DAVID Y. IGE GOVERNOR

EMPLOYEES' RETIREMENT SYSTEM
HAWAI'I EMPLOYER-UNION HEALTH BENEFITS TRUST FUND

OFFICE OF THE PUBLIC DEFENDER



CRAIG K. HIRAI

GLORIA CHANG DEPUTY DIRECTOR

STATE OF HAWAI'I DEPARTMENT OF BUDGET AND FINANCE

P.O. BOX 150 HONOLULU, HAWAI'I 96810-0150 ADMINISTRATIVE AND RESEARCH OFFICE BUDGET, PROGRAM PLANNING AND MANAGEMENT DIVISION FINANCIAL ADMINISTRATION DIVISION OFFICE OF FEDERAL AWARDS MANAGEMENT (OFAM)

WRITTEN ONLY

TESTIMONY BY CRAIG K. HIRAI
DIRECTOR, DEPARTMENT OF BUDGET AND FINANCE
TO THE HOUSE COMMITTEE ON FINANCE
ON
HOUSE BILL NO. 1714, H.D. 1

February 23, 2022 2:30 p.m. Room 308 and Videoconference

RELATING TO TWO-LINED SPITTLEBUGS

The Department of Budget and Finance (B&F) offers comments on this bill.

House Bill No. 1714, H.D. 1, appropriates an unspecified amount of general funds in FY 23 to the Department of Agriculture for mitigating and controlling two-lined spittlebug (TLSB), which include reducing the TLSB population using insecticides and integrating weed management measures in affected rangelands, re-seeding pastures damaged by infestations; researching best practices; and monitoring the status of the TLSB.

B&F notes that, with respect to the general fund appropriation in this bill, the federal Coronavirus Response and Relief Supplemental Appropriations Act requires that states receiving Elementary and Secondary School Emergency Relief (ESSER) II funds and Governor's Emergency Education Relief II funds must maintain state support for:

 Elementary and secondary education in FY 22 at least at the proportional level of the state's support for elementary and secondary education relative to the state's overall spending, averaged over FYs 17, 18 and 19; and Higher education in FY 22 at least at the proportional level of the state's support for higher education relative to the state's overall spending, averaged over FYs 17, 18 and 19.

Further, the federal American Rescue Plan (ARP) Act requires that states receiving ARP ESSER funds must maintain state support for:

- Elementary and secondary education in FY 22 and FY 23 at least at the proportional level of the state's support for elementary and secondary education relative to the state's overall spending, averaged over FYs 17, 18 and 19; and
- Higher education in FY 22 and FY 23 at least at the proportional level of the state's support for higher education relative to the state's overall spending, averaged over FYs 17, 18 and 19.

The U.S. Department of Education has issued rules governing how these maintenance of effort (MOE) requirements are to be administered. B&F will be working with the money committees of the Legislature to ensure that the State of Hawai'i complies with these ESSER MOE requirements.

Thank you for your consideration of our comments.

Testimony Presented Before the
House Committee on Finance
Wednesday, February 23, 2022 at 2:30 p.m.
By
Nicholas Comerford, Dean
College of Tropical Agriculture and Human Resources
And
Michael Bruno, PhD
Provost
University of Hawaii at Mānoa

HB 1714 HD1 – RELATING TO TWO-LINED SPITTLEBUGS

Chair Luke, Vice Chair Yamashita, and members of the House Committee on Finance:

Thank you for the opportunity to provide testimony in <u>support</u> of HB 1714 HD1.

The two-lined spittlebug is another challenge to the biosecurity of Hawai'i agriculture. The bill does a credible job of describing the problem and its potential effect. The spittlebug will continue to degrade Hawai'i Island pasture and affect livestock operations if a coherent integrated pest management program is not identified and extended to producers. This problem will require the combined efforts of the Hawai'i Department of Agriculture (HDOA), the University of Hawai'i at Mānoa, College of Tropical Agriculture and Human Resources (UHM/CTAHR), and the appropriate federal agencies on Hawai'i Island.

UHM/CTAHR is currently involved with spittlebug research and Extension efforts through an Extension Specialist on Hawai'i Island and a Professor of Entomology on the Mānoa campus. There is also a clear role for the U.S. Department of Agriculture, Interregional Research Project No. 4 (IR-4) program, which could also be a source of federal funds. The IR-4 mission is to test the efficacy of pesticides and develop data to label the chemistry for specific uses.

