
A BILL FOR AN ACT

RELATING TO BIOSECURITY.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that invasive species
2 pose a serious threat to Hawaii's agriculture, urban landscapes,
3 and natural ecosystems. The coconut rhinoceros beetle has
4 decimated the coconut palm industry on the island of Oahu and is
5 spreading to other islands, altering the landscape aesthetics
6 and threatening food production. Coffee berry borer and coffee
7 leaf rust have substantially reduced coffee production in the
8 State, and the two-lined spittle bug is devastating pastures,
9 which threatens the viability of Hawaii's livestock industry.
10 Invasive mammals and birds, such as axis deer, wild pigs, wild
11 goats, and rose-ringed parakeets, are devastating agricultural
12 and natural ecosystems in the counties of Maui, Hawaii, and
13 Kauai. Additionally, the coqui frog is causing noise pollution
14 and threatening the State's native and endangered species.

15 The purpose of this Act is to appropriate funds to the
16 university of Hawaii at Manoa college of tropical agriculture
17 and human resilience to establish a center on biosecurity



1 research, education, and extension to develop and implement
2 innovative solutions for detecting, monitoring, eradicating, and
3 managing invasive species.

4 SECTION 2. The university of Hawaii at Manoa college of
5 tropical agriculture and human resilience shall establish a
6 center on biosecurity research, education, and extension to
7 develop and implement innovative solutions for detecting,
8 monitoring, eradicating, and managing invasive species by:

- 9 (1) Developing predictive risk assessment and spread
10 models for anticipated invasive species to guide the
11 State's proactive biosecurity response plans;
- 12 (2) Develop rapid detection methods, tracking systems, and
13 eradication protocols for invasive species;
- 14 (3) Develop and implement area-wide and community-based
15 solutions, including the use of canines, to detect,
16 eradicate, and manage invasive species in
17 collaboration with the department of agriculture and
18 biosecurity and other agencies and organizations;
- 19 (4) Identify chemical control options through the IR-4
20 program and work with the department of agriculture
21 and biosecurity to register them in Hawaii;



- 1 (5) Identify and evaluate biocontrol agents under
2 biocontainment and coordinate their multiplication and
3 release for managing invasive species;
- 4 (6) Provide rapid pest and disease diagnostics through the
5 university of Hawaii at Manoa college of tropical
6 agriculture and human resilience's plant pest and
7 disease diagnostics and animal disease diagnostics
8 labs;
- 9 (7) Disseminate data and information to the public through
10 a dedicated website and public campaigns through the
11 university of Hawaii at Manoa college of tropical
12 agriculture and human resilience's cooperative
13 extension;
- 14 (8) Collaborate with governmental, non-profit, and for-
15 profit organizations in developing useful byproducts
16 from established invasive species, including but not
17 limited to timber, fiber, meat, animal feed,
18 biofertilizer, and biochar; and
- 19 (9) Develop a certificate and a one-year professional
20 master's degree in biosecurity.



1 SECTION 3. There is appropriated out of the general
2 revenues of the State of Hawaii the sum of \$ or so
3 much thereof as may be necessary for fiscal year 2026-2027 for
4 the university of Hawaii at Manoa college of tropical
5 agriculture and human resilience to establish a center on
6 biosecurity research, education, and extension, to be allocated
7 as follows:

- 8 (1) \$ for planning and design;
- 9 (2) \$ for design, plans, and construction of
10 biocontainment labs and greenhouses;
- 11 (3) \$ for design, plans, and construction of a .
12 standard office and laboratory building and an outdoor
13 canine facility for detector dogs; and
- 14 (4) \$ to establish two full-time equivalent (2.0
15 FTE) extension agents in wildlife and weed management,
16 one full-time equivalent (1.0 FTE) risk
17 assessment/spread modeling scientist, one full-time
18 equivalent (1.0 FTE) data manager, one full-time
19 equivalent (1.0 FTE) website and information
20 dissemination specialist, three full-time equivalent
21 (3.0 FTE) administrative professional technical



1 laboratory technicians, one full-time equivalent (1.0
2 FTE) administrative professional technical fiscal
3 support specialist, and one full-time equivalent (1.0
4 FTE) administrative professional technical office
5 support.

6 The sum appropriated shall be expended by the university of
7 Hawaii for the purposes of this Act.

8 SECTION 4. This Act shall take effect on July 1, 3000.



Report Title:

UH College of Tropical Agriculture and Human Resilience; Center for Biosecurity Research, Education, and Extension; Appropriation

Description:

Requires the College of Tropical Agriculture and Human Resilience to establish a Center for Biosecurity Research, Education, and Extension to develop and implement innovative solutions for detecting, monitoring, eradicating, and managing invasive species. Appropriates funds. Effective 7/1/3000.
(HD1)

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