

SB649
TESTIMONY

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

Testimony of
WILLIAM J. AILA, JR.
Chairperson

Before the Senate Committees on
HEALTH
&
AGRICULTURE

Friday, February 8, 2013
1:45 PM
Hawai'i State Capitol, Room 229

In consideration of
SENATE BILL 649
RELATING TO HEALTH

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

Senate Bill 649 would prohibit the use, distribution and sale of glyphosate within the State of Hawai'i. The Department of Land and Natural Resources (DLNR) respectfully **opposes** this bill and offers the following comments.

Glyphosate is a very common herbicide used to control undesired plants, and is commercially available for public use as a product called Roundup. The herbicide is absorbed through leaf tissue and acts by inhibiting the production of certain enzymes, effectively stopping plant growth.

Glyphosate is used to control unwanted an invasive plants across the State of Hawai'i, including in the Northwest Hawaiian Islands, and is an important conservation tool. Glyphosate is used to control harmful, invasive plants by both the DLNR and its partners, including the island-based Invasive Species Committees. The University of Hawai'i offers Pesticide Risk trainings that are utilized by applicators of herbicide for conservation projects, ensuring minimal health risk from the use of glyphosate.

The DLNR recommends an exemption for State agencies, their agents, cooperators, and permittees. As currently written, the DLNR respectfully opposes this bill because of the use of glyphosate as a common conservation tool and the minimization of pesticide risk through training and operating procedures.



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

**TESTIMONY OF RUSSELL S. KOKUBUN
CHAIRPERSON, BOARD OF AGRICULTURE**

BEFORE THE SENATE COMMITTEES ON HEALTH AND AGRICULTURE
Friday, February 8, 2013
1:45 PM
Conference Room 229

**SENATE BILL NO. 649
RELATING TO HEALTH**

Chairpersons Green and Nishihara and Members of the Committees:

Thank you for the opportunity to provide testimony on Senate Bill No. 649. The purpose of this Act is to prohibit the sale, transfer, distribution, or use of products containing any amount of glyphosate in the State.

The Department of Agriculture opposes S.B. 649 on the basis that: (1) the need for the proposed ban has not been shown; and (2) the Legislature has authorized the Department under the Hawaii Pesticides Law to determine whether it's necessary to stop or restrict use of a particular pesticide, and to act on such determinations.

As to the lack of need for the proposed ban, the Department needs to point out that initial assessments of potential health problems related to pesticide exposure and environmental impact are conducted by the U. S. Environmental Protection Agency (EPA). The EPA is tasked with regulating the use of pesticides and has developed extensive guidelines and protocols that applicants and registrants use in developing the required data for pesticide product registration. EPA reviews that scientific data and reports submitted by registrants and when the product is registered, it has been determined to be safe for use if used according to label directions.

Glyphosate, the active ingredient in a number of pesticide products, is rated by EPA as among the least dangerous in comparison to other herbicides and pesticides. Glyphosate products are used by applicators in agriculture, the landscaping industry, the hotel industry, by Federal, State and County workers, and invasive species groups to control and manage terrestrial and aquatic plant pests. The judicious use of glyphosate helps to reduce manpower, man hours and return time resulting in reduced personnel costs, maintained real property values, and aesthetics. Some products containing glyphosate, such as Roundup, are general application products available for homeowner and agricultural use.



As to the Department's authority to act in this area, an important function for the Department's Pesticides Branch is the licensing of pesticides products for sale and distribution in the State. Under the Hawaii Pesticides Law, section 149A-14, Hawaii Revised Statutes, the Department can refuse to license a pesticide that the Department determines will present certain risks, or can restrict these products' use to only certified applicators, if appropriate. To protect health and the environment, the Department can suspend or cancel the license for a pesticide, subject to hearing, if the Department has determined that continued use of the pesticide will result in unreasonable adverse effects on the environment, including human health. Sections 149A-14(b) - 149A-14(c), HRS. The Department has acted on this authority in the past when the scientific evidence supported it.

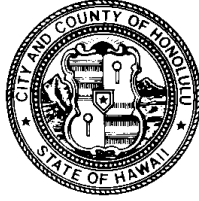
We strongly believe that there is no sufficient reason at present to prohibit the use of all pesticide products containing the active ingredient glyphosate, or to stop their sale, distribution, or transfer in the State of Hawaii.

Thank you for this opportunity to present our testimony.

DEPARTMENT OF ENTERPRISE SERVICES
CITY AND COUNTY OF HONOLULU

ALA WAI GOLF COURSE

404 KAPAHULU AVENUE, HONOLULU, HAWAII 96815
PHONE: (808) 733-7384 * FAX: (808) 735-4220 * INTERNET: www.honolulu.gov



February 7, 2013

Testimony Against Senate Bill N.O. 649

Senate Committee on Health & Agriculture

Ala Wai Golf Course continues to be the busiest golf course in the state of Hawaii and even one of the busiest in the United States of America. On a yearly basis, we average over 100,000+ rounds of golf! The staff at Ala Wai Golf Course is tasked to maintain and upkeep quality playing conditions for the general public. We take great pride in providing an enjoyable and pleasant golfing experience for the people we serve on a daily basis.

Ala Wai Golf Course continues to face the challenges of being able to maintain the golf course with a tight budget and being short-staffed. With having to maintain a golf course of 140+ acres, we heavily rely upon the application of glyphosate products (i.e. RoundUp) to control weeds around the perimeters of the golf course, around tree basins and inside of golf course bunkers. The application of glyphosate products help offset the issues of being short-staffed and having a tight budget.

All pesticide applications on the golf course are applied from licensed Dept. of Agriculture Category 3 (Ornamental & Turf) applicators, so they are properly trained on mixing, handling and applying all golf course pesticides. Likewise, the entire Ala Wai Golf Course staff is trained on all NPDES (National Pollutant Discharge Elimination System) and SWPCP (Storm Water Pollution Control Plan) topics, which includes properly mixing, handling and applying pesticides.

Please feel free to contact me if you have any questions or concerns regarding this testimony against Senate Bill N.O. 649.

Mahalo,

Jordan K. Abe
Ala Wai Golf Course Superintendent
C & C Honolulu Dept. of Enterprise Services
404 Kapahulu Ave.
Honolulu, HI. 96815
Office: 733-7384
Email: jabe@honolulu.gov

ALAN M. ARAKAWA
Mayor

DAVID C. GOODE
Director

ROWENA M. DAGDAG-ANDAYA
Deputy Director

Telephone: (808) 270-7845
Fax: (808) 270-7955



Development Services Administration

CARY YAMASHITA, P.E.
Engineering Division

BRIAN HASHIRO, P.E.
Highways Division

COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
200 SOUTH HIGH STREET, ROOM NO. 434
WAILUKU, MAUI, HAWAII 96793

February 5, 2013

Honorable Clarence K. Nishihara, Chair
and Members of the Committee on Agriculture
Honorable Josh Green, Chair
and Members of the Committee on Health
Hawaii State Senate
State Capitol, Room Nos. 204 and 215
415 South Beretania Street
Honolulu, Hawaii 96813

Dear Chairs Nishihara and Green and Members:

RE: SB 648 AND 649 RELATING TO HEALTH

Thank you for the opportunity to submit testimony on the subject bills. The County of Maui Department of Public Works OPPOSES the subject bills and asks that they not move forward.