HB 1714 HD1 budgets funds to combat this pest, and puts those funds and decision making authority in the hands of the HDOA. We strongly support this effort as UHM/CTAHR already works closely with HDOA on this and on other biosecurity issues.

We <u>support</u> HB 1714 HD1, but defer to the HDOA as to their priorities and availability of personnel to support this measure.

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 23, 2022 2:30 P.M. VIDEO CONFERENCE

HOUSE BILL NO. 1714 HD1 RELATING TO TWO-LINED SPITTLEBUGS

Chairperson Luke and Members of the Committee:

Thank you for the opportunity to testify on House Bill 1714 HD1, relating to two-lined spittlebugs. The bill appropriates funds from general fund for fiscal year 2022-2023 to be expended by the Hawaii Department of Agriculture to mitigate and control the two-lined spittlebug, including but not limited to reducing the two-lined spittlebug population using insecticides, integrating weed management measures in affected rangelands, and reseeding pastures damaged by infestations. The bill also requires the Department to report on progress and potential legislation needed to the Legislature. The Department supports this measure provided it does not adversely impact the Department's priorities in the Executive Supplemental Budget.

Invasive species are a primary threat to Hawai'i's agriculture and economy. Funding for control of invasive species is critical to ensure that appropriate responses can be implemented and maintained which mitigate negative impacts on agriculture, the environment, and the economy.

Thank you for the opportunity to testify on this measure.





Email: communications@ulupono.com

HOUSE COMMITTEE ON FINANCE Wednesday, February 23, 2022 — 2:30 p.m.

Ulupono Initiative supports HB 1714 HD 1, Relating to Two-Lined Spittlebugs.

Dear Chair Luke and Members of the Committee:

My name is Micah Munekata, and I am the Director of Government Affairs at Ulupono Initiative. We are a Hawai'i-focused impact investment firm that strives to improve the quality of life throughout the islands by helping our communities become more resilient and self-sufficient through locally produced food; renewable energy and clean transportation; and better management of freshwater and waste.

Ulupono <u>supports</u> **HB 1714 HD 1**, which appropriates funds to the Department of Agriculture for the mitigation and control of the two-lined spittlebug and recovery of the rangelands and pastures damaged by the invasive pest, and research.

Ulupono supports the State's goal to increase local food production, which includes strengthening the local livestock industry. The two-lined spittlebug was first detected in Kailua-Kona on Hawai'i Island in September 2016 where it damaged roughly 2,000 acres of pastureland. As of October 2019, damage from infestation has skyrocketed to about 142,468 acres of rangelands on Hawai'i Island. In highly infested areas, there is 100% die-off of key pasture grasses such as Kikuyu and Pangola. Rapid spread and die-off due to this pest are affecting the local livestock industry and pose a massive threat to production on Hawai'i Island. Increasing State resources to support the local livestock industry will be crucial in maintaining the growth of local livestock production and meeting State food production goals.

Thank you for this opportunity to testify.

Respectfully,

Micah Munekata Director of Government Affairs



COMMITTEE ON FINANCE Rep. Sylvia Luke, Chair Rep. Kyle T. Yamashita, Vice Chair

HB1714 HD1

Relating to Two-lined Spittlebugs

Wednesday, Feb 23, 2022, 2:30 PM VIA VIDEOCONFERENCE

Chair Luke, Vice Chair Yamashita, and Members of the Committee,

The Hawaii Cattlemen's Council **strongly supports HB1714 HD1** to appropriate funds to the Department of Agriculture for the control of the Two-lined Spittlebug (TLSB) and recovery of rangelands damaged by the invasive pest. We appreciate that the legislature understands the implications of this invasive species and therefore appropriated funding toward this issue in the 2021 legislative session. Ranchers are awaiting access to those funds, but continue to deploy efforts to curb the spread of the Twolined Spittlebug, and further years of investment in control and research is necessary. The Hawaii Cattlemen's Council has been holding consistent meetings to keep up to date on this issue and work towards finding solutions. This group includes NRCS, CTAHR researchers, HDOA, HISC, BIISC affected ranchers, and ranchers who are at threat. Outcomes include a website (www.tlsbhawaii.com), several informational videos, and outreach via webinars and conventions, and radio spots to raise awareness.

