom.com>
Sent: Monday, February 3, 2020 8:35 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

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Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

The islands spray way too much Roundup especially on the island of Kauai. They spray near schools, the bike path and on the highway. There are safer alternatives that other states use.

I support HB1665 please do the same.

Mahalo!

Sincerely,
Val Hertzog
5306 Kahala St Kapaa, HI 96746-2219

decoite1 - Casco

From: Victor Zue <zue@csail.mit.edu>
Sent: Tuesday, February 4, 2020 9:31 AM
To: AGRtestimony
Subject: HB1665

Aloha, Representative Nakamura and Senator Kauchi,

I would like to send the strongest possible plea for you to support HB1665. My wife and I have been a resident in Princeville since 2011. Our involvement started with Bill 2491 activity in 2012, and have become increasingly aware of the harm that Glyphosate is doing on people, animal, and the environment. My wife has just completed the draft of a book on the subject and she is a world class expert.

Please show that you care about us by voting to ban Glyphosate. Be among the leaders that help to clean up then environment.

Respectively Submitted,

Victor Zue, 4043 Aloalii Drive, Princeville, HI 96722

--
Victor

=====
Victor Zue
Principal Investigator, CSAIL
Delta Electronics Professor, EECS
Massachusetts Institute of Technology
Phone: +1.617.253.8513
Assistant: Marcia Davidson (marcia@csail.mit.edu; +1.617.253.3049)
=====

HB-1665

Submitted on: 2/4/2020 11:13:49 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Colehour Bondera	Individual	Support	No

Comments:

Aloha Chair and Committee Members:

With all due respect, please accept this as unconditional support for this important piece of legislation.

While Hawaii is a unique and delicate environment and impacts of unknown chemical combinations have impact not only for intended targets, but also are harmful directly where used to beneficial organisms, including unknowing or unwarned humans, it is also through air and water movement that unintended consequences are inevitable all the way to the ocean, since our soil is so young and our agriculture is often on hillsides...

As a second generation farmer, with my farm subject to annual organic certification that ensures that we are never using chemicals that are not permitted by the USDA, it is a regular concern of mine when neighbors are spraying glyphosate, in RoundUp or other formulations.

The "inert" ingredients in the pesticide formulations are not shared with the user and there is no honest way to measure the immediate or short-term problems at hand, least of all the long-term impacts on self, workers, the farm where used (such as soil health aspects, where the micro-organisms are not visible to the naked eye), neighbors, and especially not marine life at all scales.

Let us step up and protect Hawaii and move ahead with what is already in place around the world where organic systems plans are used not only on farms but in public spaces such as schools and parks with no added costs and success rates that make the spaces much more attractive for all affected...

Thank you in advance for supporting this important piece of legislation.

Sincerely,

Colehour Bondera

KANALANI OHANA FARM

PO Box 861

Honaunau, HI 96726

Testimony to the House Committee on Agriculture

OPPOSITION TO HB 1665 prohibiting use of glyphosate

February 4, 2020

My name is Matt Lyum and I **oppose** this bill.

I am a member of the Landscape Industry Council of Hawaii, owner of Performance Landscapes (120 employees), and a nationally Landscape Industry Certified Manager.

To those of us who are trained and continually retraining with pesticides, we know that these lawsuits are emotion-driven and not fact-driven. I hold a Restricted Use Pesticide License, and am the State Chair of the Landscape Industry Council of Hawaii's Pesticide Training Committee (volunteer position). All employees at Performance Landscapes are either EPA Pesticide Handler or EPA Pesticide Worker trained. See attached recent EPA press release in response to the misinformation.

I understand that this is scary. In this age where Facebook and Twitter can post "news" without fact-checking, and Bots can spread Instagram fake "likes", some lawyers are taking advantage of fear caused by the rapid spread of misinformation.

There are over 11,000 workers in the landscape industry that maintain our Hotels, Golf Courses, Residential Properties, and **SCHOOLS**.