SB 648 would prohibit the use of glyphosate (commonly referred to as Round Up) for "cosmetic" purposes, but allow its use for "preservation and promotion of public health and safety". All of our uses, which are done by our Highways Division primarily in Corps of Engineers (COE) and the Department of Land and Natural Resources (DLNR) Dam Safety Program regulated drainage and flood control structures, as well as limited application on road shoulders, are for public health and safety reasons. However, our experience is that if this bill is passed, we will have to field complaints that our use is illegal and will need to expend unnecessary resources dealing with these complaints. Additionally, the bill could be a stepping stone to an outright ban as proposed in SB 649.

SB 649 would outright prohibit the use of glyphosate. This would greatly negatively affect our operations financially. Maintenance work would not have been completed in time to accommodate these inspection deadlines imposed by the COE or DLNR. The maintenance accountability of numerous drainage channels and flood diversion channels would have unfavorable impacts to the health and welfare of the

Honorable Clarence K. Nishihara and Josh Green, Chairs and Members of the
Committees on Agriculture and Health

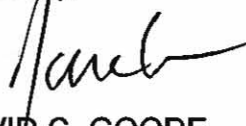
February 5, 2013

Page 2

community we are asked to protect. Lastly, other important duties such as road and shoulder repairs, sidewalk and bridge maintenance will be pushed back in order to labor-intensively address plant growth throughout our regulated drainage facilities.

Mahalo for the opportunity to comment.

Sincerely,

A handwritten signature in black ink, appearing to read "David C. Goode". The signature is fluid and cursive, with a long horizontal stroke at the end.

DAVID C. GOODE
Director of Public Works

DCG:jso

s:\david2\testimony sb 648 and 649 re prohibition of glyphosate 2.5.12



SENATE HEARING
Committee on Health / Committee on Agriculture
Friday, February 8, 2013
1:45PM, Conference Room 229
State Capitol, 415 South Beretania Street

Testimony OPPOSING SB649

Prohibits the sale, transfer, distribution, and use of any product containing any amount of glyphosate within the State

Aloha Chair Green, Chair Nishihara, Vice Chair Baker, Vice Chair Kouchi and Respected Committee Members:

I strongly oppose SB649.

Glyphosate agricultural herbicides are among the world's most widely used herbicides. Their long history and proven safety record, effectiveness and versatility are the reasons this product is in such demand.

Banning the use of a safe, legal and cost effective product would significantly affect the greater majority of businesses, citizens, government and its municipalities, by omitting the choice of a reliable product that is environmentally safe to use.

Limiting choices based on dislikes or ideological preferences, and not good peer reviewed science, is not a compelling or convincing reason to prohibit a use. We need sound laws that are conducive to economic growth and sensitive to economic recovery.

Below are quotations from three major works that assess the overall glyphosate weight of evidence. The links are also included for your convenience:

EPA Re-registration Eligibility Decision: Glyphosate (September 1993):

Fact Sheet: <http://www.epa.gov/oppsrrd1/REDs/factsheets/0178fact.pdf>

Full RED: http://www.epa.gov/oppsrrd1/REDs/old_reds/glyphosate.pdf

- "Several chronic toxicity/carcinogenicity studies...resulted in no effects...or resulted in findings that glyphosate was not carcinogenic in the study. In June 1991, EPA classified glyphosate as a Group E oncogen--one that shows evidence of non-carcinogenicity for humans."
- "Based on current data, EPA has determined that the effects of glyphosate on birds, mammals, fish and invertebrates are minimal."
- "Exposure to workers and other applicators generally is not expected to pose undue risks, due to glyphosate's low acute toxicity."
- "Glyphosate is of relatively low oral and dermal acute toxicity."
- "Glyphosate does not cause mutations."

- “Human dietary exposure and risk are minimal.”
- “Glyphosate adsorbs strongly to soil...residues are expected to be immobile in soil.”
- “Glyphosate is readily degraded by soil microbes to AMPA, which is degraded to carbon dioxide.”

WHO Environmental Health Criteria 159: Glyphosate (1994):

<http://www.inchem.org/documents/ehc/ehc/ehc159.htm>

- "Glyphosate, administered by oral and dermal routes, has a very low acute toxicity."
- "Test data show low toxicity of glyphosate and its formulations to honey-bees, earthworms, birds and mammals."
- "Possible hazard for most aquatic organisms is small or negligible. Fish and aquatic invertebrates would not be affected by glyphosate use."
- "Animal studies show that glyphosate is not carcinogenic, teratogenic or mutagenic."

“Safety Evaluation and Risk Assessment of the Herbicide Roundup and Its Active Ingredient, Glyphosate, for Humans” (Williams et al., 2000): **

<http://dx.doi.org/10.1006/rtp.1999.1371>

- "Animal studies show that glyphosate is not carcinogenic, teratogenic or mutagenic."
- “Roundup is placed in U.S. EPA’s least toxic category (IV) for acute oral, dermal and inhalation toxicity. Thus, the Roundup formulation is considered to be practically nontoxic by all these routes of exposure.”
- “Results from several studies have established that glyphosate is not a reproductive or developmental toxicant.”
- “There is no evidence that...Roundup adversely impacts reproductive function.”
- “There was no suggestion of increased severity of effect in infants or children or of increased potency or unusual toxic properties of glyphosate in infants and children.”
- “The use of Roundup herbicide has no potential to produce adverse effects on endocrine systems in humans nor in other mammals.”

I humbly ask that you do not pass SB649 because of the credentialed scientific evidence behind glyphosate, and its long history of safety.

We all need to co-exist in a respectful, sensible way that values intellectual discernment, for the greater good of our State.

Again, thank you for your time and consideration.