We are aware that there are many pressing issues that need funding, but this invasive species directly affects food production. Hawaii Island is responsible for 80% of the state's cattle production, so an outbreak of this invasive species will be devastating not only to cattle ranchers, but to our endeavor for food security. This invasive species issue affects all of Hawaii, not just the cattle ranchers. Two-lined Spittlebug was first detected in Kailua-Kona, on the Big Island of Hawaii in September 2016 where it had caused damage to nearly 2,000 acres of pasture land. Monthly pasture surveys that began in in November 2017 have revealed that the pest has rapidly expanded its range and as of September 2021 infests 178,369 acres. It is imperative that we stop the spread of the Two-lined Spittlebug and assist ranchers affected in recovery efforts.

Two-lined Spittlebug infestations in Hawaii have been shown to dramatically reduce the forage quantity and quality of pastures by killing key forage species outright, or by decreasing the nutritional value, palatability, and productivity of key forages. This promotes the establishment and proliferation of invasive weeds with no economic or other value, while significantly reducing the quality of foraging grasses. Reseeding areas denuded by the Two-lined Spittlebug will protect from runoff and provide forage for cattle. Recovery efforts for ranches affected by Two-lined Spittlebug include brush management, herbaceous weed treatment, range planting, forage and biomass planting, and fencing and prescribed grazing.









Healthy grazing lands are integral to watershed health and function in Hawaii. The Two-lined Spittlebug severely disturbs the Hawaiian grazing land plant community by killing the grass. This loss of living ground cover leaves the land vulnerable to soil loss which contributes to sediment-laden runoff into our near shore coastal waters, affecting coral reef health. Healthy coral reefs provide important services such as shoreline protection, marine ecosystem habitats that support important food chains that also help support our communities. Invasive weeds move in on these degraded lands, changing the entire character of the landscape hindering not only agriculture, but also other land management efforts, and recreational uses such as forest and wildlife conservation projects, hiking and hunting, not to mention the change to the aesthetic value of the land.

Ranchers in Hawaii are working hard to try to find cost-effective ways to adapt to this new challenge and to keep their lands healthy and productive, but the task is too big for them to take on alone. HDOA has provided funds for research efforts and we respectfully urge the legislature to provide them with funding to continue supporting this effort.

We **strongly support HB1714 HD1** for funds to be appropriated to aid in research and recovery from the damage from the Two-lined Spittlebug and preventing the spread of the invasive species.

Nicole Galase Hawaii Cattlemen's Council Managing Director



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 23, 2022

HEARING BEFORE THE HOUSE COMMITTEE ON FINANCE

TESTIMONY ON HB 1714, HD1 RELATING TO TWO-LINED SPITTLEBUGS

Conference Room 309 & Videoconference 2:30 PM

Aloha Chair Luke, Vice-Chair Yamashita, and Members of the Committee:

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

The Hawai'i Farm Bureau supports HB 1714, HD1, which appropriates funds to the department of agriculture for the mitigation and control of the two-lined spittlebug, recovery of the rangelands and pastures damaged by the invasive pest, and research.

The Two-lined spittlebug was first detected in Kailua-Kona, on the Big Island of Hawai in September 2016 where it had caused damage to nearly 2,000 acres of pasture land. Monthly pasture surveys that began in November 2017 have revealed that the pest has rapidly expanded its range and as of October of 2019 infests over 222 sq. miles or about 142,468 acres. We must stop the spread of the Two-lined Spittlebug and assist ranchers affected in recovery efforts.

Two-lined Spittlebug infestations in Hawai'i have been shown to dramatically reduce the forage quantity and quality of pastures by killing key forage species outright, or by decreasing the nutritional value, palatability, and productivity of key forages. This promotes the establishment and proliferation of invasive weeds with no economic or other value, while significantly reducing the quality of foraging grasses. Reseeding areas denuded by the Two-lined Spittlebug will protect from runoff and provide forage for cattle.

Recovery efforts for ranches affected by Two-lined Spittlebug include brush management, herbaceous weed treatment, range planting, forage, and biomass planting, and fencing and prescribed grazing.

Thank you for this opportunity to testify on this important subject.