Roundup and/or its active ingredient glyphosate, is likely the most commonly used pesticide in Hawaii. It maintains the borders of roads and highways, stops spread of invasive species, and keeps landscape maintenance costs down for all properties. It is probably the most studied as well from a wide variety of institutions (BTW most of the glyphosate inventory is no longer produced by Monsanto, although they are named in all the lawsuits likely due to their financial strength).

I implore you as our elected officials to use facts, not media grabbing emotions, to make the right decision and kill this bill immediately and stop wasting legislative time on something already so highly regulated by the EPA, OSHA, and Dept. of Agriculture.

I do suggest instead that you make sure all pesticide applicators are current with their training. Household chemicals can be harmful to people and the environment if not used correctly, so all pesticide applicators are obligated to have adequate training and protocols for their staff.

For full disclosure, I have no vested interest in Roundup, Monsanto, Bayer or other pesticide companies. If our costs increase due to the restriction of any of our industry work tools, we will simply pass those costs on to our customers, and contribute to our high cost of living in Hawaii. Mahalo, and thank you for the opportunity to submit testimony.



Young Progressives Demanding Action
P.O. Box 11105
Honolulu, HI 96828

February 4, 2020

TO: House Committee on Agriculture
RE: Testimony in support of HB1665

Dear Representatives,

Young Progressives Demanding Action (YPDA) advocates for sound public policies that protect the public good, including public health and safety, as well as environmental protection.

A growing body of evidence is demonstrating the severe health impacts associated with exposure to glyphosate-based herbicides, such as Roundup, including increased likelihood of non-Hodgkins lymphoma, endocrine disruption, organ damage and birth defects.

In 2015, the International Agency for Research on Cancer, a division of the World Health Organization and the world's leading authority on cancer, unanimously concluded that glyphosate is "probably carcinogenic to humans." When it comes to something as serious as public health and safety, which is intimately connected with the health of the environment, "probably" should be more than enough for us to avoid these harmful chemicals.

As of 2020, more than 13,000 plaintiffs have filed suit against Monsanto in the United States alleging they developed non-Hodgkin lymphoma due to exposure to Roundup and Monsanto's other glyphosate-based weed killers. Of the three cases that have been heard to date, in each case, juries have found in favor of the plaintiffs. Internal industry documents uncovered during these trials have revealed that Monsanto suppressed evidence of health risks of its herbicides.

School groundskeepers are another at-risk population due to their potential exposure on the job. For example, DeWayne "Lee" Johnson is a former California school groundskeeper who was regularly exposed to glyphosate on the job and was diagnosed with terminal non-Hodgkin lymphoma. He was the first plaintiff to successfully sue Monsanto for his cancer. Today he is taking what time he has left to educate other groundskeepers on the health risks.

In addition to public health impacts there is an increasing body of research that suggests glyphosate-based herbicides are impacting wildlife and organisms at the base of our food chain. Chemical-based agriculture in general, we are finding, has significant drawbacks to the health of the environment and to the sustainability of our food system.

Over reliance on glyphosate-based herbicides in particular have given rise to new superweeds which are herbicide resistant. And as there exist effective and safe alternative forms of agriculture that—if given a chance to compete—would add to the biodiversity of our crop pool, strengthen the natural ecosystem’s ability to fight off pests, and democratize the food chain by allowing families to grow more of their own food, there is no good reason to continue putting people at risk to keep an international conglomerate of chemical companies rich.

Many other towns and school districts across the United States and around the world have taken similar steps to protect public health and the environment by banning glyphosate and have successfully transitioned to organic land management practices, even in climates similar to Hawai’i, with little to no cost difference. Resources are currently available to provide additional training to assist with the transitioning away from herbicide use, and we should make use of them to help move our agricultural sector into a sustainable, locally-produced, healthy, and secure future

Please pass HB1665.