With Aloha and Respect,

Dawn Bicoy
Community Affairs Manager
Monsanto Molokai
808-553-5070

From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: dwatts@princeville.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Wednesday, February 06, 2013 3:22:56 PM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Derrick R Watts, HGCSA	Hawaii Golf Course Superintendents Association	Oppose	No

Comments: To All, As the president of the Hawaii State Golf Course Association I am submitting this testimony to oppose the SB649 bill to eliminate the use of Glyphosate in Non- Agriculture land. The impact of this bill would impact all golf courses, landscape, distributors, and individual homeowners in a negative way. There are numerous other alternatives to look at before crippling an entire industry that would result from a ban. Training, education, and awareness should be the first step to promoting a responsible society. Instead of elimination there should be a regulation that allows certified usage in order to regulate and lower irresponsible usage. I understand your health conscious student body and the concern of the use of pesticides, especially around children. However, if there is a pesticide that would cause the least concern it would be Roundup (glyphosate). For all intensive purposes it is not toxic to humans, we don't have the same biochemical systems that make glyphosate lethal to plants. Secondly, upon application what material that is not absorbed into the plant and makes it to the soil is tightly bound, reducing the potential of exposure - unless you regularly eat dirt. Lastly, the metabolites, or breakdown products, of glyphosate are amino acids which are ubiquitous, found throughout nature including in our cellular makeup. It is because of this commonality of these metabolites that it makes it so difficult to screen soil for residues of glyphosate. Simply stated it is too difficult to distinguish the amino acids from glyphosate from those secreted from plant roots, soil inhibiting microorganisms, etc. Best Regards, Derrick R watts President HGCSA

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Representing Household & Institutional Products

Aerosol - Air Care - Cleaners - Polishes
Automotive Care - Antimicrobial - Pest Management

February 6, 2013

The Honorable Clarence K. Nishihara, Chair
Senate Committee on Agriculture
Hawaii State Capitol, Room 204
Honolulu, HI

RE: SB 649 – OPPOSE

Senate Committee on Agriculture
Friday, February 8, 2013 – 1:45 p.m.

Dear Senator Nishihara:

On behalf of the Consumer Specialty Products Association, I respectfully oppose Senate Bill 649, which prohibits the sale, transfer, distribution, and use of any product containing any amount of glyphosate within the State.

The Consumer Specialty Products Association (CSPA) is the premier trade association representing the interests of companies engaged in the manufacture, formulation, distribution and sale of more than \$80 billion annually in the U.S. of familiar consumer products that help household and institutional customers create cleaner and healthier environments. CSPA member companies employ hundreds of thousands of people globally. Products CSPA represents include disinfectants that kill germs in homes, hospitals and restaurants; candles, and fragrances and air fresheners that eliminate odors; pest management products for home, garden and pets; cleaning products and polishes for use throughout the home and institutions; products used to protect and improve the performance and appearance of automobiles; aerosol products and a host of other products used every day. Through its product stewardship program, Product Care[®], and scientific and business-to-business endeavors, CSPA provides its members a platform to effectively address issues regarding the health, safety and sustainability of their products.

Pesticide products must be registered with the United States Environmental Protection Agency and the Hawaii Department of Agriculture. Federal law requires that before selling or distributing a pesticide in the United States, a person or company must obtain registration, or license, from EPA. Before registering a new pesticide or new use for a registered pesticide, EPA must first ensure that the pesticide, when used according to label directions, can be used with a reasonable certainty of no harm to human health and without posing unreasonable risks to the environment. To make such determinations, EPA requires more than 100 different scientific

studies and tests from applicants. Where pesticides may be used on food or feed crops, EPA also sets tolerances (maximum pesticide residue levels) for the amount of the pesticide that can legally remain in or on foods. As explained on the EPA website:

“The process of registering a pesticide is a scientific, legal, and administrative procedure through which EPA examines the ingredients of the pesticide; the particular site or crop on which it is to be used; the amount, frequency, and timing of its use; and storage and disposal practices. In evaluating a pesticide registration application, EPA assesses a wide variety of potential human health and environmental effects associated with use of the product. The producer of the pesticide must provide data from tests done according to EPA guidelines.

These tests evaluate whether a pesticide has the potential to cause adverse effects on humans, wildlife, fish, and plants, including endangered species and non-target organisms, as well as possible contamination of surface water or ground water from leaching, runoff, and spray drift. Potential human risks range from short-term toxicity to long-term effects such as cancer and reproductive system disorders. EPA also must approve the language that appears on each pesticide label. A pesticide product can only be used legally according to the directions on the labeling accompanying it at the time of sale. Following label instructions carefully and precisely is necessary to ensure safe use.”

The Hawaii Department of Agriculture Pesticides Branch regulates the manufacture, sale, and use of pesticides in the State of Hawaii under the authority of the Hawaii Pesticides Law.

In light of the required review of pesticide registration applications, which includes assessment of the hazards to human health and the environment that may be posed by the pesticide at the federal and state levels, we oppose the ban of products lawfully registered for use by the appropriate federal and state regulatory agencies. Therefore, for the reason stated, we respectfully oppose SB 649. Thank you for the opportunity to submit testimony on this measure.

Sincerely,

A handwritten signature in black ink that reads "Kristin Power". The signature is written in a cursive, flowing style.

Kristin Power
Director, State Affairs – West Region

cc: CSPA Pest Management Division
CSPA State Government Affairs Advisory Committee

KAUAI LANDSCAPE INDUSTRY COUNCIL

4253 Rice Street, Unit C
Lihue, Hawaii 96766
Phone/FAX: 808-246-0004
Email: klicadm2010@yahoo.com

February 6, 2013

TESTIMONY FOR SENATE BILL NO. 649

SENATE COMMITTEE ON HEALTH
SENATE COMMITTEE ON AGRICULTURE

The Kauai Landscape Industry Council opposes Senate Bill 649 relating to prohibiting the sale, transfer, distribution, and use of any product containing any amount of Glyphosate within the State of Hawaii.

Glyphosate is a safe, inexpensive, and very effective herbicide. The Environmental Protection Agency gives a Category IV rating (its lowest and least toxic rating) for this product in terms of low acute oral, dermal and inhalation toxicity. Glyphosate has been shown to be a safe product for both the applicator and the public in general.

Considering prohibition for "cosmetic" use will severely affect the beautiful landscapes on Kauai that many seem to take for granted. The attractive managed landscapes you find on Kauai – as well as throughout Hawaii – comes from the efforts of homeowners, non-profit organizations, the landscape and horticultural industries, the visitor industry, the real estate industry, and government agencies; and Glyphosate is a very important weed management tool for many of them.

This prohibition will result in higher costs for managing landscapes (whether through purchasing alternative chemicals, increasing labor time, or purchasing maintenance equipment). Because of these increased costs, many individuals, organizations, and businesses may not have the budget to maintain their landscapes as well as they have in the past. This will most definitely lead to degradation in the aesthetic quality of managed landscapes.

We are most concerned with losing an important management tool in our battle against invasive alien plant species. As the Senate is well aware, there is an ongoing war with managing invasive plant species. Glyphosate is a nontoxic, inexpensive, and effective tool for managing these invaders. Without this tool in our arsenal, we stand the chance of losing this war.

We strongly urge the members of the Senate committees not to pursue the passing of this Bill.

Sincerely,



Lelan Nishek
Vice President

cc: Kauai County Farm Bureau
Landscape Industry Council of Hawaii
Kauai Chamber of Commerce

Kauai Landscape Industry Council

The Kauai Landscape Industry Council (KLIC) was formed in 2002 on Kauai with the following goals:

- Promote, encourage, and support research and education towards the improvement of landscape and nursery practices.
- Gather, analyze, and disseminate information relevant to the landscape community and the public.
- Assist governmental agencies in developing policies related to landscaping, the beautification of the Island of Kauai, and the promotion of economic development.
- Stimulate public interest in landscape gardening, tree planting, and horticultural practices, towards the beautification of public and private places, for the benefit of Kauai's environment, communities, and visitors.