Hawai'i Aquaculture & Aquaponics Association

Hawai'i Cattlemen's Council

Hawai'i Farm Bureau Federation

Hawai'i Farmers' Union United

Hawai'i Food Industry Association

Hawai'i Food Manufacturers Association

Kohala Center

Land Use Research Foundation of Hawai'i

Maui Farm to School Network (Maui F2SN)

Ulupono Initiative

College of Tropical Agriculture and Human Resources - University of Hawai'i at Manoa

HOUSE COMMITTEE ON FINANCE February 23, 2022 – 2:30 p.m. – Via Videoconference **Agenda #2**

RE: HB 1714 HD1 - Relating to Two-lined Spittlebugs – In Support

Aloha Chair Luke, Vice Chair Yamashita and Members of the Committee:

The Local Food Coalition **supports** HB 1714 HD1 which appropriates funds to the Department of Agriculture (DOA) for the mitigation and control of the two-lined spittlebug, recovery of the rangelands and pastures damaged by the invasive pest, and research.

The two-lined spittlebug was first detected in Kailua-Kona, on the Big Island of Hawaii in September 2016, where it had caused damage nearly 2,000 acres of pasture land. As of September 2021, it has infested over 278 square miles or about 178,369 acres.

The two-lined spittlebug severely impacts the cattle industry as it kills the grass completely, providing conditions conducive to the growth of invasive species, weeds and lower forage quality grasses. While much has been done to address this issue, which included funding by the Legislature last session, more support and funding are needed to continue the efforts of the DOA and all stakeholders in mitigating and controlling the two-lined spittlebug population in the state. This effort should include assistance to ranchers as well as continued research to understand best practices for addressing the two-lined spittlebug. We need to continue to find ways to stop the spread of this invasive species to avoid a negative impact on local food production.

The Local Food Coalition is an organization comprising of farmers, ranchers, livestock producers, investors and other organizations working to provide Hawaii's food supply.

We respectfully request your support of HB 1714 HD1. Thank you for the opportunity to submit testimony.

Kendall Matsuyoshi 808-544-8345 kmatsuyoshi@wik.com

Submitted on: 2/21/2022 8:13:22 AM

Testimony for FIN on 2/23/2022 2:30:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Jimmy Gomes	Hawaii Cattlemen's Council	Support	No

Comments:

I support per Hawaii Cattlemen's Council testimony



February 18, 2022

Representative Sylvia Luke, Chair Representative Kyle T. Yamashita, Vice Chair House Committee on Finance

Comments in Support of HB 1714, H.D. 1, Relating to Two-Lined Spittlebug (Appropriates funds to the Department of Agriculture [DOA] for the mitigation and control of the two-lined spittlebug, recovery of the rangelands and pastures damaged by the invasive pest, and research; effective 7/1/2050.)

Wednesday, February 23, 2022, 2:30 p.m.; Conference Room 308 Via Videoconference

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. LURF's mission 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 appreciates the opportunity to express its **support of HB 1714**, **H.D. 1** and of the various agricultural stakeholder groups who defend the goals of viable agricultural operations and the conservation and protection of agriculture in Hawaii.

HB 1714, H.D. 1. This bill proposes to appropriate funds to be expended by the DOA to continue efforts to mitigate and control the two-lined spittlebug and recover rangelands damaged by the invasive pest; and for research to inform best practices and monitor the status of the two-lined spittlebug. The moneys shall be used to fund mitigation and control of the two-lined spittlebug, including reduction of the two-lined spittlebug population through the use of insecticides; integration of weed management measures in affected rangelands and pastures; reseeding of pastures damaged by infestations; and research to inform best practices and monitor the status of the two-lined spittlebug.

House Committee on Finance February 18, 2022 Page 2

LURF's Position. Invasive species such as insects, disease-bearing organisms, snakes, weeds, and other pests pose the greatest threat to Hawaii's economy, agriculture, tourism, 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 the two-lined spittlebug now threaten to infest and damage pasture lands, reducing the quality of forage pastures, and thereby impairing livestock ranching, which is a highly productive, expanding, and extremely valuable industry on all islands with an estimated current annual value of more than \$68 million.

LURF members include property owners, farmers and ranchers who own, maintain, and engage in agricultural enterprises, and who consider efforts to protect and support agriculture significant to the continued conduct of their operations and to help sustain and preserve farming and ranching businesses into the future. The two-lined spittlebug threatens job and food security in the agricultural and ranching industries, as well as throughout the State, making it vital to address infestations and restrict further uncontrolled spread.

As potentially devastating threats to food safety and security continue to be a significant concern, LURF and its members appreciate this measure being taken to assist agricultural stakeholders.

For the above reasons, LURF **supports HB 1714**, **H.D. 1** and respectfully urges your favorable consideration.