Mahalo for the opportunity to testify,

Will Caron
2019–2020 Co-Chair
Action@YPDAhawaii.org

HB-1665

Submitted on: 2/4/2020 11:53:03 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
denise woods	Individual	Support	No

Comments:

Please support HB1665. The science is clear that glyphosate is an endocrine disruptor, which makes it a potent carcinogen. The people of our state deserve to be secure in the knowledge that they won't be exposed to such compounds. Please support a healthier Hawaii.

Denise Woods, RN

Testifier List 1665

1. John Naylor
2. Julia Fujioka
3. Tabatha Noel Patel

decoite2 - Aurielle

From: tabatha@everyactioncustom.com on behalf of Tabatha Noel Patel
<tabatha@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 1:23 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)
Categories: Blue Category

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Tabatha Noel Patel
41 Hua Nui Way Lahaina, HI 96761-8348

decoite2 - Aurielle

From: JFUJIOKA@everyactioncustom.com on behalf of JULIA FUJIOKA
<JFUJIOKA@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 11:47 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)
Categories: Blue Category

Dear Hawai'i State House Agriculture Committee,

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Mahalo!

Sincerely,
JULIA FUJIOKA
99 -826 Halawa Dr Aiea, HI 96701-3144

decoite2 - Aurielle

From: jdancer@everyactioncustom.com on behalf of John Naylor
<jdancer@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 1:26 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

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

decoite2 - Aurielle

From: causelessbliss@everyactioncustom.com on behalf of Melanie Cahan
<causelessbliss@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 1:36 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

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Mahalo!

Sincerely,
Melanie Cahan
888 Iwilei Rd Honolulu, HI 96817-5036

decoite2 - Aurielle

From: panther_dave@everyactioncustom.com on behalf of Dave Kisor
<panther_dave@everyactioncustom.com>
Sent: Monday, February 3, 2020 10:20 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

When Monsanto makes the poisons stronger, the plants keep adapting and someday they'll sell everybody's favorite cocktail, Agent Orange. I once worked for someone who handled it in Vietnam who believed it only killed plants. Roundup is nothing more than a slightly weaker version of AO, but it could easily go full circle and even beyond. Do you really want to subject keiki to that? I wouldn't want to be sprayed with it and I'm a broken down old man.

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Dave Kisor
14 -3444 Tutu Ln Pahoehoe, HI 96778-8115

LATE

HB-1665

Submitted on: 2/4/2020 3:26:30 PM
Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Carmie Spellman	Individual	Support	No

Comments:

Dear Honorable Legislators:

My name is Carmie Spellman and I live in Maui at the Front Street Apartments (FSA). I support the passage of HB1665! When Roundup first came out on the market my Mom used it like water with no protective gear based on the labeling. RoundUp Concentrate literally killed my mother. She thought it was a blessing as it killed the berry briars that were impossible to eliminate on 40 acres. She used RoundUP Glyphosate like water all around the house for more gardening space for roses and food. Had there been proper labeling perhaps she would still be alive today. How many people have to die before we make this illegal?

On the 1st of February 2020, one man and his son brought a gallon of RoundUP Concentrate to spray behind building one at FSA. When I asked who gave permission they mumbled a name but not anyone I know to be management.Plus it was Saturday morning. No protective gear not even gloves. I explained the consequences of what could possibly happen to them based on all the evidence. They stood there with grins on their faces not paying attention probably dreaming about what to spend their money on from that job of death!

On February 2, 2020 the area they sprayed is where children play soccer, all residents walk their animals through this area. Now it is brown and dead, everything is dead including many small birds, while the surrounding lawns are green and lush. This area is a water runoff cachement base and we are 1/2 block from the ocean. If you want to see the pictures they are on my profile on Facebook: <https://www.facebook.com/photo.php?fbid=1514506655374982&set=a.189996291159365&type=3&theater>

I beg you please prohibit (make it illegal in all of Hawaii) the useage of Glyphosate in any form especially Roundup Concentrate as it is a (since 1974) pesticide and readily available everywhere. The sooner you can make this illegal the better off for Hawaiians and vistors.

