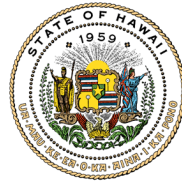


JOSH GREEN, M.D.
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DEPARTMENT OF AGRICULTURE AND BIOSECURITY
FISCAL BIENNIUM 2025-2027 SUPPLEMENTAL BUDGET BRIEFING

Mission Statement

To further expand the role of Hawaii's agricultural industry to benefit the well-being of our island society by diversifying the economy, protecting resources important for agricultural production, and gaining greater self-sufficiency in food production.

Overview

The Department of Agriculture and Biosecurity's seven divisions, Plant Industry, Animal Industry, Agricultural Development Division, Quality Assurance, Agricultural Resource Management, Agricultural Loan and the Administrative Services Office with a staff of over 300 employees, support an industry of over 6,500 farms statewide. Responsibilities include biosecurity, establishing and maintaining irrigation systems, managing agricultural lands, marketing and business development, maintaining healthy livestock industries, rabies prevention, and food safety and quality assurance programs.

The Department continues to advocate for all agriculture producers; using limited resources to aid food and non-food agriculture, aquaculture and livestock industries to increase their contribution to the State's economy and moving towards an integrated 21st century agricultural economy supported by all agriculture industries and agencies of state government.



Recent significant accomplishments of the programs include:

Land/Water

- The Agricultural Resource Management Division (ARMD) continues to maintain and develop irrigation systems and deliver agricultural water to farmers on Oahu, Molokai, and Hawaii.
- The Department continues to work with the Department of Land and Natural Resources (DLNR) on the transfer of Non-Agricultural Park lands to HDAB. and Natural Resources (DLNR) on the transfer of Non-Agricultural Park lands to HDAB. During the fiscal year, DLNR transferred to HDAB, by Governor's executive order, 22 parcels totaling 1531 acres. HDAB is awaiting the transfer of additional parcels from DLNR pending completion of land surveys and mapping of the parcels and easements.

Completed Capital Improvement Projects

- The Moloka'i Irrigation System Waikolu Valley Sluice Gate project replaced a critical component of the system. Over the last 70 years, the gate, which allows water to accumulate in the pump station before being pumped to the reservoir had significantly deteriorated, taking the pump station offline. This project required very close contact between division staff and the contractor. It required extremely detailed in-field measurements and custom manufactured parts. Site access was problematic due to physical limitations, so logistics were carefully monitored. The timely improvements brought the pump station back online and provides reliable operation for this important water source.
- The Pu'ukapu Reservoir on the Island of Hawaii is the main reservoir servicing the Waimea Irrigation System. It holds 60 million gallons of irrigation water that is available for approximately 700 acres of diversified agricultural lands. Modern dam safety regulations required improvements to the decades old structure. The improvements required the complete draining of the reservoir, installation of a new, impermeable high density polyethylene liner, relocation of outlet works, and construction of a parapet wall to prevent water from overtopping the crest. These improvements will minimize risks associated with the reservoir and ensure a more reliable source for years to come.

Supporting Farmers and Developing Agricultural Markets

- The passage of Act 69, SLH 2025 made major revisions to the loan program to better meet the current needs of industry and make it easier for farmers and ranchers to access capital. The legislation increased loan limits, reduced the number of credit denials required to qualify for the program, lowered and fixed the program's interest

rates. Food hubs were added as qualified borrowers and a line of credit program was established. Following the passage of the legislation, the program increased its outreach efforts to raise awareness of the revitalized program.

- The loans approved by the program during FY 25 totaled \$411,400 and assisted a variety of operations including a food hub, fruit, vegetable, taro, mushroom operations and aquaponic farm. These loans funded farm expansion, capital improvements and operating expenses. Loan guaranties provided by the program \$1,426,181 and allowed for the expansion of an ‘ulu (breadfruit) processing cooperative and an aquaculture operation.
- After numerous implementation delays, the USDA announced awards for 17 Hawai‘i projects totaling \$2.6 million under the Resilient Food Systems Infrastructure (RFSI) Program in December 2025. This RFSI program is administered by the Agricultural Development Program and is aimed at strengthening middle-of-the-supply-chain operations and local food systems by supporting processing, manufacturing, storing, transportation, wholesaling and distribution of agricultural products. Hawai‘i was the ninth state to be awarded the grant projects, under two distinct grant categories, Infrastructure Grant (IG) and Simplified Equipment Only Grant (SEOG).
- The Market Analysis and News Branch (MANB) posted 24 statistical bulletin reports covering the production, pricing, acreage, yields, and sales of various crops and livestock produced in Hawai‘i. These commodities included kale, bananas, eggplant, basil, radish, avocados, eggs, aquaculture, cattle, and hogs and pigs, as well as a report on the top 15 agricultural commodities in terms of market value. The reports also included other farm-related information, such as land use, farm labor and wages, irrigation systems, cash rents, tenure type, and operator characteristics.
- MANB completed a comprehensive report on the Profitability of Farm Operations in Hawai‘i, utilizing the USDA NASS 2022 Census of Agriculture. This report provides an overview of the economic performance and operational efficiency of Hawai‘i’s farms, categorizing results by acreage intervals and annual farm sales. Key financial metrics – including gross income, net income, output-input ratio, and return on assets – are presented to assess both the short- and long-term profitability of farm operations in Hawai‘i.
- Micro Grants for Food Security Program (MGFSP) are designed for small-scale gardening, herding and livestock operations to increase the quantity and quality of locally grown food in food-insecure communities. Grants are awarded to individuals of up to \$5,000 per household and \$10,000 for organizations. The application period was from July 11-August 12, 2024, of which 1461 applications were received by individuals and 30 applications for organizations. Award notifications were sent to 620 individuals

and 9 organizations between November 1-30, 2024, and funds were distributed April 1 – May 30, 2025. The total amount available was \$3,576,470.

- Specialty Crops Block Grant Program (SCFSP) supports projects that provide the highest measurable benefits or return-on-investment to the specialty crop industry segment in Hawai'i. Projects must enhance the competitiveness of Hawai'i-grown specialty crops, in either the domestic or foreign markets. Preference is given to projects that measurably increase the production and/or consumption of specialty crops, and/or foster the development of fledging crops and organic operations. Applications were available from February 15 – March 19, 2024, and notice of awards were sent on May 15, 2024 to nine organizations of which 30 applied. The total amount available was \$524,773.
- Food Hub Pilot Project - This program establishes food hubs, which are centrally located facilities having a business management structure that facilitates aggregation, storage, processing, distribution, and marketing of locally produced food products. By actively coordinating these activities along the value chain, food hubs may provide wider access to institutional and retail markets for small-to mid-sized producers and increase consumer access to fresh healthy food, including those consumers in underserved areas and food deserts. Act 313, SLH 2022 appropriated \$1,500,000 for the establishment of a 5-year program. An RFP was created and posted for applicants on March 27, 2023, and closed on May 3, 2023. A total of 27 proposals were submitted totaling \$6,218,019.26 of which six proposals were accepted totaling \$1,350,000. This is the third year of the grant period.
- Seal of Quality - Launched in May 2006, the Hawaii Seal of Quality represents the cream of the crop of Hawaii's agricultural producers. It was established to protect the integrity and value of the marketing cachet for Hawaii branded farms and value-added products. Products with this seal are genuine, Hawaii-grown, or Hawaii-made premium products, a guarantee that is enforced by the State of Hawaii. The program currently has 89 members of which 61 were renewals and 28 are new to the program.
- Made in Hawai'i with Aloha (MIHA) branding program - is managed by the DAB and is promoted jointly by DAB, Hawai'i Department of Business, Economic Development and Tourism (DBEDT), and the Chamber of Commerce of Hawaii (CoC). The MIHA branding program was established to protect the integrity and value of authentic Hawai'i branded products and to identify those products made in Hawai'i from products made elsewhere yet called made in Hawai'i. Products labeled with the MIHA logo comply with the provisions of Hawaii Revised Statutes (HRS) §486-119 Hawai'i-made products; Hawai'i-processed products. The program currently has 141 members of which 112 were renewals and 29 were new to the program.

- The Quality Assurance Division, through a grant from the U.S. Food and Drug Administration (FDA), continues to operate the Hawai'i Produce Safety Program. This program advances local efforts to support the nationally integrated food safety system by promoting safe production of fresh fruits and vegetables and by encouraging compliance with the FDA's Produce Safety Rule (PSR) – the Standards for the Growing, Harvesting, Packing, and Holding of Produce for Human Consumption. The program employs two key staff members whose primary responsibilities are assessing Hawai'i's produce crops and farm inventory, as well as providing education, outreach, and technical assistance to farms on the Produce Safety Rule. Its goal is to strengthen Hawai'i's produce industry by helping farms meet FDA FSMA PSR requirements, fostering a culture of food safety, and protecting public health.
- Hemp cultivation in Hawai'i operates under the USDA Domestic Hemp Production Program (DHPP) as mandated by Act 14 (2020). As of June 30, 2025, forty-four USDA-licensed hemp producers are active across the islands, but confidential USDA data on acreage is withheld due to the small number of growers. The Department enforces buffer zones and oversees hemp transportation, with fourteen monitored movements reported in 2025, mostly within islands.
- Act 263 (2023) formed the Hawai'i Hemp Task Force, composed of licensed growers and industry sector representatives, to address infrastructure needs. Convened in May 2024 and ended in August 2024, the Hemp Task Force's recommendations led DAB to outline targeted outreach initiatives supporting licensed hemp growers by advancing seed breeding, fostering research collaborations with academic institutions, and strengthening Hawai'i's hemp industry. These efforts included field visits, regulatory guidance, and stakeholder collaboration to build a connected, knowledgeable hemp community.
- Commodities Branch staff provide voluntary fee-for-service coffee grading and certification services for our local coffee industry, and staff have provided timely service to all requests for product certification. The program is working with Hawaii Coffee Association and various members of Hawaii's coffee industry on changing Hawai'i Administrative Rules regarding grading standards and classification of green coffee to improve the overall green coffee quality. The branch fulfilled all industry requests for grading services resulting in 323 coffee green bean certificates issued.
- Under a cooperative agreement with USDA, branch staff conduct Good Agricultural Practices (GAP) and Good Handling Practices (GHP) food safety audits at farms, distributors, and packing warehouse facilities throughout the state. In FY25, the branch had only one licensed auditor performing GAP, Harmonized GAP, and Harmonized GAP+ audits statewide. The branch is in the process of training and licensing a second auditor. Trainees must meet all USDA training requirements and

evaluated as a lead auditor at least twice by a representative of the USDA before being licensed. The branch fulfilled all audit requests from produce industry with a total of 53 food safety audits.

- The state's metrology laboratory has received re-certification in FY25 by the National Institute of Standards and Technology for an echelon one lab which is highest of standards for inspection, calibration, and certification of which there are only seven others in the United States. This certification is done annually by NIST after testing the metrologist and reviewing the facilities and equipment used. As custodians of the state level measurement standards, the laboratory serves as the basis for ensuring equity in the marketplace and as reference standard for calibration services for the state and various commercial industry members.

Invasive Species/Environment

- In compliance with Act 236, SLH 2025, the department established the [biosecurity dashboard](#) which is an integral piece for the Department's biosecurity effort. The dashboard allows the department to communicate with the public in a timely manner to provide information about best management practices, reporting information and department control efforts. The dashboard currently covers Avian Flu, Coconut Rhinoceros beetle, Little Fire Ant and Coqui frog. As the dashboard is expanded and refined the intent is to increase the number of pests covered, include partner agencies and have the dashboard be the communication centerpiece of the State's biosecurity effort.
- Inspections- The Plant Quarantine Branch (PQB) has offices statewide, primarily located at or near the ports of entry (airports/seaports), with 95 inspectors/aides/technicians responsible for day-to-day operational activities. Regulated commodities include the following: propagative plant material; cut-flower or foliage; fresh produce; other agricultural products in the natural or raw state; forage such as moss, hay, straw or dry-grass; unmanufactured logs, timber, or plant-product, unprocessed or in the raw state; soil; microorganisms; non-domestic animals such as live birds, reptiles, nematodes, insects in any stage of development; and associated containers/vehicles used to transport regulated commodities.

Import Inspections of regulated commodities are primarily conducted at the ports of entry with inspectors inspecting imported goods at airports, seaports, importer/freight forwarder facilities, express mail carriers such as FedEx/UPS/DHX, the and the U.S. Postal Service. Highly perishable commodities arriving via surface vessel are inspected at importer's facilities. In FY 25, 8,238,266 lots of regulated commodities were inspected, with 2,856 lots requiring treatment, destruction, confiscation, or shipment out of state.

- Little Fire Ants - In FY 2025, the PQB conducted 82 Little Fire Ant (LFA), *Wasmannia auropunctata*, surveys across O'ahu. 31,832 samples were taken, with 2,791 being positive for LFA at 22 sites. Treatment is in progress at over 60 O'ahu sites, and on over 100 acres on Kaua'i, while Maui treatment are ongoing as necessary. PQB also confirmed a site at Honolulu Harbor for a new species of ant, *Trichomyrmex sp. nr. mayeri*, which was referred to the PQB by the Hawai'i Ant Lab. Treatments are ongoing in the area.
- Coconut rhinoceros beetle – In FY 25, PQB conducted 159 surveys for Coconut Rhinoceros Beetle (CRB), *Oryctes rhinoceros*, on O'ahu resulting in 848 tree treatments. There have been multiple new detections on Maui and Hawai'i Island, and treatments are continuing at detection sites with a 3-mile treatment buffer established around Kona's initial detection site.
- Coqui Frogs- HDAB has been working with the invasive species councils (ISCs) on the control of coqui frogs on the islands of Maui, Oahu, and Kauai. Citric acid is being supplied to the ISCs through HDAB.
- Snake Handling Program - There is a high priority on preventing the introduction of any snake species into the State. To mitigate this risk, a Snake Handling Program is held annually and trains 5-8 staff at a time including live snake handling in Guam. Approximately 80% of Plant Quarantine staff statewide are trained. This program ensures that the PQB has the capacity to deploy staff statewide for any credible report of a snake. Through grant funding from the U.S. Department of Interior the program conducts inspections of aircraft and ships from Guam or other areas where the Brown Tree Snake is known to be established. These inspections are conducted utilizing trained detector dog teams.
- Permit Processing and Issuance - In FY 25, PQB issued 620 permits for the importation of restricted plants, non-domestic animals, microorganisms, and soil. 211 Letters of Authorization for the importation of Nonrestricted Microorganisms were issued. 329 Microbial Product Registrations were issued. 44 intrastate permits were issued.
- Investigations - Inspectors conduct inspections at ports of entry statewide to ensure that shipments of regulated commodities are compliant with statutes, administrative rules, permit conditions, and other regulations prior to entering the state. The department maintains a policy to warn violators in writing for first-time violations. This policy has seen great success with only a single repeat violator in FY 25. There were a total of 77 investigations, with the majority for the importation of regulated commodities without a valid permit prior to importation.

- To modernize the Plant and Animal Declaration Form, the Akamai Arrival Program was launched statewide through a pilot program with all major domestic carriers beginning March 1, 2025. The goal was to use technology to enhance the traveler experience by eliminating paper forms, while maintaining the ability for PQB inspectors to conduct inspections. PQB, with the assistance of the Office of the Lieutenant Governor, worked directly with all carriers, enabling them to be a part of the implementation process, including selecting the optimal routes that would participate and distribution/dissemination of the declaration. The program has been continually expanded since inception and now covers all domestic flights to Hawai'i.
- Rulemaking- HAR 4-72 was amended to make CRB restrictions implemented in Interim Rule 23-1 permanent, establish inspection and permit fees, and establish the authority to prohibit the movement of infested materials within the State. An interim rule was adopted to ban movement of plants, gravel, and CRB host materials from any island in the State to Moloka'i.
- Education and Outreach - The PQB put a strong emphasis on public education/outreach events to empower everyone to be the PQB's eyes and ears in their communities. Education and outreach events are varied and tailored to audiences as needed, however a major focus is on the general public and with stakeholders. In FY 2025, PBQ conducted 78 education/outreach events, with 37,742 interactions held at those events.
- Biocontrol – The Biocontrol Section's Insectary Unit receives, evaluates, and propagates beneficial organisms used for the biological control of agricultural and forest pests in Hawai'i. Biocontrol agents are undergoing thorough testing to control Coffee Berry Borer, Macadamia Feltid Coccid, Devil Weed, Christmas Berry and Nettle Caterpillar, all harmful to agriculture and forest pests.
- Apiary Program – A key function of the Apiary Program is the certification of queen breeders. Hawaii's queen breeders produce honeybee queens for export to the continental United States, Canada, and other foreign countries. Our queens are vital in ensuring pollination services for much of the world's food crops. Hawai'i's queen bees are projected to provide 40% of US mainland demand and 60% of Canadian demand. This year, the Apiary Program certified 7 queen breeders. A total of 19 certification inspections were conducted for domestic and international use. It is estimated that 500,000 queens are exported annually. Canada is our primary export market for queens; 79 certificates for nearly 250,000 queens were issued by the Apiary technician for two companies. There were no reports of failed inspections due to pests and/or diseases of the hive.
- Pesticide Disposal Program – In 2024 the Pesticides Branch sponsored the first commercial pesticide disposal program in 15 years. Canceled, suspended, unwanted,

and unused commercial pesticides were properly disposed of at 7 events held on Kauaʻi, Oʻahu, Molokaʻi, Lanaʻi, Maui, and Hawaiʻi island in Hilo and Kona. The contract collected and properly disposed of 39,846 lbs. of pesticides during the events. The disposal program will continue into 2025-2026 across all major islands.

- Pesticide Education/ Outreach – The program continues statewide safety education efforts including applicator training sessions, continuing education for certified applicators, outreach for industry associations, and support for grower meetings, UH-CTAHR trainings and community workshops. Outreach efforts focused on improving applicator competency, reducing incidents of misuse, and supporting safe pesticides use, storage and disposal practices.
- The Pesticides Branch provided technical guidance and regulatory support regarding the use of pesticides for chemical mitigation strategies for Hawaiʻi’s highest-risk pests such as Little Fire Ant, Coqui Frogs, Coconut Rhinoceros Beetle and emerging plant pathogens such as monstera rust.
- Animal and public health and environmental programs aimed at preventing the introduction of foreign, emerging, zoonotic and economically detrimental animal diseases and pests into the state continue to be important functions of the division. Examples such as Highly Pathogenic Avian Influenza virus (HPAI), African Swine Fever virus, and Asian longhorned tick are just a few examples of disease agents of high concern that are not in the state. The recent intrusion of New World screwworm in Mexico 70 miles south of the Texas border is a critical concern to the US including Hawaiʻi.
- The State’s disease-free status for animal diseases of high consequence in livestock and domestic animals to animal and public health continues. The State of Hawaii continues to maintain a “Bovine Tuberculosis Accredited Free State Status.” Hawaii is also recognized as free of bluetongue virus and anaplasmosis and surveillance programs for these diseases are ongoing to ensure that the free status is documented and maintained. Continuing voluntary disease control program activities include scrapie in sheep and goats and Johne’s disease in cattle. Stringent import requirements remain in place for birds entering Hawaii in an effort to reduce the risk of HPAI and West Nile virus introduction.
- Animal Information System (AIS)- To improve application convenience for customers of the Rabies Quarantine Program and in response to improve workflow efficiency, the program solicited, and awarded, a service contract to upgrade the existing AIS. An important component of this multiyear project is the upgrade of the Hawaii Pet Owner Portal or HIPOP. This upgrade will allow pet owners to submit applications and pay online, digitizing the current paper hard copy documents processes.

- Importation of Animals – Inspected and approved for entry into the state: 530 head of livestock; 6,932 poultry and other birds; 711,137-day-old chicks and hatching eggs; and 6,632 other animals. Over 19,300 dogs and cats were also received at the Airport Animal Quarantine Holding Facility at HNL. The branch staff conducted 102 compliance investigations, 10 citations were issued, 279 written warnings, and 53 animals and 70 post-office shipments were refused entry.
- Aquaculture - Estimated wholesale product value for the industry was \$65.2M for calendar 2023 according to Department statisticians, which represents a 22% decrease from 2022. The main reasons for the decline were: critical infrastructure failure at NELHA, severe decline in SPF Shrimp Broodstock shipments, and environmental and regulatory challenges affecting production capacity.
- The Aquaculture program continues to provide an internationally recognized Shrimp Surveillance and Certification Program to the growing shrimp broodstock industry. The Aquaculture Veterinarian provides third-party diagnostic sample collection with chain-of-custody documentation for all Hawaii broodstock operations including the Oceanic Institution/US Marine Shrimp Farming Program stocks based on Oahu. At present, there are four (4) shrimp broodstock export farms under the surveillance program and all are disease-free.
- Assisted farmers with import permits and export health documentation for aquatic species on O‘ahu, Kaua‘i, Maui, Moloka‘i, and Hawai‘i. The aquaculture veterinarian is continuing to provide chain-of-custody sampling for a voluntary screening of imported koi stocks while in quarantine before being transferred to grow-out systems destined for export. This effort is contributing to the now significant numbers of koi being exported to the mainland and the future expanding market into the EU. The Disease Prevention Program assists in cooperation with federal oversight in developing new aquaculture drugs for food fish species.

Federal Funds

Departmental programs actively pursue federal funds through applying for grants and entering into cooperative agreements. In order to leverage state funds, important federal partnerships with various US Department of Agriculture agencies such as the Animal and Plant Health Inspection Service, Rural Development program, Farm Service Agency, Natural Resource Conservation Service, Sustainable Agriculture Research and Education program, Agricultural Marketing Service, National Institute of Food and Agriculture, and the Department of Interior-Bureau of Reclamation, and US Food and Drug Administration will continue to be fostered. Although the Department has not lost any federal funds thus far, some of our federal partner agencies have indicated that they are expecting reductions that may affect future partnerships.

The amount of federal grant opportunities that the Department can apply for is also expected to decrease.

Non-General Funds

Reports on the Department's non-general funds pursuant to HRS 37-47 may be found here:

[AGR-2026-Non-General-Funds-POST.pdf](#)

Budget Requests

The Department budget process utilizes a bottom-up approach. Budget requests originate from the program level, with review by the director and appropriate staff to develop the final requests. The departmental prioritization reflects the scope and degree these requests impact the operational needs of the various programs seeking the additional resources needed to fulfill our mission.

The Department's supplemental budget request increases the FY 27 special fund ceiling by \$1,250,000 for computer system upgrades and the revolving fund ceiling by \$350,000 for office renovations in FY 27. No general fund increase is requested.

Capital improvements program budget requests total \$38,225, 000 in FY 27 and includes funds for various irrigation improvements statewide, and various projects to improve agricultural infrastructure including Wahiawa Dam Repairs and the development of the Kunia Agricultural Park.

Department of Agriculture and Biosecurity
Functions

Table 1

<u>Division</u>	<u>Description of Function</u>	<u>Activities</u>	<u>Prog ID(s)</u>	<u>Dept-Wide Priority</u>	<u>Statutory Reference</u>
Agricultural Loan Division	Financial Assistance For Agriculture	Loan analysis, processing, closing, servicing, collections, and accounting.	AGR101	11	Chapter 155, HRS
		Administer Agricultural Loan Program	AGR 101	10	Chapter 155, HRS
		Administer Aquaculture Loan Program	AGR 101	12	Chapter 219, HRS
		Administer Hawaii Water Infrastructure Program	AGR 101	55	Chapter 155, HRS
Plant Industry	Plant Quarantine Branch - Airport, Maritime and Nursery inspections	Protects Hawaii's agricultural industries and natural resources against the entry and spread of harmful insects, diseases, and other pests; and provides Hawaii's export industries with inspection services designed to facilitate the export and inter-island movement of certain plant materials. Provides nursery certification and laboratory testing for nematodes. Conducts inspection of ships entering the State. Ensures that Agricultural Declaration forms are checked and inspections are conducted in cargo and baggage claim areas for domestic, foreign, inter-island, and military flight arrivals.	AGR 122	16	HAR 4-70, 4-71, 4-72, 4-73; HRS 150A
Plant Industry	Plant Quarantine Branch - Inspection and Compliance	Issues permits; investigates noncompliance with State invasive species laws; uses dogs to provide surveillance at ports of entry for brown tree snake and other invasive species; identifies intercepted pests and determines dispositions; and educates public on invasive species issues.	AGR 122	18	HAR 4-70, 4-71, 4-72, 4-73; HRS 150A
Plant Industry	Plant Quarantine Branch - Brown Tree Snake Program	Salary reimbursement, meals, fringe benefits, overtime costs, night differential, and other operating expenses for Federally-funded Plant Quarantine Branch Brown Tree Snake inspection program duties due to the need to conduct inspections on a 24/7 basis.	AGR 122	22	HAR 4-70, 4-71, 4-72, 4-73; HRS 150A
Plant Industry	Plant Pest Control Branch - Biocontrol	Protects Hawaii's agricultural enterprises and natural resources by biological control of insect, weed, disease, and snail pests which are currently established or which may enter the State and cause economic losses. Conducts worldwide searches for natural enemies (beneficial organisms and microorganisms) of agricultural pests established in Hawaii. Receives, evaluates, propagates, and distributes beneficial organisms for use in the biological control of agricultural and forest pests in the State. Researches the establishment of the beneficial insects and plant pathogens in the State and their effect on agriculture. Conducts inspections and queen bee certifications for commercial bee keepers. Performs as the authoritative specialist and advisor in systematic (taxonomic) entomology involving insect identifications with special emphasis on insects of agricultural importance and their parasites and predators.	AGR 122	24	HAR 4-69A; HRS 141-3, 152

Department of Agriculture and Biosecurity
Functions

Table 1

Division	Description of Function	Activities	Prog ID(s)	Dept-Wide	Statutory Reference
				Priority	
Plant Industry	Plant Pest Control Branch - Chemical/Mechanical Control	Safeguards crop and range lands from the encroachment of noxious weeds and other pests through chemical and mechanical control and eradication of such pests. Protects the State against the introduction of noxious weeds and farmers and growers from sale of low-quality seeds.	AGR 122	25	HAR 4-67, 4-68, 4-69A; HRS 141-3, 150, 152
Plant Industry	Plant Pest Control Branch - USDA CAPS	Organizes, manages, initiates, conducts, and reports on surveys for plant pests to fulfill the requirements of the Federally-funded USDA Cooperative Agricultural Pest Survey (CAPS) Infrastructure agreement.	AGR 122	36	HAR 4-68, 4-69A; HRS 141-3, 152
Plant Industry	Plant Industry Division Administration	Manages the three Branches of the Plant industry Division and provides clerical and administrative support services to the Division.	AGR 122	38	HAR 4-66, 4-67, 4-68, 4-69A, 4-70, 4-71, 4-72, 4-73; HRS ; HRS 141-3, 149A, 150, 150A, 152
Plant Industry	Plant Quarantine Branch - Administration	Manages the Plant Quarantine Branch and provides clerical and administrative support services to the Branch.	AGR 122	39	HAR 4-70, 4-71, 4-72, 4-73; HRS 150A
Plant Industry	Plant Pest Control Branch - Administration	Manages the Plant Pest Control Branch and provides clerical and administrative support services to the Branch.	AGR 122	42	HAR 4-68, 4-69A; HRS 141-3, 150, 152
Plant Industry	Plant Pest Control Branch - USDA CAPS	Other operating expenses for Plant Pest Control Branch to conduct the Federally-funded USDA Cooperative Agricultural Pest Survey (CAPS) Infrastructure agreement.	AGR 122	44	HAR 4-68, 4-69A; HRS 141-3, 152
Animal Industry	Animal Quarantine Branch Management	Provides: administrative, budget, fiscal, operations, human resources and related legislative/legal oversight for branch. Ensures branch operations to protect animal and public health from rabies, alien pest and associated diseases through import regulation, quarantine and inspection.	AGR 131	21	Chapter 142, HRS
Animal Industry	Animal Quarantine Veterinary & Animal Health Services	Examines, diagnosis, treats and ensures the health of animals at the State's quarantine facility. Reviews health documents, ensures entry requirements are completed for release, issues permits, qualifies and generates and maintains health and related records in animal quarantine qualification system. Obtains lab samples; conducts simple laboratory tests.	AGR 131	29	Chapter 142, HRS
Animal Industry	Animal Quarantine Accounting & Clerical Services	Conducts data entry, collects fees, evaluates documents and manages digital and all written records, provides customer service and disseminates information. Generates, maintains and reconciles all financial accounts and reports, manages accounts receivable, area use agreements and billing	AGR 131	31	Chapter 142, HRS

Department of Agriculture and Biosecurity
Functions

Table 1

<u>Division</u>	<u>Description of Function</u>	<u>Activities</u>	<u>Prog ID(s)</u>	<u>Dept-Wide Priority</u>	<u>Statutory Reference</u>
Animal Industry	Animal Quarantine Animal Quarantine Operations	Oversees safety programs, schedules, manages the Animal Care, Building Maintenance and Ground Units for the branch. Ensures: quality care for animals under quarantine; movement of animals entering, transiting through, and releasing from quarantine; procures, stocks and disburses equipment, PPE and supplies.	AGR 131	32	Chapter 142, HRS
Animal Industry	Animal Quarantine Animal Care	Provides daily feeding and care for dogs and cats quarantined to prevent the entry of rabies into the State. Observes and monitors animals under quarantine for signs of rabies and other illnesses. Assit veterinary services with handling. Transports animals between department facilities, cargo facilities and private veterinary facilities.	AGR 131	34	Chapter 142, HRS
Animal Industry	Animal Quarantine Building Maintenance	Provides construction and maintenance services to the animal quarantine program and Animal Industry Division. Repairs, fabricates and builds structures and buildings on the division Halawa property and other locations.	AGR 131	46	
Animal Industry	Animal Quarantine Groundskeeping	Performs grounds keeping tasks such as mowing, weeding, clipping and trimming plants at the Animal Industry facility at Halawa; and removes debris and clears fence lines. Assists with security by monitoring the grounds during the course of daily activities.	AGR 131	48	
Animal Industry	Animal Quarantine Janitorial	Performs janitorial tasks including, cleaning, sweeping, mopping, vacuuming, sanitizing, disinfecting public, employee and office facilities in AQS building. Transports interoffice mail between branch and other division facilities.	AGR 131	57	
Animal Industry	Animal Disease Control Branch Secretary	Provides clerical, typing, procurement, dissemination of information and other administrative support services to the ADC branch staff	AGR 132	3	Chapter 142, HRS
Animal Industry	Administration	Provides division administrative, budget, fiscal, organization, human resources oversight and manging legislative/legal issues with AG consultation. Assures branches performing effectively via managers. Division Administartor serves as State Animal Health Official for national organization responsible for participsting, communicating and directing activities for animal disease and production issues.	AGR 132	17	Chapter 142, HRS Chapter 161, HRS
Animal Industry	Animal Disease Control Branch Management	Provides: administrative, budget, fiscal, operations and human resources oversight for branch. Ensures branch operations to investigate, control, eradicate, and prevent livestock, poultry, aquatic and other production animal diseases to promote the health and economic well-being of livestock industries in Hawaii.	AGR 132	19	Chapter 142, HRS Chapter 161, HRS

Department of Agriculture and Biosecurity
Functions

Table 1

<u>Division</u>	<u>Description of Function</u>	<u>Activities</u>	<u>Prog ID(s)</u>	<u>Dept-Wide</u>	<u>Statutory Reference</u>
				<u>Priority</u>	
Animal Industry	Administration Secretary	Provides clerical, typing, procurement, dissemination of information and other administrative support services to the division's staff.	AGR 132	30	Chapter 142, HRS Chapter 161, HRS
Animal Industry	Animal Disease Control Branch Disease Surveillance & Investigation Livestock and Aquatic Sections	Conducts field inspections of animals Provides advisory and health management services to the aquaculture and livestock industry and State agencies. Conducts examinations and collects samples for disease surveillance and to identify disease incursions that constitute a threat to the State's aquaculture and livestock and poultry industry. Investigates diseases and disorders and provide disease identification and pathology services to the aquaculture community for species that are currently cultured and/or under investigation for culture in Hawaii. Develops and implement plans to control aquatic and terrestrial animal disease outbreaks.	AGR 132	33	Chapter 142, HRS Chapter 161, HRS
Animal Industry	Animal Disease Control Branch Hawaii and Maui Districts	Responsible for Hawaii & Maui Districts: Conducts examinations, collects samples and performs field tests for disease surveillance and to identify disease incursions that constitute a threat to public health and the State's livestock and poultry industry. Develops and implements plans to control animal disease outbreaks. Provides disease control assistance to the livestock and poultry industries and various government agencies.	AGR 132	34	Chapter 142, HRS Chapter 161, HRS
Animal Industry	Veterinary Laboratory	Provides laboratory and diagnostic support services involving poultry, swine, dairy and other livestock and aquaculture for industries, practicing veterinarians, animal quarantine branch and other government agencies. Performs pathology, histopathology, bacteriology, parasitology, and serology. Lab Director serves as state representative to national American Association of Veterinary Laboratory Diagnosticians.	AGR 132	35	Chapter 142, HRS
Animal Industry	Animal Disease Control Branch Import Receiving and Compliance Section	Conducts physical inspection of animals entering the State for illness and pests through various airports and seaports, and reviews animal health documents travel documents and import permits to ensure compliance with importation laws and entry requirements. Assists the animal quarantine personnel with pet releases at the Honolulu International Airport. Investigates incidents of smuggled animals and animals suspected of exposure to disease, and detains animals requiring quarantine or are refused entry into the State.	AGR 132	37	Chapter 142, HRS Chapter 161, HRS

Department of Agriculture and Biosecurity
Functions

Table 1

Division	Description of Function	Activities	Prog ID(s)	Dept-Wide	Statutory Reference
				Priority	
Animal Industry	Animal Disease Control Branch Livestock Inspectors	Conducts field and import inspections of animals confined to quarantine and/or provisional quarantine and assists with testing and eradication of animal pests and disease. Collects laboratory samples. Investigates incidents of smuggled animals and animals suspected of exposure to disease, and detains animals requiring quarantine or are refused entry into the State. Assists the Animal Quarantine and other Division programs in detecting pests and diseases in imported and/or quarantined animals.	AGR 132	44	Chapter 142, HRS Chapter 161, HRS
Animal Industry	Animal Disease Control Branch Animal Care	Receives animal deliveries from airlines and provides daily feeding and care for all animals imported into the State through the Honolulu International Airport. Observes and monitors animals under quarantine for signs of rabies and other illnesses. Release imported animals to owners. Transports animals between department facilities, private veterinary facilities, airline cargo and other facilities.	AGR 132	45	Chapter 142, HRS
Animal Industry	Animal Disease Control Branch Hawaii District	Responsible for Hawaii District: Assist Hawaii District VMO with examinations, implementing disease control and prevention plans, collecting samples and performing field tests for disease surveillance and to identify disease incursions that constitute a threat to public health and the State's livestock and poultry industry.	AGR 132	47	Chapter 142, HRS Chapter 161, HRS
Animal Industry	Animal Disease Control Branch Maui District	Responsible for Maui District: Assist Maui District VMO with examinations, implementing disease control and prevention plans, collecting samples and performing field tests for disease surveillance and to identify disease incursions that constitute a threat to public health and the State's livestock and poultry industry.	AGR 132	49	Chapter 142, HRS Chapter 161, HRS
Animal Industry	Janitorial Services	Performs janitorial tasks including, cleaning, sweeping, mopping, vacuuming, sanitizing, disinfecting public, employee and office facilities in AI Administration building. Transports interoffice mail between branch and other division facilities.	AGR 132	56	
Agricultural Resource Management	ARMD Administration	Provides administrative oversight, budget and fiscal planning, and human resource services to the division.	AGR 141	3	Act 306/SLH 1987
Agricultural Resource Management	Agricultural Infrastructure Branch	Provides management and distribution of irrigation water, and engineering/capital improvement project oversight for all division's CIP.	AGR 141	5	Act 306/SLH 1989
Agricultural Resource Management	Agricultural Lands Branch	Provides agricultural lands disposition and management for Ag Parks, Non-Ag Parks, and Facilities programs.	AGR 141	7	Act 222& 90/SLH 1986 & 2003

Department of Agriculture and Biosecurity
Functions

Table 1

<u>Division</u>	<u>Description of Function</u>	<u>Activities</u>	<u>Prog ID(s)</u>	<u>Dept-Wide Priority</u>	<u>Statutory Reference</u>
Quality Assurance Division	Quality and Price Assurance- Commodities	Provides fee-for-service certification activities for quality and condition of agricultural commodities, auditing and certifying applicants are following good agricultural practices/good handling practices, maintain food security and product traceability performed by temporary inspectors at the request of the users of the service. Activities include the inspection and certification of coffee, identity and purity of seed, agricultural commodities such as non-GMO papaya, traceability and food safety.	AGR 151	51	(Chapter 147-101, HRS)
Quality Assurance Division	Quality and Price Assurance- Seafood/Meat Inspection	Conducts inspections upon request per agreement with USDA Agricultural Marketing Service, and, U.S. Department of Commerce Seafood Inspection Program.	AGR 151	54	(Chapter 29-14, HRS)
Quality Assurance Division	Quality and Price Assurance- Administration	Plans, directs, coordinates and manages the services and activities of the statewide Commodities Branch. The function of the Commodities Branch is to improve the market quality of agricultural commodities and promote fair trade and honesty in the marketing of farm products. The branch provides certification for fee services, enforces laws pertaining to quality and condition of agricultural commodities, issues licenses for dealers in farm produce, conducts food safety audits and administers the Milk Control program. Commodities under the jurisdiction of the branch include fresh and processed fruits and vegetables, macadamia nuts and coffee, shell eggs, animal feeds, honey, seafood products, and milk.	AGR 151	50	(Chapter 145, Chapter 147, HRS)
Quality Assurance Division	Quality and Price Assurance- Milk Control	Regulates milk industry in Oahu and Hawaii; establish minimum price to producers; establish and manage production quotas; determine monthly payroll; evaluate milk disposition and usage and tabulate monthly retail prices of milk. Funds are used to cover salary and expenses related to administration and operation of the Milk Control program.	AGR 151	58	(Chapter 157-29, HRS)
Animal Industry	Aquaculture Development Program/ Aquaculture & Livestock Support Services	Develops sustainable and profitable commercial aquaculture and livestock industries, provides statewide planning and coordination of aquaculture development activities, encourage diversity of products, improve management practices and technologies, assist with procurement of production related infrastructure and resources, and provide direct assistance with regulations, disease prevention, marketing and new business development.	AGR 153	27	141-2.5 HRS establishes ADP
Agricultural Development	Administration	Promotes the economic viability of Hawaii's agriculture by providing relevant statistics and expanding marketing opportunities	AGR 171	14	141-1

Department of Agriculture and Biosecurity
Functions

Table 1

<u>Division</u>	<u>Description of Function</u>	<u>Activities</u>	<u>Prog ID(s)</u>	<u>Dept-Wide</u>	<u>Statutory Reference</u>
				<u>Priority</u>	
Agricultural Development	Market Development	Facilitate the economic development of the agriculture industry by creating, coordinating, managing and executing activities, in collaboration with non-profits, public and private entities in support of agricultural commodity groups and associations. Seeks, applies for and administers federal grants to support farmers, ranchers and producers in Hawaii. Manages the state branding programs - the Seal of Quality Program and the Made in Hawaii with Aloha logo and the call-to-action Buy Local, It Matters campaign. Is the Hawaii representative to the Western United States Agricultural Trade Association that funds marketing of Hawaii agricultural products in international markets. Conducts HDOA outreach statewide offering assistance to farmers, ranchers and producers.	AGR 171	15	141-1
Agricultural Development	Agricultural Statistics	Collects and compiles agricultural data in Hawaii and converting them into accurate and useful statistics	AGR 171	52	141-1
Agricultural Development	Market Analysis & News	Conducts market, economic, and business analyses of new and current agricultural issues in Hawaii	AGR 171	53	141-1
General Admin for Agriculture	General Administration- Chairperson's Office	Provide leadership; plan, coordinate, and manage activities of the Department	AGR 192	1	
General Admin for Agriculture	General Administration- Administrative Services Office	Provide fiscal, human resources, IT, budget and property management support activities for the department.	AGR 192	2	
Quality Assurance Division	Measurement Standards	Provides inspection, licensing, calibrating, certification, and investigating services to assure accuracy of measurement, packaging, labeling and pricing of commercial goods to prevent unfair practices. The Branch is responsible for certifying that all scales, petroleum pumps, taximeters, other measuring devices used in retail transactions are accurate and properly registered for use in the state, and the inspection of packaging and labeling is in conformance to specifications, tolerances, quality and quantity content.	AGR 812	59	(Chapter 486, HRS)
Quality Assurance Division	Measurement Standards	Plans, directs, coordinates and manages the services and activities of the statewide Measurement Standards Branch. Provides services to minimize inaccuracy or fraudulent practices in commercial measurement, labeling and pricing to reduce losses for sellers and consumers through a program of licensing, inspecting, calibrating, and investigating complaints.	AGR 812	60	(Act 73, SLH 2010; Chapter 141, HRS)

Department of Agriculture and Biosecurity
Department-Wide Totals

Table 2

Fiscal Year 2026					
Budget Acts Appropriation	Reductions	Additions		Total FY26	MOF
\$ 42,824,495.00	\$ (6,873,052.00)	\$ 478,175.00		\$ 36,429,618.00	A
\$ 12,060,078.00		\$ 120,456.00		\$ 12,180,534.00	B
\$ 2,151,568.00				\$ 2,151,568.00	N
\$ 6,565,359.00				\$ 6,565,359.00	P
\$ 812,962.00				\$ 812,962.00	T
\$ 212,095.00				\$ 212,095.00	U
\$ 11,082,369.00				\$ 11,082,369.00	W
\$ 75,708,926.00	\$ (6,873,052.00)	\$ 598,631.00	\$ -	\$ 69,434,505.00	Total

Department of Agriculture and Biosecurity
Program ID Totals

Table 3

Prog ID	Program Title	MOF	As budgeted (FY26)			As budgeted (FY27)			Governor's Submittal (FY26)				Governor's Submittal (FY27)			
			Pos (P)	Pos (T)	\$\$\$	Pos (P)	Pos (T)	\$\$\$	Pos (P)	Pos (T)	\$\$\$	Percent Change of \$	Pos (P)	Pos (T)	\$\$\$	Percent Change of \$
AGR 101	Financial Assistance	A	9.00	-	\$ 874,338	9.00	-	\$ 874,338	9.00	-	\$ 874,338	0%	9.00	-	\$ 874,338	0%
	for Agriculture	W			\$ 5,500,000			\$ 5,500,000			\$ 5,500,000	0%			\$ 5,500,000	0%
AGR 122	Plant Pest and	A	143.00		\$ 21,335,989	143.00		\$ 21,335,989	143.00	-	\$ 21,335,989	0%	143.00	-	\$ 21,335,989	0%
	Disease Control	B			\$ 4,130,800			\$ 4,130,800			\$ 4,130,800	0%			\$ 4,130,800	0%
		P			\$ 365,946			\$ 365,946			\$ 365,946	0%			\$ 465,946	27%
		T			\$ 512,962			\$ 512,962			\$ 512,962	0%			\$ 512,962	0%
		U			\$ 212,095			\$ 212,095			\$ 212,095	0%			\$ -	-100%
		W			\$ 50,360			\$ 50,360			\$ 50,360	0%			\$ -	-100%
AGR 131	Rabies Quarantine	B	32.32		\$ 4,781,110	32.32		\$ 4,781,110	32.32		\$ 4,781,110	0%	32.32		\$ 6,031,110	26%
AGR 132	Animal Disease	A	25.68		\$ 3,421,755	25.68		\$ 3,352,755	25.68		\$ 3,421,755	0%	25.68		\$ 3,352,755	0%
	Control	B			\$ 47,802			\$ 47,802			\$ 47,802	0%			\$ 47,802	0%
		P		1.00	\$ 306,941		1.00	\$ 306,941		1.00	\$ 306,941	0%		1.00	\$ 306,941	0%
AGR 141	Agricultural Resource	A	26.50		\$ 4,221,136	19.00		\$ 1,798,532	26.50		\$ 4,221,136	0%	19.00		\$ 1,798,532	0%
	Management	B	13.50		\$ 2,851,320	13.50		\$ 2,851,320	13.50		\$ 2,851,320	0%	13.50		\$ 2,851,320	0%
		W			\$ 2,747,123	7.50		\$ 1,375,787			\$ 2,747,123	0%	7.50		\$ 1,375,787	0%
AGR 151	Quality and Price	A	23.50		\$ 1,826,443	23.50		\$ 1,826,443	23.50		\$ 1,826,443	0%	23.50		\$ 1,826,443	0%
	Assurance	B			\$ 109,046			\$ 109,046			\$ 109,046	0%			\$ 109,046	0%
		N			\$ 100,000			\$ 100,000			\$ 100,000	0%			\$ 100,000	0%
		P			\$ 138,624			\$ 138,624			\$ 138,624	0%			\$ 138,624	0%
		T			\$ 300,000			\$ 300,000			\$ 300,000	0%			\$ 300,000	0%
		W			\$ 186,848			\$ 127,848			\$ 186,848	0%			\$ 127,848	0%
AGR 153	Aquaculture	A	7.00		\$ 978,519	7.00		\$ 978,519	7.00		\$ 978,519	0%	7.00		\$ 978,519	0%
	Development	B			\$ 125,000			\$ 125,000			\$ 125,000	0%			\$ 125,000	0%
AGR 171	Agricultural	A	11.00		\$ 1,109,694	11.00		\$ 1,067,694	11.00		\$ 1,109,694	0%	11.00		\$ 1,067,694	0%
	Development	B			\$ 15,000			\$ 15,000			\$ 15,000	0%			\$ 15,000	0%
		N	0.75		\$ 2,051,568	0.75		\$ 2,051,568	0.75		\$ 2,051,568	0%	0.75		\$ 2,051,568	0%
		P	1.25		\$ 5,289,219	1.25		\$ 5,289,219	1.25		\$ 5,289,219	0%	1.25		\$ 5,289,219	0%
AGR 192	General Admin	A	33.00		\$ 5,580,886	32.00		\$ 5,556,126	33.00		\$ 5,580,886	0%	32.00		\$ 5,556,126	0%
	for Agriculture	P	-		\$ -	1.00		\$ 164,450	-	-	\$ -	0%	1.00		\$ 164,450	0%
AGR 812	Measurement Standards	A	10.00		\$ 746,480	10.00		\$ 746,480	10.00		\$ 746,480	0%	10.00		\$ 746,480	0%
AGR 846	Pesticides	A	37.00	2.00	\$ 2,729,255	37.00	2.00	\$ 2,729,255	37.00	2.00	\$ 2,729,255	0%	37.00	2.00	\$ 2,729,255	0%
		P	2.00	1.00	\$ 464,629	2.00	1.00	\$ 464,629	2.00	1.00	\$ 464,629	0%	2.00	1.00	\$ 464,629	0%
		W			\$ 2,598,038			\$ 2,364,038			\$ 2,598,038	0%			\$ 2,714,038	15%