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



TESTIMONY OF JACOB D. TAVARES, LIVESTOCK OPERATIONS BUSINESS MANAGER, PARKER RANCH, INC. TO THE HOUSE COMMITTEE ON FINANCE February 23, 2022 2:30 pm VIA VIDEOCONFERENCE

MEASURE: H.B. No. 1714 HD1

TITLE: RELATING TO TWO-LINED SPITTLEBUGS

Chair Luke, Vice Chair Yamashita, and Members of the Committee:

Parker Ranch, Inc. strongly supports House Bill 1714 HD1 to appropriate funds to the Department of Agriculture for the control of the Two-lines Spittlebug (TLSB) and recovery of rangelands damaged by the invasive pest.

TLSB is one of the greatest threats to Hawaii's local beef production. The TLSB is already affecting more than 175,000 acres of land on the Big Island and is spreading rapidly. Fellow rancher's whose grazing lands have been impacted by this invasive species, are dramatically reducing their herd sizes, and thus revenue streams. The livestock business is very low margin to begin with, and in light of Covid-19, we risk losing more of our family ranchers if a solution to this pest is not discovered soon.

We at Parker Ranch are fortunate that the TLSB has not yet reached our grazing lands, however the potential impacts that it would have on our grazing operations are, quite frankly, terrifying. The University of Hawaii CTAHR, Hawaii Department of Agriculture, HISC, BIISC, affected ranchers, those of us who are at threat, and other stakeholders within the Hawaii conservation and livestock industries have been hard at work to develop a solution to this growing infestation. That being said, more resources are needed if our industry is to combat this challenge in a timely manner.

Beyond affecting the livestock industry, this pest will continue to impact other food security concerns, watershed lands, and the further spread of invasive weeds. Healthy grazing lands are integral to watershed health and function in Hawaii. The Two-lined Spittlebug severely disturbs the Hawaiian grazing land plant community by killing the grass. This loss of living ground cover leaves the land vulnerable to soil loss which contributes to sediment-laden runoff into our near shore coastal waters, affecting Hawaii's delicate ecosystems. Invasive weeds move in on these degraded lands, changing the entire character of the landscape hindering not only agriculture, but also other land management efforts.

Thank you for your consideration of this important matter.

Jacob D. Tavares Parker Ranch Manager, Livestock Business Operations

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

HB1714hd1, Relating to Two-lined Spittlebugs House FIN Hearing – 2:30pm Wednesday, February 23, 2022

Testimony By: Larry Jefts Position: Support

Chair Luke, Vice Chair Yamashita, and Members of the House FIN Committee:

I am Larry Jefts, owner and operator of Larry Jefts Farms, LLC. We have more than 42 years of Hawaii farm experience on Molokai and Oahu. Our family farms grow about 1 million pounds weekly of import replacement produce. I am a volunteer director, serving as Chair of the West Oahu Soil and Water Conservation District (SWCD). I have been an officer of the Hawaii Farm Bureau for many years.

Livestock ranching has an estimated annual value of \$68 million, with 142,000 beef cattle on more than 1,300 ranches---80% are raised on the Big Island. It's an industry striving to bring local food to Hawaii consumers.

Two-lined spittlebug damage results in entire pastures reduced to dust and replaced with weeds that cattle cannot eat. This damage causes runoff and affects the surrounding land and water. More importantly, it directly impacts food production and the replacement of imported beef.

We understand and appreciate the 2021 Session appropriations to address this issue. We also understand that the HDOA received limited funds from the Coronavirus State and Local Fiscal Recovery Funds to mitigate and control the two-lined spittlebug.

However, your continued support is needed to help ranchers mitigate and recover pasture lands. We strongly support the HD1 that includes support for the use of the appropriations to include research to inform best practices and monitor the status of the two-lined spittlebug.

Your favorable consideration of HB1714hd1 is appreciated. Thank you for the opportunity to testify on this bill.

<u>HB-1714-HD-1</u> Submitted on: 2/21/2022 10:13:12 AM

Testimony for FIN on 2/23/2022 2:30:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Alan Gottlieb	Ponoholo Ranch Limited	Support	No

Comments:

Please support HB 1714

Submitted on: 2/22/2022 9:10:39 AM

Testimony for FIN on 2/23/2022 2:30:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Frances Kama-Silva	Barbed S Ranch LLC	Support	No

Comments:

Senators,

We strongly support this Bill. The absolute destruction this tiny insect has caused in some of our pasturelands and the real potential for the decimation of our cattle industry is cause for immediate, focused, funded attention. The continued development of Hawaii's ability to self-feed its masses is dependant on it.