Please look at my profile pictures as it really shows how lethal this product is in less than 24 hours. In closing, there were many dead birds there on the 3rd of February and I suspect other animals are dying or ill now from eating what was laying

around. That man and his young son were not wearing gloves, they had on short sleeved tshirts and sandals. I support this bill but want you to make it a law ASAP to make this toxic substance illegal.

Lastly, surrounding that sprayed area there are several tenants who are already dying from respiratory illnesses (cancer) and Roundup exacerbates that issue and prevents their ability to breath.

Sincerely,

<https://www.facebook.com/1CarmieSpellman>

Carmie Spellman, Front Street Apartments Tenant, Maui

decoite2 - Aurielle

From: ssmoore72@everyactioncustom.com on behalf of Sherrie Moore <ssmoore72@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 5:22 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Sherrie Moore
RR 3 Box 1302 Pahoia, HI 96778-7518

HB-1665

Submitted on: 2/4/2020 5:41:39 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

LATE

Submitted By	Organization	Testifier Position	Present at Hearing
Scott Valkenaar	Individual	Support	No

Comments:

I support the eradication of all petrochemicals used in the state of Hawaii. There are other methods which are more effective and better for the environment. Please support this bill.



February 4, 2020

LATE

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

Testimony in Strong Opposition to HB 1665 Relating to Health (Prohibits the use of any pesticide containing glyphosate as an active ingredient.)

Wednesday, February 5, 2020, 9:15 a.m., in Conf. Rm. 312

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 utility companies. 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 also strongly support the long-term use and protection of Important Agricultural Lands (IAL) for agricultural use, and have worked with the State Department of Agriculture (DOA), Hawaii Farm Bureau Federation, Hawaii Cattlemen's Council and other agricultural stakeholders to pass the IAL law, the purpose of which 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.

In its opposition to this proposed bill, LURF must emphasize that it clearly is not opposed to measures intended to protect public health and safety, or to efforts made to protect the community from exposure to chemicals properly and lawfully determined by science and research to be harmful. LURF must, however, **oppose HB 1665**, which may be well-intended, but misrepresents facts; is not based on reliable facts or research; lacks consultation with and support of key agricultural stakeholders; would have the unintended negative consequences of prohibiting the use of private property and agricultural lands, as well as resulting in harmful consequences to people, vegetation and the environment; and could be counter-productive to the State's goals relating to agricultural sustainability.

HB 1665. The stated purpose of this measure is to prohibit the use of any pesticide containing glyphosate as an active ingredient.

The unfortunate and unintended effect of this unfounded bill, however, will be, amongst other things, to impede the State's efforts to attain agricultural sustainability, as well as unnecessarily prohibit the use of agricultural lands by farmers, ranchers and other agricultural stakeholders, as well as use of private property by private landowners who are not engaged in agricultural activities.

LURF supports science-based government laws and regulations related to the voluntary disclosure and notification of pesticide use which are a result of the expertise of the EPA, as well as the DOA's Pesticide Branch, in collaboration with the DOH, the University of Hawaii College of Tropical Agriculture and Human Resources, federal agencies, county governments, and the agricultural operators who are trained, and certified to safely use pesticides (collectively Agricultural and Pesticide Experts and Stakeholders).

Given the facts and circumstances, LURF must **oppose HB 1665** because this measure:

1. Reflects a failure to consult with, seek input from and collaborate with the Agricultural and Pesticide Experts and Stakeholders;
2. Fails to take into regard EPA's current system of pesticide testing, approval and regulation, which includes years of study and tests based on scientific research to reduce risk and ensure health and safety;
3. Is contrary to the statutory responsibilities and regulatory framework of HRS Chapter 149-A, the Hawaii Pesticides Law, which specifically designates the DOA as the state agency that is responsible for regulating pesticides; and
4. Lacks the support of reliable evidence or studies.