Department of Agriculture and Biosecurity
Budget Decisions

Table 4

Prog ID	Sub-Org	Type of Reg.	Description of Request	MOF	Priority #	Initial Department Requests						Budget and Finance Recommendations						Governor's Decision					
						FY26			FY27			FY26			FY27			FY26			FY27		
						Pos (P)	Pos (T)	\$\$\$	Pos (P)	Pos (T)	\$\$\$	Pos (P)	Pos (T)	\$\$\$	Pos (P)	Pos (T)	\$\$\$	Pos (P)	Pos (T)	\$\$\$	Pos (P)	Pos (T)	\$\$\$
AGR 122	EB	NG	Delete revolving fund ceiling for Permit Revolving Fund and Microorganism Import Certification Revolving fund	W	8						\$ (50,360)						\$ (50,360)						\$ (50,360)
AGR 122	EB	NG	Delete Interdepartmental transfer fund Ceiling	U	9						\$ (212,095)						\$ (212,095)						\$ (212,095)
AGR 122	EB	FA	Increase Ceiling for Brown Tree Snake Grant	P	10						\$ 100,000						\$ 100,000						\$ 100,000
AGR 131	DB	NG	Increase Animal Quarantine Special Fund ceiling for computer system upgrades	B	3						\$ 1,250,000						\$ 1,250,000						\$ 1,250,000
AGR 132	DC	HC	Full year funding for Meat Inspection program personnel	A	4						\$ 94,406						\$ -						\$ -
AGR 132	DD	HC	Two Microbiologist positions for aquaculture exports, disease surveillance and disease investigations	A	5				2.00		\$ 71,784				0.00		\$ -				0.00		\$ -
AGR 141	HA	HC	Transfer Irrigation program personnel from revolving to general funds	A	2				7.50		\$ 422,604				0.00		\$ -				0.00		\$ -
AGR 141	HA	HC	Transfer Irrigation program personnel from revolving to general funds; transfer ceiling to other current expenses, equipment and motor vehicles	W	2				(7.50)		\$ -				0.00		\$ -				0.00		\$ -
AGR 192	AA	HC	Change MOF for Program Specialist position (Grant Writer) from other federal to general funds	A	1				1.00		\$ 100,000				0.00		\$ -				0.00		\$ -
AGR 192	AA	HC	Delete other federal funds for Program Specialist position	P	1				(1.00)		\$ 164,450				0.00		\$ -				0.00		\$ -
AGR 846	EE	NG	Increase revolving fund ceiling for office renovations	W	6						\$ 350,000						\$ 350,000						\$ 350,000
AGR 846	EE	HC	Change two Environmental Health Specialist positions from temporary to permanent	A	7				2.00	(2.00)	\$ -				0.00	0.00	\$ -				0.00	0.00	\$ -

Department of Agriculture and Biosecurity
Proposed Budget Reductions

Table 5

<u>Prog ID</u>	<u>Sub-Org</u>	<u>Description of Reduction</u>	<u>Impact of Reduction</u>	<u>MOF</u>	<u>FY26</u>			<u>FY27</u>			<u>FY26 Restriction (Y/N)</u>
					<u>Pos (P)</u>	<u>Pos (T)</u>	<u>\$\$\$\$</u>	<u>Pos (P)</u>	<u>Pos (T)</u>	<u>\$\$\$\$</u>	
AGR 122	EB	Delete revolving fund ceiling for permit revolving fund and import certification revolving fund	None, funds were repealed	W						\$ (50,360)	N
AGR 122	EB	Delete interdepartmental transfer fund ceiling	None, ceiling has not been utilized for many years	U						\$ (212,095)	N

Department of Agriculture and Biosecurity
Proposed Budget Additions

Table 6

								FY26			FY27		
<u>Prog ID</u>	<u>Sub-Org</u>	<u>Addition Type</u>	<u>Prog ID Priority</u>	<u>Dept-Wide Priority</u>	<u>Description of Addition</u>	<u>Justification</u>	<u>MOF</u>	<u>Pos (P)</u>	<u>Pos (T)</u>	<u>\$\$\$</u>	<u>Pos (P)</u>	<u>Pos (T)</u>	<u>\$\$\$</u>
AGR 131	DB	NG	1	1	Increase Animal Quarantine special fund ceiling for computer system upgrade	Ceiling increase is needed to solicit services to provide a digital import, movement and permitting process for multiple species. The system is used to approve, track and compile imports to state and interisland transport. This will allow owners to submit movement documents and receive approved certificates electronically. System will also give carriers and importers a means to submit import declaration documents electronically.	B						\$1,250,000
AGR 846	EE	NG	1	2	Increase Pesticides Use Revolving Fund ceiling for office renovations	The Pesticides Branch received several new positions in Act 250, SLH 2025. The Branch will renovate their current space to accommodate the additional staff. Renovations include planning of new interior design, demolishing of inefficient structures, carpeting, repainting peeling walls, and removal of all debris and broken or unused furnishings.	W						\$350,000

Department of Agriculture and Biosecurity
Proposed Budget Additions

Table 6

<u>Prog ID</u>	<u>Sub-Org</u>	<u>Addition Type</u>	<u>Prog ID Priority</u>	<u>Dept- Wide Priority</u>	<u>Description of Addition</u>	<u>Justification</u>	<u>MOF</u>	<u>Pos (P)</u>	<u>Pos (T)</u>	<u>\$\$\$</u>	<u>Pos (P)</u>	<u>Pos (T)</u>	<u>\$\$\$</u>
AGR 122	EB	FF	1	3	Increase federal fund ceiling for Federal Grant	Continuing the Hawaii Brown Treesnake (BTS) Interdiction, Detector Dog and Rapid Response Project is critical for providing a comprehensive and coordinated effort to prevent the introduction of BTS into the State of Hawaii. Program is funded by a grant from the United States Department of Interior, Office of Insular Affairs.	P						\$100,000

Department of Agriculture and Biosecurity
FY 2025 - FY 2027 Restrictions

Table 7

<u>Fiscal</u> Year	<u>Prog ID</u>	<u>Sub-Org</u>	<u>MOF</u>	<u>Budgeted by</u> Dept	<u>Restriction</u>	<u>Difference</u> <u>Between</u> <u>Budgeted &</u> <u>Restricted</u>	<u>Percent Difference</u>	<u>Impact</u>
FY 25	AGR 101	GA	A	\$ 864,438	\$ 69,501	\$ 794,937	8.0%	Delay filling vacant positions
FY 25	AGR 122	EA	A	\$ 498,478	\$ 40,078	\$ 458,400	8.0%	Delay filling vacant positions
FY 25	AGR 122	EB	A	\$ 6,870,913	\$ 313,807	\$ 6,557,106	4.6%	Delay filling vacant positions
FY 25	AGR 122	EC	A	\$ 1,063,542	\$ 85,509	\$ 978,033	8.0%	Delay filling vacant positions
FY 25	AGR 122	ED	A	\$ 781,126	\$ 62,803	\$ 718,323	8.0%	Delay filling vacant positions
FY 25	AGR 132	DA	A	\$ 211,499	\$ 17,000	\$ 194,499	8.0%	Delay filling vacant positions
FY 25	AGR 132	DC	A	\$ 2,647,085	\$ 132,426	\$ 2,514,659	5.0%	Delay filling vacant positions
FY 25	AGR 132	DD	A	\$ 477,821	\$ 38,416	\$ 439,405	8.0%	Delay filling vacant positions
FY 25	AGR 141	HA	A	\$ 1,793,732	\$ 144,216	\$ 1,649,516	8.0%	Delay filling vacant positions
FY 25	AGR 151	BB	A	\$ 1,612,870	\$ 129,675	\$ 1,483,195	8.0%	Delay filling vacant positions
FY 25	AGR 151	BG	A	\$ 222,089	\$ 17,856	\$ 204,233	8.0%	Delay filling vacant positions
FY 25	AGR 153	CD	A	\$ 977,419	\$ 78,584	\$ 898,835	8.0%	Delay filling vacant positions
FY 25	AGR 171	BA	A	\$ 205,706	\$ 16,538	\$ 189,168	8.0%	Delay filling vacant positions
FY 25	AGR 171	BC	A	\$ 141,023	\$ 11,338	\$ 129,685	8.0%	Delay filling vacant positions
FY 25	AGR 171	BD	A	\$ 222,092	\$ 19,987	\$ 202,105	9.0%	Delay filling vacant positions
FY 25	AGR 171	BE	A	\$ 463,973	\$ 37,303	\$ 426,670	8.0%	Delay filling vacant positions
FY 25	AGR 192	AA	A	\$ 5,445,713	\$ 316,647	\$ 5,129,066	5.8%	Delay filling vacant positions; reduce operating expenses
FY 25	AGR 812	CA	A	\$ 769,980	\$ 61,906	\$ 708,074	8.0%	Delay filling vacant positions
FY 25	AGR 846	EE	A	\$ 1,924,163	\$ 44,230	\$ 1,879,933	2.3%	Delay filling vacant positions
FY 26	AGR 101	GA	A	\$ 874,338	\$ 79,267	\$ 795,071	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 122	EA	A	\$ 1,423,478	\$ 129,052	\$ 1,294,426	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 122	EB	A	\$ 14,479,319	\$ 1,312,693	\$ 13,166,626	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 122	EC	A	\$ 4,386,434	\$ 397,671	\$ 3,988,763	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 122	ED	A	\$ 1,046,758	\$ 94,898	\$ 951,860	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 132	DA	A	\$ 212,649	\$ 19,279	\$ 193,370	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 132	DC	A	\$ 2,730,085	\$ 247,508	\$ 2,482,577	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 132	DD	A	\$ 479,021	\$ 43,428	\$ 435,593	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 141	HA	A	\$ 4,221,136	\$ 382,686	\$ 3,838,450	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 151	BB	A	\$ 1,604,054	\$ 145,423	\$ 1,458,631	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 151	BG	A	\$ 222,389	\$ 20,162	\$ 202,227	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 153	CD	A	\$ 978,519	\$ 88,712	\$ 889,807	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 171	BA	A	\$ 248,706	\$ 22,548	\$ 226,158	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 171	BC	A	\$ 141,423	\$ 12,821	\$ 128,602	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 171	BD	A	\$ 248,592	\$ 22,537	\$ 226,055	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 171	BE	A	\$ 470,973	\$ 42,698	\$ 428,275	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 192	AA	A	\$ 5,580,886	\$ 505,960	\$ 5,074,926	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 812	CA	A	\$ 746,480	\$ 67,675	\$ 678,805	9.1%	Delay filling vacant positions; reduce operating expenses
FY 26	AGR 846	EE	A	\$ 2,729,255	\$ 247,433	\$ 2,481,822	9.1%	Delay filling vacant positions; reduce operating expenses

Department of Agriculture and Biosecurity
Emergency Appropriation Requests

Table 8

<u>Prog ID</u>	<u>Description of Request</u>	<u>Explanation of Request</u>	<u>MOF</u>	<u>Pos (P)</u>	<u>Pos (T)</u>	<u>\$\$\$</u>
	NONE					

Department of Agriculture and Biosecurity
Expenditures Exceeding Appropriation Ceilings in FY26 and FY27

Table 9

<u>Prog ID</u>	<u>MOF</u>	<u>Date</u>	<u>Appropriation</u>	<u>Amount Exceeding Appropriation</u>	<u>Percent Exceeded</u>	<u>Reason for Exceeding Ceiling</u>	<u>Legal Authority</u>	<u>Recurring (Y/N)</u>	<u>GF Impact (Y/N)</u>
NONE									

Department of Agriculture and Biosecurity
Interdepartmental Transfers in FY26 and FY27

Table 10

<u>Actual or Anticipated Date of Transfer</u>	<u>MOF</u>	<u>Pos (P)</u>	<u>Pos (T)</u>	<u>\$\$\$</u>	<u>From Prog ID</u>	<u>Percent of Program ID Appropriation Transferred From</u>	<u>To Prog ID</u>	<u>Percent of Receiving Program ID Appropriation</u>	<u>Reason for Transfer</u>	<u>Recurring (Y/N)</u>
NONE										

Department of Agriculture and Biosecurity
Vacancy Report as of November 30, 2025

Table 11

Prog ID	Sub-Org	Date of Vacancy	Expected Fill Date	Position Number	Position Title	Exempt (Y/N)	SR Level	BU Code	Perm Temp (P/T)	FTE	MOF	Budgeted Amount	Actual Salary Last Paid	Authority to Hire (Y/N)	Occupied by 89-Day Hire (Y/N)	# of 89 Hire Appts	Describe if Filled by other Means	Priority # to Retain
AGR 101	GA	5/1/2020		5615	AGRICULTURAL LOAN OFFICER V (Hawaii Dist.)	N	SR24	13	P	1.00	A	\$60,304	\$83,340	Y	N	N/A	N/A	91
AGR 101	GA	11/11/2021		23701	AGRICULTURAL LOAN OFFICER VI	N	SR26	13	P	1.00	A	\$74,898	\$64,620	Y	Y	1	N/A	17
AGR 101	GA	10/18/2025		19303	AGRICULTURAL LOAN ADMINISTRATOR	N	EM07	35	P	1.00	A	\$130,252	\$149,040	Y	N	N/A	N/A	3
AGR 122	EB	7/1/2021		2851	BIOSECURITY INSPECTOR V (Airport Supervisor)	N	SR24	23	P	1.00	A	\$89,820	\$91,968	Y	N	N/A	Temp. Assign.	13
AGR 122	EB	11/18/2025		12569	BIOSECURITY INSPECTOR V (Hawaii District Manager)	N	SR24	13	P	1.00	A	\$89,820	N/A	Y	N	N/A	Temp. Assign.	33
AGR 122	EB	2/3/2024		43157	BIOSECURITY INSPECTOR V (Land Vertebrate)	N	SR24	13	P	1.00	A	\$89,820	\$80,184	Y	N	N/A	Temp. Assign.	6
AGR 122	EB	7/1/2021		2855	BIOSECURITY INSPECTOR V (PIO Supervisor)	N	SR24	23	P	1.00	A	\$109,308	\$91,968	Y	N	N/A	Temp. Assign.	20
AGR 122	EB	12/31/2021		43154	BIOSECURITY INSPECTOR V (Plant Specialist)	N	SR24	13	P	1.00	A	\$105,108	\$88,464	Y	N	N/A	Temp. Assign.	14
AGR 122	ED	8/6/2025		43155	BIOSECURITY INSPECTOR V (Insect Specialist)	N	SR13	13	P	1.00	A	\$89,820	\$84,828	Y	N	N/A	Temp. Assign.	22
AGR 122	EB	12/1/2020		12327	BIOSECURITY INSPECTOR IV (Maritime MJ)	N	SR20	13	P	1.00	A	\$47,196	\$47,196	Y	N	N/A	Temp. Assign.	7
AGR 122	EB	8/21/2021		2848	BIOSECURITY INSPECTOR IV (PIO MJ)	N	SR22	13	P	1.00	A	\$71,016	\$62,136	Y	N	N/A	Temp. Assign.	35
AGR 122	EB	3/3/2025	12/1/2025	125703	BIOSECURITY INSPECTOR III (Oahu)	N	SR20	13	P	1.00	A	\$101,064	N/A	Y	Y	1	N/A	56
AGR 122	EB	3/4/2025		125704	BIOSECURITY INSPECTOR III (Oahu)	N	SR20	13	P	1.00	A	\$101,064	N/A	Y	Y	1	N/A	68
AGR 122	EB	3/28/2025		125732	BIOSECURITY INSPECTOR III (Maui)	N	SR20	13	P	1.00	A	\$69,096	N/A	Y	N	N/A	N/A	95
AGR 122	EB	9/3/2024		120739	BIOSECURITY INSPECTOR III (Maui)	N	SR20	13	P	1.00	A	\$60,660	\$60,660	Y	N	N/A	N/A	54
AGR 122	EB	3/4/2025		125705	BIOSECURITY INSPECTOR III (Oahu)	N	SR20	13	P	1.00	A	\$101,064	N/A	Y	N	N/A	N/A	79
AGR 122	EB	3/4/2025	12/16/2025	125706	BIOSECURITY INSPECTOR III (Oahu)	N	SR20	13	P	1.00	A	\$101,064	N/A	Y	N	N/A	N/A	57
AGR 122	EB	3/4/2025		125707	BIOSECURITY INSPECTOR III (Oahu)	N	SR20	13	P	1.00	A	\$89,820	N/A	Y	N	N/A	N/A	81
AGR 122	EB	7/1/2024		10460	BIOSECURITY INSPECTOR III (Oahu)	N	SR20	13	P	1.00	A	\$83,064	\$80,184	Y	Y	1	N/A	49
AGR 122	EB	3/17/2025		21829	BIOSECURITY INSPECTOR III (Oahu)	N	SR20	13	P	1.00	A	\$63,096	\$63,096	Y	Y	1	N/A	92
AGR 122	EB	9/8/2025		10818	BIOSECURITY INSPECTOR III (Oahu)	N	SR20	13	P	1.00	A	\$75,588	\$61,944	Y	Y	1	N/A	94
AGR 122	EB	9/13/2025		2850	BIOSECURITY INSPECTOR III (Oahu)	N	SR20	13	P	1.00	A	\$52,956	\$61,944	Y	Y	1	N/A	99
AGR 122	EB	7/1/2025		12115	BIOSECURITY INSPECTOR III (Oahu)	N	SR20	13	P	1.00	A	\$52,956	\$60,660	Y	Y	1	N/A	108
AGR 122	EC	3/18/2024		8291	ENTOMOLOGIST V	N	SR24	13	P	1.00	A	\$76,788	\$67,200	Y	N	N/A	N/A	23
AGR 122	ED	7/3/2021		121920	PEST CONTROL TECHNICIAN III (Hilo)	N	SR11	3	P	1.00	A	\$71,016	\$32,460	Y	N	N/A	N/A	69

Department of Agriculture and Biosecurity
Vacancy Report as of November 30, 2025

Table 11

Prog ID	Sub-Org	Date of Vacancy	Expected Fill Date	Position Number	Position Title	Exempt (Y/N)	SR Level	BU Code	Perm Temp (P/T)	FTE	MOE	Budgeted Amount	Actual Salary Last Paid	Authority to Hire (Y/N)	Occupied by 89-Day Hire (Y/N)	# of 89 Hire Appts	Describe if Filled by other Means	Priority # to Retain
AGR 122	ED	11/16/2022		121919	PEST CONTROL TECHNICIAN III (KAUAI PPC)	N	SR11	3	P	1.00	A	\$71,016	\$51,876	Y	N	N/A	N/A	25
AGR 122	EC	9/1/2022		121287	PEST CONTROL TECHNICIAN IV	N	SR11	3	P	1.00	A	\$41,808	\$36,564	Y	Y	1	N/A	48
AGR 122	EC	8/11/2025		121286	PEST CONTROL TECHNICIAN IV	N	SR13	3	P	1.00	A	\$41,808	\$46,800	Y	N	N/A	N/A	78
AGR 122	EB	3/12/2020		118144	BIOSECURITY INSPECTOR III (Hilo)	N	SR20	13	P	1.00	A	\$59,616	\$42,756	Y	N	N/A	N/A	60
AGR 122	ED	7/1/2018		24822	NOXIOUS WEED SPECIALIST IV	N	SR22	13	P	1.00	A	\$71,016	\$73,776	Y	Y	1	N/A	24
AGR 122	ED	9/16/2025		11998	NOXIOUS WEED SPECIALIST IV (Hilo)	N	SR22	13	P	1.00	A	\$79,872	\$75,396	Y	N	N/A	N/A	53
AGR 122	EB	3/28/2025		125734	BIOSECURITY INSPECTOR III (Hilo)	N	SR20	13	P	1.00	A	\$69,096	N/A	Y	Y	1	N/A	76
AGR 122	EB	3/28/2025		125735	BIOSECURITY INSPECTOR III (Hilo)	N	SR20	13	P	1.00	A	\$69,096	N/A	Y	N	N/A	N/A	80
AGR 122	EB	3/28/2025		125736	BIOSECURITY INSPECTOR III (Hilo)	N	SR20	13	P	1.00	A	\$69,096	N/A	Y	N	N/A	N/A	82
AGR 122	EB	3/28/2025		125737	BIOSECURITY INSPECTOR III (Hilo)	N	SR20	13	P	1.00	A	\$79,872	N/A	Y	N	N/A	N/A	39
AGR 122	EB	3/28/2025		125733	BIOSECURITY INSPECTOR III (Kona)	N	SR20	13	P	1.00	A	\$69,096	N/A	Y	N	N/A	N/A	26
AGR 122	EB	12/1/2023		47977	BIOSECURITY INSPECTOR III (Kona)	N	SR20	13	P	1.00	A	\$68,280	\$48,948	Y	N	N/A	N/A	62
AGR 122	EC	8/27/2025		26320	ENTOMOLOGIST IV	N	SR22	13	P	1.00	A	\$89,820	\$91,728	Y	N	N/A	N/A	27
AGR 122	EC	4/11/2025		125745	INVASIVE ANT SPECIALIST	Y	SRNA	13	T	1.00	A	\$101,064	N/A	Y	N	N/A	N/A	8
AGR 122	EC	4/11/2025		125744	PLANT PEST DIAGNOSTIC SPECIALIST	Y	SRNA	13	T	1.00	A	\$101,064	N/A	Y	N	N/A	N/A	47
AGR 122	EB	7/1/2024		118169	PEST CONTROL TECHNICIAN III (Hilo PQ)	N	SR11	3	P	1.00	A	\$54,984	\$52,368	Y	Y	1	N/A	70
AGR 122	EB	12/31/2024		118180	PEST CONTROL TECHNICIAN III (Oahu PQ)	N	SR11	3	P	1.00	A	\$68,280	\$57,192	Y	N	N/A	N/A	84
AGR 122	EB			90001A	ENTOMOLOGIST III (PQ)	N	SR20	13	P	1.00	A	\$58,296	N/A	Y	N	N/A	N/A	93
AGR 122	EB			90003A	BOTANIST III (PQ)	N	SR20	13	P	1.00	A	\$63,096	N/A	Y	N	N/A	N/A	28
AGR 122	EB			95017A	BIOSECURITY INSPECTOR	N			P	1.00	A	\$79,872	N/A	Y	N	N/A	N/A	103
AGR 122	EB			95018A	BIOSECURITY INSPECTOR	N			P	1.00	A	\$79,872	N/A	Y	N	N/A	N/A	104
AGR 122	EB			95019A	BIOSECURITY INSPECTOR	N			P	1.00	A	\$79,872	N/A	Y	N	N/A	N/A	118
AGR 122	EB			95020A	BIOSECURITY INSPECTOR	N			P	1.00	A	\$79,872	N/A	Y	N	N/A	N/A	112
AGR 122	EB			95021A	BIOSECURITY INSPECTOR	N			P	1.00	A	\$79,872	N/A	Y	N	N/A	N/A	113
AGR 122	EB			95022A	BIOSECURITY INSPECTOR	N			P	1.00	A	\$79,872	N/A	Y	N	N/A	N/A	111
AGR 122	EB			95023A	BIOSECURITY INSPECTOR	N			P	1.00	A	\$76,788	N/A	Y	N	N/A	N/A	105
AGR 122	EB			95024A	Account Clerk	N			P	1.00	A	\$54,041	N/A	Y	N	N/A	N/A	109
AGR 122	EB			95025A	Office Assistant	N			P	1.00	A	\$39,294	N/A	Y	N	N/A	N/A	110
AGR 122	EC			95026A	Accountant IV	N			P	1.00	A	\$59,508	N/A	Y	N	N/A	N/A	59
AGR 122	EC			95027A	Entomologist	N			P	1.00	A	\$86,376	N/A	Y	N	N/A	N/A	116
AGR 122	EC			95030A	Entomologist	N			P	1.00	A	\$101,064	N/A	Y	N	N/A	N/A	38
AGR 122	EC			95031A	Entomologist	N			P	1.00	A	\$101,064	N/A	Y	N	N/A	N/A	58
AGR 122	EC			95032A	Plant Pathologist	N			P	1.00	A	\$86,376	N/A	Y	N	N/A	N/A	37
AGR 122	EC			95033A	Noxious Weed Specialist VI	N			P	1.00	A	\$86,376	N/A	Y	N	N/A	N/A	18

Department of Agriculture and Biosecurity
Vacancy Report as of November 30, 2025

Table 11

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AGR 122	ED			95034A	Planner	N			P	1.00	A	\$76,788	N/A	Y	N	N/A	N/A	83
AGR 122	ED			95035A	Environmental Health Specialist VI	N			P	1.00	A	\$86,376	N/A	Y	N	N/A	N/A	15
AGR 131	DB	5/21/2022		25096	OFFICE ASSISTANT IV	N	SR08	3	P	1.00	B	\$30,240	\$33,120	Y	N	N/A	N/A	61
AGR 131	DB	12/1/2023		45389	OFFICE ASSISTANT IV	N	SR08	3	P	1.00	B	\$30,240	\$38,328	Y	N	N/A	N/A	117
AGR 131	DB	12/5/2024		32994	OFFICE ASSISTANT IV	N	SR10	3	P	1.00	B	\$49,020	\$40,248	Y	N	N/A	N/A	77
AGR 131	DB	6/4/2019		46453	VETERINARY PROGRAM MANAGER I (AQS)	N	EM05	35	P	1.00	B	\$159,708	\$100,632	Y	N	N/A	N/A	1
AGR 131	DB	7/16/2025		47984	VETERINARY ASSISTANT	N	SR14	3	P	1.00	B	\$47,004	\$47,004	Y	N	N/A	N/A	71
AGR 132	DC	12/31/2022		2827	VETERINARY PROGRAM MANAGER I (ADCB)	N	EM05	35	P	1.00	A	\$171,768	\$133,272	Y	N	N/A	Temp. Assign.	5
AGR 132	DC	1/30/2023		2829	VETERINARY MEDICAL OFFICER II (ADCB)	N	SR26	13	P	1.00	A	\$86,376	\$80,184	Y	N	N/A	N/A	19
AGR 132	DC	7/1/2024		95048A	LIVESTOCK INSPECTOR (MEAT INSPECTION)	N	SR10	3	P	1.00	A	\$25,194	N/A	Y	N	N/A	N/A	62
AGR 132	DC	7/1/2024		95049A	LIVESTOCK INSPECTOR (MEAT INSPECTION)	N	SR10	3	P	1.00	A	\$25,194	N/A	Y	N	N/A	N/A	86
AGR 132	DC	8/19/2025		124508	VETERINARY MEDICAL OFFICER II (Molokai)	N	SR26	13	P	1.00	A	\$76,788	\$95,424	Y	N	N/A	N/A	43
AGR 132	DC			95050A	PLANNER V	N	SR24	13	P	1.00	A	\$42,694	N/A	Y	N	N/A	N/A	16
AGR 141	HA	6/28/2024		40998	ENGINEERING PROGRAM MANAGER	N	EM07	35	P	0.50	A	\$85,884	\$84,030	Y	N	N/A	Temp. Assign.	2
AGR 141	HA	6/28/2024		40998	ENGINEERING PROGRAM MANAGER	N	EM07	35	P	0.50	A	\$85,884	\$84,030	Y	N	N/A	Temp. Assign.	2
AGR 141	HA	9/19/2025		9874	ACCOUNT CLERK III	N	SR08	3	P	0.50	A	\$25,440	\$21,636	Y	N	N/A	N/A	114
AGR 141	HA	9/19/2025		9874	ACCOUNT CLERK III	N	SR08	3	P	0.50	A	\$25,440	\$21,636	Y	N	N/A	N/A	85
AGR 141	HA	12/13/2024		40542	PROPERTY MANAGER IV	N	SR22	13	P	1.00	B	\$68,280	\$68,280	Y	N	N/A	N/A	75
AGR 141	HA	4/10/2025		125742	PROPERTY MANAGER V	N	SR24	13	P	1.00	A	\$83,400	N/A	Y	N	N/A	N/A	21
AGR 141	HA	5/31/2024		120357	PROPERTY MANAGER V	N	SR24	13	P	1.00	B	\$91,482	\$52,068	Y	N	N/A	N/A	9
AGR 141	HA	7/1/2023		125805	REAL PROPERTY APPRAISER V	N	SR24	13	P	1.00	#N/A	#N/A	N/A	Y	N	N/A	N/A	97
AGR 151	BB	5/14/2019	1/4/2026	44054	AGRICULTURAL COMMODITIES MARKETING SPECIALIST III	N	SR20	13	P	1.00	A	\$47,100	\$47,088	Y	N	N/A	N/A	46
AGR 151	BB	1/18/2025		122556	AGRICULTURAL COMMODITIES MARKETING SPECIALIST III	N	SR20	13	P	1.00	A	\$43,620	\$53,940	Y	N	N/A	N/A	72
AGR 151	BB	5/1/2025		15744	AGRICULTURAL COMMODITIES MARKETING SPECIALIST III	N	SR20	13	P	1.00	A	\$63,096	\$63,096	Y	N	N/A	N/A	100
AGR 151	BB	10/1/2024		6263	AGRICULTURAL COMMODITIES MARKETING SPECIALIST V	N	SR24	13	P	1.00	A	\$101,064	\$101,064	Y	Y	2	N/A	4
AGR 151	BB	5/24/2022		102632	AGRICULTURAL COMMODITIES AID (Molokai)	Y	SRNA	3	T	0.50	A	\$20,904	hourly	Y	N	N/A	N/A	98
AGR 151	BB	8/1/2025		111635	AGRICULTURAL COMMODITIES AID I (Kona)	Y	SRNA	3	P	1.00	A	\$41,808	\$46,800	N	N	N/A	N/A	50
AGR 153	CD	6/26/2025		125773	AQUACULTURE SPECIALIST V	N	SR25	1	P	1.00	A	\$64,620	N/A	Y	N	N/A	N/A	102

Department of Agriculture and Biosecurity
Vacancy Report as of November 30, 2025

Table 11

<u>Prog ID</u>	<u>Sub-Org</u>	<u>Date of Vacancy</u>	<u>Expected Fill Date</u>	<u>Position Number</u>	<u>Position Title</u>	<u>Exempt (Y/N)</u>	<u>SR Level</u>	<u>BU Code</u>	<u>Perm Temp (P/T)</u>	<u>FTE</u>	<u>MOF</u>	<u>Budgeted Amount</u>	<u>Actual Salary Last Paid</u>	<u>Authority to Hire (Y/N)</u>	<u>Occupied by 89-Day Hire (Y/N)</u>	<u># of 89 Hire Appts</u>	<u>Describe if Filled by other Means</u>	<u>Priority # to Retain</u>
AGR 153	CD	6/26/2025		125774	AQUACULTURE SPECIALIST V	N	SR25	1	P	1.00	A	\$64,620	N/A	Y	N	N/A	N/A	63
AGR 153	CD	6/26/2025		125775	AQUACULTURE SPECIALIST V	N	SR25	1	P	1.00	A	\$64,620	N/A	Y	N	N/A	N/A	96
AGR 153	CD	6/26/2025		125776	AQUACULTURE SPECIALIST V	N	SR25	1	P	1.00	A	\$64,620	N/A	Y	N	N/A	N/A	107
AGR171	BE	10/1/2025		6433	OFFICE ASSISTANT IV	N	SR10	3	P	1.00	A	\$40,248	\$41,652	Y	N	N/A	N/A	31
AGR171	BC	6/16/2023		13203	RESEARCH STATISTICIAN IV	N	SR22	13	P	1.00	A	\$71,016	\$65,916	Y	N	N/A	N/A	10
AGR171	BE	12/15/2018		10403	ECONOMIC DEVELOPMENT SPECIALIST IV	N	SR22	13	P	0.50	N	\$32,238	\$32,238	Y	Y	1	N/A	106
AGR171	BE	12/15/2018		10403	ECONOMIC DEVELOPMENT SPECIALIST IV	N	SR22	13	P	0.50	N	\$32,238	\$32,238	Y	Y	1	N/A	115
AGR 192	AA	11/5/2020		11574	HUMAN RESOURCES ASSISTANT V	N	SR13	63	P	1.00	A	\$48,936	\$35,340	Y	Y	1	N/A	44
AGR 192	AA	7/1/2022		123190	EXECUTIVE SPECIALIST V	N	SR24	13	P	1.00	A	\$90,000	\$86,724	Y	Y	4	N/A	40
AGR 192	AA	9/14/2024		39020	INFORMATION TECHNOLOGY BAND B	N	SR24	13	P	1.00	A	\$76,788	\$79,368	Y	N	N/A	N/A	41
AGR 192	AA	1/1/2019		120398	PLANNER V	N	SR22	13	P	1.00	A	\$45,984	N/A	Y	N	N/A	N/A	42
AGR 192	AA	11/29/2025		5987	ACCOUNT CLERK IV	N	SR13	3	P	1.00	A	\$45,216	\$46,800	Y	Y	1	N/A	87
AGR 192	AA	11/7/2025		4657	ADMINISTRATIVE SERVICES OFFICER I	N	EM03	35	P	1.00	A	\$142,602	\$147,600	Y	N	N/A	N/A	29
AGR 192	AA	11/1/2023		43144	HUMAN RESOURCES SPECIALIST V	N	SR24	73	P	1.00	A	\$83,064	\$80,184	Y	N	N/A	N/A	30
AGR 192	AA	8/21/2023		121166	OFFICE ASSISTANT IV	N	SR10	3	P	1.00	A	\$40,248	\$40,248	Y	N	N/A	N/A	66
AGR 812	CA	5/1/2023		2939	OFFICE ASSISTANT III (QAD)	N	SR08	3	P	1.00	A	\$44,364	\$40,236	Y	Y	2	N/A	67
AGR 812	CA	12/31/2021		26178	MEASUREMENT STANDARDS INSPECTOR III	N	SR19	3	P	1.00	A	\$66,192	\$71,172	Y	N	N/A	N/A	51
AGR 812	CA	2/15/2019		122945	MEASUREMENT STANDARDS INSPECTOR IV	N	SR19	3	P	1.00	A	\$50,016	N/A	Y	N	N/A	N/A	45
AGR 812	CA	7/1/2025		26113	OFFICE ASSISTANT III (QAD)	N	SR08	3	P	1.00	A	\$37,872	\$40,236	Y	N	N/A	N/A	74
AGR 846	EE	9/20/2022	12/8/2025	36261	ENVIRONMENTAL HEALTH SPECIALIST IV (Kauai Enf)	N	SR22	13	P	1.00	A	\$63,096	\$72,528	Y	N	N/A	Temp. Assign.	Filled
AGR 846	EE	3/4/2025	12/9/2025	125714	ENVIRONMENTAL HEALTH SPECIALIST IV (Maui Ed)	N	SR22	13	P	1.00	A	\$63,096	N/A	Y	N	N/A	Temp. Assign.	Filled
AGR 846	EE	3/4/2025		125711	ENVIRONMENTAL HEALTH SPECIALIST IV (Hilo Ed)	N	SR22	13	P	1.00	A	\$63,096	N/A	Y	N	N/A	Temp. Assign.	52
AGR 846	EE	3/25/2025		125730	PLANNER IV	N	SR22	13	P	1.00	A	\$68,280	N/A	Y	N	N/A	N/A	101
AGR 846	EE	6/2/2025		33951	ENVIRONMENTAL HEALTH SPECIALIST IV	N	SR22	13	P	1.00	A	\$63,384	\$68,280	Y	N	N/A	Temp. Assign.	36
AGR 846	EE	5/15/2025		121565	ENVIRONMENTAL HEALTH SPECIALIST IV	N	SR22	13	P	1.00	A	\$65,664	\$65,664	Y	N	N/A	Temp. Assign.	64
AGR 846	EE	2/26/2025		125694	ENVIRONMENTAL HEALTH SPECIALIST IV (Kona Enf)	N	SR22	13	P	1.00	A	\$63,096	N/A	Y	N	N/A	Temp. Assign.	34
AGR 846	EE	11/17/2025		44153	ENVIRONMENTAL HEALTH SPECIALIST V	N	SR24	13	P	1.00	A	\$71,280	N/A	Y	N	N/A	Temp. Assign.	32
AGR 846	EE	8/5/2021		36578	ENVIRONMENTAL HEALTH SPECIALIST III (Kona) (Temp)	N	SR20	13	T	1.00	P	\$47,100	\$53,064	Y	N	N/A	N/A	102

Department of Agriculture and Biosecurity
Vacancy Report as of November 30, 2025

Table 11

<u>Prog ID</u>	<u>Sub-Org</u>	<u>Date of Vacancy</u>	<u>Expected Fill Date</u>	<u>Position Number</u>	<u>Position Title</u>	<u>Exempt (Y/N)</u>	<u>SR Level</u>	<u>BU Code</u>	<u>Perm Temp (P/T)</u>	<u>FTE</u>	<u>MOE</u>	<u>Budgeted Amount</u>	<u>Actual Salary Last Paid</u>	<u>Authority to Hire (Y/N)</u>	<u>Occupied by 89-Day Hire (Y/N)</u>	<u># of 89 Hire Appts</u>	<u>Describe if Filled by other Means</u>	<u>Priority # to Retain</u>
AGR 846	EE	7/27/2025		24823	ENVIRONMENTAL HEALTH SPECIALIST III (Hilo Enf)	N	SR20	13	P	1.00	A	\$63,096	\$55,080	Y	N	N/A	N/A	55
AGR 846	EE	3/4/2025		125710	ENVIRONMENTAL HEALTH SPECIALIST IV (Kauai Ed)	N	SR22	13	P	1.00	A	\$63,096	N/A	Y	N	N/A	N/A	73
AGR 846	EE	2/26/2025		125696	ENVIRONMENTAL HEALTH SPECIALIST IV (Maui Enf)	N	SR22	13	P	1.00	A	\$63,096	N/A	Y	N	N/A	N/A	88
AGR 846	EE	3/25/2025		125729	ACCOUNTANT IV	N	SR22	13	P	1.00	A	\$68,280	N/A	Y	N	N/A	N/A	65
AGR 846	EE	4/30/2025		125755	ENVIRONMENTAL HEALTH SPECIALIST VI	N	SR26	13	P	1.00	A	\$76,788	N/A	Y	N	N/A	N/A	12
AGR 846	EE	4/30/2025		125756	ENVIRONMENTAL HEALTH SPECIALIST VI	N	SR26	13	P	1.00	A	\$86,376	N/A	Y	N	N/A	N/A	11
AGR 846	EE	5/13/2025		125763	ENVIRONMENTAL HEALTH SPECIALIST III (Maui Enf)	N	SR20	13	P	1.00	A	\$58,296	N/A	Y	N	N/A	N/A	90
AGR 846	EE	5/13/2025		125762	CHEMIST III	N	SR20	13	P	1.00	A	\$58,296	N/A	Y	N	N/A	N/A	89

Department of Agriculture and Biosecurity

Table 12

Positions Filled and/or Established by Acts other than the State Budget as of November 30, 2025

<u>Prog ID</u>	<u>Sub-Org</u>	<u>Date Established</u>	<u>Legal Authority</u>	<u>Position Number</u>	<u>Position Title</u>	<u>Exempt (Y/N)</u>	<u>SR Level</u>	<u>BU Code</u>	<u>T/P</u>	<u>MOF</u>	<u>FTE</u>	<u>Annual Salary</u>	<u>Filled (Y/N)</u>	<u>Occupied by 89 Day Hire (Y/N)</u>
AGR 122	EC	12/15/2015	Act 152 SLH 2015	121878	Pesticides Subsidy Program Manager	Y	SRNA	13	T	A	0.50	\$ 50,000	N	N
AGR 171	BE	3/30/2023	EM 22-03	124658	Business Development Program Manager	N	EM05	35	T	A	1.00	\$ 138,852	Y	N
AGR 171	BA	5/16/2023	EM 22-03	124914	Administrative Assistant III	N	SR16	63	T	A	1.00	N/A	N	Y

Department of Agriculture and Biosecurity
Overtime Expenditure Summary

Table 13

				FY25 (actual)			FY26 (estimated)			FY27 (budgeted)		
<u>Prog ID</u>	<u>Sub-Org</u>	<u>Program Title</u>	<u>MOF</u>	<u>Base Salary</u> \$\$\$\$	<u>Overtime</u> \$\$\$\$	<u>Overtime</u> Percent	<u>Base Salary</u> \$\$\$\$	<u>Overtime</u> \$\$\$\$	<u>Overtime</u> Percent	<u>Base Salary</u> \$\$\$\$	<u>Overtime</u> \$\$\$\$	<u>Overtime</u> Percent
AGR 101	GA	Financial Assistance for Agriculture	A	\$ 532,456	\$ 2,516	0.5%	\$ 710,638	\$ 1,300	0.2%	\$ 710,638	\$ -	0.0%
AGR 122	EA	Plant Industry Administration	A	\$ 29,912	\$ 778	2.6%	\$ 208,080	\$ 500	0.2%	\$ 208,080	\$ -	0.0%
	EB	Plant Quarantine	A	\$ 4,828,725	\$ 521,836	10.8%	\$ 8,549,909	\$ 600,000	7.0%	\$ 8,549,909	\$ 427,057	5.0%
AGR122	EC	Plant Pest Control- Bio	A	\$ 387,012	\$ 7,400	1.9%	\$ 1,571,402	\$ 7,000	0.4%	\$ 1,571,402	\$ 3,311	0.2%
AGR122	ED	Plant Pest Control- Chem/Mech	A	\$ 296,807	\$ 3,506	1.2%	\$ 932,263	\$ 1,500	0.2%	\$ 932,263	\$ 45,583	4.9%
AGR131	DB	Animal Quarantine	B	\$ 1,522,700	\$ 188,232	12.4%	\$ 3,773,655	\$ 180,000	4.8%	\$ 3,773,655	\$ 102,680	2.7%
AGR132	DA	Animal Industry Admin.	A	\$ 205,001	\$ 9,319	4.5%	\$ 197,221	\$ 9,000	4.6%	\$ 197,221	\$ -	0.0%
	DC	Livestock Disease Control	A	\$ 725,117	\$ 39,862	5.5%	\$ 1,280,866	\$ 40,000	3.1%	\$ 1,280,866	\$ -	0.0%
			P	\$ 11,263	\$ 1,943	17.3%	\$ -	\$ -		\$ -	\$ -	
AGR141	HA	Agricultural Resource Mgt	A	\$ 1,131,850	\$ 257	0.0%	\$ 195,507	\$ 8,000	4.1%	\$ 195,507	\$ -	0.0%
			B	\$ 747,653	\$ 1,844	0.2%	\$ 2,034,798	\$ 3,400	0.2%	\$ 2,034,798	\$ 8,400	0.4%
			W	\$ 403,970	\$ 102	0.0%	\$ 14,700	\$ -	0.0%	\$ 643,364	\$ -	0.0%
AGR151	BB	Commodities	A	\$ 1,154,804	\$ 10,457	0.9%	\$ 1,430,309	\$ 10,000	0.7%	\$ 1,430,309	\$ 41,078	2.9%
AGR 171	BE	Market Development	A	\$ 367,294	\$ 8,347	2.3%	\$ 331,854	\$ 3,000	0.9%	\$ 331,584	\$ -	0.0%
AGR192	AA	General Admin for Agric.	A	\$ 1,885,260	\$ 120,845	6.4%	\$ 2,572,453	\$ 150,000	5.8%	\$ 2,572,453	\$ 12,394	0.5%
AGR846	EE	Pesticides	A	\$ 1,145,814	\$ 29,802	2.6%	\$ 2,780,329	\$ 30,000	1.1%	\$ 2,780,329	\$ 3,118	0.1%

Department of Agriculture and Biosecurity
Active Contracts as of December 1, 2025

Table 14

Prog ID	MOF	Amount Paid	Frequency (M/A/O)	Max Value	Outstanding Balance	Term of Contract			Entity	Contract Description	Explanation of How Contract is Monitored	POS Y/N	Category E/L/P/C/G/S/*
						Date Executed	From	To					
AGR 122	A	160,000	A	200,000	40,000	5/29/24	5/29/24	5/28/26	COUNTY OF MAUI	COUNTY OF MAUI GREEN WASTE CONTAINER & HAULING PILOT	Annual Reports	Y	S
AGR 122	A	-	A	200,000	200,000	6/14/24	7/1/24	6/30/26	CITY & COUNTY OF HONOLULU	C&C HNL COMPREHENSIVE INFO & OUTREACH PROG ON GREENWASTE BEST PRACTICES F/CONTROLLING THE SPREAD OF CRB	Annual Reports	Y	S
AGR 122	A	160,000	A	200,000	40,000	7/18/24	7/18/24	7/17/26	COUNTY OF KAUAI	SUSTAINABLE SOLUTIONS - STRATEGIC INITIATIVE & COMPEHENSIVE STUDY TO HAULT SPREAD OF CRB	Annual Reports	Y	S
AGR 122	A	20,000	O	25,000	5,000	9/6/24	9/6/24	9/5/25	HUI ALOHA AINA MOMONA	THREE PRONGED COCONUT RHINOCEROS BEETLE MGMT MODEL O KAHULU'U #RFP 24-02-PI	Semi-annual Reports	Y	S
AGR 122	A	160,000	A	200,000	40,000	11/13/24	11/13/24	11/12/26	COUNTY OF HAWAII	GREEN WASTE MGMT F/PREVENTING CRB BREEDING GROUNDS AT COH SOLID WASTE & RECYCLING TRF STNS, GREEN WASTE FACILTYS & OTHR KNOWN BREEDING GROUNDS	Annual Reports	Y	S
AGR 122	A	20,000	O	25,000	5,000	12/13/25	12/13/25	12/13/26	WAIHAPAKAI	COCONUT RHONOCEROS BETTLE KO'OLAU #RFP 24-02-PI	Semi-Annual Report	Y	S
AGR 122	A	20,000	O	24,942	4,942	1/6/25	1/6/25	1/5/25	MALAMA LEARNING CENTER	OUTREACH & EDUCATION TO PROMOTE COMMUNITY LEVEL ACTIONS TOWARD REDUCING CRB POPULATION IN WEST OAHU #RFP 24-02-PI	Semi-Annual Report	Y	S
AGR 122	A	478,835	O	1,100,000	621,165	1/10/25	1/10/25	1/9/26	H.T.M. CONTRACTORS, INC.	CONTROL & MITIGATION OF THE COCONUT RHINOCEROS BEETLE(CRB2024) #RFP 25-01-PI	Invoices and Reports of Services Rendered	Y	S
AGR 122	A	20,000	O	25,000	5,000	1/29/25	1/29/25	1/28/26	MAUNALUA FISHPOND HERITAGE	E HO'OLA ULU NIU A MAUNALUA - EAST O'AHU,HI COCONUT RHINO BEETLE CONTROL #RFP 24-02-PI	Semi-Annual Report	Y	S
AGR 122	A	116,218	O	1,100,000	983,782	1/8/25	2/14/25	2/13/25	RENTOKIL NORTH AMERICA INC	CONTROL & MITIGATION OF LITTLE FIRE ANTS (LFA) ON RESIDENTIAL PROPERTIES #RFP 25-03-PI ACT 231/SLH2024	Monthly Milestones	Y	S
AGR 122	A	32,000	O	40,000	8,000	2/18/25	2/18/25	2/17/26	BIO BAMBOO, INC.	RAPID RESPONSE PREVENTION TREATMENT #RFP-24-01-PI STATEWIDE (GWMC)	Semi-Annual Report	Y	S