KLIC is a member of the Landscape Industry Council of Hawaii

From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: ayeh@hawaii.rr.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Wednesday, February 06, 2013 8:33:56 AM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

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

Comments: The use of herbicides such as Roundup and Rodeo which contain glyphosate, is critical to us as farmers and ranchers, as well as homeowners.

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To: [HTHTestimony](#)
Cc: gottlieb@hawaii.rr.com
Subject: *Submitted testimony for SB649 on Feb 8, 2013 13:45PM*
Date: Tuesday, February 05, 2013 5:04:58 PM

SB649

Submitted on: 2/5/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Alan Gottlieb	Hawaii Cattlemen's Council	Oppose	No

Comments:

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Cc: irrigi@gmail.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Tuesday, February 05, 2013 9:27:09 PM

SB649

Submitted on: 2/5/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Allan Schildknecht		Oppose	No

Comments: We oppose this Bill as it would cause great harm to the landscape industry and resorts in Hawaii. This has been proven to be one of the safest products available to combat invasive weeds in Hawaii and is commonly used by all Federal, State and Private industries through out the United States.

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From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: boydready@hawaii.rr.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Wednesday, February 06, 2013 6:52:18 AM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

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

Comments: This kind of thoughtless 'ban' on the evil chemicals that all practical and productive outdoor workers use appears as care for the earth, but if successful would add a heavy burden on the backs of the people out doing the work of landscape beauty, land maintenance, and highway & industrial & commercial grounds care, ...not to mention agriculture. If you slowly chip away like this, piece by piece, you can succeed in undoing the labor-saving advances of the modern world and return our people to a form of self-imposed peonage. Naturally those strongly holding the opinion that no one should use chemicals are not averse to the various chemicals they use in their daily life. Interesting how everything is supposed to be 'natural' except the natural human ability to innovate and create a society freed from drudgery and unnecessary toil. Will these advocates be volunteering to go out and repetitively remove weeds and overgrowth by hand from their and the public's grounds & perimeter areas? Shall we go back to sickles and scythes and carry a whetstone around? I urge you to look on all such advocacy with an eye to the actual conditions of working men and women in the fields and grounds of our beautiful state. Human innovation is part of nature, too.

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Hawaii Export Nursery Association

TESTIMONY FOR SENATE

Senate Committee on Agriculture

Senator Josh Green, Chair

Senator Rosalyn H. Baker, Vice Chair

and

Senate Committee on Health

Senator Clarence K. Nishihara, Chair

Senator Ronald D. Kouchi, Vice Chair

Friday, February 8, 2013, 1:45 p.m., Conf. Room 229

February 7, 2013

Aloha!

I am writing on behalf of the Hawaii Export Nursery Association (HENA), a non-profit membership organization of over 110 Hawaii nurserymen and nurserywomen professionally engaged in the export and import of Potted Tropical Ornamental Plants and Flowers. HENA is dedicated to marketing, research, transportation and educational issues. Our goal is to supply Hawaii grown, top quality tropical plants and flowers for the global marketplace.

HENA membership, as a whole, **is in opposition to Senate Bill No. 649** relating to prohibiting the sale, transfer, distribution, and use of any product containing any amount of Glyphosate within the State. Roundup® (a trade name used by Monsanto) and other herbicides based on Glyphosate (the generic name) are the most commonly applied weed killers in use today. These herbicides are used by everyone from nurserymen to farmers, to gardeners to biologists to non-industry citizen trying to control invasive exotic plants and weeds.

The alternative to Glyphosate is an increase in labor costs for our members and others in the floriculture and nursery industries for weed removal as well as an increase in invasive species and exposure to higher toxicity herbicides. Banning Glyphosate will be detrimental to our workers' livelihood.

HENA is opposed to the ban on Glyphosate for the reasons stated herein. We appreciate your consideration of our position on this Bill and will take appropriate action on our behalf.

If you have any questions, feel free to contact me at 808-968-6523.

Mahalo,
Charles Bostwick
President

February 6, 2013

SENATE COMMITTEE ON HEALTH AND SENATE COMMITTEE ON AGRICULTURE

Dear Committee Members:

I am writing to voice my **opposition to Senate Bill 649** relating to prohibiting the sale, transfer, distribution, and use of any product containing any amount of glyphosate within the State.

For over 20 years, I have been a state and Federal worker and member of Hawaii's conservation community attempting to preserve and protect our state's remaining native ecosystems. I know from first hand experience that several public and private agencies rely on herbicides containing glyphosate as effective and safe tools in controlling some of our state's worst invasive weeds in natural areas. As just one of several examples, restoration of a remnant dry forest on the leeward slopes of Haleakala, Maui, would not be possible without the application of a low concentration of glyphosate-based herbicide to remove the smothering layer of invasive kikuyu grass in the forest understory. This and other aggressive non-native grasses prevent the germination and establishment of native seedlings and help to fuel and increase the intensity of wildfires, thereby condemning the remaining dry forests to an inevitable future of degradation and decline. With less than 10% of their original area remaining statewide, dry forests are considered to be among the most endangered ecosystems in the islands, and the use of herbicides, particularly those containing glyphosate, are absolutely essential in their continued preservation and future restoration. Thanks to regular and targeted herbicide applications, and the planting of native tree and shrub species, at least one dry forest on the island of Maui is on the path to recovery and has a bright future.



Please do not take this important tool out of the hands of the dedicated people working to protect and restore our native ecosystems. I urge you to oppose passage of SB649.

Thank you for your time and consideration.

Sincerely,

Chuck Chimera
Weed Risk Assessment Specialist
Hawaii-Pacific Weed Risk Assessment
PO Box 983, Makawao, HI 96768



LANDSCAPE INDUSTRY COUNCIL OF HAWAII

February 5, 2013

TESTIMONY FOR SENATE BILL N.O. 649

SENATE COMMITTEE ON HEALTH
AND
SENATE COMMITTEE ON AGRICULTURE

The Landscape Industry Council of Hawaii opposes Senate Bill 649 relating to prohibiting the sale, transfer, distribution, and use of any product containing any amount of glyphosate within the State.

Roundup® (a trade name used by Monsanto) and other herbicides based on glyphosate (the generic name) are the most commonly applied weed killers in use today. These herbicides are used by everyone from farmers to foresters to gardeners to biologists trying to control invasive exotic plants.

Hawaii has a great diversity of habitats making Hawaii hospitable to a large number of plants including invasive plants. The alternative to Glyphosate is other higher toxicity herbicides or more labor intensive hand removal of weeds. Glyphosate is by far the most effective means to control weeds and safest herbicide on the market.