LURF's Opposition to HB 1665 is Based on the Following Facts and Concerns:

- **The EPA closely regulates, registers, monitors and imposes science-based restrictions and prohibitions on the application of pesticides.** The EPA strictly regulates all pesticides, especially restricted use pesticides, and does not allow pesticide to be marketed or used unless it deems that the product can be used safely and without unreasonable adverse effects on health and the environment. The EPA already evaluates and registers pesticides to ensure that they will not harm people, non-target species, or the environment.

LURF understands that pesticide registrants who use products around sensitive population centers must provide the EPA with proof of their safety through multiple rigorous studies designed by the EPA to ensure safe use protocols are developed; and EPA specifically establishes use requirements in recognition of the uses in such settings. When EPA's scientific evaluation determines that buffers, including vegetative buffers, are necessary to protect surrounding communities or sensitive populations, that requirement is imposed by the product label and

enforced. Registered commercial agricultural farming operations are already legally required to comply with these safeguards as part of their EPA application protocols.

- **A prohibition of the use of private lands resulting from HB 1665, could create an unconstitutional “regulatory taking,” because it restricts the use of private lands without just compensation.** LURF believes that land owners affected by this proposed measure can successfully assert that the restrictions on use of private lands can be said to force them to surrender the use of such lands without just compensation, in violation of Article I, Section 5 of the Hawaii’s State Constitution (“*No person shall be deprived of life, liberty or property without due process of law, nor be denied the equal protection of the laws...*”), as well as the Fifth Amendment (“*Nor shall private property be taken for public use, without just compensation.*”) and 14th Amendment (application to the states) of the United States Constitution.

The United States Supreme Court has held that a “regulatory taking” occurs when government regulation limits the uses of private property to such a degree that the regulation effectively deprives the property owners of economically reasonable use or value of their property to such an extent that it deprives them of utility or value of that property, even though the regulation does not formally divest them of title to it. Under such circumstances, the government action proposed by this bill could be deemed a violation of the Fifth Amendment of the U.S. Constitution.

LURF believes the situation is especially concerning with respect to private lands (including agricultural lands) where prohibiting agricultural production on otherwise useable farmlands, or the inability to effectively manage vegetation resulting in dangerous or hazardous conditions by the creation of noxious habitat for invasive species of plants, insects and animals, may constitute a “taking” of private property.

When it comes to measures impacting the rights of private landowners, the law and the courts have established strict rules, which are based upon and embody the general principle **that any enactment affecting private property rights must bear a substantial relation to the public health, safety, or general welfare.**

Despite the intent of Bill 1665 purportedly being for the protection of public health, safety and welfare, this Committee should be aware that in the event a land use regulation operates to deprive the owner of beneficial economic use of the property, there exists an issue as to whether that owner may be entitled to monetary compensation under the Fifth and Fourteenth Amendments to the U.S. Constitution. And most significantly, as applied to the subject Bill, U.S. courts have recently even considered temporary land use controls such as bans,

moratoria and prohibitions to amount to a deprivation of beneficial use in the property (i.e., a “taking”), potentially entitling landowners to compensation.¹

Importantly, what is at stake here is the constitutional and vested rights of private property owners, large and small, which should not be improperly or negligently affected unless the State can prove a proportionality between the effects of the pesticides sought to be prohibited and the State’s proposed uncompensated taking.² In the absence of such proof, the State may be subject to legal challenge and liability for “just compensation.” Such litigation is foreseeable and could likely cost the State substantial sums to defend.

- **This measure will unnecessarily and negatively restrict commercial agricultural farming operations.** The bill could impose restrictions on every category of agricultural production which would reduce the income of farmers by prohibiting agricultural production on useable farmlands, thereby increasing the already unsustainable costs currently suffered by agricultural stakeholders.
- **This bill could have broad, unnecessary, and negative financial consequences on sustainable and diversified agriculture and Important Agricultural Lands.** This measure negatively impacts agriculture in Hawaii, by restrictions that prohibit agriculture uses on agricultural lands and reduce the acreage of agricultural production. These prohibitions have a negative impact on large agricultural operations and IAL landowners; and identical negative impacts on smaller affordable parcels of agricultural lands sub-leased by those landowners to new, small, and family farmers who produce sustainable or diversified agricultural products.
- **HB 1665 will exacerbate losses and destruction to the State already being caused by invasive species.** Invasive species such as insects, disease-bearing organisms, weeds, and other pests pose the greatest threat to Hawaii's economy, tourism, agriculture, the natural environment, native species and to the health and lifestyle of Hawaii's people. Invasive species already cause millions of dollars in crop losses, the extinction of native species, the destruction of native wet, moist and dry land forests, and the spread of disease, but many more harmful pests such as those that carry Rat Lung Worm disease and the Little Fire Ant now threaten to invade all of the Hawaiian Islands and wreak further damage, including damage to the State’s top grossing agricultural commodities.