Thank you,

Frances Kama-Silva and Henry Silva

<u>HB-1714-HD-1</u> Submitted on: 2/22/2022 8:24:59 AM Testimony for FIN on 2/23/2022 2:30:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Jordan	Haleakala Ranch	Support	No

Comments:

i support

<u>HB-1714-HD-1</u> Submitted on: 2/21/2022 8:10:40 AM

Testimony for FIN on 2/23/2022 2:30:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Woody Child	Individual	Support	No

Comments:

I support HB1714

Personal Testimony in SUPPORT of HB1714 RELATING to TWO-LINED SPITTLEBUGS by Jenee S. Odani, DVM, DACVP

House Committee on Finance February 23, 2022 2:30 pm; via Video Conference

Aloha Chair Luke, Vice Chair Yamashita, and members of the committee:

My name is Jenee Odani, and I am the Extension Veterinarian with the University of Hawaii at Manoa's College of Tropical Agriculture and Human Resources. I am grateful for the opportunity to provide personal testimony in **SUPPORT of HB 1714**. This testimony does not represent the position of the University of Hawaii nor CTAHR.

I know that this year brings with it many challenges for the State, including fiscal restrictions. However, I believe that the ongoing and growing threat posed by the Two-lined Spittlebug to Hawaii's lands and the ranchers that steward these lands warrants special consideration. Please appropriate funds to the Dept. of Agriculture for the control of the Two-lined Spittlebug and recovery of the rangelands damaged by the invasive pest.

Thank you for the opportunity to testify on this matter.

<u>HB-1714-HD-1</u> Submitted on: 2/21/2022 4:22:08 PM

Testimony for FIN on 2/23/2022 2:30:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Alex Franco	Individual	Support	No

Comments:

I support HB 1714.

Submitted on: 2/22/2022 8:23:23 AM

Testimony for FIN on 2/23/2022 2:30:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Carolyn Auweloa	Individual	Support	No

Comments:

I **strongly support SB2988** for funds to be appropriated to aid in research and recovery from the damage from the Two-lined Spittlebug and preventing the spread of the invasive species.

Submitted on: 2/22/2022 1:59:40 PM

Testimony for FIN on 2/23/2022 2:30:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Chuck Chimera	Individual	Support	No

Comments:

Dear Legislators,

I am writing in support of HB1714 to procure funds for Hawaii Department of Agriculture for research on the Two-lined Spittlebug (TLSB) and for recovery of damaged rangelands affected by this invasive insect.

As a resident of Honokaa, I regularly drive past cattle pastures along the Hamakua coast and on the way to Waimea and recognize the importance of a healthy and viable ranching industry as an important component of the Big Island's agricultural economy.

As a former Maui resident and employee of Haleakala National Park, I also recognize that well managed ranchlands (such as Haleakala Ranch, Ulupalakua Ranch and Nuu Mauka Ranch) adjacent to conservation lands and reserves can provide an important buffer against the establishment of invasive, woody weeds that impact native ecosystems. In addition, these ranches serve as natural fuel breaks, slowing or preventing the spread of wildfires into endangered plant and animal habitat.

The continued impacts of the TLSB will therefore have terrible consequences to both Hawaii's economy and natural environment if they are not addressed now, while there is still time to minimize the negative effects and find solutions to mitigate their impacts.

I therefore strongly urge you to support HB1714 and provide HDOA and the ranching industry with the much-needed resources to continue to research and find solutions to this existential invasive pest.

Mahalo,

Chuck Chimera

Honokaa, Hawaii

<u>HB-1714-HD-1</u> Submitted on: 2/21/2022 7:42:03 AM Testimony for FIN on 2/23/2022 2:30:00 PM

Su	bmitted By	Organization	Testifier Position	Remote Testimony Requested
Ha	rry von Holt	Individual	Support	No

Comments:

I support.

<u>HB-1714-HD-1</u> Submitted on: 2/22/2022 6:36:29 AM Testimony for FIN on 2/23/2022 2:30:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Theresa M Thompson	Individual	Support	No

Comments:

I support.

Submitted on: 2/23/2022 8:28:47 AM

Testimony for FIN on 2/23/2022 2:30:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Darcy Oishi	Individual	Support	No

Comments:

Available for questions regarding Hawaii Department of Agriculture's testimony.