The use of Glyphosate is critical to the aesthetics and liveability of our islands. It's our environment, scenery and aesthetics which is why we live in Hawaii and why millions of tourists visit our state every year. The alternative is an exponential increase in labor costs for removing weeds, increase in invasive species, lower quality of life and exposure to higher toxicity herbicides for humans and fauna. Banning Glyphosate presents a substantially higher risk than benefit.

Glyphosate binds tightly to most types of soil so it is not available for uptake by roots of nearby plants. It works by disrupting a plant enzyme involved in the production of amino acids that are essential to plant growth. The enzyme, EPSP synthase, is not present in humans or animals contributing to the low risk to human health when used by manufacturer instructions.

Glyphosate (RoundUp) is the world's most popular herbicide and the most researched herbicide. Glyphosate is considered a 'friendly' herbicide since:

- Glyphosate has a very low acute toxicity, which means a very high exposure is required to cause an adverse effect. This is why the EPA lists Glyphosate in the least toxic category IV for acute oral, dermal and inhalation toxicity.

- It exhibits essentially no residual soil activity even when applied at high rates. It breaks down quickly into natural materials such as carbon dioxide and nitrogen.
- Roundup binds tightly to soil particles and doesn't move in the soil. Because of its soil binding properties, glyphosate is not easily leached and is unlikely to contaminate ground water. Such low toxicity that it is one of only a couple herbicides allowed for aquatic use or stream usage.
- Glyphosate does not bioaccumulate meaning it is not stored in the body and is quickly eliminated in humans and animals.

It should be clear that Glyphosate is one of the safest herbicides on the market.

The Landscape Industry Council of Hawaii opposes this bill for the environment impact, human health impact and the increased costs of controlling harmful invasive species.

Thank you for the opportunity to testify.

If you have questions, please contact me at me at 799-3101 or email address chris.dacus@gmail.com.

Chris Dacus
President
Landscape Industry Council of Hawai'i
P. O. Box 22938, Honolulu, Hawai'i 96823-2938

Landscape Industry Council of Hawai'i

Hawaii's landscape industry has an economic impact of over \$520 million annually and full time employment of over 11,000 landscape professionals. Formed in 1986, LICH is a statewide alliance representing Hawaii's landscape trade associations. LICH can be found online at www.landscapenhawaii.org

From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: glenn.craven@marriott.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Thursday, February 07, 2013 9:49:03 AM

SB649

Submitted on: 2/7/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Glenn Craven	Individual	Oppose	No

Comments: Glenn Craven 3610 Rice st Lihue, hawaii 96766

glenn.craven@marriott.com I'm testifying on behalf of bill #SB649 that would prohibits the sale, transfer, distribution, and use of any product containing any amount of glyphosate within the State of Hawaii. By eliminating glyphosate within the State will only create the use of much more dangerous chemical in the state, so why prohibit the use glyphosate it's one of the less harmful chemicals used in our industry? I'm a Grounds Superintendent in the hospitality industry, by banning the use of glyphosate (Round Up) within the State will only create more work for this industry, this will result to more hand weeding, more labor something that will not happen in this economy, so the end result is our chemical applicator's will use much more dangerous chemicals to get the same results as glyphosate (Round Up) applicator's will now have to substitute to a much more toxic chemical that will be more harmful to the environment and people, our job is to protect the environment and people. So why prohibit the use glyphosate that's a less harmful chemical? . - I OPPOSE.....Please look into the next best chemical to use if glyphosate (Round Up) is ban within the State, I know there's nothing less harmful than glyphosate. By understanding my options to substitute glyphosate (Round Up) for another chemical will be disastrous and dangerous to the environment and people and the cost will be much higher, this is a loss to everyone in this industry? - I OPPOSE - I will NOT be present at the hearing
Regards Glenn Craven

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From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: csato@beihawaii.com
Subject: *Submitted testimony for SB649 on Feb 8, 2013 13:45PM*
Date: Wednesday, February 06, 2013 4:10:48 PM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Colin Sato	Individual	Oppose	No

Comments:

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The elimination of Glyphosate would be a major mistake to all in Hawaii. Glyphosate is registered by the EPA and is one of the safest herbicides available for vegetation management. We use Glyphosate or "Roundup" on our golf courses, farms, nurseries, homes, gardens and along highways and roads to reduce unwanted vegetation and maintain clean, safe, and open areas. Can you imagine driving along a highway that has weeds encroaching along the sides and thru the pavement? We would have to use chemicals that are much more toxic and do not work as well in order to replace a chemical which has been the industry standard for many years. If we do pass this bill we would eliminate an extremely useful tool used for control of unwanted vegetation in nearly every country that saves millions of dollars in labor costs. I hope you will accept my testimony in opposition of bill SB649 to prevent the use of Glyphosate in Hawaii. Mahalo!

Damian Baptiste

From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: DHusek@hualalairesort.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Wednesday, February 06, 2013 11:29:49 AM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Dan Husek	Individual	Oppose	No

Comments: This e-mail is being sent to express my disappointment with the bills: #SB-648 & 649. As the father of two children, I appreciate the concerns of chemicals in our environment; and their possible misuse and overuse. However; this bill's negative impact on end users can not be understated. As a member of a general "landscape industry" we depend on this proven safe product to: ensure we can provide an environment that attracts customers which in turn provides valuable jobs to our community; and to control invasive / noxious weeds which are so prevalent in our fragile ecosystem. A ban on a trusted and relatively safe compound such as glyphosate may result in the overuse and misuse of other chemicals. Responsible use is attainable and should be the focus. I strongly oppose this bill and hope as your constituent you will not allow his bill to move forward. Sincerely, Dan Husek Golf Course Superintendent Hualalai Course

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From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: dmiyamoto@beihawaii.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Wednesday, February 06, 2013 9:04:48 AM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Dennis Miyamoto	Individual	Oppose	No

Comments: Glyphosate is most widely used weed killer, and not as toxic compared to other commercially used herbicides. Homeowners as well as growers would be at a lost if this was taken off sale in the State. Please refer to research done on glyphosate, it is relatively safe to humans and wildlife.

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From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: dwatts@princeville.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Thursday, February 07, 2013 10:48:35 AM

SB649

Submitted on: 2/7/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Derrick R Watts GCS	Individual	Oppose	No

Comments: I oppose this bill due to Glyphosate being one of the safest and most important herbicides on the market. It would only lead to other means of invasive species control. This product is designed to eliminate undesirables in all types of forms. In Hawaii these undesirable plants keep growing and new ones are continually being germinated. Without the use of Glyphosate we would be crippled and have to resort to other measures that could be potentially more harmful to the environment. Best Regards, Derrick Watts

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From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: drmikecolson@gmail.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Wednesday, February 06, 2013 8:36:09 AM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Dr Mike Colson	Mankiana Cattle Agency LLC	Oppose	No

Comments: This ingredient is an important component of Roundup and other herbicides that allow us to minimally manage our range spaces. Roundup type products are not used to "spray to death" prior to any harvest...rather they allow minimal controls on certain areas - and over certain weeds - that degrade pasture lands and control areas in livestock operations. Banning it, as a result of data from german and other non-Hawaiian environments seems excessive. We also have no blood test results for the presence of glyphosphate in Hawaiian populations.