Department of Agriculture and Biosecurity
Active Contracts as of December 1, 2025

Table 14

<u>Prog ID</u>	<u>MOF</u>	<u>Amount Paid</u>	<u>Frequency (M/A/O)</u>	<u>Max Value</u>	<u>Outstanding Balance</u>	<u>Date Executed</u>	<u>From</u>	<u>To</u>	<u>Entity</u>	<u>Contract Description</u>	<u>Monitored</u>	<u>Y/N</u>	<u>E/L/P/C/G/S/*</u>
AGR 122	A	200,000	O	250,000	50,000	3/20/25	3/20/25	3/19/26	ANTHOLOGY MARKETING GROUP, INC	HI DOA STRATEGIC COMMUNICATIONS & PUBLIC ENGAGEMENT SUPPORT SVCS F/EMERGENCY AVIAN INFLUENZA & INVASIVE SPECIES CAMPAIGNS #PE25-058SK	Semi-annual Reports	Y	S
AGR 122	A	-	O	150,000	150,000	3/20/25	4/2/25	2/1/27	COUNTY OF KAUAI	KAUAI ROSE RINGED PARAKEET POPULATION CONTROL	Quarterly reports act as milestones	Y	S
AGR 122	A	65,000	O	150,000	85,000	7/21/25	4/2/25	8/1/27	COUNTY OF KAUAI	KAUAI ROSE RINGED PARAKEET POPULATION CONTROL	Quarterly reports act as milestones	Y	S
AGR 122	A	179,696	O	359,392	179,696	4/3/25	4/23/25	4/22/26	UNIVERSITY OF HAWAII	CONTROLS & MITIGATION OF TWO-LINED SPITTLEBUG #RFP 25-04-PI	Monthly	Y	S
AGR 122	A	32,000	O	39,072	7,072	4/16/25	4/16/25	4/15/26	'AINA HO'OKUPU O KILAUEA	NORTH & EAST KAUAI CRB ERADICATION STRATEGY THROUGH GREEN WASTE MGMT SITES #RFP 24-01-PI #0FOS2415-01	Semi-Annual Report	Y	S
AGR 122	A	12,000	O	240,000	228,000	4/21/25	5/16/25	5/15/26	HAWAII RANGELAND STEWARDSHIP	CTRL & MITIGATION OF 2-LINED SPITTLEBUG	Quarterly reports	Y	S
AGR 122	A	15,000	O	25,000	10,000	4/23/25	4/23/25	4/22/26	HAWAII FARMERS UNION UNITED	COMMUNITY CRB COALITION (SPONSORED BY HFU N SHORE CHARTER) RFP 24-02-PI ODOA2420-01	Semi-Annual Report	Y	S
AGR 122	A	15,000	O	25,000	10,000	5/1/25	5/1/25	4/30/26	KOKUA HAWAII FOUNDATION	MANAGING GRN WASTE & SPREAD OF CRB NORTH SHORE COMM THRU INVESSEL COMPOSTING SYS RFP 24-02-PI ODOA2416-01	Semi-Annual Report	Y	S
AGR 122	A	16,000	O	40,000	24,000	5/1/25	5/1/25	4/30/26	KOKUA HAWAII FOUNDATION	MANAGING GREEN WASTE & SPREAD OF CRB NORTH SHORE COMM THROUGH AN INVESSEL COMPOSTING SYST RFP 24-01-PI ODOA2413-01	Semi-Annual Report	Y	S
AGR 122	A	15,000	O	25,000	10,000	5/5/25	5/5/25	5/4/26	KINAI 'EHA	PROTECT OUR PALMS HAWAII'S FIGHT AGAINST COCONUT RHINOCEROS BEETLE RFP 24-02-PI ODOA24122-01	Semi-Annual Report	Y	S
AGR 122	A	47,490	O	237,449	189,959	5/23/25	6/19/25	6/20/26	UNIVERSITY OF HAWAII	TAXONOMIC ID OF PESTS INTERCEPTED DURING INSP RISK MGMT & SURVEYS #25-06-PI	Quarterly Progress Reports	Y	S
AGR 122	A	-	O	800,000	800,000	6/5/25	6/5/25	6/4/26	UNIVERSITY OF HAWAII	PEST MGMT SYST APPROACH INTERGOVT AGRMT	Quarterly Progress Reports	Y	S

Department of Agriculture and Biosecurity
Active Contracts as of December 1, 2025

Table 14

<u>Prog ID</u>	<u>MOF</u>	<u>Amount Paid</u>	<u>Frequency (M/A/O)</u>	<u>Max Value</u>	<u>Outstanding Balance</u>	<u>Date Executed</u>	<u>From</u>	<u>To</u>	<u>Entity</u>	<u>Contract Description</u>	<u>Monitored</u>	<u>Y/N</u>	<u>E/L/P/C/G/S/*</u>
AGR 122	A	100,000	O	250,000	150,000	7/17/25	7/17/25	7/16/26	CHARTER COMMUNICATIONS	PUBLIC AWARENESS 2024 - STATEWIDE BIOSECURITY AWARENESS	Semi-annual Reports	Y	S
AGR 122	A	-	O	240,000	240,000	9/19/25	11/21/25	11/20/26	UNITED STATES DEPARTMENT OF	2-LINE SPITTLE BUG TREATMENT/MITIGATION - RFP-25-08-PI	Monthly Reports	Y	S
AGR 122	A	-	O	239,741	239,741	11/19/25	12/2/25	12/1/26	EKNA SERVICES, INC.	HI BIOSECURITY RISK ASSESSMENT PHASE 1 INITIAL CONSULTATION	Semi-Annual Report	Y	S
AGR 122	A	-	O	199,827	199,827	11/19/25	12/3/25	12/2/26	EKNA SERVICES, INC.	RENOV OF HI DAB KING ST FACILITIES PLNG	Semi-Annual Report	Y	S
AGR 122	A	-	O	239,443	239,443	11/19/25	12/2/25	12/1/26	EKNA SERVICES, INC.	RENOV OF HI DEPT AB PQ FAC AUIKI ST RFP #25-010-PI	Semi-Annual Report	Y	S
AGR 122	A	-	M	100,000	100,000	11/20/25	12/3/25	12/2/26	ALOHA TERMITE KAUAI, INC.	CRB RAPID RESPONSE ONCALLSVCS C&C HNL - HAWAII HIEPRO #17693	Monthly Reports	Y	S
AGR 122	A	-	M	100,000	100,000	11/20/25	12/3/25	12/2/26	ALOHA TERMITE KAUAI, INC.	CRB RAPID RESPONSE ONCALLSVCS COUNTY OF HAWAII - HAWAII HIEPRO #17690	Monthly Reports	Y	S
AGR 122	A	-	M	100,000	100,000	11/20/25	12/3/25	12/2/26	ALOHA TERMITE KAUAI, INC.	CRB RAPID RESPONSE ONCALLSVCS COUNTY OF KAUAI - KAUAI HI HIEPRO #17691	Monthly Reports	Y	S
AGR 122	A	-	M	100,000	100,000	11/20/25	12/3/25	12/2/26	ALOHA TERMITE KAUAI, INC.	CRB RAPID RESPONSE ONCALLSVCS COUNTY OF MAUI HAWAII HIEPRO #17692	Monthly Reports	Y	S
AGR 122	B	27,115	O	32,425	5,310	4/1/20	4/1/20	3/31/21	ADVANCED TECHNOLOGY CORP.	INSTALLATION TRAINING & MGMT OF LABORATORY INFORMATION MGMT SYSTEM	Review of Work	Y	S
AGR 122	B	474,280	M	585,233	110,953	10/2/20	7/1/20	1/31/27	PACIFIC RADIO GROUP, INC	NEIGHBOR ISLAND AIRPORT ADVERTISING F/INVASIVE SPECIES	provides advertising space for contract duration	Y	S
AGR 122	B	20,625	O	27,500	6,875	5/10/21	6/1/21	5/31/23	UNIVERSITY OF HAWAII	MYRTACEAE REPLACEMENT	Semi-annual Reports	Y	S
AGR 122	B	42,000	O	105,000	63,000	5/19/25	5/29/25	5/28/26	UNIVERSITY OF HAWAII	BIOLOGICAL CNTRL 2LINED SPITTLEBUG USING STRAINS OF HAWN ENTOMOPATHOGENI NEMATODES	Quarterly reports	Y	S
AGR 131	B	113,101	O	120,958	7,857		3/30/18	5/30/19	DATAHOUSE CONSULTING, INC.	REPLACEMENT OF THE ANIMAL QUARANTINE STATE COMPUTER INFORMATION SYSTEM RFP 16-05-AQ-CIS	Program Reports	Y	S
AGR 131	B	34,900	O	39,046	4,146	3/15/18	4/1/18	3/31/19	DATAHOUSE CONSULTING, INC.	AQS INFORMATION SYSTEM	Program Reports	Y	S
AGR 131	B	39,089	O	43,193	4,103	2/19/19	4/1/19	8/31/19	DATAHOUSE CONSULTING, INC.	AQS - AIS SYSTEM	Program Reports	Y	S

Department of Agriculture and Biosecurity
Active Contracts as of December 1, 2025

Table 14

<u>Prog ID</u>	<u>MOF</u>	<u>Amount Paid</u>	<u>Frequency (M/A/O)</u>	<u>Max Value</u>	<u>Outstanding Balance</u>	<u>Date Executed</u>	<u>From</u>	<u>To</u>	<u>Entity</u>	<u>Contract Description</u>	<u>Monitored</u>	<u>Y/N</u>	<u>E/L/P/C/G/S/*</u>
AGR 131	B	3,096	M	3,377	282		11/1/20	10/31/22	APB CONSTRUCTION CORP.	AC MAINTENANCE CONTRACT F/AQS 11MOS 281.50 12TH MO 280.50	Review of Work	Y	S
AGR 131	B	70,531	O	70,549	18	6/16/21	7/1/21	6/30/22	DATAHOUSE CONSULTING, INC.	MAINTENANCE AND SUPPORT SERVICES FOR AIS COMPUTER SYSTEM	Program Reports	Y	S
AGR 131	B	22,680	M	34,020	11,340	2/1/23	1/1/23	1/31/26	O & M ENTERPRISES	ANIMAL QUARANTINE STATION WASTEWATER PRETREATMENT FACILITY MAINTENANCE HALAWA VALLEY AIEA HI	Invoice	Y	S
AGR 131	B	3,270	M	3,924	654	6/1/23	6/1/23	5/31/24	ISLAND WIDE A/C SERVICE, LLC	AQS A/C SVC	Inoice/Work Order	Y	S
AGR 131	B	13,455	M	53,820	40,365	1/29/25	2/1/25	1/31/28	O & M ENTERPRISES	AQS WASTEWATER PRE-TREATMENT FACILITY MAINTENANCE HALAWA OAHU HI	Invoice	Y	S
AGR 131	B	1,297	M	7,780	6,483	5/27/25	6/1/25	5/31/27	TRADEWINDS COOLING, LLC	A/C MAINT SVCS AQS	Invoice/Work Order	Y	S
AGR 131	B	4,153	M	19,935	14,121	5/27/25	6/1/25	5/31/27	TRADEWINDS COOLING, LLC	A/C MAINT SVCS AQS	Invoice/Work Order	Y	S
AGR 131	B	130,000	O	750,000	620,000	6/3/25	7/1/25	6/30/26	DATAHOUSE CONSULTING, INC.	AQS INFO SYST	Progress Reports	Y	S
AGR 132	A	9,017	M	9,837	820	5/12/23	6/1/23	5/31/24	OAHU AIR CONDITIONING SERVICE,	AI KANAHOAHOA BLDG A/C MAINTENANCE	Invoice/Work Order	Y	S
AGR 132	A	9,836	M	9,837	1	5/29/24	6/1/24	5/31/25	OAHU AIR CONDITIONING SERVICE,	AI KANAHOAHOA BLDG A/C MAINTENANCE	Invoice/Work Order	Y	S
AGR 141	A	1,556,326	M	1,581,134	24,808	3/9/09	7/6/09	TBD	JENNINGS PACIFIC LLC	E KAUAI IRRIGATION SYSTEM- MISCELLANOUS IMPR. JOB#DOAK02KAPAA, KAUAI	INSPECTION OF WORK	Y	S
AGR 141	A	-	M	13,256	13,256	6/1/22	7/15/22	3/31/25	MEI CORPORATION	KAHUKU AG PARK IMPROVEMENTS - REPAIR PUMP CONTROL BLDG & REPL PUMPS KAHUKU,OAHU,HAWAII #B22001554	INSPECTION OF WORK	Y	S
AGR 141	A	168,625	M	177,500	8,875	8/24/22	10/19/22	4/20/26	PACIFIC ELECTRO-MECHANICAL,	JOB #DOAMIS 028 MAINT OF MECHANICAL & ELECTRICAL EQUIP, PHASE 3 MOLOKAI IRRIGATION SYST MOLOKAI HAWAII	INSPECTION OF WORK	Y	S
AGR 141	A	461,506	M	1,225,000	763,494	3/24/23	7/17/23	1/12/27	AECOM TECHNICAL SERVICES, INC.	#DOAO 25 WAHIAWA IRRIG SYST & LAKE WILSON RESERVOIR DUE DILIGENCE ASSESSMENT WAHIAWA OAHU HI	PROGRESS REPORTS	Y	S

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AGR 141	A	321,100	M	4,500,000	4,178,900	3/7/24	9/2/24	9/2/26	PAREN, INC.	ACT 90 STATEWIDE LAND TRANSFER - PHASE 2	PROGRESS REPORTS	Y	S
AGR 141	A	-	M	90,000	90,000	5/21/24	4/15/25	4/15/26	ISEMOTO CONTRACTING CO., LTD.	WAIMEA IRRIG SYST DRAINAGE IMPROVEMENT KAMUELA HAWAII #DOAH23	INSPECTION OF WORK	Y	S
AGR 141	A	-	M	40,000	40,000	12/23/24	2/4/25	TBD	PACIFIC ELECTRO-MECHANICAL,	JOB #DOAO-10.4 MAINT OF MECHANICAL & ELECTRICAL EQUIP PHASE 4, KAHUKU AGRICUTURAL PARK -KAHUKU,OAHU,HI 1ST 48,500.00 2ND 80,150.00	INSPECTION OF WORK	Y	S
AGR 141	A	680,662	M	3,875,595	3,194,933	6/2/25	6/12/25	Pending C	GANNETT FLEMING, INC.	WAHIAWA DAM IMPROVMNTS (ST DAM ID: OA-0017) WAHIAWA, OAHU, HI	PROGRESS REPORTS	Y	S
AGR 141	A	-	M	6,000	6,000	10/12/25	TBD	TBD	ITC WATER MANAGEMENT, INC.	JOB # IFB #25-030-ARMD MOLOKAI IRRIGATN SYST MSC ON-CALL SVCS MOLOKAI,HI	INSPECTION OF WORK	Y	S
AGR 141	A	-	M	40,000	40,000	10/26/25	TBD	TBD	PACIFIC ELECTRO-MECHANICAL,	JOB #DOMIS-02C MAINT OF MECHANICAL & ELECTRICAL EQUIP MOLOKAI IRRIG SYST PHASE 4	INSPECTION OF WORK	Y	S
AGR 141	B	-	M	15,000	15,000	8/24/22	10/19/22	4/20/26	PACIFIC ELECTRO-MECHANICAL,	JOB #DOAMIS 028 MAINT OF MECHANICAL & ELECTRICAL EQUIP, PHASE 3 MOLOKAI IRRIGATION SYST MOLOKAI HAWAII	INSPECTION OF WORK	Y	S
AGR 141	B	-	M	14,417	14,417	8/24/22	10/19/22	4/20/26	PACIFIC ELECTRO-MECHANICAL,	JOB #DOAMIS 028 MAINT OF MECHANICAL & ELECTRICAL EQUIP, PHASE 3 MOLOKAI IRRIGATION SYST MOLOKAI HAWAII	INSPECTION OF WORK	Y	S
AGR 141	B	-	M	583	583	8/24/22	10/19/22	4/20/26	PACIFIC ELECTRO-MECHANICAL,	JOB #DOAMIS 028 MAINT OF MECHANICAL & ELECTRICAL EQUIP, PHASE 3 MOLOKAI IRRIGATION SYST MOLOKAI HAWAII	INSPECTION OF WORK	Y	S
AGR 141	B	39,913	M	54,500	14,587	11/12/24	8/7/25	8/7/27	D & C CONSTRUCTION, INC.	JOB #IFB 24-020-ARMD OAHU MISCELLANEOUSE ON-CALL SEVICES IFB# B24002585	INSPECTION OF WORK	Y	S
AGR 141	B	-	M	24,500	24,500	11/12/24	8/7/25	8/7/27	D & C CONSTRUCTION, INC.	JOB #IFB 24-020-ARMD OAHU MISCELLANEOUSE ON-CALL SEVICES IFB# B24002585	INSPECTION OF WORK	Y	S
AGR 141	B	-	M	90,000	90,000	12/7/24	TBD	TBD	ITC WATER MANAGEMENT, INC.	JOB IFB #24-010-ARMD WAIMEA & HONOKAA PAAUILO IRRIG SYST MISC ON-CALL SVCS	INSPECTION OF WORK	Y	S

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AGR 141	B	-	M	35,000	35,000	12/7/24	TBD	TBD	ITC WATER MANAGEMENT, INC.	JOB IFB #24-010-ARMD WAIMEA & HONOKAA PAAUILO IRRIG SYST MISC ON-CALL SVCS	INSPECTION OF WORK	Y	S
AGR 141	B	64,831	M	80,000	15,169	1/6/25	7/31/25	7/31/27	RNK CONTRACTORS	JOB IFB #24-030 ARMD MOLOKAI IRRIG SYST MISC ON-CALL SVCSMOLOKAI HI #B24002586	INSPECTION OF WORK	Y	S
AGR 141	B	-	M	25,000	25,000	1/6/25	7/31/25	7/31/27	RNK CONTRACTORS	JOB IFB #24-030 ARMD MOLOKAI IRRIG SYST MISC ON-CALL SVCSMOLOKAI HI #B24002586	INSPECTION OF WORK	Y	S
AGR 141	B	-	M	40,150	40,150	12/23/24	TBD	TBD	PACIFIC ELECTRO-MECHANICAL,	JOB #DOAO-10.4 MAINT OF MECHANICAL & ELECTRICAL EQUIP PHASE 4, KAHUKU AGRICUTURAL PARK -KAHUKU,OAHU,HI 1ST 48,500.00 2ND 80,150.00	INSPECTION OF WORK	Y	S
AGR 141	B	-	M	96,000	96,000	9/19/25	TBD	TBD	GOODFELLOW BROS., LLC	JOB # IFB #25-010-ARMD, WAIMEA & HONOKAA PAAUILO IRRIGTN SYST MISC ON-CALL SVCS	INSPECTION OF WORK	Y	S
AGR 141	B	-	M	69,000	69,000	10/12/25	TBD	TBD	ITC WATER MANAGEMENT, INC.	JOB # IFB #25-030-ARMD MOLOKAI IRRIGATN SYST MSC ON-CALL SVCS MOLOKAI,HI	INSPECTION OF WORK	Y	S
AGR 141	B	-	M	65,000	65,000	10/12/25	TBD	TBD	ITC WATER MANAGEMENT, INC.	JOB # IFB #25-030-ARMD MOLOKAI IRRIGATN SYST MSC ON-CALL SVCS MOLOKAI,HI	INSPECTION OF WORK	Y	S
AGR 141	B	-	M	232,600	232,600	10/26/25	TBD	TBD	PACIFIC ELECTRO-MECHANICAL,	JOB #DOMIS-02C MAINT OF MECHANICAL & ELECTRICAL EQUIP MOLOKAI IRRIG SYST PHASE 4	INSPECTION OF WORK	Y	S
AGR 141	V	33,907	M	1,900,000	1,866,093	11/27/24	12/11/24	12/31/25	HAWAII 'ULU PRODUCERS	HONALO MARSHALLING YARD IMPROVEMENTS SOUTH KONA,HAWAII	INSPECTION OF WORK	Y	S
AGR 141	W	159,133	M	168,000	8,867	8/24/22	10/19/22	4/20/26	PACIFIC ELECTRO-MECHANICAL,	JOB #DOAMIS 028 MAINT OF MECHANICAL & ELECTRICAL EQUIP, PHASE 3 MOLOKAI IRRIGATION SYST MOLOKAI HAWAII	INSPECTION OF WORK	Y	S
AGR 141	W	-	M	167,417	167,417	8/24/22	10/19/22	4/20/26	PACIFIC ELECTRO-MECHANICAL,	JOB #DOAMIS 028 MAINT OF MECHANICAL & ELECTRICAL EQUIP, PHASE 3 MOLOKAI IRRIGATION SYST MOLOKAI HAWAII	INSPECTION OF WORK	Y	S
AGR 141	W	92,000	M	98,516	6,516	9/2/22	10/17/22	12/12/25	EKNA SERVICES, INC.	AGRICULTURAL ENTERPRISES HAWAII ADMINSTRATIVE RULES DEVELOPMENT	PROGRESS REPORTS	Y	S

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AGR 141	W	86,192	M	100,000	13,808	12/9/23	6/6/24	6/6/26	ITC WATER MANAGEMENT, INC.	JOB # IFB 23-030-ARMD MOLOKAI IRRIG SYST MISC ON-CALL SVCS	INSPECTION OF WORK	Y	S
AGR 141	W	-	M	40,090	40,090	5/21/24	4/15/25	4/15/26	ISEMOTO CONTRACTING CO., LTD.	WAIMEA IRRIG SYST DRAINAGE IMPROVEMENT KAMUELA HAWAII #DOAH23	INSPECTION OF WORK	Y	S
AGR 141	W	-	M	8,000	8,000	11/12/24	8/7/25	8/7/27	D & C CONSTRUCTION, INC.	JOB #IFB 24-020-ARMD OAHU MISCELLANEOUSE ON-CALL SEVICES IFB# B24002585	INSPECTION OF WORK	Y	S
AGR 141	W	-	M	8,000	8,000	12/7/24	TBD	TBD	ITC WATER MANAGEMENT, INC.	JOB IFB #24-010-ARMD WAIMEA & HONOKAA PAAUILO IRRIG SYST MISC ON-CALL SVCS	INSPECTION OF WORK	Y	S
AGR 141	W	-	M	9,500	9,500	1/6/25	7/31/25	7/31/27	RNK CONTRACTORS	JOB IFB #24-030 ARMD MOLOKAI IRRIG SYST MISC ON-CALL SVCSMOLOKAI HI #B24002586	INSPECTION OF WORK	Y	S
AGR 141	W	-	M	48,500	48,500	12/23/24	TBD	TBD	PACIFIC ELECTRO-MECHANICAL,	JOB #DOAO-10.4 MAINT OF MECHANICAL & ELECTRICAL EQUIP PHASE 4, KAHUKU AGRICUTURAL PARK -KAHUKU,OAHU,HI 1ST 48,500.00 2ND 80,150.00	INSPECTION OF WORK	Y	S
AGR 141	W	-	M	8,000	8,000	9/19/25	TBD	TBD	GOODFELLOW BROS., LLC	JOB # IFB #25-010-ARMD, WAIMEA & HONOKAA PAAUILO IRRIGTN SYST MISC ON-CALL SVCS	INSPECTION OF WORK	Y	S
AGR 151	A	300,000	O	400,000	100,000	7/1/16	7/1/16	9/30/21	HAWAII FARM BUREAU FEDERATION	SOLICIT PROPOSALS FOR RESEARCH PROJECTS TO ESTABLISH FOOD SAFETY PROCEDU FOR HI FARMERS	Midterm Progress & Final Report	Y	S
AGR 151	A	240,000	O	270,000	30,000	5/16/23	5/16/23	11/15/25	UNIVERSITY OF HAWAII	SEA SALT FOOD SAFETY EDUCATION	Midterm Progress & Final Report	Y	S
AGR 151	A	180,000	O	200,000	20,000		7/1/23	6/30/24	HAWAII FARM BUREAU FOUNDATION	GRANT IN AID 2023	Midterm Progress & Final Report	Y	S
AGR 153	A	112,500	O	150,000	37,500	11/1/23	11/1/23	11/25/25	UNIVERSITY OF HAWAII	MACROALGAE CULTIVATION USING SEWAGE EFFLUENT FROM BENCH SCALE TO PILOT SCALE	Program Reports	Y	S
AGR 153	A	50,000	O	100,000	50,000	11/16/23	11/26/23	11/26/24	UNIVERSITY OF HAWAII	ESTABLISH A BSF BASED BIOREFINERY F/VALORIZATION OF ORGANIC WASTES INTO PROTEIN LIPID FERTILIZER CHITIN & CHITOSAN	Program Reports	Y	S
AGR 153	A	41,250	O	82,500	41,250	12/28/23	12/29/23	6/28/25	UNIVERSITY OF HAWAII	DEVELOP AQUACULTURE CODE OF CONDUCT & GOOD MGMT PRACTICE PROTOCOLS	Program Reports	Y	S

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AGR 153	A	50,000	O	100,000	50,000		12/5/24	12/5/25	UNIVERSITY OF HAWAII	IDENTIFY SUITABLE AQUACULTURE ZONES FOR LAND-BASED AQUACULTURE PLNGM IN HAWAII USING GIS BASED TOOLS	Program Reports	Y	S
AGR 153	A	60,000	O	120,000	60,000		12/8/24	12/8/25	UNIVERSITY OF HAWAII	CREATE HOLISTIC WORKFORCE DEVELOPMENT FRAMEWORK TAILORED TO HAWAII'S AQUACULTURE IND DESIGNED TO BOLSTER INDUSTRY'S GROWTH & SUSTAINABILITY	Program Reports	Y	S
AGR 153	A	-	O	55,000	55,000		11/15/25	11/15/26	UNIVERSITY OF HAWAII	DESIGN BLD & OPERATE A PILOT SCALE RACEWAY SEAWEEED SYST TO GROW LIMU ON PRIMARY WASTE WATER EFFLUENT #0DOA2507-01	Program Reports	Y	S
AGR 171	A	160,883	O	201,104	40,221	9/18/23	9/18/23	11/18/25	ALTERNATIVE STRUCTURES	FOOD HUB PILOT PROGRAM ACT 313 RFP 23-02-MDB	Progress and Final Reports	Y	S
AGR 171	A	162,571	O	203,213	40,643	9/6/23	9/6/23	5/6/25	HAWAII INSTITUTE OF PACIFIC	FOOD HUB PILOT PROGRAM ACT 313 RFP 23-02-MDB	Progress and Final Reports	Y	S
AGR 171	A	199,963	O	249,954	49,991	9/6/23	9/6/23	11/6/25	SUSTAINABLE MOLOKAI	FOOD HUB PILOT PROGRAM ACT 313 RFP 23-02-MDB	Progress and Final Reports	Y	S
AGR 171	A	75,000	O	250,000	175,000	12/5/23	12/5/23	2/5/27	ELEPAIO SOCIAL SERVICES	MEA'AI WAI'ANAE 'ELEPAIO SOCIAL SERVICES FOOD HUB EXPANSION PROJ #RFP 23-02-MDB	Progress and Final Reports	Y	S
AGR 171	A	60,964	O	203,213	142,249	3/20/24	30/20/24	5/20/27	PAPAALOA MARKET & CAFE LLC	#RFP 23-02-MDB PAPAALOA COUNTRY STORE & CAFE FOOD HUB EXPANSION & CERTIFIED COMMUNITY KITCHEN CONSTRUCTION	Progress and Final Reports	Y	S
AGR 171	A	150,000	O	269,500	119,500	9/18/23	9/18/23	1/31/26	UNIVERSITY OF HAWAII	FARM APPRENTICE MENTORSHIP PROGRAM (FAMP) - ACT 304 SLH 2022	Periodic progress reports and inquiries.	Y	S
AGR 171	A	250,000	O	275,000	25,000	2/4/25			HAWAII AGRICULTURAL FOUNDATION	INCREASE LOCAL FOOD PROD & ADD NEED F/HAWAII TO BECOME MORE FOOD SECURE & SELF SFFICIENT BY CREATING GREATER AWARENESS	Midterm Progress & Final Report	Y	S
AGR 171	B	4,000	O	10,000	6,000	11/19/23	11/19/23	11/18/24	HAWAII TROPICAL FLOWER COUNCIL	2021 HTFC PROGRAM TO INCREASE PRODUCTION OF HAWAII FLORICULTURE THROUGH IMPORT REPLACEMENT	Midterm Progress & Final Report	Y	S
AGR 171	N	32,000	O	40,000	8,000	12/12/22	12/12/22	12/31/24	KOKUA KALIHI VALLEY	ROOTS FOOD HUB MOBILE MARKET (FHMM) - RFP #22-06-MDB	Progress and Final Reports	Y	S

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AGR 171	N	16,000	O	40,000	24,000	3/24/23	3/4/23	3/24/25	UNIVERSITY OF HAWAII	SPECIALTY CROP BLOCK CROP PROGRAM FY 2022 RFP 22 05 MDB SWEET POTATO	Progress and Final Reports	Y	S
AGR 171	N	30,562	O	38,202	7,640	4/1/24	4/1/24	2/28/25	HAWAII AGRICULTURE RESEARCH	SPECIALTY CROP BLOCK GRANT PROGRAM FARM BILL FY 22 RFP 22 05 MDB	Progress and Final Reports	Y	S
AGR 171	N	16,000	O	40,000	24,000	3/25/23	3/25/23	3/31/25	UNIVERSITY OF HAWAII	SPECIALTY CROP BLOCK GRANT PROGRAM FY 2022 RFP 22 05 MDB MELONS	Progress and Final Reports	Y	S
AGR 171	N	25,052	O	31,315	6,263	5/31/23	5/31/23	2/28/25	UNIVERSITY OF HAWAII	SPECIALTY CROP BLOCK GRANT PROGRAM FY 2022 YEAR OF THE LIMU RFP 22 01 MDB	Progress and Final Reports	Y	S
AGR 171	N	13,833	O	17,292	3,458	12/29/22	12/29/22	12/31/24	UNIVERSITY OF HAWAII	DEVELOPING CLONAL ROOTSTOCKS F/HAWAII CACAO GROWERS & RESEARCHERS	Progress and Final Reports	Y	S
AGR 171	N	39,811	O	49,763	9,953	3/29/24	3/29/24	12/1/25	CACAO SERVICES, INC.	PROV ELITE & LOCALLY ADAPTED CACAO VARIETALS TO A FLEDGING CACAO INDUSTRY IN HAWAII SPECIALTY CROP BLOCK GRANT PROGRAM FY23 RFP 23 03 MDB	Progress and Final Reports	Y	S
AGR 171	N	37,460	O	46,825	9,365	3/29/24	3/29/24	3/31/25	HAWAII FLORICULTURE & NURSERY	EDUCATION & ACCESSIBLTY OF HAWAII FLORICULTURE PRODUCTS #RFP 23-03-MDB	Progress and Final Reports	Y	S
AGR 171	N	39,400	O	49,250	9,850	4/1/24	4/1/24	12/31/25	HAWAII AGRICULTURE RESEARCH	ROOTING OF PAPAYA CUTTINGS - RFP #23-03-MDB	Progress and Final Reports	Y	S
AGR 171	N	-	O	36,332	36,332	4/29/24	4/29/24	12/31/25	UNIVERSITY OF HAWAII	IMPROV ORNAMENTAL INDUSTRY OF HAWAII THROUGH EVALUATION & DISTRIBUTION OF TEMPLATE CUT FLOWER CROPS #SCBGP FY23	Progress and Final Reports	Y	S
AGR 171	N	19,843	O	49,607	29,764	4/24/24	4/24/24	3/31/26	UNIVERSITY OF HAWAII	SUPPORTING EXPANSION OF LOCAL COCONUT PRODUCTION BU EVALUATION & DIST OF DWARF COCONUT SEEDLINGS #SCBGP FY23 #RFP 23-03 MDB	Progress and Final Reports	Y	S
AGR 171	N	20,000	O	50,000	30,000	4/24/24	4/24/24	2/28/26	UNIVERSITY OF HAWAII	HAWAII INTERGATED PEST MGMT PROG F/DIAMONDBACK MOTH TO INCREASE SUSTAINABILITY OF CRUCIFERS CROP #SCBGP FY23	Progress and Final Reports	Y	S
AGR 171	N	-	O	49,705	49,705	4/24/24	4/24/24	12/31/25	UNIVERSITY OF HAWAII	INCREASE PROD HAWAII GROWN EUCALYPTUS THROUGH BEST MGMT PRACTICES & OUTREACH #SCBGP FY23 #RFP-23-03-MDB	Progress and Final Reports	Y	S

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AGR 171	N	-	O	50,000	50,000	4/24/24	4/24/24	1/31/26	UNIVERSITY OF HAWAII	IMPRO BANANA& TARO LOCAL PROD W/PLANTLETS/HULIES & EDUCATION PROG SCBGP FY23 #RFP 23-03-MDB	Progress and Final Reports	Y	S
AGR 171	N	160,000	O	200,000	40,000	1/6/23	1/6/23	3/31/25	UNIVERSITY OF HAWAII	INCREASE CONSUMPTION OF HI FRUITS & VEG TO PROMOTE NUTGRITION SCBGP FY21(HR133)AHMAD FRUITS	Progress and Final Reports	Y	S
AGR 171	N	16,527	O	41,318	24,791	4/16/25	4/16/25	3/31/26	HAWAII FLORICULTURE & NURSERY	2025 HFNA ACCESSIBILITY EDUCATION PROIMOTIIONAL SCBGP FY24 RFP 24-01-MD	Progress and Final Reports	Y	S
AGR 171	N	20,123	O	50,307	30,184	4/16/25	4/16/25	3/1/27	HAWAII SEED GROWERS	SEEDING FUTURE COMPLETE CRSE F/HAWAII'S SPECIALTY CROP GROWERS SCBGP FY2 RFP 24-01-MDB	Progress and Final Reports	Y	S
AGR 171	N	27,966	O	69,916	41,949	4/16/25	4/16/25	3/29/27	MALAMA SANCTUARY	IMPROV SUSTAINABLE AWA PRODUCTION IN HAWAII THROUGH TISSUE CULTURE SCBGP FY24 RFP 24-01-MDB	Progress and Final Reports	Y	S
AGR 171	N	14,400	O	36,000	21,600	6/4/25	6/4/25	7/31/26	UNIVERSITY OF HAWAII	EXPAND MKTS SPECIALTY CROPS F/IMPORT SUBSTITUION IN HAWAII SCBGP FY24 RFP 24-01-MDB	Progress and Final Reports	Y	S
AGR 171	N	21,122	O	52,804	31,682	4/26/25	4/26/25	3/1/27	SHAC FOUNDATION	EDU OUTREACH FOR SMALLHOLD GROWERS ON MACADAMIA ORCHARD HLTH SCBGP FY24 RFP-24-01-MDB	Progress and Final Reports	Y	S
AGR 171	N	49,940	O	62,425	12,485	4/13/25	4/13/25	3/30/26	SYNERGISTIC HAWAII	EXPAND MARKETS FOR HAWAII'S SPECIALTY COFFEE GROWERS SCBGP FY24 RFP-24-01-MDB	Progress and Final Reports	Y	S
AGR 171	N	-	O	68,213	68,213	4/16/25	4/16/25	12/31/26	HAWAII AGRICULTURE RESEARCH	DEV OF CACAO PROPOGATION METHDS F/HI FARMERS & VIRUS ELIMINATIONS SCBGP FY24 RFP-24-01-MDB	Progress and Final Reports	Y	S
AGR 171	N	9,400	O	23,500	14,100	9/29/25	9/29/25	3/1/27	KONA COFFEE FARMERS	SCBGP FY24 - KONA COFFEE FARMERS ASSOC #RFP 24-01-MDB	Progress and Final Reports	Y	S
AGR 171	N	-	O	60,466	60,466	9/29/25	9/29/25	3/31/27	UNIVERSITY OF HAWAII	SCBGP - FY24 UH - KEITH KARDASH - SWEET CORN #RFP-24-01-MDB	Progress and Final Reports	Y	S
AGR 171	P	8,000	O	10,000	2,000	1/30/24	1/30/24	6/1/24	BOYS & GIRLS CLUB OF HAWAII	KAPA'A CLUBHSE GARDENING PROGRAM RFP 23-04-MDB	Progress and Final Reports	Y	S
AGR 171	P	8,000	O	10,000	2,000	2/18/24	2/18/24	8/1/24	LAUPAHOEHOE TRAIN MUSEUM	MICRO-GRANTS FOR FOOD SECURITY PROGRAM FY22 - #RFP 23-04-MDB	Progress and Final Reports	Y	S

Department of Agriculture and Biosecurity
Active Contracts as of December 1, 2025

Table 14

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AGR 171	P	8,000	O	10,000	2,000	3/4/24	3/4/24	12/31/24	KAKOO OIWI	MICRO GRANTS FOR FOOD SECURITY PROGRAM FY22 - RFP-23-04-MDB	Progress and Final Reports	Y	S
AGR 171	P	118,490	O	296,224	177,734	6/17/25	6/17/25	5/24/27	FARM LINK HAWAII, INC.	RESILIENT FOOD SYST INFRASTRUCTURE (RFSI) PROGRAM, HI '24 RFA-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	174,349	O	498,141	323,792	7/18/25	7/18/25	5/24/27	AHUALOA FAMILY FARMS LLC	HAWAII RESILIENT FOOD SYST INFRASTRUCTURE FY24 IGP INCREASING AHUALOA FARMS MACADAMIA NUT PROCESSING CAPACITY EFFICIENCY SAFETY & QUALITY	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	124,760	O	311,899	187,139	7/18/25	7/18/25	5/24/27	HAWAII 'ULU PRODUCERS	HAWAII RESILIENT FOOD SYST INFRASTRUCTURE FY24 IGP EXPANDING DEHYDRATIO CAPACITY & CHILL STORAGE INFRASTRUCTURE F/SMALL & MID SIZED PRODUCERS IN	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	167,358	O	478,167	310,809	7/18/25	7/18/25	5/24/27	KUMANO I KE ALA O MAKAWELI	HAWAI'I RESILIENT FOOD SYST INFRASTRUCTURE FY24 IGP WEST KAUAI VALUE ADDE KALO PROD PROJ #RFP 24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	64,039	O	67,410	3,370	8/5/25	8/5/25	8/4/26	AHIKI ACRES LLC	HI RESILIENT FOOD SYST INFRASTRUCTRE (RFSI) PROG FY24 SIMPLIFIED EQUIPM ONLY GRANT RFA-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	45,719	O	48,126	2,406	8/5/25	8/5/25	8/4/26	JYY, INC.	HI RESILIENT FOOD SYST INFRASTRUCTRE (RFSI) PROG FY24 SIMPLIFIED EQUIPM ONLY GRANT RFA-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	34,558	O	36,377	1,819	8/5/25	8/5/25	8/4/26	HAWAIIAN CHIP COMPANY	HI RESILIENT FOOD SYST INFRASTRUCTRE (RFSI) PROG FY24 SIMPLIFIED EQUIPM ONLY GRANT RFA-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	95,000	O	100,000	5,000	8/5/25	8/5/25	8/4/26	KAWAMATA FARMS LLC	HI RESILIENT FOOD SYST INFRASTRUCTRE (RFSI) PROG FY24 SIMPLIFIED EQUIPM ONLY GRANT RFA-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	89,272	O	93,970	4,699	8/5/25	8/5/25	8/4/26	KUPU PLACE AQUAPONICS, LLC	HI RESILIENT FOOD SYST INFRASTRUCTRE (RFSI) PROG FY24 SIMPLIFIED EQUIPM ONLY GRANT RFA-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	31,159	O	77,897	46,738	8/5/25	8/5/25	8/4/26	MAUI BREADFRUIT CO., LLC	HI RESILIENT FOOD SYST INFRASTRUCTRE (RFSI) PROG FY24 SIMPLIFIED EQUIPM ONLY GRANT RFA-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E

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Active Contracts as of December 1, 2025

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AGR 171	P	56,106	O	59,058	2,953	8/5/25	8/5/25	8/4/26	NH PROPERTIES, LLC	HI RESILIENT FOOD SYST INFRASTRUCTRE (RFSI) PROG FY24 SIMPLIFIED EQUIPM ONLY GRANT RFA-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	95,000	O	100,000	5,000	8/5/25	8/5/25	8/4/26	TEAHAWAII.COM	HI RESILIENT FOOD SYST INFRASTRUCTRE (RFSI) PROG FY24 SIMPLIFIED EQUIPM ONLY GRANT RFA-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	92,563	O	97,435	4,872	8/5/25	8/5/25	8/4/26	PURDY CO LTD.	HI RESILIENT FOOD SYST INFRASTRUCTRE (RFSI) PROG FY24 SIMPLIFIED EQUIPM ONLY GRANT RFA-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	40,000	O	100,000	60,000	8/5/25	8/5/25	8/4/26	PUNAHELE PROVISIONS PBC	HI RESILIENT SYST INFRASTRUCTRE (RFSI) PROG FY24 SIMPLIFIED EQUIPM ONLY GRANT RFA-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	86,829	O	91,399	4,570	8/5/25	8/5/25	8/4/26	OCR, INC.	HI RESILIENT FOOD SYST INFRASTRUCTRE(RFSI) PROG FY24 SIMPLIFIED EQUIPM ONLY GRANT RFA-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	33,518	O	83,795	50,277	8/13/25	8/13/25	8/12/26	ALTERNATIVE STRUCTURES	HI RESILIENT FOOD SYST INFRASTRUCTRE (RFSI) PRGM FY24 - SIMPLIFIED EQUIPM ONLY GRANT RFP-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 171	P	38,825	O	40,869	2,043	8/14/25	8/14/25	8/13/26	KAMIYA GOLD INC	HI RESILIENT FOOD SYST INFRASTRUCTRE (RFSI) PRGM FY24 - SIMPLIFIED EQUIPM ONLY GRANT RFP-24-01-ADD	Periodic progress reports, inquiries and site visits	N	E
AGR 192	A	200,000	O	250,000	50,000	5/26/21	5/26/21	5/26/26	SK NATURAL FARMS, LLC	SMALL ANIMAL HARVEST UNIT RFP-21-03-OC	mid-term and annual reports	Y	S
AGR 192	A	60,000	O	90,000	30,000	6/1/22	6/1/22	5/31/23	HAWAII FARM BUREAU FOUNDATION	HAWAII AGRICULTURE INVASIVE SPECIES AWARENESS & SUPPORT LOCAL AGRICULTURAL PRODUCTION- RFP #PI-23-01	mid-term and annual reports	Y	S
AGR 192	A	179,297	O	199,218	19,921	12/12/22	12/12/22	12/31/24	UNIVERSITY OF HAWAII	HDOA INNOVATIVE GRANT 1ST YR 138,202 2ND YR 61,016	mid-term and annual reports	Y	S
AGR 192	A	79,200	O	99,000	19,800	12/12/24	12/12/24	12/11/25	UNIVERSITY OF HAWAII	SUPPORTING ORGANIC & SUSTAINABLE FOOD CROP PRODUCTION	mid-term and annual reports	Y	S
AGR 192	A	39,600	O	99,000	59,400	3/11/25	3/11/25	3/10/26	UNIVERSITY OF HAWAII	GOFARM HAWAII PROPOSAL HDOA 2024	mid-term and annual reports	Y	S
AGR 192	A	15,999	O	19,999	4,000	5/15/25	5/15/25	6/30/26	HAWAII CATTLEMEN'S COUNCIL,	BRINGING EDU ABT BEEF CATTLE PROD 2 THE PUBLIC 2 FOSTER SUPP F/HI'S PANIOLO SPP FY25 RFP-25-02-MDB	mid-term and annual reports	Y	S

Department of Agriculture and Biosecurity
Active Contracts as of December 1, 2025

Table 14

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AGR 192	A	15,400	O	19,250	3,850	5/14/25	5/14/25	5/21/26	HAWAII FLORICULTURE & NURSERY	2025 HFNA EDU & PROMO PRGM SPP FY25 RFP-25-02-MDB	mid-term and annual reports	Y	S
AGR 192	A	12,000	O	15,000	3,000	6/2/25	6/2/25	4/30/26	MALAMA KAUAI	PROMOTING HI FOOD HUBS & PRODUCERS THRU COLLABORATIVE ADVERTS. SPP FY25 RFP-25-02-MDB	mid-term and annual reports	Y	S
AGR 192	A	-	O	15,000	15,000	6/4/25	6/4/25	5/31/26	UNIVERSITY OF HAWAII	THE HI 4-H STATE LIVESTOCK SHOW, 2 BE HELD IN CONJUNCTION W/THE STATE FARM FAIR, IN JULY 2025 SPP FY25 RFP-25-02-MDB	mid-term and annual reports	Y	S
AGR 192	A	15,800	O	19,750	3,950	5/15/26	5/15/26	5/31/26	HAWAII TROPICAL FLOWER COUNCIL	HTFC'S 2025-2026 IMPORT REPLACEMNT PLANTS DISTRIBUTN PRGM SPP FY25 RFP-25-02-MDB	mid-term and annual reports	Y	S
AGR 192	A	12,000	O	15,000	3,000	9/3/25	9/3/25	9/2/26	ACF KONA KOHALA CHEFS	NEW RECIPES OF HI'S ETHNIC HERITGE USING UNDERUTILIZED LOCALLY GRWN & RAISED CROPS SPP FY25 RFP-25-02-MDB	mid-term and annual reports	Y	S
AGR 192	A	75,900	O	126,500	50,600	9/25/25	9/25/25	3/24/27	AGRICULTURAL LEADERSHIP	2025-2026 AGRICULTURAL LEADERSHIP PRGRM	mid-term and annual reports	Y	S
AGR 846	W	160,000	O	227,550	67,550	5/11/21	11/15/21	11/14/26	UNIVERSITY OF HAWAII	PESTICIDE FATE AND LEACHABILITY ASSESSMENT	Quarterly progress reports act as milestones.	Y	S
AGR 846	W	173,791	O	347,581	173,791	9/18/24	10/21/24	10/20/25	UNIVERSITY OF HAWAII	PESTICIDES DRIFT MONITORING STUDY	Quarterly progress reports act as milestones.	Y	S
AGR 846	W	-	O	635,387	635,387	9/12/25	10/21/25	10/20/27	UNIVERSITY OF HAWAII	PESTICIDES DRIFT MONITORING STUDY	Quarterly progress reports act as milestones.	Y	S
AGR 846	W	-	O	135,000	135,000	2/13/25	2/13/25	6/30/26	COUNTY OF HAWAII	COFFEE BERRY BORER & COFFEE LEAF RUST PESTICIDE SUBSIDY PROGRAM	Quarterly reports	Y	S
AGR 846	W	25,000	O	100,000	75,000	5/29/25	6/20/25	6/19/26	UNIVERSITY OF HAWAII	PEST MGMT F/HAWAII'S SPECIALTY CROPS	Quarterly progress reports act as milestones.	Y	S
AGR 846	W	105,695	M	454,265	348,570	7/17/25	8/2/25	8/1/26	ENVIROSERVICES & TRAINING	PROV DISPOSAL SVCS F/UNWANTED PESTICIDES FR: AGRICULTURAL STRUCTURAL LANDSCAPE & OTHR COMMERCIAL PESITICES USERS	Monthly reports that itemizes services	Y	S

Department of Agriculture and Biosecurity
Capital Improvements Program (CIP) Requests

Table 15

<u>Prog ID</u>	<u>Prog ID</u> <u>Priority</u>	<u>Dept- Wide</u> <u>Priority</u>	<u>Senate</u> <u>District</u>	<u>Rep.</u> <u>District</u>	<u>Project Title</u>	<u>MOF</u>	<u>FY26 \$\$\$</u>	<u>FY27 \$\$\$</u>
AGR 131	1	1	14	33	Animal Quarantine Station Repairs and Improvements	C		4,000,000
AGR 141	1	2	18	39	Royal Kunia Agricultural Park, Oahu	C		15,000,000
AGR 141	6	3	23	46	Wahiawa Dam Improvements, Oahu	C		15,000,000
AGR 141	2	3	4	8	Waimea Irrigation System Improvements, Hawaii	C		1,150,000
AGR 141	3	4	23	47	Kahuku Agricultural Park Misceallaneous Improvements, Oahu	C		1,775,000
AGR 141	4	5	0	0	Non-Agricultural and Agricultural Park Improvements, Statewide	C		1,300,000

Department of Agriculture and Biosecurity
CIP Lapses

Table 16

<u>Prog ID</u>	<u>Act/Year of Appropriation</u>	<u>Project Title</u>	<u>MOF</u>	<u>Lapse Amount</u> \$\$\$\$	<u>Reason</u>
AGR 131	164/23	Halawa Animal Industry Station Re-Roof, Oahu	A	\$ 400,000.00	Funds insufficient for project
AGR 192	162/23	Miscellaneous Health, Safety, Code and Other Requirements	A	\$ 405,000.00	Projects completed under budget

Program ID	Sub-Org Code	Name	Objective
AGR 101	GA	Financial Assistance for Agriculture	To promote the agricultural and aquacultural development of the State by stimulating, facilitating, and granting loans and providing related financial services to qualified farmers, new farmers, and qualified aquaculturalists.
AGR 122	EA	Plant Industry Administration	To protect Hawaii's agricultural and horticultural industries, environment, and natural resources, and general public by preventing the introduction and establishment of harmful insects, diseases, illegal non-domestic animals, and other pests; to conduct effective plant pest control activities; and to enhance agricultural productivity and agribusiness development by facilitating export shipments of agricultural and horticultural materials and products.
	EB	Plant Quarantine	To assist the agricultural industry by preventing the entry of plant pests and diseases and non-domestic animal pests.
	EC	Plant Pest Control- Bio Control	To assist the agricultural industry and natural environment by conducting effective plant and pest control activities utilizing bio-control methods.
	ED	Plant Pest Control- Chemical/Mechanical	To assist the agricultural industry and natural environment by conducting effective plant and pest control activities utilizing chemical or mechanical methods..
AGR 131	DB	Rabies Quarantine	To protect animal and public health by preventing the introduction of rabies and animal diseases in imported dogs and cats through import regulation, quarantine, and monitoring animal entries for alien pests and diseases..
AGR 132	DA	Animal Industry Administration	To safeguard the livestock and poultry industries from diseases not present in the State and assist with the development and sustainability of the livestock and poultry industries through the prevention, control, and eradication of livestock diseases which may negatively impact production and marketability, or human health.
	DC	Livestock Disease Control	To prevent, control and eradicate animal diseases and pests that can cause significant economic impact to the State's livestock and poultry industries.
	DD	Veterinary Laboratory	To assist the agricultural industry produce healthy food animals through animal pest and disease diagnosis.
AGR 141	HA	Agricultural Resource Management	To assist in the developing and managing the State's agricultural resources by ensuring adequate and reliable supplies of irrigation water, farmland, infrastructure, and produce processing, livestock slaughter, and agricultural research and processing facilities.
AGR 151	BB	Commodities	To assist the agricultural industry through quality assurance of agricultural commodities.
	BF	Milk Control	To maintain stability in the dairy industry through producer price and quota control.
	BG	Quality Assurance Administration	To assist in the development of the agricultural industry through quality assurance of agricultural commodities, and producer price and quota control to maintain stability within the dairy industry.
AGR 153	CD	Aquaculture Development Program	To develop a sustainable and profitable commercial aquaculture industry by encouraging a diversity of products, improving management practices and technologies, and providing direct assistance with regulations, disease, marketing and new business development.
AGR 171	BA	Agricultural Development Administration	To promote the economic viability of commercial agriculture by sponsoring joint marketing programs for agricultural products with high revenue growth potentials; facilitating the development and expansion of marketing opportunities for targeted agricultural and processed products; and providing timely, accurate, and useful statistics.
	BC	Hawaii Agricultural Statistics	To assist the agricultural industry by collecting and disseminating agricultural production information.
	BD	Market Analysis and News	To assist the agricultural industry by collecting and disseminating agricultural production information.
	BE	Market Development	To assist the agricultural industry through market development and promotion of agricultural products.
AGR 192	AA	General Administration for Agriculture	To enhance the effectiveness and efficiency of the overall program by providing program leadership, staff support services, and other administrative services; and to conserve and protect important agricultural lands in agricultural use, and expand the contribution of diversified agriculture to the State's economy.
AGR 812	CA	Measurement Standards	To minimize inaccuracy or fraudulent practices in commercial measurement, labeling, and pricing to reduce losses for sellers and consumers through a program of licensing, inspecting, testing, calibrating and investigating complaints.
AGR 846	EE	Pesticides	To ensure the effective, efficient, and safe use of pesticides by minimizing their adverse effects on humans and the environment while considering the benefits of their use.