¹ See, e.g., *Agins v. Tiburon*, 24 Cal.3d 266 (Sup. Ct. of Calif., 1979), *aff'd on oth. grds.*, 447 U.S. 255 (1980).

² At issue specifically, is the constitutionally protected private property rights of landowners as well as the vested rights of property owners and others who have heretofore lawfully complied with necessary statutory and regulatory requirements relating for example, to zoning, and land use.

Despite efforts to control the spread of such invasive species, methods must be implemented and maintained to control the incursions. Pesticides containing glyphosate are an important and necessary means to mitigate the threats and impacts of uncontrolled spread of invasive species to avoid devastation of the State's agricultural industry, as well as restore Hawaii's habitat and environment.

- **Significant Costs May Need to be Incurred to Implement HB 1665.** While this proposed Bill proposes to ban use of pesticides containing glyphosate, alternatives to such use may not come without a significant cost to the State. Manual labor required to replace the work and time saved by identified pesticides, may **drastically increase maintenance costs, as well as increase the potential for worker injury from equipment and performance of work in hazardous areas.** State departments should be consulted to confirm need for alternative resources, additional manpower, and funding required to implement and comply with the proposed measure.

Based on the concerns articulated above, LURF believes it would be unreasonable, if not irresponsible for this Committee to support this proposed prohibition without thorough review and analysis of the currently available facts, information and scientific evidence relating to the identified pesticides and the legality and appropriateness of such a prohibition;³ legitimacy of the present need for such a prohibition; clearer articulation of the use of the prohibited pesticides, activities affected and contemplated continued regulation thereof; and further consideration of the potential consequences of such a prohibition affecting public safety, and must therefore recommend **deferral of this proposed measure.**

Thank you for the opportunity to provide comments regarding this matter.

³ While LURF understands that the alleged purpose of the proposed prohibition is to protect the public health, safety and general welfare, sufficient facts, information and conclusive evidence, as well as **valid need** for the measure must nevertheless **presently exist** to legally support the imposition of such a ban or prohibition, particularly in this type of situation where the potential deprivation of constitutional and vested rights is at stake.

HB-1665

Submitted on: 2/4/2020 6:17:25 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Julie Patry	Individual	Support	No

Comments:

Aloha,

I strongly support this bill to ban the use of glyphosate-based pesticides in Hawaii. I believe this pesticide is the next "Agent Orange" as we learn more about the health affects of glyphosate. Please act now to protect Hawaii.

Sincerely,

Julie Patry

LATE



Progressive Democrats of Hawai'i

<http://pd-hawaii.com>

PO Box 51 Honolulu HI 96810

email: info@pd-hawaii.com

February 3, 2020

To: Representative RICHARD CREAGAN, Chair
Representative LYNN DeCOITE, Vice Chair, and Members of the
HOUSE COMMITTEE ON AGRICULTURE

Re: HB 1665, **Prohibiting use of pesticides containing Glyphosate**
Hearing: Wednesday, February 5, 2020, 9:15 a.m., Room 312
Position: **Strong Support**

Aloha, Chair Creagan, Vice Chair DeCoite, and Members of the Committee,

Progressive Democrats of Hawai'i strongly support HB 1665. This bill would prohibit the use of pesticides that contain Glyphosate as an active ingredient. Glyphosate has been demonstrated as a carcinogen in many states. It is long past time to prohibit its use.