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Aloha Senator Green,

I am writing to strongly oppose bill # SB-648 you have co-sponsored. Glyphosate is

a very safe chemical used for non selective weed control. The chemical is safe not only environmentally but the toxicity is very low. Glyphosate is an integral part of our invasive weed management control program. The product is also very cost effective and in these challenging economic times, loss of glyphosate would have a financial impact.

Our staff is trained to use all chemicals responsibly. We believe we have the responsibility to be stewards of this land and the ban of this trusted and time tested compound should be opposed.

Mahalo,

Earl Sanders

Hualalai Resort

Director of Golf Maintenance

100 Kaupulehu Drive, Kaupulehu-Kona HI 96740

Tel (808) 325-8473 Cell (808) 960-2874



Hawaii Floriculture & Nursery Association

Testimony for the Twenty Seventh Legislature, 2013
State of Hawaii
Conference room 229
Friday, February 8, 2013 1:45 P.M.

A bill for an act
SB649 Relating to Health

Oppose SB 649 RELATING TO MAKING THE USE OF GLYPHOSATE PROHIBITED

My name is Eric S. Tanouye and I am the President for the Hawaii Floriculture and Nursery Association. HFNA is a statewide umbrella organization with approximately 300 members. Our membership is made up with breeders, hybridizers, propagators, growers, shippers, wholesalers, retailers, educators, and the allied industry, which supports our efforts in agriculture.

We **oppose** this bill that will make the use of Glyphosate Prohibited. Glyphosate is one of the main components of Round-up and is a common herbicide used by farmers. The prohibition of a proven effective herbicide would present undue hardship on the farmers and the agriculture sector of Hawaii.

It is important to note that Agriculture is Hawaii's second largest export industry and an important contributor to the state's economic health. Agriculture needs to be able to grow varieties that are pest free, long lasting and of top quality.

Farmers from the beginning of time have suffered from pest and disease infestation, and to give up a tool to battle this is questionable at best. Glyphosate gives us orderly control of pests, weeds, and grasses, allowing the producer to focus on being efficient and productive. Currently the EPA is reviewing the use of Glyphosate and it would be premature to make a decision on the prohibition of Glyphosate before this review is finished.

If you have any questions at this time, I would be happy to discuss them and can be reached by phone at 808-959-3535 ext 22, cell 960-1433 and email eric@greenpointnursery.com.

Supporting Agriculture and Hawaii,

Eric S. Tanouye
President
Hawaii Floriculture and Nursery Association

From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: bkaulupali@hawaiiantel.biz
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Thursday, February 07, 2013 5:54:56 AM

SB649

Submitted on: 2/7/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Brian Kaulupali	Individual	Oppose	No

Comments: Please do not take away a very important tool used in the Golf course industry

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SB 649 Prohibits the sale, transfer, distribution, and use of any product containing any amount of glyphosate within the State

I oppose this bill. USDA and FDA approvals are based on a systematic review of the available scientific information, and we should support their science-based approvals. In addition, having common standards nation-wide provides a level playing field for agriculture throughout the nation. Hawaii producers have enough hurdles to success without adding more.

From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: kekoa_willing@hotmail.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Thursday, February 07, 2013 6:19:35 AM

SB649

Submitted on: 2/7/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
J. Kekoa Willing	Individual	Oppose	No

Comments: Glyphosate is way too important to prohibit in this state. We have a year round growing season and we need all the tools that we can get to control the growth of weeds. Weeds is defined as any plant growing where it is not wanted. It could range from a little plant growing in the cracks of a sidewalk, up to trees growing alongside a road and uprooting the pavement. We, meaning me as a homeowner and/or a citizen of the state, can hire out a contractor to come pull all the weeds and spend money thats not there or simply just grab a spray bottle of "Roundup" and spray the weeds our self. To prohibit Glyphosate in this state would be like shooting yourself in the foot!

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From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: jasonmoniz73@gmail.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Thursday, February 07, 2013 10:54:36 AM

SB649

Submitted on: 2/7/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Jason Moniz/KK Ranch	Individual	Oppose	No

Comments: Respectfully requesting that you kill this Bill. This is one of the safest, economical and useful herbicide available to agriculture and home owners.

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February 6, 2013

Senate Hearing Committee
Committee on Health/Committee on Agriculture
Friday, February 8, 2013
1:45 pm, Conference room 229
State capitol, 415 south Beretania Street

RE: TESTIMONY STRONGLY OPPOSING SB649: Prohibits the sale, transfer, distribution, and use of any product containing any amount of glyphosate within the State

Aloha Chair Green, Chair Nishihira, Vice Chair Baker, Vice Chair Kouchi and respected Committee Members:

I am writing to ask that you not support SB649. This bill would most adversely impact the corn seed industry in Hawaii and limit our ability to provide food for an ever growing population. Because the chemical glyphosate is used in so many ways (agriculture, ornamental, aquatic, wildlife habitat, residential etc) it is probably one of the most studied herbicides and has been in use for over 30 years.

I have worked in the Ag industry on Molokai for 30 years as the manager of our local farm supply cooperative for 10 years and currently as a Finance Specialist in the corn seed industry. This has given me 30 years of experience selling and buying glyphosate and interacting with a lot of users of glyphosate. There has never been an incident reported where any harm has come from the use of this product.

I personally use this chemical on our 4 acre Hawaiian Homestead in Kalamaula, Molokai and would find it difficult if not impossible to find a comparable chemical for weed control. I am particularly comfortable using this chemical because of its low toxicity. It is less toxic than the caffeine you consume in your morning coffee or the salt you add to your food every day.

I most respectfully request you oppose SB649.

Sincerely,



Joan F. Lasua,
Kalamaula Homesteader, Molokai

From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: joed@hawaii.rr.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Wednesday, February 06, 2013 9:28:39 AM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Joseph DeFrank	Individual	Oppose	No

Comments: This bills seek to ban one of the most non-toxic pesticides ever introduced into the market, claims to the contrary always involve artificially high exposure levels that could never be experience where labeled rates of the herbicide are used. Eliminating it will not improve the health and well being of the general public, children or pets. Loss of this tool to the landscape industry will require more tedious manual labor involving motorized tools that pollute with noise and greenhouse gasses. I base these comments on my 35 years of experience as a Weed Scientist.

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February 7, 2013

Senator Clarence K. Nishihara, Chair
Committee on Agriculture
Senator Josh Green, Chair
Committee on Health
Hawaii State Capitol
415 South Berentania Street
Honolulu, HI 96813

Re: SB649 RELATING TO BANNING OF GLYPHOSATES – OPPOSE
Hearing date Friday, February 8, 2013, 1:45 pm, Conference Room 229, State Capitol

Dear Senators Nishihara and Green,

I oppose SB649 and any upcoming legislation that seeks to ban glyphosates and limit my use of products such as Monsanto's Round Up.