Table 18

Supplemental Budget Briefing

Department of Agriculture and Biosecurity
Administration Package Bills

Table 19

Prog ID	Fiscal Impact	Amount Requested	FTE Requested	Budget for Personnel	Budget for OCE (Other Than Contracts)	Budget for Contracts	Dates of Initiative		Initiative Description	Is This A New Initiative Or An Enhancement To An Existing Initiative/Program	Plan for continuation of initiative (if applicable)
							From	To			
Not Yet Determined											

Department of Agriculture and Biosecurity
Previous Specific Appropriation Bills

Table 20

<u>Prog ID</u>	<u>Appropriating Act</u>	<u>Amount Allotted</u>	<u>FTE Allotted</u>	<u>Budget for Personnel</u>	<u>Budget for OCE (Other Than Contracts)</u>	<u>Budget for Contracts</u>	<u>Dates of Initiative</u>		<u>Initiative Description</u>	<u>Is This A New Initiative Or An Enhancement To An Existing Initiative/Program</u>	<u>Plan for continuation of initiative (if applicable)</u>
							<u>From</u>	<u>To</u>			
AGR141	Act 186 SLH 2025	\$270,000	0.00	0	\$10,000	\$260,000	7/1/25	12/31/26	Non-Potable Water Wells Pilot Program	New	NA
AGR141	Act 218 SLH 2023	\$5,000,000	0.00	0	\$5,000,000	\$0	1/3/25	6/30/26	Fee Simple Int Spillway Wahiawā Irr Sys	New	NA
AGR141	Act 218 SLH 2023	\$21,000,000	0.00	0	\$0	\$21,000,000	6/12/25	6/30/29	Repair & Expand Spillway Wahiawā Irrg Sys	New	NA
AGR171	Act 304 SLH 2022	\$300,000	0.00	0	\$500	\$269,500	7/1/22	6/30/26	Farm Apprentice Mentorship Program (FAMP)	New	NA

Positions that are being paid higher than the salaries authorized as of November 30, 2025

<u>Prog ID</u>	<u>Sub- Org</u>	<u>Position Number</u>	<u>Position Title</u>	<u>Exempt (Y/N)</u>	<u>SR Level</u>	<u>BU Code</u>	<u>T/P</u>	<u>MOF</u>	<u>FTE</u>	<u>Budgeted Amount</u>	<u>Actual Salary Last Paid</u>	<u>Occupied by 89-Day Hire (Y/N)</u>	<u>Legal Authority for Salary Increase</u>	<u>Source of Funding (cost element and ProgID)</u>	<u>Date of Approval</u>	<u>Person who approved salary increase</u>
AGR122	EB		GIS Program Manager	Y	SRNA	13	T	A	1.00	\$109,308	\$116,364	N	DHRD P&P 201.002	A AGR 122	10/10/2025	Board Chairpers on

Department of Agriculture and Biosecurity
Positions that are authorized to telework as of November 30, 2025

Table 22

<u>Prog ID</u>	<u>Sub-Org</u>	<u>Position Number</u>	<u>Position Title</u>	<u>Exempt (Y/N)</u>	<u>SR Level</u>	<u>BU Code</u>	<u>T/P</u>	<u>MOF</u>	<u>FTE</u>	<u>Budgeted Amount</u>	<u>Actual Salary Last Paid</u>	<u>Occupied by 89-Day Hire (Y/N)</u>	<u>Telework Designation (full time or hybrid)</u>	<u>Number of Telework Days a Week</u>	<u>Reason for Telework</u>	<u>Process to Evaluate Job Performance</u>
AGR171	BD	13199	Research Statistician III	N	SR20	13 P	A		1.00	\$60,660	\$72,516	N	Hybrid	2 days	Long commute between home and office	Reports submitted

Department of Agriculture and Biosecurity
Work-related travel as of November 30, 2025

Table 23

<u>Prog ID</u>	<u>Sub-Org</u>	<u>Position Number</u>	<u>Job Title</u>	<u>Start Date</u>	<u>End Date</u>	<u>Justification for Travel</u>	<u>Full Agenda Y/N?</u>	<u>Meetings Attended Y/N?</u>	<u>Training Sessions Y/N?</u>	<u>Total Cost of Trip</u>	<u>Cost Paid by State or Other Entity?</u>	<u>Final Report of Travel Y/N?</u>
AGR 122	EB	124204	Plant pathologist	1/27/25	1/27/25	Provide training for plant parasitic nematode identification in Hilo	N	N	Y	\$152.83	State	Y
AGR 122	EB	124204	Plant pathologist	2/23/25	2/28/25	Attend 2025 USDA APHIS PPQ Morphological Fundal Identification in Maryland	Y	Y	Y	\$2,531.34		Y
										\$491.25	State	
										\$2,040.09	Other	
AGR 122	EB	124204	Plant pathologist	3/8/25	3/12/25	Attend 2025 PPDL Phytoplasma Molecular Detection in Maryland	Y	Y	Y	\$2,278.52		Y
										\$778.52	State	
										\$1,500.00	Other	
AGR 122	EB	124204	Plant pathologist	3/24/25	3/28/25	Attend 2025 Joint Meeting of APS Pacific Div & Conf on Soilborned Plant Pathogens in CA	Y	Y	Y	\$1,846.64	State	Y
AGR 122	EB	124204	Plant pathologist	4/6/25	4/10/25	Attend 2025 WPDN Regional in-person meeting n Idaho	Y	Y	Y	\$1,985.25	State	Y
AGR 122	EA	4688	Administrator	5/3/25	5/9/25	Attend 2025 106th Western Plant Board Annual Conf in Wyoming	Y	Y	Y	\$3,388.79	State	Y
AGR 122	EA	4688	Administrator	5/31/25	5/31/25	Attend Ka'u Coffee Festival in Hilo	N	N	N	\$261.17	State	Y
AGR 122	EA	4688	Administrator	6/2/25	6/2/25	Travel to Maui to meet Plant Industry staff	N	N	N	\$250.81	State	Y
AGR 122	EB	124204	Plant pathologist	7/11/25	7/17/25	Attend 64th Annual Meeting of Society of Nematologist in British Columbia	Y	Y	Y	\$3,929.45	State	Y
AGR 122	EA	4688	Administrator	7/17/25	7/19/25	Attend 30th Annual Trade Show & 16th Cupping Competition in Kona	Y	Y	Y	\$1,338.81	State	Y
AGR 122	EA	4688	Administrator	8/12/25	8/13/25	Attend CTAHR Invasive Meeting in Maui	Y	Y	Y	\$685.29	State	Y
AGR 122	EB	124204	Plant pathologist	8/12/25	8/13/25	Attend CTAHR Invasive Meeting in Maui	Y	Y	Y	\$677.87	State	Y
AGR 122	EB	124204	Plant pathologist	8/18/25	8/18/25	Travel to Kauai conduct survey on Monstera rust	N	N	N	\$253.09	State	Y

Department of Agriculture and Biosecurity
Work-related travel as of November 30, 2025

Table 23

AGR 122	EA	4688 Administrator	8/29/25	9/5/25	Attend DAB Strategic Planning Site in New Zealand	Y	Y	Y	\$3,031.34	State	Y
AGR 122	EA	4688 Administrator	10/5/25	10/10/25	Attend 2025 NPB Safeguarding Meeting in Maryland	Y	Y	Y	\$2,477.52	State	Y
									\$161.38	State	
									\$2,316.14	Other	
AGR 122	EA	4688 Administrator	10/24/25	10/25/25	Attend 35th Annual Hawaii Tropical Fruit Growers in Hilo	Y	Y	Y	\$750.23	State	Y
AGR 122	EA	4688 Administrator	11/6/25	11/6/25	Attend Senate Committee WAM site visit in Hilo	Y	Y	Y	\$229.01	State	Y
AGR 122	EB	2856 Inspector III	1/17/25	1/19/25	MME to Kauai for operation assistance	N	N	N	\$1,116.95	State	Y
AGR 122	EB	42006 Inspector III	2/11/25	2/13/25	JNL to Kauai for LFA Survey	N	N	N	\$1,138.77	State	Y
AGR 122	EB	43155 Ento Specialist	2/11/25	2/13/25	CK3 to Kauai for LFA Survey	N	N	N	\$1,228.98	State	Y
AGR 122	EB	12115 Outreach Specialist	2/11/25	2/13/25	KD to Kauai for LFA Survey	N	N	N	\$917.77	State	Y
AGR 122	EB	12115 Inspector III	2/11/25	2/13/25	TL2 to Kauai for LFA Survey	N	N	N	\$500.14	State	Y
AGR 122	EB	8684 Inspector II	2/11/25	2/13/25	REW to Kauai for LFA Survey	N	N	N	\$857.98	State	Y
AGR 122	EB	118150 Inspector II	2/11/25	2/13/25	JAL to Kauai for LFA Survey	N	N	N	\$857.98	State	Y
AGR 122	EB	43156 Micro Specialist	2/11/25	2/13/25	WLG to Kauai for LFA Survey	N	N	N	\$906.68	State	Y
AGR 122	EB	12569 Supervisor	2/11/25	2/13/25	DY to Kauai for LFA Survey	N	N	N	\$1,247.53	State	Y
AGR 122	EB	118146 Inspector III	2/11/25	2/12/25	DAN to Kauai for LFA Survey	N	N	N	\$735.64	State	Y
AGR 122	EB	118182 Technician	2/11/25	2/12/25	BT to Kauai for LFA Survey	N	N	N	\$500.14	State	Y
AGR 122	EB	118166 Biotechnology Specialist	1/14/25	1/14/25	TS Kauai-Conduct field inspections	N	N	N	\$267.70	State	Y
AGR 122	EB	118166 Biotechnology Specialist	1/21/25	1/21/25	TS Oahu-Conduct field inspections	N	N	N	\$298.19	State	Y
AGR 122	EB	118145 Inspector III	3/4/25	3/4/25	JAM to Kauai for site inspection	N	N	N	\$268.08	State	Y
AGR 122	EB	8684 Inspector II	3/25/25	3/25/25	REW to Kauai for operations orientation	N	N	N	\$110.09	State	Y
AGR 122	EB	42006 Acting Ento Specialist	2/3/25	2/3/25	JNL to Kauai for site inspection	N	N	N	\$148.08	State	Y
AGR 122	EB	118166 Biotechnology Specialist	2/11/25	2/11/25	TS to Kauai for compliance	N	N	N	\$268.30	State	Y
AGR 122	EB	118166 Biotechnology Specialist	2/19/25	2/19/25	TS to Oahu for seed crop certification	N	N	N	\$208.70	State	Y
AGR 122	EB	118171 Inspector III	3/11/25	3/11/25	DK Frontier Meeting/Invasive species Meeting	N	Y	Y	\$214.83	State	Y
AGR 122	EB	38798 Inspector III	3/1/25	3/7/25	JTK to Kauai asst. w/ inspections	N	N	N	\$2,895.45	State	Y
AGR 122	EB	11377 Inspector III	3/11/25	3/11/25	KW to Kauai asst. w/inspections	N	N	N	\$157.59	State	Y

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Table 23

AGR 122	EB	118171	Inspector IV	3/26/25	3/29/25	DK PQ Snake Training - Night	Y	N	Y	\$1,259.72	State	Y
AGR 122	EB	118173	Inspector II	3/26/25	3/29/25	SC PQ Snake Training - Night	Y	N	Y	\$892.25	State	Y
AGR 122	EB	11377	Inspector III	3/31/25	3/31/25	KW to Kauai asst. w/inspections	N	N	N	\$176.59	State	Y
AGR 122	EB	118149	Inspector III	4/1/25	4/1/25	SKP to Kauai asst. w/ inspections	N	N	N	\$148.08	State	Y
AGR 122	EB	118149	Inspector III	5/5/25	5/5/25	SKP to Kauai asst. w/ inspections	N	N	N	\$167.09	State	Y
AGR 122	EB	118182	Technician	4/16/25	4/16/25	BT to Kauai for LFA Survey	N	N	N	\$138.58	State	Y
AGR 122	EB	8684	Inspector II	4/16/25	4/16/25	REW to Kauai for LFA Survey	N	N	N	\$138.58	State	Y
AGR 122	EB	118146	Inspector III	4/16/25	4/16/25	DAN to Kauai for LFA Survey/Demonstration	N	N	N	\$130.50	State	Y
AGR 122	EB	8684	Inspector II	4/27/25	4/28/25	REW to Kona for Merrie Monarch	N	N	N	\$720.10	State	Y
AGR 122	EB	118149	Inspector III	4/27/25	4/27/25	SKP to Kona for Merrie Monarch	N	N	N	\$253.44	State	Y
AGR 122	EB	118138	Inspector II	4/28/25	4/28/25	AGM to Kona for Merrie Monarch	N	N	N	\$234.09	State	Y
AGR 122	EB	N/A	Professor	5/20/25	5/23/25	Daniel J. to Kona for CRB treatment	N	N	N	\$2,239.55	State	Y
AGR 122	EB	N/A	Student	5/20/25	5/23/25	Mohsen P. to Kona for CRB treatment	N	N	N	\$499.69	State	Y
AGR 122	EB	118149	Inspector III	5/14/25	5/14/25	SKP to Kauai asst. w/ inspections	N	N	N	\$290.59	State	Y
AGR 122	EB	118139	Inspector III	4/21/25	4/25/25	CSN Guam Snake Training	Y	N	Y	\$3,855.13	State	Y
AGR 122	EB	120746	Inspector III	4/21/25	4/25/25	MS Guam Snake Training	Y	N	Y	\$3,754.52	State	Y
AGR 122	EB	18697	Inspector II	4/21/25	4/25/25	ISK Guam Snake Training	Y	N	Y	\$3,837.83	State	Y
AGR 122	EB	19418	Inspector II	4/21/25	4/25/25	KUR Guam Snake Training	Y	N	Y	\$3,715.13	State	Y
AGR 122	EB	118173	Inspector II	4/21/25	4/25/25	SC Guam Snake Training	Y	N	Y	\$3,895.13	State	Y
AGR 122	EB	118184	Technician III	4/13/25	4/25/25	GLG Guam Snake Training	Y	N	Y	\$8,662.75	State	Y
AGR 122	EB	118171	Inspector IV	4/13/25	4/25/25	DK Guam Snake Training	Y	N	Y	\$9,250.66	State	Y
AGR 122	EB	43156	Inspector IV	4/13/25	4/25/25	WLG Guam Snake Trainor	Y	N	Y	\$8,662.75	State	Y
AGR 122	EB	36652	Inspector IV	5/30/25	5/30/25	HK to Hnl for awards ceremony	N	N	N	\$252.59	State	Y
AGR 122	EB	18696	Inspector III	5/30/25	5/30/25	NH to Hnl for awards ceremony	N	N	N	\$262.09	State	Y
AGR 122	EB	26227	Inspector	5/17/25	5/17/25	JF to Molokai for outreach	N	N	N	\$639.50	State	Y
AGR 122	EB	118166	Biotechnology Specialist	6/17/25	6/17/25	TS to Oahu for inspections	N	N	N	\$300.85	State	Y
AGR 122	EB	118154		6/24/25	6/24/25	JK to Lihue for AOA & RA	N	N	N	\$215.08	State	Y
AGR 122	EB	118167	Outreach Specialist	6/24/25	6/24/25	KD to Lihue for AOA & RA	N	N	N	\$244.83	State	Y
AGR 122	EB	38798	Inspector III	6/24/25	6/24/25	JTK to Lihue for AOA & RA	N	N	N	\$182.58	State	Y
AGR 122	EB	43156	Micro Specialist	6/24/25	6/24/25	WLG to Lihue for AOA & RA	N	N	N	\$163.58	State	Y
AGR 122	EB	118182	Technician	6/24/25	6/24/25	BT to Lihue for AOA & RA	N	N	N	\$157.58	State	Y
AGR 122	EB	2856	Inspector III	6/24/25	6/24/25	MME to Lihue for AOA & RA	N	N	N	\$174.10	State	Y

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AGR 122	EB	43156 Micro Specialist	6/19/25	6/19/25	WLG to Lanai for CRB Inspection	N	N	N	\$298.00	State	Y
AGR 122	EB	43155 Ento Specialist	6/19/25	6/19/25	CK3 to Lanai for CRB Inspection	N	N	N	\$534.00	State	Y
AGR 122	EB	12569 Port Sup.	7/27/25	7/31/25	DY to Honolulu for NPB	Y	N	Y	\$2,369.93	State	Y
AGR 122	EB	118149 Inspector III	8/12/25	8/13/25	SKP to Maui for Invasive Pest Mtg.	N	Y	Y	\$780.61	State	Y
AGR 122	EB	118145 Inspector III	8/12/25	8/13/25	JAM to Maui for Invasive Pest Mtg.	N	Y	Y	\$549.40	State	Y
AGR 122	EB	118171 Inspector IV	7/3/25	7/4/25	DK to Oahu Mtg/ & HIGICC Dudek Mtg	N	Y	N	\$551.10	State	Y
AGR 122	EB	11377 Inspector III	8/21/25	8/22/25	KW to Kauai asst. w/ inspections	N	N	N	\$772.07	State	Y
AGR 122	EB	12569 Inspector IV	7/9/25	7/9/25	DY to Kauai to certify 2 nurseries	N	N	N	\$413.91	State	Y
AGR 122	EB	18171 Inspector IV	7/13/25	7/18/25	DK 2025 ESRI Conference	Y	Y	Y	\$2,398.10	State	Y
AGR 122	EB	43156 Inspector IV	7/13/25	7/18/25	WLG 2025 ESRI Conference	Y	Y	Y	\$2,242.10	State	Y
AGR 122	EB	42006 Inspector III	7/13/25	7/18/25	JNL 2025 ESRI Conference	Y	Y	Y	\$2,932.85	State	Y
AGR 122	EB	118145 Inspector III	7/13/25	7/18/25	JAM 2025 ESRI Conference	Y	Y	Y	\$2,095.91	State	Y
AGR 122	EB	119182 Technician	7/13/25	7/18/25	BT 2025 ESRI Conference	Y	Y	Y	\$2,142.52	State	Y
AGR 122	EB	118145 Inspector III	7/30/25	7/30/25	JAM to Kona for site inspection	N	N	N	\$163.18	State	Y
AGR 122	EB	44480 Inspector III	6/19/25	6/20/25	ML to Lanai for CRB Inspection	N	N	N	\$268.56	State	Y
AGR 122	EB	26227 Inspector III	6/19/25	6/20/25	JF to Lanai for CRB Inspection	N	N	N	\$728.26	State	Y
AGR 122	EB	43155 Ento Specialist	8/18/25	8/19/25	CK3 to Kauai for LFA Survey	N	N	N	\$809.86	State	Y
AGR 122	EB	12115 Outreach Specialist	8/18/25	8/19/25	KD to Kauai for LFA Survey	N	N	N	\$609.36	State	Y
AGR 122	EB	43156 Micro Specialist	8/18/25	8/19/25	WLG to Kauai for LFA Survey	N	N	N	\$621.77	State	Y
AGR 122	EB	42006 Inspector III	8/18/25	8/22/25	JNL to Kauai for LFA Survey	N	N	N	\$2,118.57	State	Y
AGR 122	EB	118150 Inspector II	8/18/25	8/22/25	JAL to Kauai for LFA Survey	N	N	N	\$1,993.22	State	Y
AGR 122	EB	125704 Inspector III	8/18/25	8/22/25	KZ to Kauai for LFA Survey	N	N	N	\$1,607.83	State	Y
AGR 122	EB	125707 Inspector III	8/18/25	8/22/25	BL to Kauai for LFA Survey	N	N	N	\$1,693.28	State	Y
AGR 122	EB	118164 Aquatic Specialist	8/14/25	8/14/25	TTY to Kauai for site inspection	N	N	N	\$302.95	State	Y
AGR 122	EB	44480 Inspector III	8/21/25	8/22/25	ML to Lanai for CRB	N	N	N	\$730.20	State	Y
AGR 122	EB	11377 Inspector III	10/17/25	10/19/25	KW to Kauai asst. w/ inspections	N	N	N	\$1,507.35	State	Y
AGR 122	EB	11982 Technician	8/6/25	8/6/25	BT, CRB/Build Podium Kauai	N	N	N	\$157.58	State	Y
AGR 122	EB	118146 Inspector III	8/6/25	8/6/25	DAN, CRB/Build Podium Kauai	N	N	N	\$157.50	State	Y
AGR 122	EB	43156 Micro Specialist	9/15/25	9/15/25	WLG to Lihue for AOA renewal	N	N	N	\$199.59	State	Y

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AGR 122	EB	118164 Aquatic Specialist	9/8/25	9/12/25 TTY Guam Snake Training	Y	N	Y	\$3,108.94	State	Y
AGR 122	EB	18696 Inspector III	9/8/25	9/12/25 NH Guam Snake Training	Y	N	Y	\$3,349.04	State	Y
AGR 122	EB	38798 Inspector III	9/8/25	9/12/25 JTK Guam Snake Training	Y	N	Y	\$3,852.54	State	Y
AGR 122	EB	118143 Inspector III	9/8/25	9/12/25 SAC Guam Snake Training	Y	N	Y	\$3,852.54	State	Y
AGR 122	EB	2856 Inspector III	9/8/25	9/12/25 MME Guam Snake Training	Y	N	Y	\$3,852.54	State	Y
AGR 122	EB	43155 Compliance Officer	8/29/25	9/5/25 CK3 New Zealand Biosecurity Strategic Planning and Site Visits	Y	Y	Y	\$2,726.74	State	Y
AGR 122	EB	5974 PQ Branch Mgr.	8/29/25	9/5/25 CK3 New Zealand Biosecurity Strategic Planning and Site Visits	Y	Y	Y	\$2,726.74	State	Y
AGR 122	EB	118184 Technical III	8/31/25	9/14/25 GLG Guam Snake Trainors	Y	Y	Y	\$6,641.69	State	Y
AGR 122	EB	43156 Micro Specialist	8/31/25	9/14/25 WLG Guam Snake Trainor	Y	Y	Y	\$6,219.97	State	Y
AGR 122	EB	118171 Inspector V	8/31/25	9/14/25 DK Guam Snake Trainor	Y	Y	Y	\$6,023.07	State	Y
AGR 122	EB	44534 Inspector III	10/9/25	10/9/25 PJT to Kona for CRB	N	N	N	\$172.68	State	Y
AGR 122	EB	43155 Compliance Officer	10/14/25	10/14/25 CK3 Interview Panel to Hilo	E	N	N	\$297.50	State	Y
AGR 122	EB	118167 Educ. Spec.	10/14/25	10/14/25 KD Interview Panel to Hilo	N	N	N	\$221.00	State	Y
AGR 122	EB	N/A Inspector	10/14/25	10/14/25 C.Young Interview Panel to Hilo	N	N	N	\$221.00	State	Y
AGR 122	EB	43155 Compliance Officer	10/17/25	10/23/25 CK3 to Virginia to attend COSDA convent.	Y	Y	Y	\$2,040.80	State	Y
AGR 122	EB	5974 PQ Branch Mgr.	10/17/25	10/23/25 JH to Virginia to attend COSDA convention	Y	Y	Y	\$1,917.90	State	Y
AGR 122	EB	118167 Educ. Spec.	10/17/25	10/23/25 KD to Virginia to attend COSDA convention	Y	Y	Y	\$1,427.95	State	Y
AGR 122	EB	118164 Aquatic Specialist	11/18/25	11/18/25 TTY to Kona for site inspection	N	N	N	\$561.08	State	Y
AGR 122	EB	11377 Inspector III	11/20/25	11/20/25 KW to Kona for CRB	N	N	N	\$296.61	State	Y
AGR 122	EB	119182 Technician	11/20/25	11/20/25 BT to Kona for CRB	N	N	N	\$186.11	State	Y
AGR 122	EB	118146 Inspector III	11/20/25	11/20/25 DAN to Kona for CRB	N	N	N	\$217.85	State	Y
AGR 122	EB	8684 Inspector III	11/20/25	11/20/25 REW to Kona for CRB	N	N	N	\$213.11	State	Y
AGR 122	EB	38797 Inspector III	11/20/25	11/20/25 SXC to Kona for CRB	N	N	N	\$213.11	State	Y
AGR 122	EB	44534 Inspector III	11/20/25	11/20/25 PJT to Kona for CRB	N	N	N	\$213.11	State	Y
AGR122	ED	44095 Noxious Weed Specialist IV	1/21/25	1/23/25 Travel to Kona and Hilo to control the CRB spread at Waikoloa	N	N	N	\$722.65	State	Y
AGR122	ED	122275 Noxious Weed Specialist IV	1/21/25	1/23/25 Travel to Kona and Hilo to control the CRB spread at Waikoloa	N	N	N	\$748.93	State	Y

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Table 23

AGR122	ED	44095 Noxious Weed Specialist IV	2/5/25	2/6/25	Travel to HNL to assist Little Fire Ant response on Oahu for the Punahou Carnival annual plant sale.	N	N	N	\$445.45	State	Y
AGR122	ED	7018 Noxious Weed Specialist VI	2/5/25	2/6/25	Travel to HNL to conduct Little Fire Ants control work treatment prior to Punahou School's annual plant sale.	N	N	N	\$680.00	State	Y
AGR122	ED	122275 Noxious Weed Specialist IV	2/5/25	2/6/25	Travel to HNL to assist Little Fire Ant response on Oahu for the Punahou Carnival annual plant sale.	N	N	N	\$498.32	State	Y
AGR122	ED	7018 Noxious Weed Specialist VI	3/11/25	3/12/25	Travel to HNL in person meeting with HDOA Chairperson for Administrators and Managers and Meeting with PI-PPC staff. Also to conduct Administrative Asst. II interview	N	Y	N	\$540.30	State	Y
AGR122	EC	2854 Entomologist IV	3/24/25	3/25/25	Travel to Lihue for biocontrol augmentation (nettle) and RIFA survey	N	N	N	\$702.57	State	Y
AGR122	ED	7018 Noxious Weed Specialist VI	4/22/25	4/22/25	Travel to HNL in person meeting with HDOA Chairperson for Administrators and newly hired PI Administrator to discuss Act 231. Also to attend HISC meeting at PQ.	N	Y	N	\$655.54	State	Y
AGR122	EC	118897 PCT III	4/16/25	4/16/25	Travel to Maui for biocontrol augmentation (nettle) + RIFA survey	N	N	N	\$265.99	State	Y
AGR122	EC	2854 Entomologist IV	4/16/25	4/16/25	Travel to Maui for biocontrol augmentation (nettle) + RIFA survey	N	N	N	\$327.61	State	Y
AGR122	ED	7018 Noxious Weed Specialist VI	5/1/25	5/1/25	Travel to HNL to conduct interview for Entomologist position.	N	N	N	\$257.84	State	Y
AGR122	EC	2888 Entomologist IV	5/1/25	5/1/25	Travel to HNL to conduct interview for Entomologist position.	N	N	N	\$184.34	State	Y

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Table 23

AGR122	ED	7018 Noxious Weed Specialist VI	5/14/25	5/14/25	Travel to HNL to conduct interview for Environmental Health Specialist position	N	N	N	\$234.00	State	Y
AGR122	EC	2854 Entomologist IV	5/15/25	5/15/25	Travel to Kona for RIFA Survey	N	N	N	\$96.50	State	Y
AGR 122	EC	118897 PCT III	5/15/25	5/15/25	Travel to Hilo for RIFA Survey	N	N	N	\$292.71	State	Y
AGR 122	ED	7018 Noxious Weed Specialist VI	5/30/25	5/30/25	Travel to HNL to attend the 2025 HDOA Incentive & Service Awards Ceremony.	N	N	N	\$309.59	State	Y
AGR 122	EC	2842 Agricultural Pest Control Manager	6/2/25	6/2/25	Travel to Maui to meet w/ PI staff, including the new Entomologist.	N	Y	N	\$316.39	State	Y
AGR122	EC	123142 Entomologist IV	6/28/25	7/6/25	Travel to Tour, France to attend the 8th IEIC	Y	N	N	\$5,720.68	State	Y
AGR122	ED	7018 Noxious Weed Specialist VI	7/18/25	7/19/25	Travel to Kona to attend the 30th Annual Conference, Trade Show & 16th Annual Statewide Cupping Competition	N	N	N	\$746.35	State	Y
AGR122	EC	118897 PCT III	7/23/25	7/25/25	Travel to Big Island to attend training for two-lined spittlebug, LFA, CRB (incl visit of breeding ground)	N	N	Y	\$834.28	State	Y
AGR122	EC	2854 Entomologist IV	7/23/25	7/25/25	Travel to Bigisland to attend training for two-lined spittlebug, LFA, CRB (incl vist of breeding ground)	N	N	Y	\$966.10	State	Y
AGR122	EC	12462 Entomologist III	7/23/25	7/25/25	Travel to Big Island to attend training for two-lined spittlebug, LFA, CRB (incl visit of breeding ground)	N	N	Y	\$636.03	State	Y
AGR122	ED	122275 Noxious Weed Specialist IV	7/25/25	7/25/25	Travel to Hilo to attend the Nutrien Ag Solutions Educational Seminar.	Y	N	N	\$246.40	State	Y
AGR122	ED	44095 Noxious Weed Specialist IV	7/25/25	7/25/25	Travel to Hilo to attend the Nutrien Ag Solutions Educational Seminar	Y	N	N	\$272.40	State	Y
AGR122	EC	118897 PCT III	8/19/25	8/20/25	Travel to Kauai to attend the PQ team for LFA Survey at Kauai Nursery and Landscaping	N	N	N	\$691.70	State	Y
AGR122	EC	2854 Entomologist IV	8/19/25	8/20/25	Travel to Kauai to attend the PQ team for LFA Survey at Kauai Nursery and Landscaping	N	N	N	\$755.30	State	Y

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Table 23

AGR122	ED	122275	Noxious Weed Specialist IV	8/21/25	8/22/25	Travel to Lanai to provide outreach and witness the destruction of plant material infested with CRB at the Pulama Lanai's Biosecurity Facility	N	N	N	\$448.50	State	Y
AGR122	ED	44095	Noxious Weed Specialist IV	9/8/25	9/12/25	Travel to Hilo to assist w/ drone treatment of coconut palm crowns in an attempt to eradicate rhinoceros beetle on Hawaiian Island	N	N	N	\$1,676.50	State	Y
AGR122	EC	12462	Entomologist III	9/15/25	9/19/25	Travel to HNL for training on section operations and training sessions to be conducted by CRB response.	N	N	Y	\$956.44	State	Y
AGR122	ED	7018	Noxious Weed Specialist VI	9/22/25	9/22/25	Travel to HNL to attend the Governor's Award Ceremony	N	N	N	\$224.58	State	Y
AGR122	ED	122275	Noxious Weed Specialist IV	9/22/25	9/22/25	Travel to HNL to attend the Governor's Award Ceremony	N	N	N	\$248.58	State	Y
AGR122	ED	44095	Noxious Weed Specialist IV	9/22/25	9/22/25	Travel to HNL to attend the Governor's Award Ceremony	N	N	N	\$148.08	State	Y
AGR122	EC	2842	Agricultural Pest Control Manager	11/6/25	11/6/25	Travel to Hilo to attend the Senate Committee on Ways and Means	N	N	N	\$325.00	State	Y
AGR122	ED	44095	Noxious Weed Specialist IV	11/19/25	11/21/25	Travel to Hawaii Island for CRB treatment	N	N	N	\$933.00	State	Y
AGR122	ED	122275	Noxious Weed Specialist IV	11/19/25	11/21/25	Travel to Hawaii Island for CRB treatment	N	N	N	\$940.00	State	Y
AGR 132	DA	2821	ADM	11/14/25	11/14/25	Attend Hawaii's Cattlemen's Council	Y	Y	Y	\$272.85	State	Y
AGR 132	DA	2821	ADM	10/29/25	11/9/25	Attend 2025 USAHA/AAVLD Annual Mtg	Y	Y	Y	\$4,804.74	State	Y
AGR 132	DC	2830	MICROIV	3/10/25	3/14/25	Attend National Poultry Improvement Plan	Y	Y	Y	\$2,765.74	State	Y
AGR 132	DC	2828	VMO II	10/23/25	10/23/25	TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828	VMO II	10/27/25	10/27/25	TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828	VMO II	10/30/25	10/30/25	TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828	VMO II	1/14/25	1/14/25	Bovine Health Surveillance	N	N	N	\$268.00	State	Y

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AGR 132	DC	2828 VMO II	2/21/25	2/21/25 TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828 VMO II	2/24/25	2/24/25 TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828 VMO II	2/27/25	2/27/25 TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828 VMO II	3/3/25	3/3/25 Respirator Fit testing	N	Y	N	\$155.20	State	Y
AGR 132	DC	2828 VMO II	3/4/25	3/4/25 TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828 VMO II	3/7/25	3/7/25 TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828 VMO II	3/10/25	3/10/25 TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828 VMO II	6/12/25	6/12/25 TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828 VMO II	6/9/25	6/9/25 TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828 VMO II	7/22/25	7/22/25 TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828 VMO II	10/14/25	10/14/25 TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828 VMO II	10/17/25	10/17/25 TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	2828 VMO II	10/20/25	10/20/25 TB Testing	N	N	N	\$268.00	State	Y
AGR 132	DC	5973 VMO II	11/13/25	11/15/25 Attend Hawaii's Cattlemen's Council	Y	Y	Y	\$882.56	State	Y
AGR 132	DC	5973 VMO II	3/3/25	3/3/25 Respirator Fit testing	N	N	N	\$200.59	State	Y
AGR 132	DC	9687 LI III	9/8/25	9/8/25 Conduct clinic inspection for direct release	N	N	N	\$302.50	State	Y
AGR 132	DC	32706 VMO III	10/2/25	10/2/25 Necropsy a brucella suspect bovine	N	N	N	\$281.00	State	Y
AGR 132	DC	32706 VMO III	7/16/25	7/16/25 Avian Influenza outreach	N	N	N	\$207.04	State	Y
AGR 132	DC	32706 VMO III	5/21/25	5/21/25 Avian Influenza outreach	N	N	N	\$202.61	State	Y
AGR 132	DC	32706 VMO III	5/23/25	5/23/25 Avian Influenza outreach	N	N	N	\$358.33	State	Y
AGR 132	DC	32706 VMO III	8/5/25	8/5/25 Swine Testing Exercise	N	N	N	\$171.99	State	Y
AGR 132	DC	38211 VMO III	3/4/25	3/11/25 Aquaculture 2025 Conference	Y	Y	Y	\$3,348.25	State	Y
AGR 132	DC	38211 VMO III	6/19/25	6/19/25 SHCP site visit and sample collection	N	N	N	\$259.08	State	Y
AGR 132	DC	38211 VMO III	6/22/25	6/27/25 Aquatic Foreign & Emerging Diseases Trng	Y	Y	Y	\$2,352.81	State	Y
AGR 132	DC	38211 VMO III	8/14/25	8/14/25 SHCP site visit and sample collection	N	N	N	\$306.61	State	Y
AGR 132	DC	38211 VMO III	9/10/25	9/10/25 SHCP site visit and sample collection	N	N	N	\$240.08	State	Y
AGR 132	DC	38211 VMO III	9/18/25	9/18/25 SHCP site visit and sample collection	N	N	N	\$249.58	State	Y
AGR 132	DC	38211 VMO III	9/24/25	9/24/25 SHCP site visit and sample collection	N	N	N	\$263.84	State	Y
AGR 132	DC	38211 VMO III	10/2/25	10/2/25 SHCP site visit and sample collection	N	N	N	\$278.09	State	Y
AGR 132	DC	38211 VMO III	10/12/25	10/12/25 SHCP site visit and sample collection	N	N	N	\$273.00	State	Y
AGR 132	DC	122283 LI II	3/17/25	3/22/25 Swine Surveillance Testing	N	N	N	\$651.44	State	Y
AGR 132	DC	122283 LI II	5/21/25	5/21/25 Avian Influenza outreach	N	N	N	\$162.34	State	Y

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AGR 132	DC	122283 LI II	7/16/25	7/16/25 Avian Influenza outreach	N	N	N	\$180.04	State	Y
AGR 132	DC	122283 LI II	8/5/25	8/5/25 Swine Testing Exercise	N	N	N	\$171.99	State	Y
AGR 132	DC	38211 VMO III	2/6/25	2/6/25 SHCP site visit and sample collection	N	N	N	\$268.61	State	Y
AGR 132	DC	38211 VMO III	2/13/25	2/13/25 SHCP site visit and sample collection	N	N	N	\$259.08	State	Y
AGR 132	DC	38211 VMO III	2/27/25	2/27/25 SHCP site visit and sample collection	N	N	N	\$278.09	State	Y
AGR 132	DC	38211 VMO III	3/13/25	3/13/25 SHCP site visit and sample collection	N	N	N	\$287.59	State	Y
AGR 132	DC	38211 VMO III	3/21/25	3/21/25 SHCP site visit and sample collection	N	N	N	\$335.10	State	Y
AGR 132	DC	38211 VMO III	4/17/25	4/17/25 SHCP site visit and sample collection	N	N	N	\$280.84	State	Y
AGR 132	DC	38211 VMO III	4/24/25	4/24/25 SHCP site visit and sample collection	N	N	N	\$300.55	State	Y
AGR 132	DC	38211 VMO III	4/29/25	4/29/25 SHCP site visit and sample collection	N	N	N	\$291.05	State	Y
AGR 132	DC	38211 VMO III	5/19/25	5/19/25 SHCP site visit and sample collection	N	N	N	\$273.00	State	Y
AGR 132	DC	38211 VMO III	5/24/25	6/8/25 AQUAVET Course	Y	N	Y	\$4,385.70	State	Y
AGR 132	DC	38211 VMO III	12/9/25	12/9/25 SHCP site visit and sample collection	N	N	N	\$322.51	State	Y
AGR 132	DC	38211 VMO III	11/12/25	11/12/25 SHCP site visit and sample collection	N	N	N	\$287.51	State	Y
AGR 132	DC	38211 VMO III	10/23/25	10/23/25 SHCP site visit and sample collection	N	N	N	\$326.50	State	Y
AGR 132	DC	38211 VMO III	8/4/25	8/5/25 Environmental Defense Fund for Aquaculture	Y	Y	N	\$800.49	State	Y
AGR 141	HA	121545 Administrator	1/10/25	1/10/25 Hamakua Site Inspection	Y	Y	N	\$303.50	State	Y
AGR 141	HA	122118 Engineer VI - Oahu & Maui Section Head	1/14/25	1/14/25 MISWUAB Meeting	Y	Y	N	\$434.25	State	Y
AGR 141	HA	121545 Administrator	1/14/25	1/14/25 Site Inspection in Kahului	Y	Y	N	\$265.49	State	Y
AGR 141	HA	120541 Engineer VI - Hawaii & Kauai Section Head	1/16/25	1/16/25 Site visit for the LHD Flume Improvement project	Y	Y	N	\$308.59	State	Y
AGR 141	HA	121545 Administrator	1/17/25	1/17/25 Site inspection in Kona	Y	Y	N	\$303.50	State	Y