Thank you very much for the opportunity to testify on this important issue.

Alan B. Burdick, Co-Chair
Progressive Democrats of Hawai'i
Burdick808@gmail.com/ 486-1018

LATE

HB-1665

Submitted on: 2/4/2020 9:17:34 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jeri Di Pietro	Hawai'i SEED	Support	No

Comments:



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

In opposition to HB 1665 – Relating to Health

Wednesday, Feb. 5, 9:15 am, Rm. 312

House Committees on Agriculture

Aloha Chair Creagan and members of the committee,

CropLife America (CLA) is the national association representing manufacturers, formulators, and distributors of pesticides products used in agriculture production. We support and promote scientific-based policy in the regulation of pesticide products at both the state and federal level. We are opposed to HB 1665.

The state legislature continues to burden farmers with unnecessary mandates that inhibit their ability to meet the food security and self-sufficiency goals set by Governor Ige. The Hawaii State Department of Agriculture previously reported that **homeowner misuse** of pesticides caused the evacuation of 14 schools in the past 10 years. Farmers were not the cause. And not one of those incidents was attributed to glyphosate.

Glyphosate is one of the most widely used herbicides in the world – for both home and commercial use, and it is the most studied of all pesticides. Banning the use of glyphosate will only result in the increased use of other more toxic pesticides. Just as logical and sensible people can agree on the scientific evidence around climate change, its important to weigh the overwhelming scientific evidence that shows glyphosate is one of the safest products used by farmers and homeowners alike and poses no health risk.

Thank you very much for your consideration.



Chamber of Commerce HAWAII

The Voice of Business

**Testimony to the House Committee on Agriculture
Wednesday, February 5, 2020 at 9:15 A.M.
Conference Room 312, State Capitol**

RE: HB 1665, RELATING TO HEALTH

LATE

Chair Creagan, Vice Chair DeCoite, and Members of the Committee:

The Chamber of Commerce Hawaii ("The Chamber") **opposes** HB 1665, which would prohibit the use of any pesticide containing glyphosate as an active ingredient.

The Chamber is Hawaii's leading statewide business advocacy organization, representing 2,000+ 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.

While we understand the intent of this measure, we believe this bill is not necessary. Regulatory authorities such as the U.S. Environmental Protection Agency (EPA) conduct comprehensive evaluations to ensure herbicides, such as glyphosate pose no unreasonable risk to the environment. In fact, on January 30, 2020, the EPA announced that it had concluded its regulatory review and found that glyphosate is not a carcinogen. A ban on glyphosate could potentially create negative impact on Hawaii's landscaping and tourism industries as glyphosate is the primary tool used by these industries to mitigate weed growth.

Additionally, we should also consider the impact that a proposed ban could have on farmers. Farming in Hawaii is already exceedingly difficult – the high costs of land, water, electricity, fuel, farm equipment and labor, in addition to the constant battle of keeping crops bug and weed-free are challenges that they face on a daily basis.

Thank you for the opportunity to testify.

HB-1665

Submitted on: 2/4/2020 6:54:35 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

LATE

Submitted By	Organization	Testifier Position	Present at Hearing
nathan patry	Individual	Support	No

Comments:

Aloha,

For the health of our children, I support this bill. Glyphosate-based pesticide have been proven to be harmful to people and our earth, and should no longer be used in Hawaii.

Thanks

Nathan Patry

HB-1665

Submitted on: 2/4/2020 8:48:10 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

LATE

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

Comments:

I strongly support this bill. In light of recent legal action and court rulings, our state cannot afford to allow these glyspphate products to be imported and used throughout our state.