SB649 will adversely affect my business by increasing my operating costs. I use these products to save my customers money.

Glyphosates have been extensively tested and proven to be safe for the environment and humans.

Respectfully submitted,

Kevin J. Mulkern, President
Kevin J. Mulkern, A L L C, Inc.
808-396-6595
kevinjmulkern@gmail.com

From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: kris_macavoy2001@yahoo.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Thursday, February 07, 2013 6:33:25 AM

SB649

Submitted on: 2/7/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
kristopher macavoy	Individual	Oppose	No

Comments: Passing this bill would be a detriment to Hawaii's Landscape, Golf Course, and Municipal/Government industries, as well as have a negative affect to homeowners across the state as glyphosate, in its many forms, is the most economical and environmentally safe means of vegetative growth control available. To ban this product would mean that all of the above mentioned entities would have to resort to more expensive and environmentally damaging substances to accomplish the same thing that glyphosate does. That would put increased costs on the backs of the hotel industry, retail complexes, right-of-way and parks agencies, golf courses, and individual residences which really aren't necessary, particularly during these hard economic times, but also in general. Passing this bill would be the equivalent of our government once again getting in the way of assisting in economic and environmental prosperity for our State and it's citizens, which is something that we've seen happen all to often. A government that limits it's impact on the people is the most effective type of government, not one that poses its will on them.

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February 6, 2013

Senate Hearing Committee
Committee on Health/Committee on Agriculture
Friday, February 8, 2013
1:45 pm, Conference room 229
State capitol, 415 south Beretania Street

RE: TESTIMONY OPPOSING SB649

Aloha Chair Green, Chair Nishihira, Vice chair Baker, Vice Chair Kouchi and respected Committee Members:

It is hard to understand why this active ingredient is causing such a problem with individuals whose purpose in life is to stop corporations from helping the country as well as the global industry.

I am not a farmer, but I have been using this herbicide since its introduction in 1974, and I understand the U.S. Environmental Protection Agency (EPA), Health Canada, the European Commission (EC) and many other regulatory bodies and science organizations, such as the world health organization who have reviewed studies in its 30 years of use, have given their overwhelming consensus that glyphosate, when used according to label directions, poses no unreasonable risk to people, wildlife or the environment.

When looking at the chart of how toxic Glyphosate is compared to other ingredients like table salt, vitamin A, Aspirin, Caffeine, Nicotine or Gasoline, Glyphosate is the least toxic. The chart compares the dose in milligrams of the substance per kilogram of body weight that it takes for something to produce the LD50 (LD50 is a measurement used in toxicology studies to determine the potential impact of the toxic substance on different types of organisms). Based on these findings those ingredients should be controlled instead of Glyphosate.

I therefore, strongly oppose SB649.

Respectfully submitted,
Lawrence K. Lasua,
Kalamaula Homesteader, Molokai

From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: lee.ridley@vacationclub.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Thursday, February 07, 2013 6:22:24 AM

SB649

Submitted on: 2/7/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Lee Ridley	Individual	Oppose	No

Comments: Every aspect of our economy that uses chemicals for weed control, depends on Glyphosate. Please do not pass this Bill. Removal of one of the safest herbicides on the market would be a catastrophe. Mahalo Nui

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From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: mdemotta@hotmail.com
Subject: *Submitted testimony for SB649 on Feb 8, 2013 13:45PM*
Date: Wednesday, February 06, 2013 8:39:25 AM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Michael DeMotta	Individual	Oppose	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: mhonma@turtlebaygolf.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Thursday, February 07, 2013 11:42:01 AM

SB649

Submitted on: 2/7/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
michael honma	Individual	Oppose	No

Comments: Why create a larger carbon foot print? Why create a larger operating cost for us? Why the opposition for glyphosate use when it's one of the safest chemicals being used today?

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From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: finley_michele@yahoo.com
Subject: *Submitted testimony for SB649 on Feb 8, 2013 13:45PM*
Date: Wednesday, February 06, 2013 7:59:33 AM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Michele Finley	Individual	Oppose	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: mgalimba@kuahiwiranch.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Wednesday, February 06, 2013 8:05:21 AM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Michelle Galimba	Kuahiwiranch	Oppose	No

Comments: Glyphosate is one of the least harmful of herbicides to the environment, and is not only used by agriculture but by many environmental non-profits to control invasive species. Responsible use of glyphosate prevents the use of much more toxic herbicides and/or more damaging mechanical treatments.

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Peter K. Yamashita
471 Aulima Loop
Kailua, Hawaii 96734

February 6, 2013

RE: SB 648 & SB 649

Testimony:

I am strongly against both measures that prohibit the sale, distribution, transfer or use of Glyphosate products in the State of Hawaii. Glyphosate is a pesticide product that is extremely valuable for use in the golf course, horticulture and other agricultural industries. This is one of the safest products to use, one of the least harmful to the environment and very cost effective. Banning the use of this pesticide would be a great disservice to our industries and to the general public. I strongly oppose both of these measures. Thank you.

From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: Psgmikilua@aol.com
Subject: *Submitted testimony for SB649 on Feb 8, 2013 13:45PM*
Date: Wednesday, February 06, 2013 9:38:49 PM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Phyllis Shimabukuro-Geiser	Mikilua Poultry Farm Inc	Oppose	No

Comments:

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To: [HTHTestimony](#)
Cc: white77s@yahoo.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Wednesday, February 06, 2013 11:19:55 AM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Robert Lillie	Individual	Oppose	No

Comments: Passing this bill would be a detriment to Hawaii's Landscape, Golf Course, and Municipal/Government industries, as well as have a negative affect to homeowners across the state as glyphosate, in its many forms, is the most economical and environmentally safe means of vegetative growth control available. To ban this product would mean that all of the above mentioned entities would have to resort to more expensive and environmentally damaging substances to accomplish the same thing that glyphosate does. That would put increased costs on the backs of the hotel industry, retail complexes, right-of-way and parks agencies, golf courses, and individual residences which really aren't necessary, particularly during these hard economic times, but also in general. Passing this bill would be the equivalent of our government once again getting in the way of assisting in economic and environmental prosperity for our State and it's citizens, which is something that we've seen happen all to often. A government that limits it's impact on the people is the most effective type of government, not one that poses its will on them.

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To: [HTHTestimony](#)
Cc: hawaiifish@gmail.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Tuesday, February 05, 2013 9:44:06 PM

SB649

Submitted on: 2/5/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Ron Weidenbach	Individual	Oppose	No

Comments: Unnecessary legislation and would be difficult to monitor and enforce.