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AGR 141	HA	121545	Administrator	1/24/25	1/24/25	Site inspection in Lihue	Y	Y	N	\$303.50	State	Y
AGR 141	HA	122118	Engineer VI - Oahu & Maui Section Head	2/4/25	2/4/25	MISWUAB Meeting	Y	Y	N	\$434.25	State	Y
AGR 141	HA	120399	Property Manager V	2/25/25	2/25/25	Staff meeting in Honolulu	Y	Y	N	\$177.83	State	Y
AGR 141	HA	120399	Property Manager V	3/6/25	3/7/25	Hnl mtg& Lihue Act 90 Site Inspection	Y	Y	N	\$616.72	State	Y
AGR 141	HA	121545	Administrator	3/7/25	3/7/25	Site Visit in Lihue	Y	Y	N	\$280.27	State	Y
AGR 141	HA	122475	Agricultural Land Program Manager	3/7/25	3/7/25	Act 90 site inspection in Lihue	Y	Y	N	\$192.11	State	Y
AGR 141	HA	121545	Administrator	3/13/25	3/13/25	Site Visit in Kahului	Y	Y	N	\$299.25	State	Y
AGR 141	HA	121545	Administrator	3/21/25	3/21/25	Site Visit in Waimea	Y	Y	N	\$312.21	State	Y
AGR 141	HA	120541	Engineer VI - Hawaii & Kauai Section Head	3/21/25	3/21/25	Conduct DAM Inspection Puukapua & Puulehu Reservoirs with DLNR	Y	Y	N	\$312.21	State	Y
AGR 141	HA	122118	Engineer VI - Oahu & Maui Section Head	4/8/25	4/8/25	MISWUAB Meeting	Y	Y	N	\$361.16	State	Y
AGR 141	HA	122118	Engineer VI - Oahu & Maui Section Head	4/10/25	4/10/25	Final inspection Honalo Marshalling Yard & Kamuela Vacuum Cooling Plant	Y	Y	N	\$280.27	State	Y
AGR 141	HA	121545	Administrator	4/10/25	4/10/25	Final inspection Honalo Marshalling Yard & Kamuela Vacuum Cooling Plant	Y	Y	N	\$201.77	State	Y
AGR 141	HA	123238	Planner V	4/10/25	4/10/25	Final inspection Honalo Marshalling Yard & Kamuela Vacuum Cooling Plant	Y	Y	N	\$192.44	State	Y
AGR 141	HA	121545	Administrator	4/15/25	4/15/25	Hilo staff meeting	Y	Y	N	\$235.00	State	Y
AGR 141	HA	120399	Property Manager V	5/12/25	5/12/25	Staff meeting in Honolulu	Y	Y	N	\$201.59	State	Y
AGR 141	HA	120399	Property Manager V	5/23/25	5/23/25	Molokai Non-ag Park/Ag-Park site visit	Y	Y	N	\$520.70	State	Y
AGR 141	HA	121545	Administrator	5/23/25	5/23/25	Site Visit in Kahului	Y	Y	N	\$312.21	State	Y

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AGR 141	HA	121545	Administrator	5/30/25	5/30/25	Site Visit in Lihue	Y	Y	N	\$326.16	State	Y
AGR 141	HA	120541	Engineer VI - Hawaii & Kauai Section Head	5/30/25	5/30/25	Conduct DAM Inspection Paaulo Reservoir with DLNR	Y	Y	N	\$316.96	State	Y
AGR 141	HA	121545	Administrator	6/7/25	6/12/25	ACE25 World Premier Water Conference in Denver, Colorado	Y	Y	Y	\$3,592.00	State	Y
AGR 141	HA	120541	Engineer VI - Hawaii & Kauai Section Head	6/18/25	6/18/25	Conduct Inspection on the Kualapuu Reservoir with DLNR	Y	Y	N	\$282.66	State	Y
AGR 141	HA	121545	Administrator	6/23/25	6/23/25	Hawaii Drought Committee Meeting	Y	Y	N	\$216.00	State	Y
AGR 141	HA	122118	Engineer VI - Oahu & Maui Section Head	6/24/25	6/24/25	MISWUAB Meeting	Y	Y	N	\$361.16	State	Y
AGR 141	HA	121545	Administrator	7/3/25	7/3/25	Kauai Drought Committee Meeting	Y	Y	N	\$213.26	State	Y
AGR 141	HA	120399	Property Manager V	7/22/25	7/22/25	BAB meeting	Y	Y	N	\$382.09	State	Y
AGR 141	HA	121545	Administrator	7/25/25	7/25/25	Final inspection Puukapua Reservoir	Y	Y	N	\$235.71	State	Y
AGR 141	HA	120541	Engineer VI - Hawaii & Kauai Section Head	7/25/25	7/25/25	Final Inspection for Puukapua Reservoir	Y	Y	N	\$314.21	State	Y
AGR 141	HA	122118	Engineer VI - Oahu & Maui Section Head	8/12/25	8/12/25	MISWUAB Meeting	Y	Y	N	\$284.66	State	Y
AGR 141	HA	121545	Administrator	8/12/25	8/12/25	MISWUAB Meeting	Y	Y	N	\$284.66	State	Y
AGR 141	HA	120399	Property Manager V	8/26/25	8/26/25	BAB meeting	Y	Y	N	\$244.34	State	Y
AGR 141	HA	14857	Irrigation System Service Worker I	9/8/25	9/8/25	DLNR DAM Safety Emergency Action Training	Y	Y	Y	\$266.43	State	Y
AGR 141	HA	18401	Irrigation System Service Worker II	9/8/25	9/8/25	DLNR DAM Safety Emergency Action Training	Y	Y	Y	\$248.00	State	Y

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AGR 141	HA	14858	Molokai Irrigation District Manager	9/9/25	9/9/25	DLNR DAM Safety Emergency Action Training	Y	Y	Y	\$346.50	State	Y
AGR 141	HA	120541	Engineer VI - Hawaii & Kauai Section Head	9/11/25	9/11/25	DLNR DAM Safety Emergency Action Training in Hilo	Y	Y	Y	\$194.24	State	Y
AGR 141	HA	47978	Engineer III	9/22/25	9/25/25	DAM Safety Conference 2025 in Cleveland, Ohio	Y	Y	Y	\$3,556.03	State	Y
AGR 141	HA	118868	Engineer V	9/22/25	9/24/25	DAM Safety Conference 2025 in Cleveland, Ohio	Y	Y	Y	\$3,663.83	State	Y
AGR 141	HA	120399	Property Manager V	9/23/25	9/23/25	BAB meeting	Y	Y	N	\$218.29	State	Y
AGR 141	HA	122554	Waimanalo Irrigation District Manager	9/28/25	10/1/25	Agricultural Leadership Class XIX - Hawaii Island Site visits	Y	Y	Y	\$157.50	State	Y
AGR 141	HA	121545	Administrator	10/3/25	10/3/25	Site Visit in Kona	Y	Y	N	\$318.96	State	Y
AGR 141	HA	120399	Property Manager V	10/17/25	10/17/25	Maui site inspection	Y	Y	N	\$430.51	State	Y
AGR 141	HA	125742	Property Manager I	10/17/25	10/17/25	Site Inspections on Maui	Y	Y	N	\$218.00	State	Y
AGR 141	HA	121545	Administrator	10/20/25	10/20/25	Staff meeting with Hilo Staff	Y	Y	N	\$221.45	State	Y
AGR 141	HA	120399	Property Manager V	10/28/25	10/28/25	BAB meeting	Y	Y	N	\$447.60	State	Y
AGR 141	HA	122118	Engineer VI - Oahu & Maui Section Head	10/28/25	10/28/25	MISWUAB Meeting	Y	Y	N	\$284.66	State	Y
AGR 141	HA	120541	Engineer VI - Hawaii & Kauai Section Head	11/10/25	11/10/25	CWRM Conference in Kona	Y	Y	Y	\$299.17	State	Y
AGR 141	HA	120399	Property Manager V	11/12/25	11/13/25	Training Staff & Site Visit	Y	Y	Y	\$572.35	State	Y
AGR 141	HA	122118	Engineer VI - Oahu & Maui Section Head	11/12/25	11/12/25	MIS Applications	Y	Y	N	\$363.16	State	Y
AGR 141	HA	122156	Engineer III	11/12/25	11/12/25	MIS Applications	Y	Y	N	\$275.00	State	Y
AGR 141	HA	122872	Administrative Assistant II	11/12/25	11/12/25	MIS Applications	Y	Y	N	\$284.66	State	Y

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AGR 141	HA	47978	Engineer III	11/12/25	11/12/25	MIS Applications	Y	Y	N	\$284.66	State	Y
AGR 141	HA	120541	Engineer VI - Hawaii & Kauai Section Head	11/12/25	11/14/25	CWRM Conference in Kona	Y	Y	Y	\$1,078.06	State	Y
AGR 141	HA	122118	Engineer VI - Oahu & Maui Section Head	11/18/25	11/18/25	MISWUAB Meeting	Y	Y	N	\$284.66	State	Y
AGR 141	HA	121545	Administrator	11/18/25	11/23/25	New Zealand Tour	Y	N	N	\$3,202.22	State	Y
AGR 141	HA	122475	Agricultural Land Program Manager	11/18/25	11/23/25	New Zealand Tour	Y	N	N	\$3,129.72	State	Y
AGR 151	BB	10670	ACMS IV	1/22/25	1/22/25	USDA Harmonized GAP Plus Audit	Y	N	N	\$135.60	Other	Y
AGR 151	BB	10670	ACMS IV	1/28/25	1/28/25	USDA GAP Audit	Y	N	N	\$208.01	Other	Y
AGR 151	BB	10670	ACMS IV	1/29/25	1/29/25	USDA GAP Audit	Y	N	N	\$135.60	Other	Y
AGR 151	BB	10670	ACMS IV	2/4/25	2/4/25	USDA GAP Audit	Y	N	N	\$167.99	Other	Y
AGR 151	BB	10670	ACMS IV	2/7/25	2/7/25	USDA GAP Audit	Y	N	N	\$308.41	Other	Y
AGR 151	BB	10670	ACMS IV	2/11/25	2/11/25	USDA Harmonized GAP Plus Audit	Y	N	N	\$192.00	Other	Y
AGR 151	BB	10670	ACMS IV	2/20/25	2/21/25	USDA Harmonized GAP Plus Audit	Y	N	N	\$867.66	Other	Y
AGR 151	BB	10670	ACMS IV	3/5/25	3/5/25	USDA GAP Audit	Y	N	N	\$178.00	Other	Y
AGR 151	BB	10670	ACMS IV	3/19/25	3/19/25	USDA GAP Audit	Y	N	N	\$208.79	Other	Y
AGR 151	BB	10670	ACMS IV	3/24/25	3/24/25	USDA GAP Audit	Y	N	N	\$218.29	Other	Y
AGR 151	BB	10670	ACMS IV	4/4/25	4/4/25	USDA Harmonized GAP Plus Audit	Y	N	N	\$236.00	Other	Y
AGR 151	BB	10670	ACMS IV	4/9/25	4/9/25	USDA GAP Audit	Y	N	N	\$271.39	Other	Y
AGR 151	BB	10670	ACMS IV	4/15/25	4/15/25	USDA Harmonized GAP Plus Audit	Y	N	N	\$187.99	Other	Y
AGR 151	BB	10670	ACMS IV	4/17/25	4/17/25	USDA Harmonized GAP Plus Audit	Y	N	N	\$232.00	Other	Y
AGR 151	BB	10670	ACMS IV	5/14/25	5/14/25	USDA GAP Audit	Y	N	N	\$156.00	Other	Y
AGR 151	BB	10670	ACMS IV	5/20/25	5/20/25	USDA GAP Audit	Y	N	N	\$278.39	Other	Y
AGR 151	BB	10670	ACMS IV	5/29/25	5/29/25	USDA GAP Audit	Y	N	N	\$198.00	Other	Y
AGR 151	BB	10670	ACMS IV	5/30/25	5/30/25	HDOA Incentive & Service Awards	Y	Y	N	\$236.00	State	Y
AGR 151	BB	10670	ACMS IV	6/24/25	6/24/25	USDA GAP Audit	Y	N	N	\$218.29	Other	Y
AGR 151	BB	10670	ACMS IV	7/3/25	7/3/25	USDA GAP Audit	Y	N	N	\$273.00	Other	Y
AGR 151	BB	10670	ACMS IV	7/8/25	7/8/25	USDA GAP Audit	Y	N	N	\$297.40	Other	Y
AGR 151	BB	10670	ACMS IV	7/15/25	7/15/25	USDA GAP Audit	Y	N	N	\$203.01	Other	Y

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AGR 151	BB	10670 ACMS IV	8/8/25	8/8/25	USDA Harmonized GAP Plus Audit	Y	N	N	\$236.00	Other	Y
AGR 151	BB	10670 ACMS IV	8/13/25	8/13/25	USDA Harmonized GAP Plus Audit	Y	N	N	\$188.00	Other	Y
AGR 151	BB	10670 ACMS IV	8/25/25	8/25/25	USDA GAP Audit	Y	N	N	\$203.00	Other	Y
AGR 151	BB	10670 ACMS IV	8/27/25	8/27/25	USDA Harmonized GAP Plus Audit	Y	N	N	\$188.00	Other	Y
AGR 151	BB	10670 ACMS IV	10/20/25	10/20/25	USDA GAP Audit	Y	N	N	\$218.00	Other	Y
AGR 151	BB	10670 ACMS IV	10/28/25	10/29/25	USDA Harmonized GAP Plus Audit	Y	N	N	\$470.16	Other	Y
AGR 151	BB	10670 ACMS IV	11/10/25	11/10/25	USDA Harmonized GAP Plus Audit	Y	N	N	\$218.00	Other	Y
AGR 151	BB	10670 ACMS IV	11/18/25	11/18/25	USDA Harmonized GAP Plus Audit	Y	N	N	\$167.99	Other	Y
AGR 151	BB	4865 ACMS IV	1/13/25	1/13/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	2/6/25	2/6/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	2/10/25	2/10/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	2/21/25	2/21/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	2/25/25	2/25/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	3/4/25	3/4/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	3/7/25	3/7/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	7/18/25	7/18/25	Hawaii Coffee Assn Conference	Y	Y	N	\$294.74	State	Y
AGR 151	BB	4865 ACMS IV	7/28/25	7/28/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	7/31/25	7/31/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	8/4/25	8/4/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	8/8/25	8/8/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	8/11/25	8/11/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	8/18/25	8/18/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	8/21/25	8/21/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	8/26/25	8/26/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	8/28/25	8/28/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	9/21/25	9/27/25	SCAJ 2025 World Specialty Coffee Conference	Y	Y	N	\$2,958.41	State	Y
AGR 151	BB	4865 ACMS IV	9/2/25	9/2/25	Seed Certification	Y	Y	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	9/5/25	9/5/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	4865 ACMS IV	9/12/25	9/12/25	Seed Certification	Y	N	N	\$268.00	Other	Y
AGR 151	BB	8529 ACMS II	2/24/25	3/6/25	USDA Plant Shell Egg Grading Training	Y	N	Y	\$3,750.37	State	Y
AGR 151	BB	111627 ACA I	7/18/25	7/18/25	Hawaii Coffee Assn Conference	Y	Y	N	\$213.24	State	Y
AGR 151	BB	5272 ACMS V	10/25/25	10/25/25	FSMA Speaker & Education Outreach	Y	N	Y	\$423.09	Other	Y
AGR 151	BB	5272 ACMS V	11/1/25	11/22/25	USDA FFV Market Inspector Training	Y	N	Y	\$5,526.80	State	Y

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AGR 151	BB	8724 ACMS I	8/14/25	8/14/25	Coffee Inspection	Y	N	N	\$308.20	Other	Y
AGR 151	BB	8724 ACMS I	9/21/25	9/27/25	SCAJ 2025 World Specialty Coffee Conference	Y	Y	N	\$2,969.76	State	Y
AGR 151	BB	8724 ACMS I	10/28/25	10/28/25	Coffee Inspection	Y	Y	N	\$218.41	Other	Y
AGR 151	BB	4693 Branch Manager	7/18/25	7/18/25	Hawaii Coffee Assn Conference	Y	Y	N	\$231.00	State	Y
AGR 151	BG	14940 Administrator	2/19/25	2/19/25	Hemp CBD Processing Facility & Kauai Coffee Farm	Y	Y	N	\$158.00	State	Y
AGR 151	BB	15744 ACMS III	2/21/25	2/21/25	EPIA Surveillance Inspection	Y	N	N	\$194.29	Other	Y
AGR 151	BB	15744 ACMS III	5/23/25	5/23/25	EPIA Surveillance Inspection	Y	N	N	\$203.80	Other	Y
AGR 151	BB	4863 ACMS IV	9/26/25	9/26/25	EPIA Surveillance Inspection	Y	N	N	\$254.01	Other	Y
AGR 151	BB	4863 ACMS IV	11/1/25	11/22/05	USDA FFV Market Inspector Training	Y	N	Y	\$4,143.65	State	Y
AGR 151	BB	122276 Program Specialist V	2/19/25	2/19/25	Hemp CBD Processing Facility & Kauai Coffee Farm	Y	Y	N	\$134.00	State	Y
AGR 151	BB	122276 Program Specialist V	6/19/25	6/19/25	USDA GAP Audit	Y	N	N	\$238.00	Other	Y
AGR 151	BB	122276 Program Specialist V	7/18/25	7/18/25	CTAHR Food Safety Summit	Y	Y	N	\$235.55	State	Y
AGR 151	BB	122276 Program Specialist V	8/14/25	8/14/25	USDA GAP Lead Auditor Evaluation	Y	N	Y	\$291.01	State	Y
AGR 151	BB	122276 Program Specialist V	10/17/25	10/17/25	USDA GAP Audit	Y	N	N	\$274.55	Other	Y
AGR 151	BB	40690 ACMS IV	5/30/25	5/30/25	HDOA Incentive & Service Awards	Y	Y	N	\$236.00	State	Y
AGR 151	BB	40690 ACMS IV	9/21/25	9/27/25	SCAJ 2025 World Specialty Coffee Conference	Y	Y	N	\$3,059.65	State	Y
AGR 153	CD	38212 ALSS PM	2/18/25	2/18/25	Hatch's Blue Crest Accelerator Prgm Mtg	N	Y	N	\$228.60	State	Y
AGR 153	CD	38212 ALSS PM	7/22/25	7/22/25	Attend Ouli Farms groundbreaking	N	N	N	\$251.58	State	Y
AGR 153	CD	38212 ALSS PM	3/7/25	3/14/25	Attend the World Ocean Summit	Y	Y	N	\$4,091.15	State	Y
AGR 171	BE	207881 Business Development Prog. Mgr.	1/17/25	1/21/25	Winter Fancy Food Show	Y	Y	N	\$2,928.50	State	Y
AGR 171	BE	207881 Business Development Prog. Mgr.	2/12/25	2/23/25	Gulf Food Show	Y	Y	N	\$12,768.64	State	Y
AGR 171	BE	207881 Business Development Prog. Mgr.	5/14/25	5/22/25	National Restaurant Association - USA Pavilion - Taste of the States	Y	Y	N	\$5,523.46	State	Y

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AGR 171	BE	207881	Business Development Prog. Mgr.	5/31/25	5/31/25	Ka'u Coffee Festival	Y	Y	N	\$302.65	State	Y
AGR 171	BE	207881	Business Development Prog. Mgr.	6/6/25	6/11/25	Hawaii on the Hill	Y	Y	N	\$4,476.67	State	Y
AGR 171	BE	207881	Business Development Prog. Mgr.	7/18/25	7/24/25	North American Marketing Officials Conference (NAAMO)	Y	Y	Y	\$3,083.08	State	Y
AGR 171	BE	207881	Business Development Prog. Mgr.	8/10/25	8/10/25	Maui Coffee Festival	Y	Y	N	\$305.09	State	Y
AGR 171	BE	207881	Business Development Prog. Mgr.	9/4/25	9/12/25	Fine Food Australia Trade Show	Y	Y	N	\$4,922.19	State	Y
AGR 171	BE	207881	Business Development Prog. Mgr.	10/14/25	10/19/25	International Fresh Produce Association - Global Produce Show	Y	Y	N	\$2,575.60	State	Y
AGR 171	BE	207881	Business Development Prog. Mgr.	11/3/25	11/5/25	Hawaii Farm Bureau Annual Conference & Convention	Y	Y	N	\$954.78	State	Y
AGR 171	BE	145186	Office Assistant IV	2/24/25	2/25/25	Kona Coffee Farmers Association Symposium Annual Conference	Y	Y	Y	\$547.94	State	Y
AGR 171	BE	145186	Office Assistant IV	5/31/25	5/31/25	Maui Ag Fest	Y	Y	N	\$271.65	State	Y
AGR 171	BE	89849	EDS V	1/18/25	1/22/25	Winter Fancy Food Show	Y	Y	N	\$2,419.48	State	Y
AGR 171	BE	89849	EDS V	2/4/25	2/4/25	Seal of Quality (SOQ) Photo Shoot	Y	Y	N	\$262.08	State	Y
AGR 171	BE	89849	EDS V	2/24/25	2/25/25	Kona Coffee Farmers Association Symposium Annual Conference	Y	Y	Y	\$471.94	State	Y
AGR 171	BE	89849	EDS V	3/8/25	3/15/25	FoodEx Reade Show	Y	Y	N	\$4,306.25	State	Y
AGR 171	BE	169241	EDS IV	2/12/25	2/23/25	Gulf Food Show	Y	Y	N	\$12,687.26	State	Y
AGR 171	BE	169241	EDS IV	4/26/25	5/2/25	SIAL Canada Food Innovation Trade Show	Y	Y	N	\$3,820.45	State	Y
AGR 171	BE	169241	EDS IV	5/14/25	5/22/25	National Restaurant Association - USA Pavilion - Taste of the States	Y	Y	N	\$5,523.46	State	Y
AGR 171	BE	169241	EDS IV	6/6/25	6/11/25	Hawaii on the Hill	Y	Y	N	\$4,476.67	State	Y
AGR 171	BE	169241	EDS IV	7/17/25	7/20/25	Hawaii Coffee Association Conference	Y	Y	Y	\$1,557.57	State	Y

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AGR 171	BE	169241	EDS IV	7/24/25	7/24/25	Hawaii Macadameia Nut Association Annual Conference	Y	Y	Y	\$271.09	State	Y
AGR 171	BE	169241	EDS IV	9/23/25	9/27/25	SCAJ Japan Coffee Exposition	Y	Y	Y	\$4,514.58	State	Y
AGR 171	BE	169241	EDS IV	10/14/25	10/20/25	International Fresh Produce Association - Global Produce Show	Y	Y	N	\$3,535.40	State	Y
AGR 171	BE	169241	EDS IV	10/22/25	10/26/25	Hawaii Tropical Fruit Growers Conference	Y	Y	Y	\$1,314.10	State	Y
AGR 171	BE	12465	EDS IV	5/31/25	5/31/25	Maui Ag Fest	Y	Y	N	\$195.15	State	Y
AGR 171	BE	12465	EDS IV	7/17/25	7/19/25	Hawaii Coffee Association Conference	Y	Y	Y	\$1,733.57	State	Y
AGR 171	BE	12465	EDS IV	7/24/25	7/24/25	Hawaii Macadameia Nut Association Annual Conference	Y	Y	Y	\$297.59	State	Y
AGR 171	BE	12465	EDS IV	8/10/25	8/10/25	Maui Coffee Association	Y	Y	N	\$195.59	State	Y
AGR 171	BE	12465	EDS IV	9/23/25	9/27/25	SCAJ Japan Coffee Exposition	Y	Y	Y	\$3,593.11	State	Y
AGR 171	BE	12465	EDS IV	10/22/25	10/26/25	Hawaii Tropical Fruit Growers Conference	Y	Y	Y	\$1,474.20	State	Y
AGR 171	BE	12465	EDS IV	11/3/25	11/5/25	Hawaii Farm Bureau Annual Conference & Convention	Y	Y	N	\$1,109.78	State	Y
AGR 171	BE	12465	EDS IV	11/13/25	11/15/25	Hawaii Cattlemen's Council Convention	Y	Y	N	\$1,412.46	State	Y
AGR 192	AA	123190	Exec. Asst.	1/23/25	1/25/25	Regional kitchen site visit	Y	Y	N	\$1,358.64	State	Y
AGR 192	AA	123190	Exec. Asst.	2/19/25	2/21/25	Liquid egg facility site visit	Y	Y	N	\$1,071.48	State	Y
AGR 192	AA	123190	Exec. Asst.	2/25/25	2/25/25	KCFA symposium	Y	Y	N	\$217.11	State	Y
AGR 192	AA	123190	Exec. Asst.	8/13/25	8/13/25	WAM site visit	Y	Y	N	\$187.59	State	Y
AGR 192	AA	123190	Exec. Asst.	10/23/25	10/26/25	HFNA fresh look expo	Y	Y	N	\$1,154.11	State	Y
AGR 192	AA	123190	Exec. Asst.	11/6/25	11/6/25	WAM site visit	Y	Y	N	\$600.96	State	Y
AGR 192	AA	120398	Legis. Lias.	7/28/25	7/28/25	Leg site visits	Y	Y	N	\$273.09	State	Y
AGR 192	AA	120398	Legis. Lias.	8/13/25	8/13/25	WAM site visit	Y	Y	N	\$187.59	State	Y
AGR 192	AA	125563	Grants Man.	2/1/25	2/1/25	HFNA Shinnenkai	Y	Y	N	\$408.20	State	Y
AGR 192	AA	125563	Grants Man.	2/24/25	2/28/25	NASDA winter policy & Ag Outlook	Y	Y	N	\$7,318.48	State	Y
AGR 192	AA	125563	Grants Man.	5/21/25	5/21/25	Variety showcase	Y	Y	N	\$310.57	State	Y
AGR 192	AA	125563	Grants Man.	5/31/25	5/31/25	Kau coffee festival	Y	Y	N	\$256.00	State	Y
AGR 192	AA	125563	Grants Man.	7/7/25	7/11/25	WASDA annual meeting	Y	Y	N	\$5,608.31	State	Y
AGR 192	AA	125563	Grants Man.	7/14/25	7/14/25	HATCH BLUE	Y	Y	N	\$317.50	State	Y
AGR 192	AA	125563	Grants Man.	7/18/25	7/18/25	Food safety summit	Y	Y	N	\$325.60	State	Y
AGR 192	AA	125563	Grants Man.	9/14/25	9/17/25	NASDA meeting	Y	Y	N	\$4,053.12	State	Y
AGR 192	AA	125563	Grants Man.	11/24/25	11/24/25	Kauai small animal slaughterhouse	Y	Y	N	\$269.00	State	Y
AGR 192	AA	100102	Chairperson	2/1/25	2/2/25	HFNA Shinnenkai	Y	Y	N	\$408.20	State	Y
AGR 192	AA	100102	Chairperson	2/24/25	2/26/25	NASDA winter policy	Y	Y	N	\$3,896.42	State	Y
AGR 192	AA	100102	Chairperson	3/23/25	3/26/25	Hawaii-USDA Policy Summit	Y	Y	N	\$4,079.84	State	Y
AGR 192	AA	100102	Chairperson	5/10/25	5/10/25	Molokai resource fair	Y	Y	N	\$663.87	State	Y
AGR 192	AA	100102	Chairperson	5/31/31	5/31/31	Kau coffee festival	Y	Y	N	\$270.50	State	Y

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AGR 192	AA	100102	Chairperson	7/7/25	7/11/25	WASDA annual meeting	Y	Y	N	\$6,780.99	State	Y
AGR 192	AA	100102	Chairperson	7/14/25	7/14/25	HATCH BLUE	Y	Y	N	\$317.50	State	Y
AGR 192	AA	100102	Chairperson	7/17/25	7/19/25	HCA conference	Y	Y	N	\$1,316.78	State	Y
AGR 192	AA	100102	Chairperson	8/13/25	8/13/25	WAM site visit	Y	Y	N	\$157.59	State	Y
AGR 192	AA	100102	Chairperson	9/1/25	9/5/25	NZ site visit	Y	Y	N	\$2,277.06	State	Y
AGR 192	AA	100102	Chairperson	9/14/25	9/17/25	NASDA meeting	Y	Y	N	\$3,987.47	State	Y
AGR 192	AA	100102	Chairperson	9/29/25	10/1/25	WUSATA meeting	Y	Y	N	\$2,298.07	State	Y
AGR 192	AA	100102	Chairperson	10/10/25	10/10/25	Maui Nui food summit	Y	Y	N	\$315.00	State	Y
AGR 192	AA	100102	Chairperson	10/23/25	10/25/25	HTFG and HMFP meetings	Y	Y	N	\$962.31	State	Y
AGR 192	AA	100102	Chairperson	11/4/25	11/5/25	HFBF convention	Y	Y	N	\$603.39	State	Y
AGR 192	AA	100102	Chairperson	11/6/25	11/6/25	WAM site visit	Y	Y	N	\$296.01	State	Y
AGR 192	AA	100102	Chairperson	11/14/25	11/14/25	Hawaii cattlemen's council meeting	Y	Y	N	\$280.66	State	Y
AGR 192	AA	100230	Deputy	1/23/25	1/25/25	WAM - Tacoma Central Kitchen	Y	Y	N	\$1,503.73	State	Y
AGR 192	AA	100230	Deputy	6/3/25	6/12/25	Washington DC	Y	Y	N	\$5,607.28	State	Y
AGR 192	AA	100230	Deputy	7/18/25	7/18/25	Kona-Coffee Conf	Y	Y	N	\$260.51	State	Y
AGR 192	AA	100230	Deputy	8/25/25	9/5/25	NZ Biosecurity	Y	Y	N	\$2,496.52	State	Y
AGR 192	AA	123190	Exec Asst	8/29/25	9/5/25	NZ Biosecurity	Y	Y	N	\$2,424.98	State	Y
AGR 192	AA	100230	Deputy	11/4/25	11/5/25	HFB Convention	Y	Y	N	\$607.33	State	Y
AGR 192	AA	100230	Deputy	11/6/25	11/6/25	WAM Rolling Out Biosecurity	Y	Y	N	\$219.01	State	Y
AGR 192	AA	100230	Deputy	11/24/25	11/24/25	WAM Small Animal Slaughterhouse	Y	Y	N	\$300.50	State	Y
AGR 192	AA	24514	Mgmt Analyst	12/16/25	12/16/25	Mtg w/Consultant	N	Y	N	\$208.79	State	Y
AGR 192	AA	24514	Mgmt Analyst	2/7/2025	2/7/2025	CIP Project Final Inspection	N	Y	N	\$255.89	State	Y
AGR 192	AA	24514	Mgmt Analyst	3/21/25	3/21/25	Admin Assistant Interviews	N	Y	N	\$256.59	State	Y
AGR 192	AA	4657	ASO	2/7/2025	2/7/2025	CIP Project Final Inspection	N	Y	N	\$255.89	State	Y
AGR 192	AA	4657	ASO	3/21/25	3/21/25	Admin Assistant Interviews	N	Y	N	\$256.59	State	Y
		42739	IT Specialist	10/10/25	10/17/25	Salesforce Training and Conference	Y	Y	Y	\$5,152.17	State	Y
AGR 192	AA											
AGR 846	EE	122148	EHS II	2/5/25	2/6/25	Conduct LFA Control Work Treatment on Oahu	N	N	N	\$408.56	State	Y
AGR 846	EE	125713	EHS IV	3/4/25	3/6/25	Attend 11th International IPM Symposium in San Diego	Y	Y	N	\$2,841.00	State	Y
AGR 846	EE	44153	EHS IV	3/10/25	3/10/25	Conduct EHS Interview in Hilo	N	N	N	\$178.95	State	Y
AGR 846	EE	8033	Branch Mgr	3/10/25	3/10/25	Conduct EHS Interview in Hilo	N	N	N	\$196.85	State	Y
AGR 846	EE	27294	EHS IV	4/9/25	4/10/25	Investigate application of Talstar in Hilo	N	N	N	\$631.29	State	Y
AGR 846	EE	121597	EHS III	4/9/25	4/10/25	Investigate application of Talstar in Hilo	N	N	N	\$498.86	State	Y
AGR 846	EE	121565	EHS	4/24/25	4/25/25	Semi-annual Pesticide Workshop	Y	Y	Y	\$639.12	State	Y
AGR 846	EE	35759	EHS IV	4/24/25	4/25/25	Semi-annual Pesticide Workshop	y	Y	Y	\$603.00	State	Y
AGR 846	EE	125713	EHS IV	4/24/25	4/25/25	Semi-annual Pesticide Workshop	Y	Y	Y	\$662.91	State	Y

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AGR 846	EE	122672	Chemist IV	4/24/25	4/25/25	Semi-annual Pesticide Workshop	Y	Y	Y	\$587.27	State	Y
AGR 846	EE	125695	EHS II	4/24/25	4/25/25	Semi-annual Pesticide Workshop	Y	Y	Y	\$639.05	State	Y
AGR 846	EE	44103	EHS II	4/24/25	4/25/25	Semi-annual Pesticide Workshop	Y	Y	Y	\$388.00	State	Y
AGR 846	EE	121887	EHS III	4/24/25	4/25/25	Semi-annual Pesticide Workshop	Y	Y	Y	\$631.69	State	Y
AGR 846	EE	121597	EHS III	4/24/25	4/25/25	Semi-annual Pesticide Workshop	Y	Y	Y	\$634.12	State	Y
AGR 846	EE	122148	EHS II	4/24/25	4/25/25	Semi-annual Pesticide Workshop	Y	Y	Y	\$620.17	State	Y
AGR 846	EE	36261	EHS IV	4/24/25	4/25/25	Semi-annual Pesticide Workshop	Y	Y	Y	\$607.22	State	Y
AGR 846	EE	36261	EHS IV	5/8/25	5/9/25	Training, inspections, medical monitoring in Oahu	N	N	N	\$477.24	State	Y
AGR 846	EE	44153	EHS V	5/19/25	5/19/25	Proctor Exam and interpreter in Lihue	N	N	N	\$235.67	State	Y
AGR 846	EE	125695	EHS II	5/30/25	5/30/25	Attend HDOA Awards Ceremony	N	N	N	\$237.39	State	Y
AGR 846	EE	44103	EHS II	5/30/25	5/30/25	Attend HDOA Awards Ceremony	N	N	N	\$271.60	State	Y
AGR 846	EE	122148	EHS II	5/30/25	5/30/25	Attend HDOA Awards Ceremony	N	N	N	\$218.38	State	Y
AGR 846	EE	44103	EHS II	6/4/25	6/4/25	Give feedback on UH/HDOA Workshop in Honolulu	N	N	N	\$153.68	State	Y
AGR 846	EE	44153	EHS V	6/5/25	6/5/25	Visit to HI Sunshine Nursery in Hilo	N	N	N	\$246.47	State	Y
AGR 846	EE	44153	EHS V	7/14/25	7/14/25	Conduct employee PAS in Hilo	N	N	N	\$205.73	State	Y
AGR 846	EE	44153	EHS V	7/21/25	7/21/25	Conduct employee PAS in Kahalui	N	N	N	\$237.67	State	Y
AGR 846	EE	44153	EHS V	8/6/25	8/6/25	Meet with new hire in Lihue	N	N	N	\$200.96	State	Y
AGR 846	EE	27294	EHS IV	8/5/25	8/6/25	Conduct routine inspections on Molokai	N	N	N	\$735.17	State	Y
AGR 846	EE	125713	EHS IV	8/4/25	8/7/25	Attend PREP in Fort Collins	Y	Y	N	?	Other	N
AGR 846	EE	121597	EHS III	8/12/25	8/13/25	Attend CTAHR on Maui	Y	Y	N	\$695.58	State	Y
AGR 846	EE	122148	EHS II	8/12/25	8/13/25	Attend CTAHR on Maui	Y	Y	N	\$746.35	State	Y
AGR 846	EE	125695	EHS II	8/12/25	8/13/25	Attend CTAHR on Maui	Y	Y	N	\$549.55	State	Y
AGR 846	EE	44103	EHS II	8/12/25	8/13/25	Attend CTAHR on Maui	Y	Y	N	\$549.55	State	Y
AGR 846	EE	44153	EHS V	8/11/25	8/15/25	Attend Bayer Agscience in Washington DC and other	Y	Y	N	\$1,718.12	State	Y
AGR 846	EE	39432	EHS III	8/21/25	8/29/25	Attend Bayer Agscience in Washington DC and other	Y	Y	N	\$4,274.16	State	Y

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AGR 846	EE	44153 EHS V	9/3/25	9/3/25	Conduct employees PAS in Hilo	N	N	N	\$194.66	State	Y
AGR 846	EE	122467 EHS II	9/4/25	9/4/25	Core training workshop in Honolulu	N	Y	Y	\$565.26	State	Y
AGR 846	EE	125713 EHS IV	9/10/25	9/11/25	Core Pesticide skill training on Maui	Y	Y	Y	\$557.39	State	Y
AGR 846	EE	39432 EHS III	9/18/25	9/18/25	Train new pest education staff in Lihue	N	N	N	\$202.84	State	Y
AGR 846	EE	125695 EHS II	9/22/25	9/22/25	Attend Governor's Award Ceremony	N	N	N	\$148.08	State	Y
AGR 846	EE	122148 EHS II	9/22/25	9/22/25	Attend Governor's Award Ceremony	N	N	N	\$148.08	State	Y
AGR 846	EE	44103 EHS II	9/22/25	9/22/25	Attend Governor's Award Ceremony	N	N	N	\$148.08	State	Y
AGR 846	EE	44103 EHS II	10/2/25	10/2/25	Attend Green Industry Conference in Honolulu	Y	Y	Y	\$489.40	State	Y
AGR 846	EE	39432 EHS III	10/14/25	10/14/25	Train new pest education staff in Lihue	N	N	N	\$209.76	State	Y
AGR 846	EE	27294 EHS IV	10/21/25	10/21/25	Conduct compliance work on Lanai	N	N	N	\$218.00	State	Y
AGR 846	EE	39432 EHS III	10/22/25	10/22/25	Train new pest education staff on Maui	N	N	N	\$202.86	State	Y
AGR 846	EE	44153 EHS V	10/17/25	10/23/25	Attend COSDA in Virginia Beach, VA	Y	Y	Y	\$2,615.72	State	Y
AGR 846	EE	125712 EHS IV	10/30/25	10/30/25	Maui Pest. Disposal Event	N	N	N	\$307.16	State	Y
AGR 846	EE	27294 EHS IV	11/4/25	11/5/25	Inspections on Big Island	N	N	N	\$662.63	State	Y
AGR 846	EE	8033 Branch Mgr	11/14/25	11/14/25	Assess current situation of Kona Office	N	N	N	\$237.43	State	Y
AGR 846	EE	36261 EHS IV	11/17/25	11/20/25	Annual Pesticide Workshop	Y	Y	Y	\$805.66	State	Y
AGR 846	EE	44103 EHS II	11/17/25	11/20/25	Annual Pesticide Workshop	Y	Y	Y	\$777.34	State	Y
AGR 846	EE	122148 EHS II	11/17/25	11/20/25	Annual Pesticide Workshop	Y	Y	Y	\$1,146.79	State	Y
AGR 846	EE	27294 EHS IV	11/17/25	11/20/25	Annual Pesticide Workshop	Y	Y	Y	\$805.66	State	Y
AGR 846	EE	125714 EHS IV	11/17/25	11/20/25	Annual Pesticide Workshop	Y	Y	Y	\$1,079.92	State	Y
AGR 846	EE	122467 EHS II	11/17/25	11/20/25	Annual Pesticide Workshop	Y	Y	Y	\$795.24	State	Y
AGR 846	EE	8033 EHS V	11/21/25	11/21/25	Meet with new 89-day hire in Hilo	N	N	N	\$248.00	State	Y
AGR 846	EE	125695 EHS II	11/17/25	11/24/25	Annual Pesticide Workshop	Y	Y	Y	\$777.34	State	Y
AGR 846	EE	8033 Branch Mgr	11/25/25	11/25/25	Meet with new 89-day hire in Kona	N	N	N	\$203.77	State	Y

Department of Agriculture and Biosecurity
Expenditures/Encumbrances for Wildfire Response

Table 24

						FY26		FY27			
Prog ID	Sub-Org	Description of Expenditure/Encumbrance	Justification	Existing Budget Item(s) affected (If Any)	MOF	Encumbrance Balance	Expenditure	Encumbrance Balance	Expenditure	FEMA Reimbursable?	Reimbursement Applied for?
		NONE									

Department of Agriculture and Biosecurity
Personnel utilized for Wildfire Response

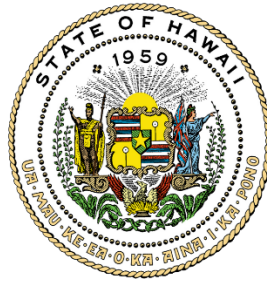
Table 25

					FY26				FY27						
<u>Prog ID</u>	<u>Sub-Org</u>	<u>Positions dispersed for Wildfire Response</u>	<u>Justification</u>	<u>MOF</u>	<u>Pos (P)</u>	<u>Pos (T)</u>	<u>Payroll Hours</u>	<u>\$\$\$</u>	<u>Pos (P)</u>	<u>Pos (T)</u>	<u>Payroll Hours</u>	<u>\$\$\$</u>	<u>Expected End Date</u>	<u>FEMA Eligible?</u>	<u>FEMA Reimb App?</u>
		NONE													

**REPORT TO THE THIRTY-THIRD LEGISLATURE
2026 REGULAR SESSION**

DEPARTMENT OF AGRICULTURE AND BIOSECURITY ANNUAL REPORT

PURSUANT TO ACT 100, SLH 1999



Prepared by:

**Department of Agriculture and Biosecurity
State of Hawaii**

December 2025

ACT 100, SLH 1999
Department Overview
Fiscal Year 2025 Update

Mission Statement

To further expand the role of Hawaii's agricultural industry to benefit the well-being of our island society by diversifying the economy, protecting resources important for agricultural production, and gaining greater self-sufficiency in food production.

Department Goals

To conserve and develop essential agricultural resources and infrastructure; to gain access to and develop local, domestic, and international markets for Hawaii's agricultural products; to conserve and protect suitable agricultural lands and water; to promote Hawaii's food self-sufficiency; to raise awareness of the importance of agriculture to the State's economy, environment, and as a profession; to implement programs to safeguard Hawaii's farmers, consumers, and natural resources; to prevent the introduction and establishment of plants, animals and diseases that are detrimental to Hawaii's agriculture and environment.

Significant Measures of Effectiveness

- Total Farm Value of agriculture in Hawaii (In thousands of dollars).

<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY2024</u>
532,561	545,875	562,251	672,395	724,479

Major Functions

- Carries out programs to conserve, develop, and utilize the agricultural resources and infrastructure of the State and facilitates the transition of former plantation agricultural production assets to diversified farming.
- Enforces laws and formulates and enforces rules and regulations to manage these resources.
- Promotes agriculture and provides opportunities to access new markets.
- Reviews, develops, and implements agricultural goals and objectives to expand and diversify Hawaii's agriculture.

- Prevents the introduction of plant pests and diseases, provides certification services to facilitate the export of certain plant materials, and controls and eradicates insects and noxious weeds and controls the distribution and usage of pesticides.
- Administers the aquaculture development, state animal health, and agricultural and aquacultural loan programs.
- Maintains official State primary measurement standards; ensures accuracy of commercial measuring devices.
- Establishes and enforces grade standards for agricultural commodities producers in the State in cooperation with the industry and administers the State's Milk Control Act.
- Collects and disseminates statistical data on agricultural production and markets, and supports funding for research on various agricultural commodities

DIVISION ACTION PLANS

Division/Branch: Administrative Services Office

Purpose: To enhance the effectiveness and efficiency of the department by providing staff support services, other administrative services, and responding to the needs of the public.

Goal 1: Fill all position vacancies to enable the department to fully achieve the missions of all programs.

Objective: Be creative, thinking outside-of-the-box to effectively implement recruitment and retention strategies. Completion date: Ongoing

1. Streamline internal recruitment workflows to maximize effectiveness.
2. Work closely with DHRD to schedule job announcements and issuance of certified lists of eligibles.
3. Work closely with DHRD to ensure minimum qualification requirements are still relevant.
4. Attend targeted job fairs and hiring events to highlight careers and job opportunities within DAB.
5. Collaborate with UHM CTAHR to create pathways for students and alumni (internships and career opportunities).

6. Advertise DAB careers and job postings using social media and via relevant trade associations and organizations.
7. Fully utilize the various DHRD flexible salary programs to incentivize applicants.
8. Improve on-boarding activities to create smooth transition to DAB employment.
9. Provide opportunities for advancement and professional development to improve employee retention.

Goal 2: To minimize energy, fuel and water consumption and implement resource-efficient operations and management measures.

Objective: Implement the department's Energy Action Plan, subject to the availability of funding. Completion date: Ongoing.

1. Initiate lighting, window tinting, retro-commissioning, alternative energy, and other energy efficiency CIP projects.
2. Work with employees to practice energy and water conservation measures, and monitor usage/savings.
3. Replace petroleum powered vehicles with EVs.

Goal 3: To provide a safe and healthy working environment for employees by ensuring that the department's facilities comply with local, state and federal requirements.

Objective: To address the repair and maintenance and capital improvement needs of the department's facilities. Completion date: Ongoing.

1. Continue to address various routine repair and maintenance issues to ensure that departmental facilities support efficient day-to-day operations.
2. Initiate various capital improvement projects with assistance of the DAGS Public Works and Central Services Divisions.
3. Prepare budget requests for additional capital improvement work as additional work is identified.

Objective: To provide a safe working environment for department employees by complying with Occupational Safety and Health Administration (OSHA) requirements. Completion date: Ongoing.

1. Establish a safety committee comprised of employees from various divisions.

2. Develop a department-wide safety plan.
3. Install signage to properly mark exit routes, hazardous materials and locations of fire extinguishers.
4. Initiate necessary repair and maintenance work or capital improvement projects to correct facility deficiencies.
5. Install burglar alarm systems in facilities where necessary, based on risk assessment, and as funding allows. Create alarm procedures to deal with intrusion alerts.

Goal 4: To provide reasonable and meaningful access to limited English proficient individuals or organizations accessing, participating or benefiting from services, programs and activities by the department.

Objective: To meet the requirements of Act 290, SLH 2006, codified into Part II of Chapter 371, HRS, and Presidential Order 13166. Completion date: Ongoing.

1. Continually update the listing of departmental employees who are skilled in a non-English language and are willing to volunteer to provide interpreter services.
2. Compile and disseminate listing of interpreters/translators and their costs for program personnel to use in providing services to their LEP customers.

Goal 5: Improve procedures and processes for maximum efficiency.

Objective: To streamline processes to maintain essential staff support services provided to the department programs. Completion date: Ongoing

1. Review fiscal and human resources processes, revise processes and procedures as needed to increase efficiencies and reduce redundancy.
2. Review all administrative services functions including copy/fax machine operations, telecom coordination, janitorial and grounds keeping contract administration, vehicle fuel and repair invoice processing, etc., to increase efficiencies.

Division: Agricultural Development Division

Purpose: The Agricultural Development Division supports the economic sustainability of commercial agriculture in Hawaii by promoting collaborative marketing initiatives for agricultural products with strong revenue growth potential. We also facilitate the development

and expansion of marketing opportunities, including grants for targeted agricultural and processed products, and are committed to providing timely, accurate and useful statistics to support informed decision-making.

Goal 1: Seek alternate funding sources (federal or private grants) whenever feasible to complement state general funds in supporting the division's agricultural development, marketing, and statistics functions.

Objective: Coordinate efforts to identify, develop proposals, submit, and manage federal and private (NGO) funding opportunities in collaboration with both internal and external partners.

1. Continue training staff and enhancing efficiencies in grant administration, including familiarity with the state procurement system, administrative rules, and related grant administration platforms.
2. Maintain active engagement in networking activities related to grant funding sources and potential partners.

Goal 2: Ensure the fair, efficient, effective, and responsible management of contracted awards and programs funded by state, federal, and other sources.