Sincerely,

Marion McHenry

Kauai

LATE

HB-1665

Submitted on: 2/4/2020 9:42:09 PM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

HAWAII HOUSE OF REPRESENTATIVES
THE THIRTIETH LEGISLATURE
REGULAR SESSION OF 2020

COMMITTEE ON AGRICULTURE

Rep. Richard P. Creagan, Chair
Rep. Lynn DeCoite, Vice Chair

LATE

Testimony of
Paul H. Brewbaker, Ph.D., CBE
Kailua, Hawaii

Opposing HB 1665 RELATING TO HEALTH

This bill is bogus. Anti-science denialism is lame. Don't you be.

Respectfully submitted,

Paul H. Brewbaker, Ph.D., CBE

HB-1665

Submitted on: 2/5/2020 12:21:18 AM

Testimony for AGR on 2/5/2020 9:15:00 AM



Submitted By	Organization	Testifier Position	Present at Hearing
L. Ragan	Individual	Support	No

Comments:

I strongly SUPPORT HB 1665. It has been proven harmful to humans. Ultimately, passing this bill is the right thing to do. BAN all glyphosate based products.

LATE

HB-1665

Submitted on: 2/5/2020 8:03:13 AM
Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
christy gusman	Individual	Oppose	No

Comments:

We oppose this bill

Please vote it down

Mahalo Christy Gusman

Hawaii Youth Livestock Association

LATE

HB-1665

Submitted on: 2/5/2020 8:22:14 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Colleen Rost-Banik	Individual	Support	No

Comments:

Please ban the use of glyphosate-based herbicides as research shows that they are linked to major health problems. These herbicides not only impact humans, but the land and other organisms. I urge representatives to support HB1665.

Sincerely,
Colleen Rost-Banik
Honolulu resident

LATE

HB-1665

Submitted on: 2/5/2020 8:26:15 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

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

Comments:

Please SUPPORT this bill and ban glyphosate use in Hawaii. Why do we keep revisiting this issue? Science has already provided proof that this is a chemical that does harm to the ecosystem - and to our bodies. There is nothing I can put in this letter than hasn't already been said in this regard. Please ban glyphosate now, and let's be done with it. Mahalo

HB-1665

Submitted on: 2/5/2020 12:23:05 AM

Testimony for AGR on 2/5/2020 9:15:00 AM

LATE

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

Comments:

I strongly SUPPORT HB 1665. Glyphosate has been proven harmful to humans. Please ban all glyphosate-based products.

AGRtestimony

From: mark@everyactioncustom.com on behalf of Mark Damon
<mark@everyactioncustom.com>
Sent: Tuesday, February 4, 2020 8:04 PM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)



Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Mark Damon
150 Pulehunui Rd Kula, HI 96790-9718

AGRtestimony

From: gabriella1111@everyactioncustom.com on behalf of Nicole Smith <gabriella1111@everyactioncustom.com>
Sent: Wednesday, February 5, 2020 7:48 AM
To: AGRtestimony
Subject: Support for Prohibiting Glyphosate (HB1665)

LATE

Dear Hawai'i State House Agriculture Committee,

I am writing in strong support of HB1665 which prohibits the use of glyphosate-based pesticides in the State, based on the substantial risks glyphosate poses to human health.

Over the past two decades, Monsanto's ubiquitous Roundup-resistant GMOs have made glyphosate the most-used pesticide in the history of the world, causing a public health and environmental health crisis.

The world's leading cancer authorities have classified glyphosate as a probable human carcinogen. Farmers who use glyphosate are particularly at risk of getting the immune system cancer, non-Hodgkin lymphoma.

Glyphosate and its breakdown product are regularly found in surface waters, air, rainfall and soils. Sprayed in large quantities on Roundup-resistant GMOs, glyphosate has become a leading culprit in drift-related injury to traditional crops not resistant to Roundup.

Overuse of glyphosate has also triggered an epidemic of glyphosate-resistant weeds. The industry's response to these "superweeds" is to introduce "next generation" GMO crops that can be sprayed with additional pesticides to kill the glyphosate-resistant weeds, causing unprecedented damage to neighbors' crops and wild plants, a lose-lose proposition for farmers and the environment.

Mahalo!

Sincerely,
Nicole Smith
258 Hoalike St Kihei, HI 96753-7009