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SENATE HEARING
Committee on Health / Committee on Agriculture
Friday, February 8, 2013
1:45PM, Conference Room 229
State Capitol, 415 South Beretania Street

Testimony OPPOSING SB649

Prohibits the sale, transfer, distribution, and use of any product containing any amount of glyphosate within the State

Aloha Chair Green, Chair Nishihara, Vice Chair Baker, Vice Chair Kouchi and Respected Committee Members:

I am an employed landscaper on the island of Molokai.

Doing business on Molokai isn't the easiest thing, due to our limited economies of scale. Furthermore, having gainful employment within this fragile economy is a blessing. Jobs of a livable wage are hard to come by, due to the almost none existent job market on the island and the extreme competition for those few jobs. It's not that Molokai doesn't want to work, it is that there are only a few jobs with a livable wage to be had. I somewhat digress, but I wanted to give you a glimpse into the phonics of why, and how these bills if passed, would directly impact me and my family.

I use glyphosate on a daily to weekly basis and find it to be one of, if not the safest, most effective, lowest toxicity herbicide there is on the market. If you read the label, you will note that its signal word is a "Caution", which is the lowest classification for pesticides (Caution, Warning, Danger and Skull & Crossbones). Reading the label will also provide you with the understanding of its very low toxicity to not only humans, but mammals, birds, and fish. There are other pesticides on the market, but the low toxicity of glyphosate is reason for my preferred use – as the applicator, and for the environment.

In addition, its effectiveness, its pricing and its low toxicity allows us the advantage of passing this benefit on to our limited customer base. As I mentioned, competition is great, and the clientele is limited. Not only do I choose to use a product that I feel very confident to work with, I know that my responsible use is helping the environment, providing a service, and helping to feed my family as I can best utilize my time and the cost effectiveness of this product, for the betterment of the business.

I hope you consider the consequences of what would happen to not only people like me, but the entire State if you move to prohibit the use. Would we all then use stronger pesticides to obtain the same results? I don't understand how that helps anyone. As an applicator, I ask that you reconsider and think about the outcome – the end result, and the end user. Glyphosate is safe to use.

Please do not support SB649.

Aloha for your time,

Shawn Barros
Employed by Friendly Isle Landscaping
PO Box 1216
Kaunakakai, Molokai

February 7, 2013

Senator Clarence K. Nishihara, Chair
Committee on Agriculture
Senator Josh Green, Chair
Committee on Health
Hawaii State Capitol
415 South Berentania Street
Honolulu, HI 96813

Re: SB649 RELATING TO BANNING OF GLYPHOSATES – OPPOSE
Hearing date Friday, February 8, 2013, 1:45 pm, Conference Room 229, State Capitol

Dear Senators Nishihara and Green,

I oppose SB649 and any upcoming legislation that seeks to ban glyphosates and limit my use of products such as Monsanto's Round Up.

SB649 will adversely affect my business by increasing my operating costs. I use these products to save my customers money.

Glyphosates have been extensively tested and proven to be safe for the environment and humans.

Respectfully submitted,

Susan S. Mulkern, Vice President
Kevin J. Mulkern, A L L C, Inc.
808-396-6595
susan@mulkernlandscaping.com

From: mailinglist@capitol.hawaii.gov
To: [HTHTestimony](#)
Cc: bizkellam@gmail.com
Subject: *Submitted testimony for SB649 on Feb 8, 2013 13:45PM*
Date: Wednesday, February 06, 2013 10:16:41 PM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Elizabeth Kellam	Individual	Support	No

Comments:

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To: [HTHTestimony](#)
Cc: nredfeather@kohalacenter.org
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Tuesday, February 05, 2013 9:38:15 PM

SB649

Submitted on: 2/5/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Nancy Redfeather	Individual	Support	No

Comments: Mahalo Senator Green for bringing this issue to the light. There are of course many known reasons for keeping glyphosate out of the environment. Genetically engineered crops alone are responsible for an additional 500 million pounds of Round-up being applied to the environment in the US over the past 15 years. We don't need glyphosate. There are many non-toxic agricultural practices for every known use of this chemical. I support this bill. Mahalo!

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To: [HTHTestimony](#)
Cc: foodsovereigntynow@gmail.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Wednesday, February 06, 2013 11:44:01 PM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

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

Comments: I support a full ban on Glyphosate. I have a very close friend who is suffering from pesticide poisoning having lived next to a golf course for years and have concerns about this pesticide in particular for several reasons. Glyphosate has shown to cause genetic damage in laboratory tests with human cells, as well as in tests with laboratory animals. Exposure is linked with increased risks of the cancer, non-Hodgkin's lymphoma, miscarriages, and attention deficit disorder. It is also known as an endocrine disruptor and causes genetic damage and damage to the immune system in fish and frogs. It is not biodegradable and can stay in the bones of those who consume it through food. As a mother, I am concerned about the use of this pesticide and how it could affect our children and humbly ask that you ban this pesticide.

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To whom It may concern:

The attempt to ban Glyphosate sales in the state of Hawaii is very disconcerting. As a golf course superintendant glyphosate is an invaluable tool in the use of weed eradication. Glyphosate is not known to stay in the soil for very long nor is it known to move out of the soil. By banning the sale of glyphosate it will be putting a huge burden not only of the golf course profession but also on every landscape company in the state. Why there is an attempted ban of the product is a mystery to me, it makes no sense.

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To: [HTHTestimony](#)
Cc: trkahua@aol.com
Subject: *Submitted testimony for SB649 on Feb 8, 2013 13:45PM*
Date: Thursday, February 07, 2013 8:55:28 AM

SB649

Submitted on: 2/7/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Herbert M "Tim" Richards III DVM	Individual	Oppose	No

Comments:

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Cc: vmacavoy@yahoo.com
Subject: Submitted testimony for SB649 on Feb 8, 2013 13:45PM
Date: Thursday, February 07, 2013 6:34:36 AM

SB649

Submitted on: 2/7/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Virginia MacAvoy	Individual	Oppose	No

Comments: Passing this bill would be a detriment to Hawaii's Landscape, Golf Course, and Municipal/Government industries, as well as have a negative affect to homeowners across the state as glyphosate, in its many forms, is the most economical and environmentally safe means of vegetative growth control available. To ban this product would mean that all of the above mentioned entities would have to resort to more expensive and environmentally damaging substances to accomplish the same thing that glyphosate does. That would put increased costs on the backs of the hotel industry, retail complexes, right-of-way and parks agencies, golf courses, and individual residences which really aren't necessary, particularly during these hard economic times, but also in general. Passing this bill would be the equivalent of our government once again getting in the way of assisting in economic and environmental prosperity for our State and it's citizens, which is something that we've seen happen all to often. A government that limits it's impact on the people is the most effective type of government, not one that poses its will on them.

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Cc: wil@kukio.com
Subject: *Submitted testimony for SB649 on Feb 8, 2013 13:45PM*
Date: Wednesday, February 06, 2013 2:37:30 PM

SB649

Submitted on: 2/6/2013

Testimony for HTH/AGL on Feb 8, 2013 13:45PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Wil Sulliban	Individual	Oppose	No

Comments:

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