Objective: Maintain a systematic and fair procedure for providing notices, RFPs, selecting recipients, disbursing funds, monitoring progress, and ensuring timely reimbursements for various grant awards and programs as funding permits.

1. Maintain a work plan for each award and program, outlining project duration, key tasks, and timeline to effectively illustrate the process.
2. Maintain a database system to track the various awards and grant programs ensuring that reporting and invoicing requirements are met in a timely manner.
3. Ensure that staff members are properly trained to administer the contracted programs. These staff will serve as liaisons to the AG's Office, the State Procurement Office, and the Department's Fiscal Office.

Objective: Administer grant awards and programs in accordance with the specific terms, conditions, and guidelines.

1. Stay updated on changes to federal grant awards and programs, including updates to the Uniform Administrative Requirements for Federal Grants as published in 2 CFR 200.

2. Remain informed of any changes to State Procurement Rules, including amendments to the Hawaii Revised Statutes and Hawaii Administrative Rules for state funded programs.
3. Participate in training programs offered by public and private organizations to stay current on federal and state regulations relevant to the division's grant awards and programs.
4. Keep current on changes resulting from post Lahaina and COVID-19 impacts and note Comptroller Memorandums for any new procedures.

Goal 3: Provide high-quality deliverables and relevant justifications, such as the business or economic impacts, contributions to state GDP, and social or environment benefits to commercial agriculture in Hawaii, for activities supported by awards or grants.

Objective: Provide relevant reports, analyses, financial records, and other pertinent information as needed to document progress and ensure proper administration of the various grant awards.

1. Prepare summarized progress reports as requested to support inquiries from grantors, legislative bodies, departments, and collaborators.
2. Submit interim and final reports as required upon completion of the award's terms or as requested.
3. Maintain regular communication with awardees and sub-awardees to support the reporting process. This includes providing updates on progress towards stated goals, milestone achievements, and the preferred format for progress, interim and final activity and financial reports.
4. Continue to provide and uphold any required services in accordance with grant awards and program requirements.

Market Development Branch

Goal 1: Utilize state and federal funds to increase food security and food self-sufficiency for Hawaii.

Objective: To support Market Expansion that includes actions that: 1) Stabilize Existing Markets; 2) Develop New Export Markets; 3) Increase Local Share of the Market; 4) Import Replacement; and 5) Export Certification.

1. Stabilize Existing Markets

- a. Engage with commodity organizations/associations to stay current and conduct outreach.
- b. Offer programs and activities to help organizations/associations meet the goals they deem important to their members.
- c. Administer projects awarded to, but not limited to, animal proteins, avocado, apiary, awa, banana, basil, beef, breadfruit, cacao, coffee, floriculture, forestry, ginger, legumes, macadamia nuts, moringa, papaya, tropical fruits, turmeric, and vegetables for both conventional, organic, and innovative farming methods.

2. Develop New Export Markets

- a. Plan trade activities for Australia, Canada, Europe, Japan, Korea, Taiwan, and domestic markets for Hawaii companies to seek opportunities for Hawaii products in markets that have air routes to/from the state; activities will be conducted based on potential for participation and will be impacted by trade tariffs implemented.
- b. Serve as Project Managers for WUSATA Legacy Trade Shows to become familiar with signature regional agriculture events to seek opportunities for Hawaii companies and products.
- c. Develop activities for markets that align with new nonstop air service with the intent of introducing products for export.
- d. Manage Hawaii booths at two trade shows in Japan, one in the Middle East, one in Canada, one in Australia and two domestically in the US Mainland to continue to increase exports to Hawaii's top agricultural export market and seek to expand into new markets.

3. Increase local share of the Market

- a. Promote "Buy Local, It Matters" campaign with action to "EAT LOCAL" through television, radio, and social media promotions.
- b. Collaborate with industry and public and private stakeholders to support the development of a facility that adds value to agricultural products that include production, processing, and sales with the intent of introducing a new revenue source for local producers.
- c. Promote the Hawaii Seal of Quality program, the Made in Hawaii with Aloha program, and the Island Fresh logo through Instagram and other social media.
- d. Administer the Micro-grants for Food Security Program that provides funding to increase the quantity and quality of locally produced food in insecure communities.

4. Import Replacement

- a. Administer the Micro-grants for Food Security Program that provides funding to increase the quantity and quality of locally produced food in food insecure communities that import a large amount of the food consumed.
- b. Work with CTAHR and other agriculture organizations to promote commodities that can be grown in the tropic zone – and provide the tools to move to commercial production.

5. Export Certification

- a. Conduct training/informational sessions with USDA, Department of Commerce and State agencies presenting guidelines and taking part in Q & A with Hawaii agricultural producers.
- b. Conduct outreach to farmers and producers to learn what crops can be exported with postharvest treatment and assist with the development of the protocols, including, but not limited to floriculture and tropical fruit commodities.

Goal 2: Promote, develop, and expand market opportunities for Hawaii agricultural and value-added producers in local, domestic, and international by aligning the Branch's activities with the needs of the various components of the state agricultural industry and with the addition of virtual activities due to the impact of the pandemic to global trade.

Objective: Identify potential markets for local agricultural products.

1. Conduct market research using the following channels to classify potential markets.
 - a. Hawaii agricultural statistics provided by NASS.
 - b. Trade Publications (print/online).
 - c. Internet - to monitor local, national, and international trends.
 - d. Local associations – initiate and maintain close contact with local trade groups to understand where the local markets are moving.
 - e. Trade Shows –attend trade shows to assess their potential for Hawaii company attendance and to conduct market research.
 - f. Monitor additional airline service into the state to assess new routes for potential as a new market for Hawaii agricultural products.
2. Summarize and prioritize potential markets and products by developing a system for activities that accounts for local production, expansion barriers, and growth potential.

3. Recommend two to four agricultural markets for priority joint marketing initiatives.
4. Update and monitor list on an annual basis.

Objective: Engage with the agricultural commodity groups and associations and support the goals of their members.

1. Initiate and maintain contact with industry associations, informal groups, and industry leaders.
2. Assess each group's goals and suggest activities to achieve them.
3. Prioritize emerging agricultural industries/crops and products through communication with farmers and producers and develop activities that promote their availability, with the purpose of increasing awareness for increased production.
4. Integrate target market priority list to match possible markets to agricultural industries with potential.

Objective: Based on market intelligence, market research and industry feedback, conduct sales generating activities in selected target or niche markets with the highest demand for selected agricultural products and value-added processed products in local, domestic, and international markets.

1. Coordinate or participate with producers in at least two local trade shows, consumer fairs, sales promotions with retailers or other events. These may include the Made in Hawaii Festival, and the County Farm Fairs, Hawaii Coffee Association Conference, Kau Coffee Fest, the Hawaii Tropical Fruit Growers Association Annual Meeting.
2. Coordinate or participate with producers in at least two Mainland trade shows and retail store promotions. These may include the Global Produce & Floral Show, the National Restaurant Association American Food Show, and the Natural Products Expo West. Provide options to facilitate freight consolidation to lower trade show material freight costs and improve logistic control.
3. Coordinate or participate with producers in at least four foreign trade activities (including trade missions and reverse trade missions) to and from selected markets. Provide possible options to facilitate freight consolidation to lower trade show material freight costs and improve logistics control or assist with in-country costs.

Objective: Offer a Sponsorship and Product Promotion request for proposal (SPP) process to attract a larger pool of applicants and to ensure greater effectiveness, transparency, and accountability.

1. Consider proposals from targeted agriculture trade associations with clear goals, feasible objectives, well-defined deliverables, and measurable performances.
2. Meet with potential participants to keep them updated on program changes and to conduct outreach activities on an ongoing basis. 10 trade associations or community groups is the goal.
3. Request that proposals include “Buy Local, It Matters” campaign and “EAT LOCAL” message to support Goal 1 to move Hawaii toward food security and food self-sufficiency.

Goal 3: Facilitate development and expansion of marketing opportunities for select agricultural and processed products as a “tie-in” with the tourism industry.

Objective: Review status of laws governing ag-tourism and facilitate the industry as a complementary activity to farming.

1. Maintain partnership in ag-tourism and encourage the continuing participation of Hawaii’s culinary chefs as liaisons between the agricultural and tourism industries via our website, media initiatives and ag-related special events including festivals, fairs, trade shows and conferences.
2. Support growth of the statewide ag-tourism association (HATA) which continues to develop standards and legal framework for business operations.

Goal 4: Maintain marketing campaigns that educate the public about local agriculture producers and products and promote high-quality producers.

Objective: Maintain the Seals of Quality program to protect Hawaii’s brand cachet in local, domestic, and international markets.

1. Maintain the functional marketing plan with defined marketing activities to promote awareness and increase sales of program products in local, domestic, and international markets.
2. Maintain coordination with the Quality Assurance Division (QAD) to provide initial quality checks for potential participants and ongoing quality control of existing program members.
3. Recruit and maintain at least 100 participants statewide.

4. Maintain ongoing collaborations with QAD, other government agencies (the HTA, DBEDT and the Governor's tourism liaison), and other non-government entities in developing and executing joint marketing activities for the Seals of Quality products in established tourism markets.
5. Continue to pursue sole ownership of the Seal of Quality logo from the Hawaii Tourism Authority that has changed their logo and font to a new, streamlined canoe look.

Objective: Support the Manufacturing Sector by identifying products that are manufactured, assembled, fabricated, or produced within the State and that have had at least fifty-one per cent of its wholesale value added by manufacture, assembly, fabrication, or production within the State via the "Made in Hawaii with Aloha" (MIHA) logo.

1. Administer the Limited License Agreement where the Licensee agrees to use the MIHA logo on products that comply with HRS 486-119. Continue to update the agreement to include provisions for new products such as derived from hemp.
2. Continue and expand collaboration with agencies whose members would benefit from the program such as the Hawaii Food Manufacturers Association (HFMA), High Technology Development Center (HTDC), Chamber of Commerce of Hawaii (CCH) and DBEDT, among others.
3. Create activities to promote the MIHA logo.

Objective: Support the Fresh Products sector by identifying products that are grown or raised in Hawaii via the Grown in Hawaii logo.

1. Create a Limited License Agreement where the Licensee agrees to use the Grown in Hawaii logo on products that comply with the state labeling laws. Continue to update the agreement to include provisions for new products.
2. Continue and expand collaboration with agencies whose members would benefit from the program such as the Hawaii Farm Bureau Federation, Hawaii Farmers Union United and the Independent Farmers United.
3. Create activities to promote the Grown in Hawaii logo and its versions that are island and county specific.

Objective: Maintain select marketing programs with partners to emphasize the concept of buying local agricultural products.

1. Continue partnership effort on public education of Hawaii consumers as to what is produced in Hawaii and the importance of buying locally grown and locally produced products, which not only support our local farmers, but also supports businesses within our state.
2. Maintain participation in the buy local marketing campaign by Hawaii farmers.
3. Extend participation in the buy local concept with partners to local retailers to utilize point-of-purchase displays to educate consumers about buying local.
4. Increase purchase of promotional collaterals for wider distribution at schools, community events, supermarkets, to increase awareness of the "Buy Local, It Matters" call-to-action campaign.
5. Continue to support activities and groups where students are engaged in agriculture with the intent to continue in the industry. These groups could include the Hawaii FFA, 4H Program, school Garden Network, and others.
6. Continue to evaluate current marketing strategies, explore new marketing opportunities, and develop performance measures.

Market Analysis & News Branch

Goal 1: Provide timely, accurate and useful statistics of Hawaii's agriculture to support production, market development, policy, planning, and research functions.

Objective: Maintain the Department's core capacity to gather, analyze and disseminate information and statistics on Hawaii agriculture for use by local producers, planners, industry leaders, policy makers, and legislators to better manage uncertainties and elevated risks in the prevailing business climate.

1. Fill Branch Chief position and further train staff to facilitate organizing, gathering, processing, estimating, and publishing of Hawaii-specific agricultural statistics.
2. Determine the type, scope, format, complexity, frequency and priority of reports and studies that are program fundamentals.
3. Determine tools, equipment, technology adoption (such as GIS mapping), other assets, and workforce development needed to fulfill core program requirements.

4. Compile and maintain producer listing and contact information of specific commodities identified and related variables for relevant surveys (periodic and special).
5. Seek state funding to continue surveys that are not part of the NASS national program. These include, but are not limited to aquaculture, vegetables & melons, tropical fruits, eggs, and horticulture.

Objective: Undertake basic agricultural statistics reports, outlook studies, logistic analyses, and other pertinent data to support relevant agricultural activities in the state.

1. Establish feasible sampling list frames of select crops and/or livestock in Hawaii.
2. Draft, pretest, and field relevant survey instruments of established crops and/or livestock.
3. Identify changing information and data needs and modify methods of data collection and published report formats when needed
4. Compile, analyze and construct appropriate and statistically relevant presentations to hold a general audience.
5. Draft and publish findings of survey results in statistical reports or related outlook study reports in a timely manner.
6. Maintain relevancy and defensibility of generally accepted procedures in providing official estimates on agricultural statistics.
7. Survey, capture and evaluate data from alternate sources to verify or support survey results.
8. Engage in dialog and build rapport with data users, providers, and commodity groups by attending industry meetings, conferences, and other agricultural meetings to improve responses to data collection and surveys.
9. Seek user feedback on agricultural statistics products developed and released to the public.
10. Fulfill appropriate requests for published information and statistical reports.
11. Continue to develop survey tools, networks of data sources and providers, diligently seek cooperation from agricultural producers, wholesalers/distributors, grocers, shippers, local/federal agencies, and other pertinent entities to develop informational resources and relational database system that will benefit decision makers, agricultural producers, and the overall agriculture industry.

12. Restoring the Department's data gathering and information dissemination service (which has been absent for many years) will contribute to increasing local food self-sufficiency, food security, and doubling local food production goals

Objective: Ensure data users have online access to published reports and agriculture statistics.

1. Post statistical reports online to the MANB website.
2. Maintain ease of access for data users to obtain published reports in a timely manner online.
3. Continue to improve website design and layout to attract data users.
4. Update the website with newly published reports as they are released.

Division/Branch: Agricultural Loan Division

Purpose: The objective of the State Agricultural Loan Division is to foster economic development in the state by stimulating, facilitating, and granting loans to farmers and aquaculturists.

Goal 1: To increase the overall number of loans and dollar amount loaned over time and provide assistance to the farming and aquaculture communities.

Objectives: Approve 25-30 loans annually with a dollar amount of \$5,000,000 or as much as is available in State funds. The Division will continue to focus on making loans and increasing servicing and collection effort.

1. Increase outreach efforts to increase awareness of the program and demand for loans statewide. Work with staff to ensure that loan applications are completed on a timely basis.
2. Monitor loan funds to ensure sufficient funds are available for approved loans. The program will prioritize participation loans and cooperating loans with other agricultural lenders to stretch limited loan funds.
3. Close loans and disburse loan funds on a timely basis.

Objective: To expand and preserve the agricultural and aquacultural industries. The target includes the creation or preservation of 100 agricultural/aquacultural jobs, expand or preserve 250 acres of agricultural lands annually and generate \$3,000,000 in annual farm income from new borrowers. The Division's focus will be to expand the agriculture industry to increase exports or reduce imports thereby helping

the State's economy and increasing food self-sufficiency. Although the Division has creation or retention of jobs, agricultural acreage, and annual income as targets these will not be factors in determining which loans will be funded or submitted for approval.

1. Retain/create agricultural jobs through direct loans or loans made in cooperation with commercial lenders.
2. Preserve or expand use of agricultural lands through direct loans or loans made in cooperation with other lenders.
3. Increase farm income through direct loans or loans made in cooperation with other lenders.
4. Conduct regular field visits to verify growth in acreage or increase in number of farm employees after loan funds are disbursed.
5. Tabulate and monitor acreage and employment data collected from borrowers.
6. Provide additional counseling services to farm operations affected by higher input and equipment costs affecting their profitability.

Goal 2: To operate the agricultural loan program by maintaining a quality loan portfolio with a reasonable level of delinquencies while supporting the agriculture and aquaculture industries.

Objective: Step up collection efforts on delinquent accounts and increase monitoring of current accounts. Collection efforts are important to ensure adequate funding for future loans. The Division will continue monitoring current accounts and work with delinquent borrowers to ensure timely repayment of their loans. The program is a lender of last resort and collection efforts need to be balanced with the need to assist the industry.

1. Keep delinquencies under 20% of the total loan volume.
2. Continue to monitor available fund balances, delinquent accounts and the overall health of the portfolio and status of the agriculture and aquaculture industries.
3. Ensure adequate monitoring of the Division's accounts, a target of 750 servicing contacts with borrowers will be maintained.
4. Continue to focus on development of individual repayment plans for delinquent borrowers to establish regular loan payments. Loan officers will closely monitor delinquent accounts and conduct periodic reviews of the borrower's performance and financial condition. Special attention will be made for operations affected by the COVID economic downturn and borrowers will be provided payment relief to assist in their survival and recovery.

5. Refer severely delinquent accounts to the Board of Agriculture on a timely basis and forward to the Office of the Attorney General for assistance in collections.

Division/Branch: Agricultural Resource Management Division

- Purpose: To develop and manage the State's agricultural resources by ensuring affordable and reliable irrigation water and infrastructure, productive farmland, and efficient and cost-effective processing, livestock slaughter and agricultural research facilities.
- Goal 1: Continue collaborative efforts with DLNR for transfer and review of Non-Agricultural Park leases to DOA to increase availability of land resources required for agriculture.
- Objective: Continue identification and transfer of Act 90 leases from DLNR Land Division which meet DOA's agricultural suitability criteria.
1. Review list for vacant land transfer.
 2. Continue working efforts with DLNR Land Division to bring conditional leases into compliance or cancel the lease for breach and transfer to DOA for disposition.
 3. Identify challenges and potential remedies necessary to facilitate process of fulfilling purposes of Act 90.
 4. Respectfully request BOA to place emphasis on expediting transfer of those unconditional parcels and conditional parcels with issues which may be easily resolved. Awaiting BLNR approval and E.O.s.
 5. Revisit non-acceptable parcels list of Act 90 parcels from DLNR to determine if lands are now suitable for transfer.
- Goal 2: Continue the implementation of Capital Improvement Projects that improve the efficiencies of the irrigation systems.
- Objective: Increase overall efficiencies in the irrigation systems to ensure the maximum amount of water collected is available for distribution.
1. Secure adequate funding to continue the construction of the proposed improvements to the irrigation systems.
 2. Review day-to-day operations to identify opportunities to refocus maintenance activities to take advantage of system improvements.

3. Connect with farmers to identify “joint” projects that allow the farmers to develop a sense of “joint ownership” for the systems.

Goal 3: Begin construction of the Royal Kunia Agricultural Park

Objective: Obtain phase I construction funding for Kunia Agricultural Park.

1. Complete easement negotiations for offsite utilities to the Royal Kunia Ag Park.
2. Complete design and complete discussions with adjacent developer to set timeline to provide necessary offsite utilities.
3. Complete design, open construction bids, and begin construction for phase I.

Division: Animal Industry

Branch: Animal Industry/Animal Disease Control and Veterinary Laboratory

Purpose: To protect livestock, poultry, and public health by preventing the entry of animal diseases into the State, and diagnosing, monitoring, controlling, and eradicating livestock and poultry diseases of economic and public health concern.

Goal 1: Conduct surveillance and response for Highly Pathogenic Avian Influenza (HPAI)

Objective: Continue to investigate notifications of illness and die off in poultry.

1. Contact and investigate notifications of unusual illness and die off in poultry.
2. Work with DOH NAHLN lab, USDA NVSL lab for laboratory samples, preliminary and confirmatory diagnostics.
3. Work with state and federal wildlife agencies to assist in conducting enhanced and targeted surveillance of wildlife.

Objective: Mitigate spread of infection

1. Respond to detections by movement restrictions, depopulation or other federally allowed method, clean and disinfection of premises.
2. Restrict and oversee materials, equipment movement and disposal.

3. Work with state and federal partner agencies to accomplish objective.

Goal 2: Safeguard against the entry of Foreign Animal Diseases (FADs)

Objective: Strengthen measures in place to mitigate and detect the occurrence of FADs in Hawaii.

4. Continue application for and utilization of United States Department of Agriculture (USDA) funds to train veterinary medical officers as foreign animal disease diagnosticians.
5. Continue to provide enforcement activities to assist USDA with ensuring garbage feeding swine operations statewide are compliant with laws and rules in place to prevent the introduction of FADs.
6. Continue to obtain poultry and other birds to collect samples for avian influenza virus testing.
7. Rapidly investigate disease outbreaks in animals to rule-out foreign animal diseases.

Goal 3: Enlarge and improve the Airport Animal Quarantine Holding Facility (AAQHF) at HNL.

Objective: Improve safety for customers and employees; biosecurity; and operational flow through the facility.

1. Begin and complete the project design phase FY 2021 (completed).
2. Secure additional funding if necessary, from designs FY 2022. (completed-partial funding)
3. Start construction FY 2025. (In progress)

Goal 4: Update plans to control and contain bovine tuberculosis (bTB) on Molokai.

Objective: Contain and control bTB in livestock on Molokai.

1. Work with USDA to fund bTB testing of cattle and wildlife on Molokai. USDA Wildlife Services TB Initiative project in process.
2. Work with USDA to conduct research on Molokai to determine the population size of the major wildlife species, determine the prevalence of bTB in those species, and implement demonstration programs to reduce the risk of transmission of bTB from wildlife to livestock. Project in process

3. Continue annual testing of all cattle herds on Molokai.
(Continuing)
4. Enforcement Quarantine Order 158 which restricts the movement of ungulates on and off of Molokai to prevent the spread of bTB from Molokai.
5. Annually review and amend bTB MOU with USDA APHIS as needed. (2025 review completed)

Objective: Work with producers to improve marketing of cattle.

1. Work with another state to allow feeder cattle import to finish with minimal impact.
2. Work with USDA APHIS and ARS to explore TB vaccination feasibility study for wildlife on Molokai. (Pending USDA Funding)

Goal 5: Develop carcass disposal plans for disease outbreaks in poultry, aquaculture, and livestock.

Objective: Develop plans for the disposal of animal carcasses resulting from natural causes, disease outbreaks, and planned disease control depopulations.

1. Examine methods of carcass disposal with respect to government regulations and animal disease control methodologies from USDA.
2. Develop protocols for the transportation of carcasses, disposal/burial methods, cleaning, and disinfecting after disposal.

Goal 6: Align the list of notifiable diseases with those of high consequence that may impact movement and disease response in Hawaii

Objective: Strategically examine the methods of response to animal diseases of high consequence to ensure alignment with response methodologies from the USDA.

1. Examine, and edit when applicable, animal disease preparedness plans to align with current response plans provided by the USDA.
2. Engage Hawaii's veterinary professional community to maintain vigilance in monitoring for the occurrence of reportable diseases in animals.

- Goal 7: Amend animal disease control administrative rules to strengthen disease control prevention and control measures.
- Objective: Update and strengthen animal disease control Administrative Rules.
1. Revise Trichomoniasis rules to prevent the introduction and spread, control outbreaks, and eradicate infections from cattle herds.
 2. Execute revised MOU with USDA APHIS for Scrapie. (In progress)
 3. Strengthen garbage feeding regulations to strengthen the State's ability to prevent the introduction of FADs.
- Goal 8: Continue the development of animal disease traceability processes used during an animal disease outbreak to reduce the magnitude of associated adverse economic impacts.
- Objective: Utilize Federal cooperative agreement funds to enhance intrastate and interstate animal disease traceability by encouraging premises registration and mitigating bottlenecks in animal disease investigations.
1. Seek funding from the USDA-Veterinary Services for equipment to facilitate animal disease investigations.
 2. Continue animal disease traceability activities through.
 3. Update technical equipment that supports electronic identification in the production of animal species such as cattle, hogs, and small ruminants.
- Goal 9: Improve laboratory support for animal disease surveillance and control programs to mitigate potential negative economic impacts on the animal industry and public health.
- Objective: Develop a new Veterinary Laboratory and services
1. Completed re-design for existing lab facility.
 2. Plans and construction phase in progress.
 3. Implement molecular diagnostics after lab improvements.
- Objective: Ensure timely laboratory testing in support of the Division and livestock, poultry and aquaculture industries.

1. Cross-train laboratory personnel to ensure that timely and high-quality laboratory diagnostic support is maintained.
2. Implement new methodology and equipment for disease testing and diagnosis.
3. Apply for Federal cooperative agreement funds, if applicable, to support laboratory activities in FY25.
4. Conduct surveillance testing for high impact disease agents that affect domestic animals by performing pathology examinations and collecting appropriate samples for laboratory testing.

Goal 10: Reestablish Hawaii State Meat Inspection Program.

Objective: Operate a state meat inspection program to augment federal FSIS meat inspection.

1. Reestablish Meat Inspector Positions with DHRD by end FY26.
2. Review, revise and reestablish Administrative Rules for program by early FY26.
3. Submit final program proposal for approval to USDA FSIS by FY27.
4. Recruit, fill positions, train staff late.

Goal 11: Continue pseudorabies and swine brucellosis surveillance and control measures agreed upon with USDA.

Objective: Control the spread of pseudorabies and swine brucellosis from infected feral swine to domestic swine herds.

1. Test 25% of domestic swine herds in the State annually.
2. Herds designated as high risk because of previous exposure or potential exposure to feral swine will be tested annually.
3. Continue testing of all sows and boars over six (6) months of age at slaughter.

Branch: Animal Industries / Aquaculture and Livestock Support Services

Purpose: To develop sustainable and profitable commercial aquaculture and livestock industries by encouraging a diversity of products, improving management practices and technologies, assisting with procurement of production related

infrastructure and resources, and providing direct assistance with regulations, disease prevention, marketing, and new business development.

- Overall Industry Goal:
- Boost farm incomes for all livestock, which includes aquaculture, operations in Hawaii by:
- increasing the total number of livestock on large and small farms
 - improving the efficiency of livestock operations
 - developing new marketing locally and abroad
 - facilitating new production systems.

Industry Advocacy and Development

- Goal 1:
- At the government level, increase the visibility of the aquaculture and livestock industries and their role in reaching Hawaii's sustainability goals.

- Objectives:
1. Act as the lead coordinator for statewide aquaculture and livestock program activities for County, State and Federal entities.
 2. Work closely with State and County lawmakers to develop and adopt pro-aquaculture and pro-livestock legislation.

- Goal 2:
- Increase local and export awareness and demand for aquaculture and livestock products.

- Objectives:
1. Develop and implement an industry marketing program with a goal to educate consumers regarding aquaculture and livestock as sustainable food solutions. Web marketing will be developed with print channels utilized as the budget permits.
 2. Work with selected industry segments to develop generic promotional materials (e.g., photography and brochures).
 3. Establish an economic foundation for the livestock industry through the development of institutional food programs.
 4. Work with industry associations, university, local processors, the culinary industry, and the Market Development Branch to develop new products and local markets for those products including (high quality grass finished beef, fresh local pork, locally unique added value products and locally influenced high quality ready to cook meals for local and potential export markets.

- Goal 3:
- Develop and implement aquaculture and livestock plans and policies by providing review and input into aquaculture governance propositions and representing the State at the Federal and international levels.

- Objectives:
1. Facilitate expansion of Federal/State sponsored offshore aquaculture development on species, systems, environmental impacts and

economic benefits and potential leases as the Federal Offshore Aquaculture Policy is developed.

2. Collaborate with national aquaculture organizations, such as the National Association of State Aquaculture Coordinators (NASAC) and the National Aquaculture Society (NAA), to provide feedback on developing aquaculture policies.
3. Represent the Hawaii aquaculture industry at aquaculture conferences such as Aquaculture America.
4. Represent the Hawaii livestock industries at national livestock development organizations such as the National Institute for Animal Agriculture (NIAA)

Goal 4: Develop resources and infrastructure to support local aquaculture and livestock production

- Objectives
1. Work with other departments and divisions to secure resources including leaseholds, water, processing facilities, etc. required to maintain and promote the local production of aquaculture and livestock.
 2. Work with Federal agencies and other divisions to secure CIP funds for the development and redevelopment of infrastructure critical to the survival and expansion of the aquaculture and livestock industries.
 3. Work with other divisions to amend rules to allow the aquaculture and livestock industries to obtain leases, water, and other resources at rates which these industries can bear. Assist in developing financing options that would allow the industries to develop and operate competitively and in a long-term sustainable manner.

Goal 5: Coordinate applied research to provide tools or resources for the aquaculture and livestock industries to improve production and productivity.

- Objectives
1. Undertake research for alternative sources of feed ingredients for aquaculture use.

Branch: Animal Industry, Rabies Quarantine Branch

Purpose: To protect animal and public health by reducing the likelihood that rabies virus will be introduced into the State and monitoring animal entries for alien pests that may carry human or animal diseases.

- Goal 1: Transition away from current paper-centric procedures to digital documents and processing for the importation of animals into the state. (Phase 1 completed FY26)
- Objective: Revise Airport Animal Quarantine Holding Facility (AAQHF) animal receiving intake application "APP" to include mobile capability along with check-in enhancements. (Completed)
- Objective: Enhance Animal Information System (AIS) Front Office, Finance and Accounting functions in the AIS system to simplify entry applications, notifications, refunds, identify outstanding balance accounts, etc. (mid-late FY26; Completed but undergoing troubleshooting and revision.)
- Objective: Enhance the Veterinary Dispensary AIS system module to accommodate digital document processing and review to eliminate or significantly reduce paper handling (late FY26; Completed but undergoing troubleshooting and revision).
- Objective: Improve interoperability between the Hawaii Pet Owner Portal (HIPOP), Neighbor Island Inspection Pet Entry Tracker (NIIPET), and AIS back office to seamlessly process applications, payments, document review, receive confirmations, pet qualification, and issue permits.
- Commence build and deploy during FY26-27. (Partial completion, not operational)
- Goal 2: Improve the processing of customers arriving at the AAQHF.
- Objective: Additional improvements to check-in FY25.
- Goal 3: Plan and move the existing Animal Quarantine Station (AQS) facility to accommodate planned Oahu Community Corrections Center Relocation to AQS Property.
- Objective: Plan, design and build new AQS to accommodate program activities.
- Complete design planning phase in -progress by end of FY25
- Acquire funds, commence construction FY26. (In progress)
- Complete construction FY28.
- Goal 4: Upgrade sewage pretreatment plant per Department of Health (DOH) Clean Water Branch Notice of Violation and Order.

1. Commence upgrades as funds allow CY 2020-22 (DAGS project started 2nd Quarter FY 21, construction still in progress,).
2. Complete upgrades in FY26. (project still under construction, extensive delays)

Goal 5: Continually apply new information on rabies virus and public policy to analyze the quarantine program and respond to fund performance, needs of users, the general public; and to direct airport release and reduced quarantine periods.

Objective: Review rules and regulations on an ongoing basis to be consistent with new rabies scientific research findings, and program rules and regulations effects on operations.

1. Continue to evaluate the effects of 2018 HAR amendments through FY22 and propose further amendments, if warranted in FY26-27.

Division/Branch: Plant Industry Division

Purpose: To safeguard Hawaii's agricultural industries, natural resources, and public health from the adverse impacts of invasive pests and plant diseases, and illegal non-domestic animals by preventing their introduction, spread, and establishment; to conduct effective and science-based plant pest control and biosecurity activities; to support agricultural productivity and agribusiness development by facilitating the export of agricultural and horticultural commodities; and to ensure the safe, efficient, and environmentally responsible use of pesticides while minimizing risks to humans and the environment.

Goal 1: To protect Hawaii's agricultural industries, natural resources, and public health from the entry, spread, and establishment of harmful insects, diseases, illegal non-domestic animals, and other injurious pests.

Objective: To reduce the entry and establishment of pests and invasive species through pre-entry measurement, border inspections, compliance activities at ports of entry, and target post-entry response and eradication efforts.

1. Increase the existing level of state funding for Plant Quarantine Branch (PQB) inspectors and programs, while aggressively pursuing federal funds to support priority biosecurity programs. PQB has been consistently awarded US Department of the Interior grants to fund the Hawai'i Detector

Dog Program (HDDP) and the Brown Tree Snake (BTS) Interdiction program. Completion Date: Ongoing.

2. Establish Biosecurity Inspection Facilities at airports and seaports statewide for the inspection of agricultural products and other regulated commodities by appropriate Quarantine Programs [State Quarantine, United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ), and Homeland Security, Customs and Border Protection (CBP)]. Completion date: Ongoing. Five transitional facilities are currently in operation.
3. Increase the resources necessary to effectively mitigate increased pest pressure from global trade by collaborating with federal and state agencies and encouraging public-private partnerships. Ongoing examples include the Rapid 'Ōhi'a Death (ROD) Working Group, annual training with USDA National Detector Dog Training Center for canine handlers detecting BTS and other regulated plant materials, and active participation in the Hawai'i Risk Assessment Committee, Hawaii Invasive Species Counsel, and the Coordinating Group on Alien Pest Species. Continue to work with online retailers to restrict the importation and sale of various regulated commodities such as microbial products, biocontrol agents, and restricted plants into Hawai'i. Completion date: On-going.
4. Expand the existing nursery certification program by developing a compliance program for interisland movement of nursery stock and by entering into new compliance agreements with other states and/or countries to reduce risk of pest movement between islands, states, and foreign countries on nursery stock. Renewal of Master Permit QC 650 that maintains the exemption of orchid plants from root sampling and no changes from the prior permit for shipping to California. Continued implementation of a Nursery Stock Certificate program that allows participants to self-certify shipments moving inter-island as well as to select U.S. mainland destinations. Additional on-going examples include the joint development and continued collaboration with the Oregon Department of Agriculture and the Washington Department of Agriculture to utilize and maintain best management practices with Christmas tree growers and shippers and maintaining the compliance program for ROD to allow the shipping of potted plants in soil as a planting media. Completion Date: On-going.
5. Expand and enhance the electronic transporter manifest system and electronic importer manifest system to more efficiently schedule inspections and be able to prioritize and inspect higher-risk commodities. Maintain use of a web-based data entry system to facilitate the standardization of data and

information that is submitted electronically. PQB continues to utilize the new electronic database named "Kupono" and has worked with Pacific Point Inc. to make enhancements, including digitization of the Agricultural Declaration form into what is known as Akamai Arrival. PQB continues to work with selected importers to ensure web-based electronic manifest system is compatible with user needs. Completion date: On-going.

6. PQB continues to issue and revise permits for the importation and/or possession of restricted plants, non-domestic animals, known cultures of microorganisms, microbial products, and soil, with requirements designed to minimize the risk of pest introduction, escape, or unintended release into the environment. Completion date: On-going.

Goal 2: To conduct effective plant pest control programs as a post-entry initiative.

Objective: To contain, control, and, where feasible, eradicate plant pests and invasive species established in Hawai'i through integrated pest management, including chemical, mechanical, cultural, and biological control strategies, and through enhanced detection, diagnostics, and coordinated response activities.

1. Prevent distribution of noxious weed seeds by examining seed shipments originating from foreign and domestic seed sources for exotic seeds, such as fireweed, cogon grass, and jubata grass. Completion date: On-going.
2. Conduct statewide pest detection and monitoring to delineate infestations of regulated pests for control or eradication. Determine statewide distribution of noxious weeds (e.g., fireweed and fountain grass), plant diseases (e.g., coffee rust, Fusarium wilt, brown root rot), insect pests (e.g., little fire ant) and coqui frogs. Utilize GIS technology to map results for use in planning and communication with decision makers such as USDA APHIS Cooperative Agricultural Pest Survey program (CAPS) and other surveys conducted by Plant Pest Control Branch (PPC) staff for plant pests. PQB also uses GIS technology for BTS trapping and other rapid response efforts. PQB staff responds to the statewide pest hotline, conducts pest detection in urban areas, and monitors pests within certified nurseries statewide. Completion date: On-going.
3. Increase pest and invasive species monitoring, detection, and diagnostic activities to detect, identify, delineate, and eradicate incipient infestations of invasive alien species, such as the red imported fire ant, Africanized honeybee, coconut rhinoceros beetle, BTS and many other serious pests not yet found in

Hawai'i or very limited in distribution. Seek extension of present federal funding support and new funding to increase personnel, equipment, and supplies necessary to implement this action. PQB has received federal funding to monitor and detect BTS utilizing the HDDP, spotlighting fence lines around military bases, and utilize long standing snake traps in select areas on military bases. Completion date: On-going.

4. Seek funding such as federal and private sector funding to supplement operating funds to conduct foreign explorations to search for and introduce potential biocontrol agents of targeted weeds and plant pests, such as fountain grass, coffee berry borer, fire weed. PPC Branch has established broader partnerships to identify opportunities to cost-share biocontrol projects. Ongoing communication is occurring with Australia, New Zealand, South Africa, and other states for projects such as fireweed, fountain grass, Albizia, devil weed, gorse, and Christmas berry. Collaborations have been negatively impacted by an inability to ship biological control agents between countries due to restrictions imposed by COVID-19 and the subsequent loss of air lift capacity Completion date: On-going.
5. Participate in an Insect Diagnostic Identification Network for Hawai'i and the American Pacific among the land grant universities and departments of agriculture in Hawai'i, Guam, American Samoa, Commonwealth of the Northern Mariana Islands (CNMI), and Federated States of Micronesia (FSM). Funding will be sought from the University of Hawai'i Research, Education and Extension Service (UH-CREES). Completion Date: On-going.
6. Duties of the apiary staff were re-written to focus on biosecurity. Extension and education activities have been transitioned to the University of Hawai'i although recent departures have left the Assistant Researcher position vacant. Support to Hawaii's queen bee rearing industry through inspection and certification remains in place. Most of the queen bee producers currently located on Hawai'i Island. PPC Branch staff are working directly with USDA, the Apiary Inspectors of America, and the Canadian Food Inspection Agency to insure the flow of honeybee queens to North America. Hawai'i remains the source of approximately 50% of all honeybee queens supplied to North America. Completion Date: On-going.
7. Upgrade biocontrol facilities and/or investigate the potential for building new modernized facilities (or mobile facilities) to increase the biocontrol program's capabilities to respond to new emerging and established pests. Budget requests for planning and design appropriations were submitted and

approved by the Legislature. Initiated assessments of existing facilities in other states and countries, establishing collaborative relationships with their program managers and investigating options for improving the Department's biocontrol facilities. PPC Branch has begun investigating modular prefabricated facilities to eliminate cost-over runs and ensure facilities can operate as expected. Completion date: On-going.

8. The Coffee Berry Borer (CBB) Pesticide Subsidy Program was established by Act 105, SLH 2014, to assist Hawai'i coffee farmers with the cost of pesticides containing *Beauveria bassiana* for CBB control. The program launched in 2016, providing reimbursements for approved purchases made between July 1, 2016, and June 30, 2018. The Legislature extended the program through June 30, 2021, via Act 65, SLH 2017. In 2021, the program was expanded to include pesticides approved for Coffee Leaf Rust (CLR) via Act 138, SLH 2021, which also extended the subsidy through June 30, 2023. Most recently, Act 216, SLH 2023, extended the combined CBB/CLR subsidy program through June 30, 2025. Although no further extension has been authorized, DAB intends to continue supporting the program using general funds.
9. Created an online pest dashboard for high impact pests (avian influenza, CRB, LFA, Coqui) pursuant to Act 236, SLH 2025. The dashboard provides information about Departmental work on the aforementioned species through GIS and species-specific data. Completion date: On-going.

Goal 3: To enhance agricultural productivity and agribusiness development by facilitating export shipments of agricultural and horticultural materials and products.

Objective: To provide opportunities for Hawaii's fresh fruits and vegetables and nursery products to access new markets.

1. Assist in accessing new markets for Hawai'i-grown fresh agricultural products, including initiatives to have post-harvest quarantine treatment facilities in Hawai'i available for use by all growers wishing to move products to export markets currently restricted because of state and/or federal quarantine prohibitions; and collaborate with federal agencies to expedite the export of new products. The ban on exporting avocados from Hawaii to the continental US by the USDA-APHIS was lifted in 2013. Local growers are transitioning to the Sharwil variety, the only variety allowed for export to certain states. Additional commodities, such as wasabi, cacao pods, passion fruit, sweet granadilla, and limes, are being evaluated for potential export to the continental United States. With the

ongoing restriction on the introduction of Myrtaceae into the State, the division continues working closely with local florists and industry growers to meet current demand while advancing import-replacement efforts. Completion Date: Ongoing.

Goal 4: To support the appropriate and legal use of pesticides and minimize their possible adverse effects on humans and the environment.

Objective: To prevent injury from pesticides by working with the Hawaii Poison Center and working to reduce the total number of pesticidal poisoning incidences by the end of FY 2025.

1. Conduct pesticide inspections to ensure compliance with federal and state regulations. This assures that health and safety requirements are being met by proper distribution and use of the product. Inspection types are listed: Agricultural use, Urban Structural Use, Complains, Marketplace Surveillance, Certified Applicator Records, Special registrations, Dealer records, and producer establishments.
2. Develop a pesticide database to track compliance rate, repeat violators, costs per enforcement action, inspection schedules, applicator certification progress, licensed pesticides, and more.

Continue maintenance of current Education and Registration system and develop a more efficient database system for all sections of the Branch. Completion date: On-going

3. Increase pesticide education outreach to applicators of pesticides to reduce the potential for pesticide misuse affecting human health and the environment.

Increase marketplace consultative visits by Education staff to ensure information is provided to retailers regarding the sale, storage, and signage of pesticide products.

Continue notifying applicators and their employers of the reporting requirements, prioritizing those that have failed to report before the deadline. Completion date: On-going.

4. Continue outreach to the regulated community and the community at large with respect to 100 feet buffer zones around schools. GIS maps and analysis to determine where there may be issues with compliance of Act 45 are available online and will continue to be updated when necessary. Completion date: On-going.

- Objective: To support Hawaii agriculture and conservation initiatives through issuing Experimental Use Permits (EUPs), Special Local Needs (SLNs), and Emergency Exemptions (EE).
1. Continue to review and process EUP applications. Completion date: On-going
 2. Continue to review and process SLN applications. Completion date: On-going
 3. Continue to review and process EE applications. Completion date: On-going

- Objective: To manage pesticide use to minimize environmental effects and maintain important pesticide uses. To have no increase in the number of drinking water sources having a pesticide residue level in excess of 10% of a regulatory limit.
1. Fund research to enable informed decision-making on pesticides potential to leach into the water supply. Completion Date: On-going.

- Objective: To enhance the pesticide regulatory program through effective program management and data collection.
1. To achieve a 75% compliance rate with pesticide distribution and use requirements by monitoring sales reports, inspections of RUPs, and the annual reporting of RUPs. Completion date: On-going.
 2. To identify activity areas not achieving 90% compliance, identify reason for non-compliance and determine actions recommended to attain better compliance rates. Completion Date: On-going.
 3. Outreach to pesticide users is conducted by education staff who are required to follow up on advisory, warning, and violation notices to increase follow through on required actions by the violators. Completion date: On-going.
 4. Maintain and develop a database of RUP sales for more efficient reporting by dealers and to better inform the general public of RUPs sold in the State of Hawaii. Completion date: On-going
 5. Maintain and develop a database and application for Android and iOS for annual reporting of all RUPs used Statewide.

Create a summary of RUP use available for the public.
Completion date: On-going.

6. Pesticide Drift Monitoring Study

A pesticide drift monitoring study has been contracted with the University of Hawaii to determine the best path forward for conducting the pesticide drift research on 3 islands.
Completion Date: 2028.

Goal 5: Increase workforce capacity within the Division.

Objective: Fill vacant positions provided by the Legislature. Anticipated completion date: On-going

1. PQB worked closely with DHRD and the Administrative Services Office for the conversion of the "Plant Quarantine Inspector" Series to the "Biosecurity Inspector" series. The minimum qualifications were broadened to increase the applicant pool to enable timely recruitment of line inspectors. The PPC and Pesticides Branches have continued to recruit existing vacancies. The PQB and Pesticides Branches, with support from DHRD, conducted the first-ever rapid recruitment event for Biosecurity Inspectors and Environmental Health Specialists. Completion date: On-going.
2. PPC is establishing new job descriptions for newly established hard-to-fill technical positions, such as entomologists, to entice qualified employees. The Division is also working on developing a new blue collar job series, the Biosecurity Technician, to meet the demand for increased capacity to enact biosecurity activities, yet not require a college degree to do so, which is a requirement for most Division positions. Completion date: May 2026
3. The Division created a position and hired a GIS Specialist to manage the online Pest Dashboard. The GIS Specialist is working with partners to enable them to incorporate their data into the dashboard. Completion date: November 2025

Division/Branch: Quality Assurance Division

Purpose: To ensure food safety and quality in agricultural products, measurement accuracy and fairness in the marketplace.

Goal 1: Stabilize workforce and improve efficiency within the Division.

Objective: Restore positions lost due to attrition and budget reductions. Anticipated completion date: On-going

1. Create and fill additional positions to restore Division personnel count.
2. Rewrite job descriptions to provide statewide coverage.
3. Develop training program for new inspectors.

Goal 2: Improve focus on delivering quality assurance services.

Objective: Look after the interests of the consumers and businesses; assuring accuracy of measurement, packaging, labeling, and pricing of commercial goods to prevent unfair practices. Completion date: On-going.

1. Provide technical assistance and traceability of measurement standards.
2. Conduct tests to determine accuracy of measuring devices and packaged goods, and compliance with labeling and pricing requirements.
3. Licensing of dealers and assure proof of ownership of agricultural commodities to deter agricultural theft.
4. Registration of measuring devices to ensure conformance with laws regulating measuring devices.
5. Conduct certification of agricultural commodities for genetic purity, quality, condition, and origin.
6. Conduct audits to assure producers are following good agricultural and good handling practices.
7. Assist agricultural producers in meeting requirements of the U.S. Food and Drug Administration's Food Safety Modernization Act.

**REPORT TO THE THIRTY-THIRD LEGISLATURE
2026 REGULAR SESSION
STATE OF HAWAII**

**ANNUAL REPORT ON THE BIOSECURITY PROGRAM
IN RESPONSE TO ACT 236, SLH 2008**



Prepared by:

**THE STATE OF HAWAII
DEPARTMENT OF AGRICULTURE AND BIOSECURITY**

DECEMBER 2025

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SECTION I

Background

A. Act 236, 2008 Session Laws of Hawai'i

Act 236 of the 2008 Session Laws of Hawai'i recognized that the unchecked spread of invasive species is a threat to Hawai'i's unique natural resources, agricultural economy, and the health and lifestyle of Hawai'i's people. Act 236 created a Biosecurity Program within the Department of Agriculture and Biosecurity (Department) to support the Department's efforts in combating pests and invasive species. In particular, Act 236 recognized that the Department was undertaking several activities to fight invasive species by:

1. Administering pre-entry measures to minimize the risk of invasive pests entering the State;
2. Conducting port-of-entry inspections to detect and quarantine or destroy pests upon arrival; and
3. Administering post-entry measures to mitigate the establishment of pests in the State.

Additionally, Act 236 acknowledged the Department's efforts to reduce the State's dependency on imported agricultural products by increasing the capacity of Hawai'i's agricultural industry, which in turn would reduce the risk of accidentally introducing invasive pests into agricultural commodities. The Biosecurity Program was created to support the Department's ongoing efforts to combat invasive pests. The Legislature also established the Pest Inspection, Quarantine, and Eradication (PIQE) Fund to finance a portion of these activities.

B. Role of the Hawai'i Department of Agriculture and Biosecurity

Efforts to prevent the introduction of new pests or invasive species; to eradicate, if feasible, pest or invasive species incursions; and to control and mitigate already established invasive species are carried out by multiple divisions and branches within the Department. Multiple funding sources support these activities, including general funds, PIQE funds, and federal funds.

The Plant Industry Division is composed of the Plant Quarantine Branch (PQB), Plant Pest Control Branch (PPC), and the Pesticides Branch. All three branches play essential roles in biosecurity and work closely together to accomplish program objectives.

PQB is primarily responsible for regulatory compliance, including inspections, certifications, permitting, and compliance activities related to agricultural commodities (live plants; non-propagative plant parts such as fresh produce, cut flowers, animal feed; non-domestic animals; microorganisms; and soil) at ports of entry to prevent the introduction and interisland spread of

new or existing pests and invasive species. PQB works closely with its federal partners—Department of Homeland Security, U.S. Customs and Border Protection (CBP), U.S. Department of Agriculture Animal and Plant Health Inspection Service (USDA-APHIS), and USDA-APHIS Plant Protection and Quarantine (PPQ)—to prevent the introduction of pests into the State.

PPC's primary focus is the detection, response, eradication, containment, and control of pests that have bypassed inspections at the ports of entry, including the establishment of baseline surveys around ports. PPC staff work with farmers, homeowners, and businesses to treat, prevent, and, where possible, eradicate invasive species threats when discovered.

The Pesticides Branch ensures that pesticide technologies needed for these efforts are available and properly used.

Specific activities of the Plant Industry Division relating to biosecurity include:

Prevention – Activities to prevent the introduction of pests or invasive species

- Inspection at ports of entry of agricultural commodities entering the State and moving between islands.
- Issuance of permits for the importation and possession of restricted commodities such as restricted plants, non-domestic animals, microorganisms, and soil.
- Origin certification programs for high-risk commodities (compliance agreements between the origin state, commodity handlers/shippers, and the destination state) designed to minimize or eliminate pest risk levels.

Diagnostics – Identifying agricultural pests and invasive species

Includes insects and other invertebrates such as slugs, snails, and nematodes; plant pathogens; non-domestic animals; known cultures of microorganisms; and noxious weed identification.

Early Detection – Proactive surveillance

Proactive surveillance to detect and locate incipient infestations of pests or invasive species that may be introduced. Most monitoring activities are subcontracted to the University of Hawai'i (UH) College of Tropical Agriculture and Human Resilience (CTAHR) using federal or state funds.

Rapid Response – Immediate actions

Immediate delimiting surveys, control efforts, and eradication measures to detect, capture, or eliminate a single threat or incipient population of pests or invasive species before they become established.

Monitoring – Ongoing surveys

Ongoing surveys to track the presence, absence, and status of introduced pests and invasive species over time, and to evaluate the effectiveness of prevention, control, and restoration activities. Most surveys are subcontracted to UH-CTAHR with federal or state funds at high-risk areas, including airports, harbors, surrounding port environments, agricultural lands, and selected protected areas.

Biological Sampling

Ongoing sampling to track the status of existing species over time and evaluate the effectiveness of prevention, control, and restoration activities.

Research and Development

Development of scientific knowledge, methods, and technologies to prevent, detect, control, and/or monitor invasive species, and to assist in implementing technologies to manage pest or invasive species impacts on agricultural production.

Education and Outreach

Actions taken to increase public awareness of the importance of pest and invasive species control.

Partnerships and Cooperative Activities

Cooperative efforts with agricultural stakeholders; federal, state, county, and private partners; and domestic and international partners and agreements.

Information Management

Activities facilitating access to and the exchange of information concerning pests and invasive species, including storage and sharing of data and databases.

Quality Control Programs

Activities to measure levels of effectiveness, including ongoing risk assessments to determine pest-risk pathways, evaluate mitigation activities, and reprioritize inspection activities for pests or invasive species.

Quarantine Treatment Facilities

Government-certified “shared” treatment facilities approved to conduct disinfestation treatments to recondition and/or destroy shipments infested with quarantine pests, or to subject shipments to treatments that exterminate quarantine pests.

Permitting

Issuing permits based on statutes, administrative rules, and prior Board of Agriculture and Biosecurity decisions to ensure that regulated commodities can be appropriately imported into the State without introducing pests or invasive species or becoming invasive themselves. Permits are also issued for the interisland movement of regulated commodities to prevent the movement of pests or invasive species from one island to another.

Compliance and Enforcement

Activities that strengthen enforcement of quarantine laws and regulations. Examples include visual inspections at ports of entry for regulated goods that may have bypassed normal inspection procedures and market surveillance of retail establishments that import regulated goods.

Export Programs

Providing services to facilitate the export of pest-free agricultural goods to domestic and foreign markets.

SECTION II

Description of Projects and Activities Funded by the Pest Inspection, Quarantine, and Eradication Fund

Inspections

PQB has offices statewide, primarily located at or near the ports of entry (airports/seaports), with 95 inspectors/aides/technicians responsible for day-to-day operational activities. Regulated commodities include the following: propagative plant material; cut flowers and foliage; fresh produce; other agricultural products in the natural or raw state; forage such as moss, hay, straw, or dry grass; unmanufactured logs, timber, or plant products, unprocessed or in the raw state; soil; microorganisms; non-domestic animals such as live birds, reptiles, nematodes, or insects in any stage of development; and associated containers/vehicles used to transport regulated commodities.

Import inspections of regulated commodities are primarily conducted at the ports of entry with inspectors inspecting imported goods at airports, seaports, importer/freight forwarder facilities, express mail carriers such as FedEx/UPS/DHX, and the U.S. Postal Service. Highly perishable commodities arriving via surface vessel are inspected at importers' facilities. In FY 25, 8,238,266 lots of regulated commodities were inspected, with 2,856 lots requiring treatment, destruction, confiscation, or shipment out of the State.

Data Management

PQB continues to utilize its Kupon system for data management statewide. Additional enhancements continue to be made, including upgrading online pest reporting; the incorporation and implementation of phytosanitary certificate generation and maintenance; export certification; and interisland certifications. Reporting has been refined, and more customized reporting is now enabled. The E-manifest system continues to be utilized. The Department recently hired a GIS Program Manager who is finalizing the Pest Dashboard, which is required to be operational by December 1, 2025, pursuant to Act 236, SLH 2025.

PQB also implemented the Akamai Arrival program, which digitized the required Plant and Animal Declaration form. After the implementation of a pilot program, which began on March 1, 2025, all airlines are now participating statewide. The program averages about a 73% completion rate for declarations submitted, compared to approximately 60% with the paper forms. An added benefit is that there is a significant reduction in the need for paper forms, and PQB staff are now generally able to know what items have been declared prior to arrival, and can meet passengers as they deplane, increasing compliance. The program continues to make refinements to enhance the user experience and is expected to be incorporated into other travel-related programs.

Permit Processing and Issuance

PQB issues permits to import and/or possess restricted plants, non-domestic animals, microorganisms, and soil into the State. Microbial product registrations are also issued for the importation and sale of microbial products in the State. Under certain circumstances, permits for intrastate movement are also issued for Rapid 'Ōhi'a Death host materials such as 'Ōhi'a logs for construction or coffee beans/plants. A permit can be issued for a single shipment or an unlimited shipment and expires one year from the date of issuance or upon use, in the case of a single shipment permit. This system balances the needs of private individuals and commercial businesses against the need for regulation of regulated commodities to prevent the entry of pests or diseases and to assess associated fees. The majority of these permits are

administratively issued based on past approval by the Board. New requests require Board approval before a permit can be issued.

In FY 25, PQB issued 620 permits for the importation of restricted plants, non-domestic animals, microorganisms, and soil. Two hundred eleven Letters of Authorization for the importation of Nonrestricted Microorganisms were issued. Three hundred twenty-nine microbial product registrations were issued. Forty-four intrastate permits were issued.

Snake Handling Program / Brown Tree Snake Interdiction

PQB places a high priority on preventing the introduction of any snake species into the State. As Hawai'i has no native snake species, the establishment of any snake species could lead to a similar situation as in Guam, where the introduction of a single species, the Brown Tree Snake, *Boiga irregularis*, significantly altered the ecosystem on a landscape scale by eradicating most native bird species and altering people's way of life due to risks to infrastructure.

To mitigate this risk, PQB created a Snake Handling Program, which is held at least annually and trains 5-8 staff at a time. A portion of the training is conducted in Honolulu using classwork and snakes already in PQB's possession, with the final one-week training conducted in Guam. Guam was selected for this program as it provides staff with the safest opportunity to deal with wild snakes with minimal risk of personal injury, because BTS are only mildly venomous, and no known cases of severe human illness or death have been documented. Searching for and handling a wild snake is the closest representation to what could actually happen in Hawai'i during a rapid response event.

Training is conducted in conjunction with the U.S. Geological Survey (USGS), with the use of Guam National Guard facilities, and includes Hawai'i-specific components, such as determining whether a snake is venomous prior to capture, even though this is not emphasized in Guam's USGS Rapid Response Program, where only BTS occur.

Since the inception of the program, DAB has trained approximately 80% of its staff statewide, with trained staff on Kaua'i, O'ahu, Maui, and in both Kona and Hilo on Hawai'i Island. A typical training session involves three (3) trainers and two to three (2-3) trainees per trainer. Trainers arrive in Guam beforehand to set up facilities, capture snakes for initial use, and ensure that search areas are safe for search activities and trap deployment. This program ensures that PQB has the capacity to deploy trained staff statewide for any credible report of a snake.

Two training sessions occurred in 2025. The first was held April 21-25, certifying 5 inspectors (3- O'ahu, 1- Hilo, 1-Maui) and the second was held September 8-12, 2025, certifying another five inspectors (4-O'ahu, 1-Hilo).

PQB also applies for a federal grant through the U.S. Department of the Interior for BTS interdiction activities but has not yet been awarded funding. PQB has applied for and received the same grant each calendar year since 2020, so PQB is hopeful that this funding will continue. However, with the current Presidential administration, PQB is uncertain if this funding source will continue. This grant provides funding for inspections of aircraft or ships from Guam or other areas where BTS is known to be established; equipment, care, and supplies for three trained detector dog teams; and trapping/surveillance activities at Joint Base Pearl Harbor Hickam three times per week.

In FY 2025, 98.2% (1,463 of 1,489) flights were inspected and cleared. It should be noted that these flights can arrive 24 hours a day, 365 days of the year, often with very little notice to dispatch an inspector. Should the grant cease, PQB will continue operations with existing funds, or seek alternative funds until a change in the administration which may restore the funding.

Pest Referrals / Rapid Response

PQB responds to all credible reports of actionable pests or prohibited animals across the State. In FY 25, 352 reports were received statewide for a variety of organisms, including coqui frogs, snakes, skunks, iguanas, opossums, and bearded dragons. Not all reports turn out to be pests of concern; for example, reports may involve greenhouse frogs misidentified as other species. However, if staff are unable to make a determination when speaking with the reporter, they will still respond in person to make an official determination.

The Plant Pathology Unit responded to four plant disease-related pest referrals. One case originated as a pesticide complaint in which pesticide inspectors suspected a disease issue. Another case involved a suspected occurrence of Rapid 'Ōhi'a Death (ROD); diagnostic testing by USDA-ARS in Hilo confirmed it was not ROD. The remaining two referrals concerned suspected *Fusarium* wilt in banana plants from two separate farms. Laboratory analyses confirmed the presence of *Fusarium oxysporum* f. sp. *cubense*, but not the highly virulent tropical race 4 (TR4). Diagnostic support was provided by the Mycology Laboratory at UH-CTAHR.

Some notable responses:

Skunk — Kaka’ako (June 2025)

A skunk was captured in Kaka’ako after the Honolulu Police Department received a report of it in a park. HPD officers arrived on scene and contained the animal in a plastic garbage can. They notified PQB staff who took possession of the animal. It was later humanely euthanized for rabies testing and tested negative for rabies.

Ball Python — Kaimukī (June 2025)

A live non-venomous ball python was captured in a Kaimukī backyard. The homeowner reported the animal to HPD after seeing it move. They noticed it earlier but thought it was a toy, so did not report it until they saw it move. HPD officers contacted PQB who picked the snake up. After searching the area, no other snakes were found and based on the animal’s condition and demeanor, it was likely an escaped illegal pet.

Opossum — Kona (January 2025)

A live opossum was captured in a trap set by a big box store in Kona. The animal was transferred to PQB staff the following morning. The animal was humanely euthanized for rabies testing and tested negative for rabies.

Opossum — Iwilei (December 2024)

A live opossum was captured at a big box store in Iwilei on Oahu. PQB staff received a report of the animal in the area. Staff searched the area and deployed traps, capturing the animal two days later. The animal was humanely euthanized for rabies testing and tested negative for rabies.

Gopher Snake — Hilo (November 2024)

A live gopher snake was found in a shipment of Christmas trees by employees of a big box store in Hilo. Employees secured the container and called PQB staff who responded immediately and captured the snake. Staff then inspected all other trees in the shipment, and no other snakes were found.

Coqui Frog Responses

PQB staff conducted 218 coqui responses on O’ahu and captured 2,287 coqui in FY ‘25. PQB continues to work with partners (DLNR, OISC, and the community) to respond to a population in Waimānalo. PQB is working with OISC on a population in Pālolo Valley. PQB also conducted 56 citric-acid treatments, utilizing 8,764.68 pounds of citric acid. The amount also includes citric acid provided to partners for application under PQB supervision.

Little Fire Ant (LFA)

In FY 2025, PQB conducted 82 Little Fire Ant (LFA), *Wasmannia auropunctata*, surveys across Oahu. A total of 31,032 samples were taken, with 2,791 being positive for LFA at

22 sites. In FY 24, PQB also confirmed a site at Honolulu Harbor for a new species of ant, *Trichomyrmex sp. nr. mayeri*, which was referred to PQB by the Hawai'i Ant Lab. Treatments are ongoing in the area.

PQB staff are also working with Rentokil-Terminix through a contract to conduct treatments of residential areas with funds provided through Act 231, SLH 2024. The treatments began in March 2025, and 104 residential treatments were conducted. PQB staff also conducted 9 treatments on Oahu. The treatments are ongoing and are expected to expand to Maui, Kaua'i, and Hawai'i Island in CY26.

Coconut Rhinoceros Beetle (CRB)

In FY 25, PQB conducted 159 surveys for Coconut Rhinoceros Beetle (CRB), *Oryctes rhinoceros*, on O'ahu, totaling 2,352 trees and four breeding sites. The contract with HTM Contractors, Inc. to remove dead palm trees on public lands using funds appropriated by ACT 231, resulted in 105 trees being removed. PQB staff applied a total of 848 CRB treatments (230 foliar spray, 400 trunk injection, 211 root injection, and 7 soil drench). Staff continue to survey and treat trees and utilize the existing contract to remove additional trees, with expansion to Kaua'i in CY26.

New Plant Pathogen Detection: Monstera Rust

The Plant Pathology Unit detected a new and significant pathogen affecting the ornamental plant industry — a rust disease on monstera (*Pseudocercospora paullula*). Survey data indicate that this was an early detection of the pathogen in Hawai'i. One site on Kaua'i had approximately 200 infected landscape plants that had originated from the nursery where the pathogen was first identified. Upon notification, the site manager promptly removed infected leaves, applied recommended fungicide treatments, and continued to monitor for new infections. Outreach articles and management resources were developed and distributed to inform growers and industry stakeholders of this emerging threat.

Nursery Certification and Compliance

PQB continues to operate a compliance program with selected nurseries that ship nursery stock in soil for Rapid 'Ōhi'a Death (ROD) mitigation. This program includes best management practices and periodic soil testing for the ROD pathogen.

PQB also maintains compliance with the QC650 Master Permit issued by the California Department of Food and Agriculture, which was renewed on September 30, 2025. The permit allows compliant nurseries to self-certify shipments of clean nursery stock to California and the

U.S. mainland, provided shipments are pest-free and meet stringent requirements for production, pest management, facility design, data sharing, and semi-annual inspections that include root sampling for plant-parasitic nematodes.

Statewide, 110 nurseries are certified under this program. To maintain compliance, 248 inspections were conducted, and 22,685 plants were tested for nematodes or other quarantine-significant pests.

Christmas Tree Inspection Project

PQB continues to collaborate with the Oregon Department of Agriculture (ODA) and Washington State Department of Agriculture (WSDA) to maintain best management practices (BMPs) and inspection protocols with Oregon Christmas tree shippers to ensure shipments are pest-free.

The BMPs continue to be successful, with Figure 1 below showing the non-compliance rate for shipments found to be infested with pests at the inspection, with an average 97% compliance rate over the last five calendar years. The trend of high compliance appears to be continuing for this year's shipments.

Figure 1. Inspection totals

Calendar Year	Total	Non-compliant	Passed	Compliance %
2020	154	12	142	92%
2021	148	3	145	98%
2022	146	2	144	99%
2023	120	0	120	100%
2024	136	1	135	99%

Investigations

The penalties for violating HRS 150A are criminal in nature. The Department maintains a Memorandum of Understanding (MOU) with the Hawai'i Department of the Attorney General (HDAG) to investigate violations. PQB inspectors conduct inspections (administrative searches) at ports of entry statewide to ensure that shipments of regulated commodities comply with statutes, administrative rules, permit conditions, and other regulations prior to entering the State. PQB inspectors may take administrative action on non-compliant shipments, such as refusing entry into the State or requiring treatment or destruction.

PQB maintains a policy of issuing written warnings for first-time violations. This policy has been highly effective, resulting in only one repeat violator in FY 2025. The repeat violator was not

penalized because the investigation found that the shipper had sent organisms without any evidence that the importer caused or facilitated the shipment into the State.

In FY 2025, a total of 77 investigations were conducted. The majority (55) involved the importation of regulated commodities without a valid permit prior to importation.

Education/Outreach Activities

With limited manpower and financial resources focused on preventing the entry and spread of pests into and within the State, PQB places a strong emphasis on public education and outreach. Biosecurity is everyone's responsibility, and empowering the public to serve as PQB's "eyes and ears" in their communities is essential.

Education and outreach events are varied and tailored to meet the needs of specific audiences, with a major focus on the general public and key stakeholders. In FY 2025, PQB conducted 78 education and outreach events, with 37,742 public interactions. These events included school visits (9), stakeholder meetings (23), job fairs (11), and community events (35).

The Plant Pathology Unit participated in seven educational events to raise awareness of plant pathogen threats and methods for early detection. Audiences included participants in the UH-CTAHR Master Gardener Program, UH-CTAHR PEPS classes, pesticide workshops, and GoFarm Hawai'i trainings.

Following the early detection of rust (*Pseudocercospora paullula*) on monstera plants, the Plant Pathology Unit published educational materials as both a pest alert and an article in the Landscape Industry Council of Hawai'i (LICH) magazine. Additional detection and management resources were developed for plant inspectors and monstera growers. Management recommendations were also provided to nurseries enrolled in the State's Phytosanitary Certification Program to help prevent further spread of the pathogen.

Control and Eradication Programs

- **Coconut Rhinoceros Beetle:** DAB continues to lead a multi-agency effort to manage Coconut Rhinoceros Beetle (CRB) infestations across O'ahu, Hawai'i Island, and Maui. Detections on Maui, Kaua'i, and Hawai'i Island in 2023 confirmed that eradication of CRB from O'ahu was no longer feasible due to multiple established breeding populations and spread via green waste and nursery pathways. As a result, statewide funding from various sources has increased to support containment and eradication efforts targeting incipient populations on West Hawai'i Island and Maui.

To mitigate further spread, the Department enacted an Interim Rule under HAR 4-72 restricting the movement of compost, green waste, and other CRB host materials, and established a compliance program. However, implementation occurred too late to fully contain the outbreak on O‘ahu. The Interim Rule was subsequently extended, and permanent rules were adopted by the Board in November 2024.

Since CRB larvae were first detected at a golf course in Kihei, Maui in 2023, traps in the surrounding area have been continuously monitored. Preventive tree injections were conducted to protect standing palms, with additional treatments scheduled for Kahului Airport and Kahului Harbor beginning in late 2025.

In March 2025, CRB was detected in North Kona, Hawai‘i Island. Palm crown treatments were conducted around Ellison Onizuka International Airport, Keāhole Agricultural Park, Kohanaiki Golf Course, the Natural Energy Laboratory of Hawai‘i Authority, and Honokōhau Marina—establishing a three-mile treatment buffer around the initial detection site. To date, approximately 2,000 palm crowns have been treated.

DAB also led a coordinated effort with multiple state and county agencies to remove and fumigate CRB breeding material: approximately 200 tons from Keāhole Agricultural Park and 278 tons from Ellison Onizuka International Airport. Personnel from the Hawai‘i Department of Transportation Highways Division and the Hawai‘i County Department of Environmental Management transported treated materials to a West Hawai‘i green waste processing facility to ensure that no surviving CRB remained.

- **Coqui Frogs:** DAB continues to work with the Invasive Species Committees (ISCs) on coqui frog control on Maui, O‘ahu, and Kaua‘i. Citric acid is supplied to KISC and OISC through DAB. Costs for citric acid applications average approximately \$2,000 per event. All Act 231 funds allocated for this project were used to purchase citric acid for coqui treatments.

- **Little Fire Ants:** Since 2008, DAB has been working with the Hawai‘i Ant Lab (HAL) to coordinate monitoring and control of Little Fire Ant (LFA) on O‘ahu and Hawai‘i Island. HAL has expanded operations to include two full-time and two part-time employees who monitor nurseries, previously infested locations, and conduct detection surveys and treatments of infested commercial and residential sites.

In 2022, HAL identified 35 LFA sites on O‘ahu; by 2024, more than 60 sites were identified. Maui DAB staff assist MISC with monitoring and treatment as needed. On Kaua‘i, resources remain limited, but DAB is leading joint control efforts with KISC and UH to respond to two large LFA populations.

Act 231 (SLH 2024) provided funding for additional staffing, including one position dedicated specifically to invasive ants, who will focus on mitigation, control, and the development of new research and tools.

On Kaua'i, there are currently 15 LFA sites (8 identified in 2024), including 47 residential properties, 9 agricultural properties, and 6 nurseries. DAB staff and KISC are actively treating and monitoring four areas totaling more than 100 acres. DAB continues collaborating with international invasive ant specialists to advance innovative management strategies.

- **Cogon grass on Hawai'i Island:** Plant Pest Control staff on Hawai'i Island identified a small population of cogon grass and are working to eradicate it. Permission is being sought to access the site to allow more effective herbicide treatment, as other evaluated options have proven unfeasible.

- **Pest Detection and Response:** The Plant Pathology Unit conducts selected invasive pest surveys and coordinates detection programs for plant diseases. While some surveys are performed directly by Plant Industry staff, most are implemented through cooperative agreements with UH researchers, funded primarily through APHIS-PPQ CAPS (Cooperative Agricultural Pest Survey) and APHIS-PPQ Pest Detection (PPA 7721). These efforts focus on early detection of federal and state priority pests before establishment. The primary objective of these efforts is the early detection of federal and state priority pests and diseases before establishment.

From July 2024 through June 2025, a tropical host survey was conducted with USDA-APHIS funds (PPA 7721) in collaboration with the UH Agrosecurity Laboratory. The survey targeted 3 national priority pests that also pose high phytosanitary risks to Hawaii: 1.

Candidatus Phytoplasma australiense 16SrXII-B (Australian Grapevine Yellow) on papaya, 2. *Fusarium oxysporum* f.sp. *cubense* Tropical race 4 (Panama Disease TR4) on banana, and 3. *Peronosclerospora philippinensis* (Philippine Downy Mildew) on sugarcane. Two additional high-risk plant pathogens of economic importance to Hawaii's agricultural industries were also surveyed: 1. *Colletotrichum kahawae* (Coffee Berry Disease) on coffee and 2. *Moniliophthora perniciosa* (Frosty Pod Disease). A total of 138 visual observations were made, with 41 symptomatic or asymptomatic samples collected and tested. All samples tested negative for the targeted pathogens following diagnostic processing at the Plant Diagnostic Clinic. Symptomatic samples were further analyzed for alternative cause, and diagnoses were recorded in the PPC/PI-PPATH database.

A vegetable host survey was also conducted under USDA-APHIS funds (PPA 7721) in collaboration with the UH Nematology Laboratory, targeting 7 national priority pests considered high-risk for Hawaii: 1. *Globodera pallida* (Pale Cyst Nematode), 2. *Globodera*

rostochiensis (Golden nematode), 3. *Ralstonia solanacearum* race 3 biovar 2 (Bacterial wilt), 4. Cucumber green mottle mosaic virus (CGMMV), 5. Tomato brown rugose fruit virus (ToBRFV), 6. Groundnut bud necrosis virus (GBNV), and 7. Potato Spindle Tuber Viroid (PSTVd). A total of 177 visual observations were conducted, with 64 samples collected and tested. All virus assays and nematode soil samples tested negative for target organisms. Symptomatic samples were further evaluated to determine other causal agents and diagnoses were documented in the PPC/PI-PPATH database.

Some of the new pests detected in Hawai'i include:

- Aroid Rust on Monstera: While conducting a federally funded PPA 7721 survey of nationally prioritized plant pests in May 2025, the Plant Pathology Unit detected a new plant disease threat to Hawai'i's ornamental industry — a rust on monstera (*Pseudocercospora paullula*) — originating from a nursery on Kaua'i. Follow-up surveys at 86 sites statewide indicate that the incursion is recent and currently limited to a few nurseries on Kaua'i and Hawai'i Island.

Plant Disease Diagnostics:

To strengthen diagnostics capacity, the Plant Pathology Unit secured new laboratory space within the Animal Industry Veterinary Diagnostic Laboratory facility in Hālawā, addressing limitations at the King Street office. A \$50,000 purchase order was approved to expand molecular diagnostic tools for more precise pathogen identification.

Staffing for the Plant Pathology program was restored in 2023 after previous legislative cuts. Due to staffing shortages and facility limitations, the Department is focusing on maintaining projects rather than testing new biological control agents. Hawai'i currently has no facility meeting containment requirements for pathogen-based biocontrol, highlighting the need for a modular, prefabricated containment laboratory to support CRB and weed biocontrol.

Biological Control Programs

- Devil Weed: *Chromolaena odorata* was first discovered in 2011. Once it became evident that eradication efforts on O'ahu were not feasible and that populations continued to spread despite active control programs, the Plant Pest Control Branch shifted its focus toward biological control. The gall-forming fly *Cecidochares connexa*, developed by Dr. Michael Day for the Department of Agriculture and Forestry in Queensland, Australia, has been successfully used for *Chromolaena* control in Australia, Papua New Guinea, and nearby regions.

The Branch's Biocontrol Section initially planned to lead testing and evaluation of *C. connexa* in Hawai'i; however, the COVID-19 hiring freeze and subsequent staff losses required a pivot to a supporting role, with the U.S. Forest Service assuming the lead. A partnership was established

among the U.S. Army Garrison Hawai'i, U.S. Forest Service, Dr. Day (now an independent consultant), Biosecurity Queensland, and colleagues in Guam. Despite pandemic-related transportation restrictions, the Biocontrol Section successfully established a pathway to obtain gall flies from Australia and Guam to initiate host-specificity testing under U.S. Forest Service oversight. As of September 2025, testing is nearing completion, and discussions are underway to prepare the petition for release.

- Christmas Berry: The Plant Pest Control Branch, Biocontrol Section, has long partnered with USDA-ARS, the University of Florida (UFL), and the Florida Department of Agriculture and Consumer Services in the search for biological control agents targeting Christmas berry (*Schinus terebinthifolia*), a serious agricultural and environmental weed. Hawai'i benefited from this multi-state project to develop *Pseudophilothrips ichini* as a biological control agent, with specific Hawaiian plants tested at our request since local facilities are not approved to contain thrips.

P. ichini was approved for release by USDA in 2019. Although Hawai'i was initially included in the petition to release, it was later removed with the understanding that additional post-release field evaluations in Florida would inform a future petition for Hawai'i. The Biocontrol Section, in collaboration with the U.S. Forest Service and the Department of Land and Natural Resources, is preparing a new petition for release and planning an outreach campaign, recognizing that the honeybee industry—similar to Florida—relies on Christmas berry for nectar and pollen. Ongoing data from Florida regarding ecological and industry impacts have prompted a reevaluation of the project, and discussions with partners are underway to determine next steps.

- Macadamia Felted Coccid (MFC): The macadamia felted coccid (*Acanthococcus ironsidei* Williams, 1973), a scale insect in the family Eriococcidae, is a highly invasive pest of macadamia trees in Hawai'i. It infests stems, branches, foliage, and nuts, extracting sap with its syringe-like mouthparts. Feeding causes yellow spotting on leaves, stunted growth of young tissues, and reduced nut production. Severe infestations can lead to dieback of fruit-bearing trees and death of young plants.

The pest was first detected on macadamia trees in South Kona, Hawai'i Island, in 2005 and has since spread throughout the island, affecting both commercial and small-scale growers. Horticultural oils have been used for management; however, effective coverage is difficult to achieve. Although several natural enemies are present, they have not provided sufficient control, and MFC continues to pose a serious threat to Hawai'i's macadamia industry.

A potential biological control agent, *Metaphycus macadamiae* Polaszek & Noyes (Hymenoptera: Encyrtidae), a tiny parasitic wasp collected by the Department in Australia in 2013, is currently

maintained in the Department's Insect Containment Facility. The parasitoid targets MFC by laying a single egg inside an adult scale, where the developing larva kills the host during maturation. Development is completed in approximately two to three weeks, depending on temperature. Host-specificity testing on twelve economically important and endemic Hawaiian insect species indicates that *M. macadamiae* is highly specific to MFC, with negligible environmental risk anticipated upon release.

A draft Environmental Assessment (EA) for the statewide field release of *M. macadamiae* has been prepared and will be published following completion and analysis of final risk assessment tests. The Branch is now proceeding with the petition for release in collaboration with the University of Hawai'i at Mānoa to finalize the EA and associated permit applications.

- Erythrina Gall Wasp (EGW): Although the introduction of *Eurytoma erythrinae* has been successful in saving Erythrina trees from severe mortality, damage caused by the Erythrina gall wasp (*Quadrastichus erythrinae* Kim; Hymenoptera: Eulophidae) continues to affect the flowers, seed pods, and seedlings of the endemic wiliwili (*Erythrina sandwicensis*). Galls formed by EGW on flowers and seedlings are typically small and scattered, providing limited opportunity for *E. erythrinae* to parasitize effectively, as this parasitoid performs best in large galls. Because seed formation takes approximately three months and all flower stages remain susceptible throughout development, the reproductive success and regeneration of *E. sandwicensis* remain under serious threat.

To enhance biological control, the Department completed host-specificity evaluation of a second parasitoid, *Aprostocetus nitens* Prinsloo & Kelly (2009). A Final Environmental Assessment (FEA) and Finding of No Significant Impact (FONSI) for the proposed statewide field release of *A. nitens* were published in January 2023 through the Environmental Review Program. Subsequently, an application was submitted to the Department's Plant Quarantine Branch (PQB) to place *A. nitens* on the List of Restricted Animals (Part A) and to authorize its importation and field release from the Department's Insect Containment Facility (ICF). The FEA was also submitted to USDA Plant Protection and Quarantine for federal permit review.

The Branch's Insectary Entomologist continues to maintain a colony of *A. nitens* within the ICF, ensuring its survival while awaiting state and federal release approvals. This work includes maintaining healthy host plants for EGW, propagating infestations, and exposing infested materials to *A. nitens* to sustain rearing colonies and readiness for eventual field release.

- Fireweed: The fireweed biological control program has been paused due to limited funding and staffing. Although *Secusio extensa*, a leaf-defoliating caterpillar, was released and established in the environment as expected, its impact has not been sufficient to achieve landscape-level suppression of fireweed populations.

A second potential biocontrol agent, a stem-boring weevil (*Gastroclisus* sp.), had been maintained by the Biocontrol Section; however, due to its long-life cycle and challenges in rearing, the colony failed to become self-sustaining and was lost in FY2025. Preliminary observations also indicated potential host non-specificity concerns. The Commonwealth Scientific and Industrial Research Organisation (CSIRO) in Australia has informed the Department that a backup colony remains available should the project be reactivated.

- Citrus Black Fly: Plant Pest Control staff collaborated with experts from Greece to collect parasitoids of the citrus black fly, a pest causing significant damage to citrus and grape crops in that region. Collections were successful, and the material will contribute to ongoing international biological control efforts.

The Department has also initiated communication with the Republic of the Marshall Islands to provide technical support in addressing citrus black fly infestations. Additional information on host plants and species confirmation is being sought prior to initiating a formal support program. In addition, inquiries have been received from Palau regarding similar assistance. The Department will coordinate with the U.S. Forest Service to support Pacific partners in managing this pest.

Current Targets for Foreign Exploration

- Hala Scale: The hala scale (*Thysanococcus pandani*; Hemiptera: Coccoidea: Halimococcidae) is native to southern Asia and the Pacific Islands. On Maui, there are currently no effective measures to control this pest. Chemical treatments and other management options have proven unsuccessful, and surveys for existing natural enemies have not yielded viable biocontrol agents.

To address this gap, a targeted exploration is being planned in the native range of *Pandanus*—specifically coastal areas of Indonesia and Thailand—to identify potential natural enemies of the hala scale. Prospective biocontrol candidates may include parasitoids or predators that specialize in *T. pandani* or closely related scale species associated with *Pandanus* trees.

- Lobate Lac Scale: The lobate lac scale (*Paratachardina pseudolobata*; Hemiptera: Coccoidea: Kerriidae), native to Southeast Asia, infests over 300 species of economically and ecologically important plants in southern Florida and the Bahamas. Despite its widespread impact, limited research has been conducted on this pest, and its precise geographic origin remains uncertain. To date, no effective biological control agents have been identified.

While chemical control can reduce infestations, it is costly and unsuitable for large-scale application in natural or unmanaged environments. Biological control remains the most promising long-term strategy, as it has historically shown high success rates against scale

insects. However, extant natural enemies of *P. pseudolobata* are absent or ineffective in both Florida and Hawai'i. Surveys in the pest's native range are therefore critical. Recent explorations in India and Sri Lanka indicate that related *Paratachardina* species are not problematic in their native habitats, likely due to the presence of effective natural enemies.

Apiary Program

The Hawai'i Department of Agriculture and Biosecurity (DAB) Apiary Program is dedicated to protecting the beekeeping industry in Hawai'i through science-based regulations, pest surveillance, outreach, and certification. The Program works to prevent the introduction and spread of invasive honeybee pests and diseases, maintain pollinator health, and support the long-term sustainability of honeybee-dependent industries statewide.

Hawai'i's beekeeping sector includes queen bee rearing for domestic and international export, honey production, pollination services, and the manufacture of various value-added hive products. The North American agricultural economy depends heavily on Hawai'i's queen bee supply- providing an estimated 40% of U.S. mainland demand and 60% of Canadian demand. In 2022, pollination services were valued at \$15-20 billion in the U.S and \$7 billion in Canada (American Beekeeping Federation; government of Canada). Locally, Hawai'i's honey industry was valued at \$4.13 million in 2021 (USDA National Agricultural Statistics Service), while the queen rearing industry contributes an estimated \$18-20 million annually.

Biosecurity: The Apiary Program operates a statewide network of swarm and detection traps to identify exotic honeybee races and new pests and diseases, preventing their spread between islands. In 2024, no new exotic bee races, pests or diseases were detected. Swarm traps on Hawai'i Island were maintained at Hilo Harbor, Hilo Airport, Kona Airport, and Kawaihae Harbor for early pest detection in European honeybee populations. Samples were tested for brood diseases, varroa mites, and—when warranted—sent to the University of Hawai'i at Mānoa for genetic analysis to confirm the presence of Asian or Africanized honeybee lineages.

Certifications: A major function of the Apiary Program is the certification of queen breeders for domestic and international export. In FY2025, seven queen breeders were certified, and 19 inspections were conducted for export and domestic use. Approximately 500,000 queens are exported annually, primarily to Canada, which received 79 certificates covering nearly 250,000 queens. There were no inspection failures due to hive pests or diseases.

Currently, the Apiary Program has no dedicated staff based in Hilo. The Hawai'i County Entomologist is temporarily managing the program while recruitment is underway to hire additional technicians. This staff shortage has most affected coverage on Kaua'i, Moloka'i and Lana'i, and limits the state's ability to monitor ports of entry — especially O'ahu, the primary gateway for imported goods. The lack of sufficient staffing poses a significant biosecurity risk

should a new pest or exotic bee race, such as *Tropilaelaps* mites or Africanized honeybees, be detected.

Funded Projects

The coffee berry borer (*Hypothenemus hampei*) and coffee leaf rust (*Hemileia vastatrix*) have caused significant economic losses to Hawai'i's coffee industry since their detections in 2010 and 2020, respectively. To assist growers, the Coffee Berry Borer (CBB) Subsidy Program was established in 2015 to partially reimburse the cost of approved organic microbial pesticides used to manage CBB infestation. In 2022, the program was expanded to include support for coffee leaf rust (CLR) management. The County of Hawai'i received \$135,000 in FY2025 to continue administering this ongoing pesticide subsidy program for local coffee producers.

Plant Quarantine/Invasive Species Awareness at the Daniel K. Inouye International Airport and neighboring island airports. In 2018, an initiative by PQB personnel was launched to promote awareness of the impact of invasive species on our environment and the promotion of PQB as the first line of defense in combatting invasive species in Hawai'i. The effort includes 10-second videos on a 1-minute loop with other products or organizations. The videos appear on all the television monitor screens above the escalators going down to the baggage claims for all domestic arrivals, including the escalator going down to baggage claim at the Interisland terminal for a total of 4 video monitors. The videos also displayed on both sides of the new arrival and departure screens at the Hawaiian Airlines/interisland ticket lobby. It also includes a static, back-lit, tension fabric display in the Hawaiian terminal near the food court. This is a 7-year project, ending in January 2027, funded up to \$585,233.

Hawai'i Administrative Rule amendments

The Hawaii Administrative Rules (HAR) that PQB administers directly apply to biosecurity. These rules are reviewed and updated as needed. The update of administrative rules is a multi-tiered process that involves review by PQB staff; review and recommendation by various applicable Advisory Subcommittees and the Advisory Committee on Plants and Animals; and final review and approval by the Board of Agriculture and Biosecurity followed by the public hearing process pursuant to HRS 91. The process was initiated for the following changes:

In October 2024, PQB implemented Interim Rule 24-2 to prevent the further spread of CRB and related CRB host materials from O'ahu to other areas in the State. This was done to ensure that there would be no lapses in regulatory requirements for CRB host materials due to any potential delays in the implementation of the permanent changes to HAR 4-72.

PQB completed Hawaii Administrative Rules (HAR) Chapter 4-72, Plant and Non-Domestic Animal Quarantine, Plant Intrastate Rules, to among other things:

1. Made permanent the requirements in PQB Interim Rule 23-1, regarding quarantine restrictions on the CRB and CRB host materials;
2. Implemented fees for inspections and the processing and issuance of permits;
3. Established authority to prohibit the movement of infested materials within the State;
4. Included penalties for non-compliance; and
5. Made other changes for clarity or simplification and other non-substantive changes correcting grammar, punctuation, or typeface.

Chapter 4-72, HAR was approved with minor changes by the Board at its October 22, 2024, meeting and was approved by the Governor on January 10, 2025. It became a force of law on January 20, 2025, after the required 10-day filing at the Lieutenant Governor's office pursuant to §HRS 91-4.

On September 23, 2025, the Board approved an interim rule for CRB that bans the movement of all plants, soil, gravel, and other CRB host materials from any island in the State to the Island of Moloka'i to prevent the introduction of CRB to the island. This was brought forth due to a petition from Ipo and Kunani Nihipali and went into effect on September 24, 2025.

Pesticides Branch also initiated updates to HAR Chapter 4-66. Changes were required due to the approval of the State Certification Plan and authorization through Act 220, SLH 2023 to increase civil and criminal penalties related to the violation of Hawai'i Pesticides Laws.

Pesticides Branch received a recommendation of approval from the Board of Agriculture in a meeting held in October 2024. The Pesticides Branch expects to move the rules forward to the Board of Agriculture in early 2025.

Activities Requiring Hawai'i Board of Agriculture and Biosecurity

In CY 25, the PQB processed 4 submissions that required Board of Agriculture and Biosecurity (Board) actions which included initiation of interim rulemaking or issuance of permits for importation.

Permits for the importation of certain restricted plants, non-domestic animals, or known cultures of microorganisms can only be imported under certain circumstances pursuant to 4-70, 4-71, and 4-71A, HAR respectively. Permit approval process is lengthy and involves PQB staff working with the applicant draft a submittal for review and to work with the applicant to address concerns related to the requests, including drafting proposed permit conditions. The request is then sent to applicable Advisory Subcommittees for their review and recommendation for scientific merit. Advisory comments and recommendations are then compiled by PQB staff and presented to the Advisory Committee on Plants and Animals,

pursuant to HRS 150A-9.5, for their review and recommendations. PQB staff will compile the meeting discussion and recommendations and then present the request to the Board for their final review and approval. Should the Board approve a request, PQB will then issue a permit and future requests for importation of the same species that are essentially the same can be administratively issued by the PQB.

Besides the 2 interim rules, the Board also approved permits for the importation of: four (4) African Black-Footed Penguins, *Spheniscus demersus*, for exhibition by the Hyatt Regency Maui Resort and Spa; and Monkeypox Virus, Clade IIb, for laboratory research by the University of Hawai'i.

Travel

Listed below are all travel conducted by PQB staff and the purpose for the travel.

<u>Start Date</u>	<u>End Date</u>	<u>Justification for Travel</u>
1/14/2025	1/14/2025	Kauai-Conduct field inspections
1/17/2025	1/19/2025	Kauai operational assistance
1/21/2025	1/21/2025	Oahu-Conduct field inspections
2/3/2025	2/3/2025	Kauai for site inspection
2/11/2025	2/13/2025	Kauai LFASurvey
2/11/2025	2/13/2025	Kauai LFASurvey
2/11/2025	2/13/2025	Kauai LFASurvey
2/11/2025	2/13/2025	Kauai LFASurvey
2/11/2025	2/13/2025	Kauai LFASurvey
2/11/2025	2/13/2025	Kauai LFASurvey
2/11/2025	2/13/2025	Kauai LFASurvey
2/11/2025	2/13/2025	Kauai LFASurvey
2/11/2025	2/12/2025	Kauai LFASurvey
2/11/2025	2/12/2025	Kauai LFASurvey
2/11/2025	2/11/2025	Kauai-Conduct field inspections
2/11/2025	2/11/2025	Kauai for compliance
2/19/2025	2/19/2025	Oahu-Conduct field inspections
2/19/2025	2/19/2025	Oahu for seed crop certification
3/1/2025	3/7/2025	Kauai operational assistance
3/4/2025	3/4/2025	Kauai for site inspection
3/11/2025	3/11/2025	Oahu - Frontier Meeting/Invasive species Meeting
3/11/2025	3/11/2025	Kauai operational assistance
3/25/2025	3/25/2025	Kauai for operations orientation
3/26/2025	3/29/2025	Oahu - PQ Snake Training - Night
3/26/2025	3/29/2025	Oahu - PQ Snake Training - Night
3/31/2025	3/31/2025	Kauai operational assistance
4/1/2025	4/1/2025	Kauai operational assistance

4/13/2025	4/25/2025	Guam - Snake Trainer
4/13/2025	4/25/2025	Guam - Snake Trainer
4/13/2025	4/25/2025	Guam - Snake Trainer
4/16/2025	4/16/2025	Kauai for LFA Survey/Demonstration
4/16/2025	4/16/2025	Kauai for LFA Survey/Demonstration
4/16/2025	4/16/2025	Kauai for LFA Survey/Demonstration
4/21/2025	4/25/2025	Guam - PQB Snake Training
4/21/2025	4/25/2025	Guam - PQB Snake Training
4/21/2025	4/25/2025	Guam - PQB Snake Training
4/21/2025	4/25/2025	Guam - PQB Snake Training
4/21/2025	4/25/2025	Guam - PQB Snake Training
4/27/2025	4/28/2025	Kona for Merrie Monarch
4/27/2025	4/27/2025	Kona for Merrie Monarch
4/28/2025	4/28/2025	Kona for Merrie Monarch
5/5/2025	5/5/2025	Kauai operational assistance
5/14/2025	5/14/2025	Kauai operational assistance
5/17/2025	5/17/2025	Molokai for outreach
5/20/2025	5/23/2025	Daniel J. to Kona for CRB treatment
5/20/2025	5/23/2025	Mohsen P. to Kona for CRB treatment
5/30/2025	5/30/2025	Oahu - HDOAISAP awards ceremony
5/30/2025	5/30/2025	Oahu - HDOAISAP awards ceremony
6/17/2025	6/17/2025	Oahu for Seed inspections
6/19/2025	6/19/2025	Lanai for CRB Inspection
6/19/2025	6/19/2025	Lanai for CRB Inspection
6/19/2025	6/20/2025	Lanai for CRB inspection
6/19/2025	6/20/2025	Lanai for CRB inspection
6/24/2025	6/24/2025	Lihue for AOA&Risk Assessment
6/24/2025	6/24/2025	Lihue for AOA&Risk Assessment
6/24/2025	6/24/2025	Lihue for AOA&Risk Assessment
6/24/2025	6/24/2025	Lihue for AOA&Risk Assessment
6/24/2025	6/24/2025	Lihue for AOA&Risk Assessment
6/24/2025	6/24/2025	Lihue for AOA&Risk Assessment
7/3/2025	7/4/2025	Oahu - Mtg/ &HIGICC Dudek Mtg
7/13/2025	7/18/2025	San Diego, CA- ESRI 2025 Conference
7/13/2025	7/18/2025	San Diego, CA- ESRI 2025 Conference
7/13/2025	7/18/2025	San Diego, CA- ESRI 2025 Conference
7/13/2025	7/18/2025	San Diego, CA- ESRI 2025 Conference
7/13/2025	7/18/2025	San Diego, CA- ESRI 2025 Conference
7/27/2025	7/31/2025	Honolulu for NPB
8/6/2025	8/6/2025	Kauai - CRB response/Build Podium Kauai
8/6/2025	8/6/2025	Kauai - CRB response/Build Podium Kauai
8/12/2025	8/13/2025	Maui for Invasive Pest Mtg.
8/12/2025	8/13/2025	Maui for Invasive Pest Mtg.

8/14/2025	8/14/2025	Kauai for site inspection
8/18/2025	8/19/2025	Kauai for LFA Survey
8/18/2025	8/19/2025	Kauai for LFA Survey
8/18/2025	8/19/2025	Kauai for LFA Survey
8/18/2025	8/22/2025	Kauai for LFA Survey
8/18/2025	8/22/2025	Kauai for LFA Survey
8/18/2025	8/22/2025	Kauai for LFA Survey
8/18/2025	8/22/2025	Kauai for LFA Survey
8/21/2025	8/22/2025	Kauai operational assistance
8/21/2025	8/22/2025	Lanai for CRB inspection
8/29/2025	9/5/2025	New Zealand - Biosecurity Delegation
8/29/2025	9/5/2025	New Zealand - Biosecurity Delegation
8/31/2025	9/14/2025	Guam - Snake Trainer
8/31/2025	9/14/2025	Guam - Snake Trainer
8/31/2025	9/14/2025	Guam - Snake Trainer
9/8/2025	9/12/2025	Guam - PQB Snake Training
9/8/2025	9/12/2025	Guam - PQB Snake Training
9/8/2025	9/12/2025	Guam - PQB Snake Training
9/8/2025	9/12/2025	Guam - PQB Snake Training
9/8/2025	9/12/2025	Guam - PQB Snake Training
9/15/2025	9/15/2025	Lihue for AOABadge renewal
10/17/2025	10/19/2025	Kauai operational assistance
10/17/2025	10/23/2025	Virginia Beach, VA- COSDA Conference
10/17/2025	10/23/2025	Virginia Beach, VA- COSDA Conference
10/17/2025	10/23/2025	Virginia Beach, VA- COSDA Conference
11/18/2025	11/18/2025	Kona for site inspection
11/20/2025	11/20/2025	Kona for CRB Treatment
11/20/2025	11/20/2025	Kona for CRB Treatment
11/20/2025	11/20/2025	Kona for CRB Treatment
11/20/2025	11/20/2025	Kona for CRB Treatment
11/20/2025	11/20/2025	Kona for CRB Treatment
11/20/2025	11/20/2025	Kona for CRB Treatment
12/3/2025	12/3/2025	Kauai Inspection
12/10/2025	12/10/2025	Oahu Inspection USDA
12/17/2025	12/17/2025	Oahu Inspection

SECTION III

Description of Proposed Projects and Activities to be funded by the PIQE Fund

All Activities listed in Section II above will continue to be funded by the PIQE.

SECTION IV

Act 243, Session Laws of Hawaii 2016 Report

The Department of Agriculture and Biosecurity provided a report to the 2018 Legislative Session regarding Act 243, SLH 2016. The Act calls for annual reporting based on expenditures from general funds appropriated for FY2016-2017. General funds were not provided for additional years and as such there are no expenditures to report on regarding Act 243, SLH 2016.

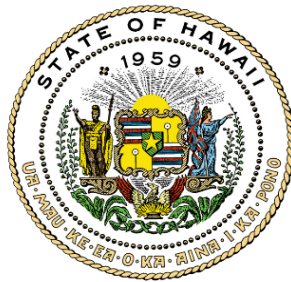
SECTION V

Financial Plan

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Beginning Fund Balance	4,643,716	4,825,486	4,477,464	3,600,692	6,045,520	6,310,010	-773,588	2,670,282	3,135,282	3,520,282
REVENUE										
Fees	6,644,219	6,074,598	5,809,187	6,202,817	5,438,781	5,000,000	5,000,000	6,000,000	6,000,000	6,000,000
Investment Pool Interest	76,287	43,205	88,984	29,592	29,592	45,000	45,000	45,000	45,000	45,000
Other	562	6,255	-	175	4,282	1,402	8,950	-	-	-
TOTAL REVENUE	6,721,068	6,124,058	5,898,171	6,232,584	5,472,655	5,046,402	5,053,950	6,045,000	6,045,000	6,045,000
EXPENDITURES										
Personnel Costs	3,272,574	3,273,310	3,413,983	3,272,574	3,224,422	9,500,000	4,279,830	6,100,000	6,100,000	6,100,000
Other Current Expenses	3,176,525	2,993,157	2,983,992	461,151	1,667,907	2,400,000	2,670,814	100,000	100,000	100,000
Equipment	33,520	205,613	205,382	54,031	315,836	230,000	296,402	230,000	230,000	230,000
Motor Vehicles	56,679		171,586					80,000		80,000
TOTAL EXPENDITURES	6,539,298	6,472,080	6,774,943	3,787,756	5,208,165	12,130,000	6,950,644	6,510,000	6,430,000	6,510,000
BALANCE	4,825,486	4,477,464	3,600,692	6,045,520	6,310,010	-773,588	-2,670,282	3,135,282	3,520,282	3,985,282

REPORT TO THE THIRTY-THIRD LEGISLATURE
2026 REGULAR SESSION

FARMER APPRENTICE MENTORING PROGRAM



Prepared by:

Department of Agriculture and Biosecurity

Pursuant to Act 304, Session Laws of Hawaii 2022

Requiring the Board of Agriculture and Biosecurity to Report
Annually on the Programs's Operation and Related Performance Measures

December 2025

FARMER APPRENTICE MENTORING PROGRAM

Annual Report to Legislature 2026

Background

In the Thirty-First State Legislature, Regular Session of 2022, Act 304 was passed, amending Chapter 141 of the Hawaii Revised Statutes (HRS) to include a new section to part I. This amendment mandates the Department of Agriculture and Biosecurity to establish the Farmer Apprentice Mentoring Program (FAMP) and to provide an annual report to the legislature detailing the program's operation and associated performance measures. Subsequently, the Governor released \$270,000 in March 2023, subject to a 10% restriction. In May 2023, an agency-to-agency procurement contract was issued to the Leeward Community College (LCC), with final reporting due in February 2026. The report will outline the following requirements:

1. Farmer Apprentice Enrollment.
2. Listing of Known Qualified Mentorship Provider.
3. Assessment on Ability of Mentorship Providers.
4. Evaluation of Program Results Achieved.

Executive Summary

Since the issuance of the contract, the LCC has successfully submitted four progress reports. This current report covers the period from January 2025 to November 2025 and represents all work on project development completed during that period. The Project Team has fielded surveys and conducted field interviews with various farmers across the state. The review and analysis of the data is nearing completion and will be included in the final report.

Reporting Period: January to May 2025

During this current reporting period, the following activities were undertaken:

- Interviewed an array of Hawai'i's experienced and aspiring farmers on all major islands.
- Interviewed farmer training providers, farm work-line participants, and facility leadership at three State of Hawai'i correctional facilities that grow food: Waiawa, Women's, Kūlani.
- Designed, piloted, and launched on-line surveys to solicit recommendations for a farmer apprenticeship program from Hawai'i's experienced and aspiring farmers.
- Began organizing and analyzing data collected via in-person interviews, farm visits, and on-line surveys.
- Began developing a budget close-out projection and re-budget proposal to allow the contractor to improve the quality of their stated deliverables.

Interview with experienced and aspiring farmers on all major islands

Following their community outreach plan and UH-Manoa's approved (Institutional Research Board) research protocol, the Project Coordinator and Academic Support Specialist began interviews and farm visits with this project's major stakeholders on Maui, O'ahu, Kaua'i, Hawai'i, and Moloka'i. The purpose of these activities was to solicit recommendations on the types of beginning farmer training resources, best-practices, strategies, curricula, incentives, and facilities/ locations necessary so that completers would be able to enjoy long-term, profitable, and sustainable careers as Hawai'i farmers.

At the end of May, project personnel conducted 25 interviews with 59 individuals averaging 95 minutes each using a "talk-story" methodology. Researchers chose the "talk-story" for their interview format to ensure that the farmers who agreed to participate, who were predominantly Native Hawaiians and Asian American/ Pacific Islanders (AAPI), would be comfortable sharing their knowledge, experiences, and aspirations related to farming in Hawai'i because "talking story" is both familiar and culturally congruent (Kahakalau, 2017; Mello et al, 2020).

Nine participants were interviewed as individuals, while 50 were interviewed within small groups (2 - 7 participants each). To accommodate both the farmers' convenience and researchers' desire to observe their food growing operations, the vast majority of interviews took place on farms. Only four interviews were conducted via Zoom.

Researchers used open-ended questions to solicit the participating farmers' viewpoints as follows:

- Motivation for and background in farming.
- Current and near-term staffing needs; including quantities and seasonality of farm workers, desirable skills and qualities, training practices, performance expectations.
- Heavy equipment and agri-technology usage and needs.
- Business structure and financial challenges/ opportunities.
- Interest and/ or ability to train farmer apprentices.
- Recommendations on who should contribute to and/ or pay for new farmer apprentice program.

Interview with farmer training providers, farm worklines participants, and facility leadership at three State of Hawai'i correctional facilities that grow food: Waiawa, Women's, and Kūlani

To ensure that this Project might be informed by and responsive to the robust and decades-long farmer training activities being delivered at three State of Hawai'i prisons (Waiawa, Women's, and Kūlani), the Project Coordinator contacted wardens at each facility to 1) invite them to participate and 2) request permission to access from their farms, farm managers, and agricultural worklines participants. The wardens from all three facilities expressed interest in participating and supported this project's researchers by

arranging visits to their facilities, introducing us to their staff and inmates, and providing instructions on how to conduct interviews while fully adhering to State laws and Departmental policies.

At the end of the period, the project's researchers conducted participant observations and have completed interviews with 31 inmates within the three State prisons that are providing farmer training. Preliminary data collected from the inmate interviews were rich and relevant to this project, however, they are still being analyzed for themes and key findings. Key findings from these interviews will be presented in the final report.

After interviewing the prisons' farm worklines participants, this project's researchers sought to learn about the specific resources, skills, facilities, staffing, and equipment needed to conduct farmer training and food growing at Hawai'i's prisons. Thus far, interviews were conducted with the Farm Manager at Kūlanī (April 20) and with the five volunteer and grant-funded farmer training providers at Women's Community Correctional Facility (May 20). Data from these interviews will inform the project's final deliverables which includes a proposal for the farmer apprentice program's curriculum, learning objectives, and operational budget.

On-line surveys to solicit recommendations for a farmer apprenticeship program from Hawai'i's experienced and aspiring farmers

To fulfill one of this contract's most important activities: "solicit their [agricultural stakeholders] insights about what they would need to both commence and sustain viable careers as Hawai'i farmers," the project's researchers determined that they must 1) design data collection methods involving both in-person interviews and on-line surveys and 2) limit participants to those stakeholders who are most intimately aware of the needs, experiences, and opportunities that Hawai'i farmers face, namely, our experienced and aspiring farmers.

The need for an on-line survey tool arose because project researchers wanted to collect responses from the widest array and largest number of experienced and aspiring Hawai'i farmers. Given the time, expense, and need for rapport associated with conducting in-person interviews, two different on-line surveys were developed to learn the unique factors that arose from both experienced and aspiring farmers.

As a means of validating their survey questions and design, the project researchers conducted a pilot study to solicit potential users' feedback on its user-friendliness, relevance, recommendations for improvement, and most importantly, if they'd encourage their peers—Hawai'i's experienced and aspiring farmers—to take the survey.

After revising the surveys based on user feedback, project researchers sent personalized email invitations to their contact list beginning on January 10, 2025 and gently requested recipients respond by May 1, 2025. At the end of May, the on-line surveys received 97

responses from experienced farmers and 27 from aspiring farmers. Findings from the farmer's surveys will be discussed in detail in the final report.

Organizing and analyzing data collected

Data analysis was structured around a conceptual framework that mapped out the natural inclinations by which experienced and aspiring farmers would engage with a prospective farmer apprenticeship program. By limiting their inquiry to what Hawai'i's experienced and aspiring farmers both need and value, researchers have begun to identify salient curricular elements and training modalities to inform their program's design.

After completing the majority of data collection through in-person interviews, farm visits, and online surveys, project researchers have begun organizing and analyzing the quantitative, qualitative, and demographic data. Interview recordings were transcribed and studied for emergent themes, using a participatory action research approach that prioritizes the voices, motivations, circumstances, and recommendations of the participants themselves. Survey data collected via Qualtrics were compiled into structured reports that revealed patterns across participant responses. Observational notes from farm visits were taken to preserve the situational richness of those experiences.

Developing a budget close-out projection and re-budget proposal to allow the contractor to improve the quality of their stated deliverables

While preparing to fulfill this contract on-schedule and on-budget, the Project Coordinator developed a budget projection for the Principal Investigator based upon the most current (May 22, 2025) Budget Status Report.

While there were significant savings from the unspent Materials and Supplies and minimally spent Fringe Benefit line items, there was need to account for increased personnel and fringe benefit costs (1.0 FTE) arising out of collective bargaining agreement wage adjustments and a "regular hire" personnel recruitment. Additionally, reports from the researchers' site visits led this project's Principal Investigator to want to learn more about farmer training programs on Hawai'i and Kaua'i. The team travelled to see those programs in June and July 2025, respectively.

Reporting Period: June to November 2025

Within the reporting period covered herein, the following activities were undertaken:

- Explored collaborations with qualified subject matter experts.
- Conducted a meta-synthesis study of previous research involving Hawai'i farmers.
- Transcribed and analyzed farmer interviews.

Collaborations with qualified subject matter experts

While conducting community-based research, this Project Team connected with local professionals with considerable knowledge, experience and connections, with the potential to add value to the outcomes of this study. Specifically, the Team recognized that each subject matter expert could contribute valuable and specialized content to our farmer apprentice program design because of the expertise they gained while working, respectively, as a multigenerational farm owner, beginning farmer training provider, and construction industry consultant.

To incorporate existing, local subject matter expertise in direct alignment with this project, the Project's Principal Investigator seek funding to engage with these subject matter experts who would respectively: 1) produce a comprehensive inventory of the "hard" (e.g., technical and operational abilities) and "soft" skills (e.g., interpersonal, leadership, and teamwork abilities) that Hawai'i's profitable farms rely upon to manage and grow their production to align our training curriculum with the expectations that farm managers/ owners have of their new hires; 2) compile a robust set of training tools, e.g., a) training objectives, b) curricula, c) performance and learning assessment tools, and d) training materials, equipment, and texts used at a minimum of three Hawai'i new farmer training programs, one of which must be a State of Hawai'i Correctional Facility; and 3) produce a list of programmatic hallmarks and industry-based commitments that construction trades have used to develop their registered apprenticeship programs as a means of aligning our new apprentice program with well-established ones.

In addition to holding the potential for increasing local stakeholders' support for adopting our Contract's final deliverables, this Project Team anticipates that incorporating the specialized content generated by the proposed subcontractors will increase the quality, relevance, and effectiveness of the new program once implemented.

Meta-synthesis study of previous research involving Hawai'i farmers

The Project Coordinator conducted a qualitative content analysis of producer-focused research and surveys to inform the Team's Farmer Apprentice Mentorship Program design work.

Eligibility criteria for the meta-synthesis sources were reports, surveys, and research that: 1) recruited Hawai'i farmers, ranchers, and food producers as key participants; 2) solicited their needs and recommendations to be able to thrive; and 3) were published within the last 10 years.

Themes within our meta-synthesis sample's (N = 21) data indicated that the needs and recommendations of Hawai'i's farmers identified from across all four counties and six major islands were highly consistent. Using a combination of manual qualitative content

analysis and AI-generated summaries and data analysis, the Project Coordinator synthesized farmers' priorities into three distinct "calls to action" as follows: 1) resolve farmers' long-standing workforce issues through direct supports and incentives; 2) increase farmers' operational capacity and profitability via shared facilities and infrastructures that support farmers' work; 3) enhance farmer education, skill-building, and professional development curricula by incorporating subjects that farmers have identified as critical for their long-term success (e.g., diversified business, securing capital, grant writing, heavy equipment operations and maintenance, and agri-technology).

Transcription and analysis of farmers' interviews

In early fall, the Project Team began analyzing the data they collected via farm visits, farmer interviews, and online surveys for themes that would align their farmer apprentice program design with Hawai'i farmers' realities and goals. Throughout their analysis, the Team aimed to be both meticulous, using tools and methods to increase accuracy and robustness, as well as culturally responsive, privileging the languages, values, and cultural practices of our predominantly Native Hawaiian and Asian American/ Pacific Islander participants.

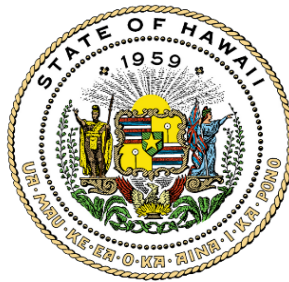
First, they used *Otter.ai* to convert approximately 40 hours of interviews from farmer interviews and focus groups into 28 transcripts that were used for further analysis and accuracy checks.

Next, motivated by their commitments to indigenous and culturally responsive research methodologies, the Team analyzed data to ensure that the transcripts reflected both accurate usage of Hawaiian language and rich cultural nuances that were observed during the interviews.

Finally, the researchers began systematically grouping their data thematically under three subjects to guide their apprenticeship program design work. Themes that emerged from the data collected were: *1) Farmers' motivations*: Understanding Hawai'i farmers' "why" is critical to design a program that would both effectively attract and successfully train apprentices who wish to become career farmers; *2) Farmers' workforce needs and expectations*: Learning about experienced farmers' expectations stemming from recruiting, onboarding, and retaining new employees will directly contribute to the program's curriculum development and participant eligibility criteria; and *3) Livable wages and incentives for career farmers*: Hawai'i's experienced and aspiring farmers described free, on-farm housing as not just a desirable "fringe benefit," but as a vital component of earning a "livable wage."

**REPORT TO THE THIRTY-THIRD LEGISLATURE
2026 REGULAR SESSION**

FOOD HUB PILOT PROGRAM



Prepared by:

Department of Agriculture and Biosecurity

Pursuant to Act 313, Session Laws of Hawaii 2022

Requiring the Board of Agriculture and Biosecurity to Report

Annually on the Programs's Implementation,

Preliminary Results, Findings, and Recommendations

December 2025

FOOD HUB PILOT PROGRAM

Annual Report to Legislature, 2026

Background

In the Thirty-First State Legislature, Regular Session of 2022, Act 313 was passed, requiring the Department of Agriculture and Biosecurity to establish a five-year food hub pilot program and to submit an annual report to the legislature on the implementation, preliminary results, findings, and recommendations. The following information is to be reported:

1. Department's progress on program's implementation;
2. Preliminary results on annual basis; and
3. Findings and recommendations.

This program established food hubs, which are centrally located facilities having a business management structure that facilitates aggregation, storage, processing, distribution, and marketing of locally produced food products. By actively coordinating these activities along the value chain, food hubs may provide wider access to institutional and retail markets for small- to mid-sized producers and increase consumer access to fresh healthy food, including those consumers in underserved areas and food deserts.

In December 2022, the Department requested approval from the State Governor to release and allot funds pursuant to Act 313, SLH 2002. The Governor released \$1.35 million for SFY 2023 and a Request for Proposals (RFP) for this food hub program was issued in March 2023.

Subsequently, a total of 27 proposals were submitted at the RFP's closing in May 2023. Six (6) awards totaling \$1.35 million were recommended for funding by the Evaluation Committee (EC), and the Chairperson concurred and approved them.

Executive Summary

The six (6) successful projects funded include Adaptations, Inc. (\$242,515.20); Alternative Structures International (\$201,104.00); Elepaio Social Services (250,000.00); Hawai'i Institute of Pacific Agriculture (Kohala Food Hub) (\$203,213.46); Papa'aloa Country Store and Café Food Hub (\$203,213.46); and Sustainable Molokai (\$249,953.88). Individual contracts were issued at varying time intervals based on their readiness, resulting in different progress levels across the various projects. So far, two projects have successfully concluded with significant impacts to their regional communities. Two other projects are advancing quickly and expected to meet their scheduled timelines.

Reporting Period: January to November 2025

Since the last report, two projects have been successfully completed. Adaptations, Inc., a USDA certified organic farm and regional food hub on Hawai'i Island was able to scale up its operations to increase aggregation and distribution capacity to sales and market share. The funding from the Food Hub Pilot Program enabled it to increase its essential, refrigeration vehicle capacity to provide reliable, consistent, and personnel support to provide wider access to institutional and retail markets for small- to mid-sized producers. One notable outcome of this effort was the enhanced consumer access to fresh, healthy food, particularly for individuals in underserved areas and food deserts on Hawai'i Island.

By the end of the project, Adaptations increased its sales to \$2.5 million annually and sourced local produce and value-added local food production from 233 small and mid-sized farms, generating \$1.7 million in payments to producers during the performance period. These sales and purchases numbers statistics reflect the 30% average mark to cover overhead and the return of 70 cents on each dollar to the food producer. This is a key performance indicator for all food hubs and Adaptations has shortened its value chain to strengthen Hawai'i's food security and sovereignty.

Finally, Adaptations successfully constructed essential infrastructure to establish and expand food hub activities for aggregation, cold storage, and other value-added services. These improvements further contribute to improving the consistency and reliability of cold storage distribution across Hawai'i Island.

The Hawai'i Institute of Pacific Agriculture (Kohala Food Hub) also completed its project with favorable results. Situated in a rural area where community access to fresh, locally produced food is limited and local food producers' operations are at a great distance from most markets, this food hub was able to grow its existing markets and create and sustain new markets for its producers' network comprising 80+ growers and value-added producers during the funding period.

The food hub's small and mid-scale producer network is growing crops whose current produced quantities exceed what it is currently able to sell or process with its existing infrastructure. The demand for locally produced food remains strong in the region and surrounding areas, and the food hub couldn't meet market demand at the time of the project proposal. The Mobile Market and Certified Kitchen project has allowed the food hub to support its local producers more substantially, meet the rising demand for locally produced food, and increase that demand by increasing access to and education about our services through a series of coordinated growth activities.

Notable accomplishments achieved by the Kohala Food Hub includes the following:

1. Mobile Market launched and utilized regularly at 20 community events from 2024-2025. The food hub expanded its capacity to provide wider and diversified market access and distribution services for its existing 150+ small and mid-scale local food producers, increasing its purchasing power, revenue streams

and economic viability. Simultaneously, the mobile market has served more than 1,000 residents with greater access to fresh, healthy, locally grown and raised food, and has served as an outreach and engagement tool to connect those residents with our online market with Online SNAP/EBT payment options and Da Bux discounts for ongoing fresh local food access at a 50% discount for qualifying community members.

2. Commercial kitchen finalized, improved, and fully equipped. Serves 12 distinct producers with access to low cost space and equipment usage. The food hub also increased purchasing power with producer network for B-grade produce, increasing their revenue streams, while rescuing locally grown food that would have otherwise ended up in the waste stream.
3. Launched Kohala Food Hub Value-Added Product line, bringing nine distinct SKUs through DOH regulatory compliance and to market via our online platform. Increased purchasing power with producer network for B-grade produce, increasing their revenue streams, while rescuing locally grown food that would have otherwise ended up in the waste stream.
4. Launched commercial kitchen incubator program offering technical assistance free of charge to agricultural producers and aspiring food business entrepreneurs. It builds the local food economy by utilizing commercial kitchen space to provide education to over 30 unique participants from around the island to provide the tools and knowledge they need to successfully start and maintain a food business.

The food hub estimates the number of project beneficiaries at 5,000 plus. The project also expanded its CSA program, online market reach, free community food distribution programs, and wholesale accounts. All these activities led to exponentially increasing markets and opportunities for local food producers and community access to fresh, local food.

Since the project period started, the food hub has served 962 distinct households through its online market. If applying a conservative estimate of three (3) residents/household, that equals close to 3,000 residents. It expanded its producer network from 80+ producers to 150+ producers since the project's inception. Earned revenue from all sales channels has grown from \$215,245 in 2023 to \$487,441 in 2024, to \$756,852.64 in 2025, directly benefitting regional agricultural producers and its economy.

Two other projects are making good progress towards completion. The Elepaio Social Services (ESS) is closing in to 85% completion in expanding its network of local, socially disadvantaged and minority farmers on Waianae coast that supply to ESS and whose produce is sold directly to the residents of Waianae.

This ESS project encountered some challenges. Local produce availability fluctuated due to weather changes, pest issues, water access, and limited farm capacity. These factors made it difficult for farmers to maintain consistent yields, which affected our ability to reliably forecast and purchase produce for daily kupuna pantry distributions. Seasonal variations also influenced supply, creating gaps during certain times of the year.

Agricultural theft, including stolen crops, equipment, and supplies—posed a significant setback for several partner farmers. These incidents not only reduced available produce for purchase but also caused financial strain on farmers who were already operating with limited resources. Theft also created emotional stress, impacting farmers' morale and willingness to scale production.

Despite the challenges faced, ESS is pressing ahead and is expected to deliver final outcomes as follows:

1. Recruit 50 socially disadvantaged and/or beginning farmers on the Wai‘anae Coast, provide them with technical assistance, supply-chain coordination, and training in aggregation, food safety, and market readiness, and establish and maintain purchasing relationships between these farmers and institutional buyers such as the Wai‘anae Coast Comprehensive Health Center (WCCHC), schools, hospitals, and government programs.
2. Operate a 3,500 sq. ft. aggregation and distribution center at the Wai‘anae Mall—including storage, minimal processing, washing, packaging, and cold-chain management—while managing the daily intake of specialty crops in compliance with all safety and handling protocols, and coordinating transportation, inventory tracking, and distribution of produce to institutional partners and ESS programs.
3. Supply fresh produce to its Food as Medicine programs, including the Produce Prescription, Keiki Prescription, and ALICE household programs—while distributing specialty crops to 25,000 food-insecure households annually through kupuna pantries, community distributions, and partner sites, and providing culturally grounded nutrition education, food preservation training, and recipe development using locally grown produce.

The Sustainable Molokai Food Hub project is also moving forward with an estimated completion rate of over 80%. This project included activities such as opening a weekly farmers' market and installation of chill/frozen units, as well as developing dry storage space for customer orders and emergency food supply that ensure proper food handling/storage.

As the project was launched, Sustainable Molokai found the original site for storefront was neither suitable nor available. It then pivoted to an alternate location in Holomua.

It also faced additional challenges with staff turnover, including senior management officials.

Despite its earlier setback, the “Locavore” store is back on track to serve as location for a permanent sales point for locally produced goods on-island. Sustainable Molokai remains committed to fulfilling its work toward stated medium and long-term goal of building a centralized Food Hub on Molokai.

For the remainder of the project, the Food Hub will complete the activities as follows:

1. To partially cover for the salaries of the Food Sovereignty program staff to sustain our food hub work.
2. To continue to pay for the rent and utilities at its Holomua food aggregation and locavore-in-the-making storefront.
3. To cover advertising and capacity-building costs to expand the reach of its Food Hub to receive from and sell more value-added products to the community in Molokai.

The department is continuing to monitor the two remaining projects that are being worked on at this time to ensure satisfactory completion. Both projects have sufficient time remaining in their contracts to completion. Alternative Structures International (DBA Kahumana Farms) was working towards obtaining the stringent Group Gap food safety certification, particularly for its organic farm section. Finally, the Papa`aloe Country Store and Café Food Hub is awaiting its building permit from the County of Hawai`i for planned construction to expand its food hub.

- End of Report -

	FISCAL YEAR 2024-25				THREE MONTHS ENDED 09-30-25				NINE MONTHS ENDING 06-30-26			
	BUDGETED	ACTUAL	± CHANGE	%	BUDGETED	ACTUAL	± CHANGE	%	BUDGETED	ESTIMATED	± CHANGE	%
PART I: EXPENDITURES & POSITIONS												
RESEARCH & DEVELOPMENT COSTS												
POSITIONS												
EXPENDITURES (\$1,000's)												
OPERATING COSTS												
POSITIONS	9.00	7.00	- 2.00	22	9.00	7.00	- 2.00	22	9.00	8.00	- 1.00	11
EXPENDITURES (\$1000's)	6,364	1,233	- 5,131	81	1,593	1,593	+ 0	0	4,781	4,781	+ 0	0
TOTAL COSTS												
POSITIONS	9.00	7.00	- 2.00	22	9.00	7.00	- 2.00	22	9.00	8.00	- 1.00	11
EXPENDITURES (\$1000's)	6,364	1,233	- 5,131	81	1,593	1,593	+ 0	0	4,781	4,781	+ 0	0
					FISCAL YEAR 2024-25				FISCAL YEAR 2025-26			
					PLANNED	ACTUAL	± CHANGE	%	PLANNED	ESTIMATED	± CHANGE	%
PART II: MEASURES OF EFFECTIVENESS												
1. NUMBER OF LOANS APPROVED					25	6	- 19	76	25	15	- 10	40
2. TOTAL DOLLAR AMOUNT OF LOANS APPROVED (000'S)					5000	411	- 4589	92	5000	5000	+ 0	0
3. ANNUAL ACREAGE CULTIVATED BY BORROWERS					7500	11128	+ 3628	48	7500	7500	+ 0	0
4. AMT OF EMPLOYEES OR LABORERS UTILIZED BY BORROWER					1000	435	- 565	57	1000	1000	+ 0	0
5. FINANCING PROVIDED IN COOPERATION W/ PROG (000'S)					750	1336	+ 586	78	750	302	- 448	60
PART III: PROGRAM TARGET GROUP												
1. POTENTIAL QUALIFIED FARMERS/NEW FARMERS					7300	6696	- 604	8	6570	6570	+ 0	0
2. POTENTIAL QUALIFED AQUACULTURISTS					70	68	- 2	3	70	70	+ 0	0
3. AGRICULTURE/AQUACULTURE COOPERATIVES					20	20	+ 0	0	20	20	+ 0	0
4. COMMERCIAL BANKS					6	6	+ 0	0	6	6	+ 0	0
PART IV: PROGRAM ACTIVITY												
1. NUMBER OF PUBLIC RELATIONS CONTACTS					50	46	- 4	8	50	50	+ 0	0
2. NO. OF SERVICING CONTACTS WITH EXISTING BORROWERS					450	468	+ 18	4	450	450	+ 0	0
3. NUMBER OF LOAN INQUIRIES RECEIVED BY THE DIVISION					125	132	+ 7	6	125	125	+ 0	0
4. AMOUNT COLLECTED BY PROGRAM (000'S)					2000	3488	+ 1488	74	2000	2040	+ 40	2

STATE OF HAWAII

PROGRAM TITLE: PLANT PEST AND DISEASE CONTROL

PROGRAM-ID: AGR-122

PROGRAM STRUCTURE NO: 01030201

VARIANCE REPORT

REPORT V61

12/2/25

	FISCAL YEAR 2024-25					THREE MONTHS ENDED 09-30-25					NINE MONTHS ENDING 06-30-26				
	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ESTIMATED	± CHANGE		%
PART I: EXPENDITURES & POSITIONS															
RESEARCH & DEVELOPMENT COSTS															
POSITIONS															
EXPENDITURES (\$1,000's)															
OPERATING COSTS															
POSITIONS	114.00	84.00	-	30.00	26	143.00	83.00	-	60.00	42	143.00	115.00	-	28.00	20
EXPENDITURES (\$1000's)	14,649	10,606	-	4,043	28	6,652	6,652	+	0	0	19,956	19,956	+	0	0
TOTAL COSTS															
POSITIONS	114.00	84.00	-	30.00	26	143.00	83.00	-	60.00	42	143.00	115.00	-	28.00	20
EXPENDITURES (\$1000's)	14,649	10,606	-	4,043	28	6,652	6,652	+	0	0	19,956	19,956	+	0	0

					FISCAL YEAR 2024-25					FISCAL YEAR 2025-26				
					PLANNED	ACTUAL	± CHANGE		%	PLANNED	ESTIMATED	± CHANGE		%
PART II: MEASURES OF EFFECTIVENESS														
1. % TTL PARCELS INSP INTERCEPTED AS PROHIB/RESTRICT					.003	.003	+	0	0	.003	.003	+	0	0
2. NUMBER OF PEST INTERCEPTIONS					1100	896	-	204	19	1300	1100	-	200	15
3. # INTERCEPTED PEST SPECIES NOT ESTABLISHED IN HI					475	735	+	260	55	525	525	+	0	0
4. # OF PROHIBITED ANIMALS INTERCEPTED OR CONFISCATED					1750	1844	+	94	5	1825	1825	+	0	0
5. % OF CHEM/MECH CNTRL PROJ UNDER HI LEVEL OF CNTRL					15	10	-	5	33	15	15	+	0	0
6. % BIO CONTROL PROJECTS UNDER A HIGH LEVEL OF CNTRL					35	35	+	0	0	35	35	+	0	0
7. COMPLIANCE RATE CERT NURS & PT OF ORIGIN EXP INSP					98	100	+	2	2	98	98	+	0	0

PART III: PROGRAM TARGET GROUP														
1. NUMBER OF AIRCRAFT AND SHIP ARRIVALS (THOUSANDS)					51	53	+	2	4	51	51	+	0	0
2. NUMBER PASSENGER ARRIVALS BY AIR AND SEA (THOUS)					5200	6802	+	1602	31	5200	5200	+	0	0
3. NO. OF REGULATED BAGGAGE, CARGO AND MAIL (THOUS)					9200	9761	+	561	6	9200	9200	+	0	0
4. NUMBER OF IMPORT PERMIT REQUESTS					1300	1466	+	166	13	1300	1300	+	0	0
5. NUMBER OF SITES REQUIRING POST-ENTRY INSPECTIONS					475	422	-	53	11	475	475	+	0	0
6. NUMBER OF CERTIFIED NURSERIES					113	112	-	1	1	113	112	-	1	1
7. NUMBER OF NEW NOXIOUS WEED INFESTATIONS					1	0	-	1	100	1	1	+	0	0
8. NUMBER OF WIDESPREAD NOXIOUS WEED INFESTATIONS					40	40	+	0	0	40	40	+	0	0
9. NO. OF NEW INFESTATIONS OF INSECTS AND OTHER PESTS					15	3	-	12	80	15	15	+	0	0
10. NO. OF WIDESPREAD INFEST OF INSECTS AND OTHER PEST					10	5	-	5	50	10	5	-	5	50

PART IV: PROGRAM ACTIVITY														
1. NUMBER OF AIRCRAFT AND SHIPS MONITORED (THOUSANDS)					37	38	+	1	3	37	37	+	0	0
2. NUMBER OF AIR AND SEA PASSENGERS MONITORED (THOUS)					3800	4421	+	621	16	4500	3800	-	700	16
3. NO. OF BAGGAGE, CARGO, AND MAIL INSPECTED (THOUS)					7300	7722	+	422	6	7300	7300	+	0	0
4. NUMBER OF POST-ENTRY INSPECTIONS CONDUCTED					50	27	-	23	46	50	50	+	0	0
5. NUMBER OF CERTIFIED NURSERY INSPECTIONS					226	224	-	2	1	226	224	-	2	1
6. NUMBER OF CHEM/MECH CNTRL AND ERADICATION PROJECTS					5	3	-	2	40	5	5	+	0	0
7. BIOLOGICAL CONTROL OF PEST SPECIES (# OF PROJECTS)					2	3	+	1	50	2	3	+	1	50
8. SEED TEST AND ANALYSIS (NUMBER OF LOTS)					3	0	-	3	100	3	2	-	1	33

	FISCAL YEAR 2024-25					THREE MONTHS ENDED 09-30-25					NINE MONTHS ENDING 06-30-26				
PART I: EXPENDITURES & POSITIONS RESEARCH & DEVELOPMENT COSTS POSITIONS EXPENDITURES (\$1,000's) OPERATING COSTS POSITIONS EXPENDITURES (\$1000's) TOTAL COSTS POSITIONS EXPENDITURES (\$1000's)	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ESTIMATED	± CHANGE		%
	32.32	25.32	-	7.00	22	32.32	26.32	-	6.00	19	32.32	31.32	-	1.00	3
	5,473	5,589	+	116	2	1,195	1,195	+	0	0	3,586	3,586	+	0	0
	32.32	25.32	-	7.00	22	32.32	26.32	-	6.00	19	32.32	31.32	-	1.00	3
	5,473	5,589	+	116	2	1,195	1,195	+	0	0	3,586	3,586	+	0	0
						FISCAL YEAR 2024-25					FISCAL YEAR 2025-26				
						PLANNED	ACTUAL	± CHANGE		%	PLANNED	ESTIMATED	± CHANGE		%
PART II: MEASURES OF EFFECTIVENESS															
1. NUMBER OF RABIES CASES IN THE COMMUNITY						0	0	+	0	0	0	0	+	0	0
2. NUMBER OF ALIEN PESTS DETECTED						3	4	+	1	33	4	4	+	0	0
PART III: PROGRAM TARGET GROUP															
1. DOGS AND CATS QUARANTINED						500	747	+	247	49	500	600	+	100	20
2. POPULATION OF HAWAII						1450000	1450000	+	0	0	1450000	1450000	+	0	0
PART IV: PROGRAM ACTIVITY															
1. NUMBER OF DOGS AND CATS QUARANTINED - 120 DAYS						486	369	-	117	24	500	400	-	100	20
2. NO. OF DOGS & CATS QUARANTINED- LESS THAN 120 DAYS						550	378	-	172	31	550	400	-	150	27
3. NO. QUAL DOGS & CATS RELEASD AFTER INSP UPON ARRVL						17000	17859	+	859	5	17000	18000	+	1000	6
4. NUMBER OF DOGS AND CATS QUARANTINED - TRANSIT						200	247	+	47	24	200	250	+	50	25
5. NO. OF SATELLITE & APPROVED VET FACILITY MONITORED						30	30	+	0	0	30	30	+	0	0
6. NO. OF DOGS & CATS SAMPLED FOR EXTERNAL PARASITES						5	5	+	0	0	5	5	+	0	0
7. NO. OF DOGS & CATS SAMPLED FOR INTERNAL PARASITES						800	749	-	51	6	800	800	+	0	0
8. NO. SVC DOGS & ELIGIBLE GUIDE DOG ENTRIES PROCESD						1700	1517	-	183	11	1800	1800	+	0	0

	FISCAL YEAR 2024-25					THREE MONTHS ENDED 09-30-25					NINE MONTHS ENDING 06-30-26				
PART I: EXPENDITURES & POSITIONS RESEARCH & DEVELOPMENT COSTS POSITIONS EXPENDITURES (\$1,000's) OPERATING COSTS POSITIONS EXPENDITURES (\$1000's) TOTAL COSTS POSITIONS EXPENDITURES (\$1000's)	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ESTIMATED	± CHANGE		%
	25.68	19.68	-	6.00	23	25.68	18.68	-	7.00	27	25.68	22.68	-	3.00	12
	3,823	2,101	-	1,722	45	944	944	+	0	0	2,832	2,832	+	0	0
	25.68	19.68	-	6.00	23	25.68	18.68	-	7.00	27	25.68	22.68	-	3.00	12
	3,823	2,101	-	1,722	45	944	944	+	0	0	2,832	2,832	+	0	0
						FISCAL YEAR 2024-25					FISCAL YEAR 2025-26				
						PLANNED	ACTUAL	± CHANGE		%	PLANNED	ESTIMATED	± CHANGE		%
PART II: MEASURES OF EFFECTIVENESS															
1. NO. OF DISEASE-FREE STATUS OBTAINED & MAINTAINED						6	6	+	0	0	6	6	+	0	0
2. NO.OF OIE DISEASES OF LVSTK & POLTRY NOT IN STATE						115	115	+	0	0	115	115	+	0	0
3. NO. DISEASE CNTRL & ERAD PRG & VOL DIS STATUS PROG						9	9	+	0	0	9	9	+	0	0
4. NO.OF DISEASE CNTRL PROG W/ PUBLIC HEALTH IMPACT						6	6	+	0	0	6	6	+	0	0
PART III: PROGRAM TARGET GROUP															
1. LIVESTOCK PRODUCERS						2700	2700	+	0	0	2700	2700	+	0	0
2. AQUACULTURE PRODUCERS						100	100	+	0	0	100	100	+	0	0
3. HUMAN POPULATION						1450000	1450000	+	0	0	1450000	1450000	+	0	0
PART IV: PROGRAM ACTIVITY															
1. NO. LVSTK & EXOTIC ANMLS INSP/TEST ON ENTRY						1000	530	-	470	47	1000	600	-	400	40
2. NO. DAY-OLD CHICKS AND HATCHED EGGS INSP ON ENTRY						800000	711137	-	88863	11	800000	800000	+	0	0
3. NUMBER OF DOGS AND CATS INSPECTED ON ENTRY						17000	17859	+	859	5	17000	18000	+	1000	6
4. NO. POLTRY,OTH BRDS, NON-DMSTC ANMLS INSP ON ENTRY						12000	13829	+	1829	15	15000	14000	-	1000	7
5. NO. SMPLS COLLECTD & ANMLS FIELD TSTD: ENTRY, SURV						2000	1871	-	129	6	2000	2000	+	0	0
6. # OF LVSTCK/AQUA/ EPIDEMI DISEASE INVESTIGATIONS						15	15	+	0	0	12	12	+	0	0
7. NO. SMPLS COLL/PRCSO FOR FED-ST DISEAS SURV PROGS						2000	1871	-	129	6	2000	2000	+	0	0
8. NO. LAB TESTS FOR LVSTK/POLTRY DIEASE SURVEILLANCE						4500	6581	+	2081	46	4500	4500	+	0	0
9. NO. TESTS FOR IMPORTED ANMLS INCL DOGS AND CATS						5000	7821	+	2821	56	5000	6000	+	1000	20
10. # OF AQUATIC ANIMAL HEALTH DOCUMENTS ISSUED						1400	762	-	638	46	1400	800	-	600	43

	FISCAL YEAR 2024-25					THREE MONTHS ENDED 09-30-25					NINE MONTHS ENDING 06-30-26				
PART I: EXPENDITURES & POSITIONS RESEARCH & DEVELOPMENT COSTS POSITIONS EXPENDITURES (\$1,000's) OPERATING COSTS POSITIONS EXPENDITURES (\$1000's) TOTAL COSTS POSITIONS EXPENDITURES (\$1000's)	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ESTIMATED	± CHANGE		%
	25.50	18.00	-	7.50	29	23.50	18.00	-	5.50	23	23.50	21.00	-	2.50	11
	2,746	1,713	-	1,033	38	665	665	+	0	0	1,996	1,996	+	0	0
	25.50	18.00	-	7.50	29	23.50	18.00	-	5.50	23	23.50	21.00	-	2.50	11
	2,746	1,713	-	1,033	38	665	665	+	0	0	1,996	1,996	+	0	0
						FISCAL YEAR 2024-25					FISCAL YEAR 2025-26				
						PLANNED	ACTUAL	± CHANGE		%	PLANNED	ESTIMATED	± CHANGE		%
PART II: MEASURES OF EFFECTIVENESS															
1. % OF ENFORCEMENT INSP THAT COMPLY W/ LAWS AND RULE						95	94	-	1	1	95	95	+	0	0
2. % CERTIFICATION REQUESTS FULFILLED						100	100	+	0	0	100	100	+	0	0
3. AVERAGE TURN AROUND TIME IN DAYS FOR COFFEE CERT						3	3	+	0	0	3	3	+	0	0
4. % OF MIN CLASS ONE MILK PRICE RECEIVED BY PRODUCER						100	100	+	0	0	100	100	+	0	0
5. % OF AUDITED FARMS COMPLYING W/ GOOD AG PRACTICES						95	92	-	3	3	95	95	+	0	0
PART III: PROGRAM TARGET GROUP															
1. PRODUCERS AND PROCESSORS OF AGRICULTURAL PRODUCTS						5500	5500	+	0	0	5500	5500	+	0	0
2. WHOLESALERS AND RETAILERS OF AGRICULTURAL PRODUCTS						425	457	+	32	8	425	450	+	25	6
3. PRODUCERS, PROD-DISTRIB & DISTRIBUTORS OF MILK						19	19	+	0	0	18	19	+	1	6
4. PRODUCERS AND DISTRIBUTORS OF ANIMAL FEED PRODUCTS						6	6	+	0	0	6	6	+	0	0
PART IV: PROGRAM ACTIVITY															
1. # OF CERT ISSUED FOR GRADE AND COND OF AG COMM						800	818	+	18	2	800	800	+	0	0
2. # OF LOTS OF AG COMM INSP FOR COMP W/ LAWS & RULES						110	5182	+	5072	4611	110	5000	+	4890	4445
3. NUMBER OF DEALERS IN AG PRODUCTS LICENSED						850	835	-	15	2	850	835	-	15	2
4. # PRODUCERS, PROD-DIST, AND DIST OF MILK LICENSED						18	19	+	1	6	18	19	+	1	6
5. NUMBER OF MONTHLY MILK PAYROLLS CALCULATED						24	24	+	0	0	24	24	+	0	0
6. # OF TIMES MIN PRICE TO MILK PRODUCERS IS ADJUSTED						12	12	+	0	0	12	12	+	0	0
7. # OF HRS EDUC SESSIONS TO IMP COMP W/ LAWS & RULE						5	0	-	5	100	10	5	-	5	50

VARIANCE REPORT

	FISCAL YEAR 2024-25				THREE MONTHS ENDED 09-30-25				NINE MONTHS ENDING 06-30-26			
	BUDGETED	ACTUAL	± CHANGE	%	BUDGETED	ACTUAL	± CHANGE	%	BUDGETED	ESTIMATED	± CHANGE	%
PART I: EXPENDITURES & POSITIONS												
RESEARCH & DEVELOPMENT COSTS												
POSITIONS												
EXPENDITURES (\$1,000's)												
OPERATING COSTS												
POSITIONS	13.00	9.00	- 4.00	31	13.00	9.00	- 4.00	31	13.00	11.00	- 2.00	15
EXPENDITURES (\$1000's)	8,415	2,031	- 6,384	76	2,116	2,116	+ 0	0	6,349	6,349	+ 0	0
TOTAL COSTS												
POSITIONS	13.00	9.00	- 4.00	31	13.00	9.00	- 4.00	31	13.00	11.00	- 2.00	15
EXPENDITURES (\$1000's)	8,415	2,031	- 6,384	76	2,116	2,116	+ 0	0	6,349	6,349	+ 0	0
					FISCAL YEAR 2024-25				FISCAL YEAR 2025-26			
					PLANNED	ACTUAL	± CHANGE	%	PLANNED	ESTIMATED	± CHANGE	%
PART II: MEASURES OF EFFECTIVENESS												
1. MARKETING ACTIVITIES CREATED, CONDUCTED OR MANAGED					30	31	+ 1	3	30	30	+ 0	0
2. PRODUCER GROUPS CONTACTED THRU OUTREACH ACTIVITIES					50	52	+ 2	4	50	50	+ 0	0
3. NO. OF REQ FOR PROPOSALS OFFERED TO ASSOCIATION					4	36	+ 32	800	4	35	+ 31	775
4. NO. OF CONTRACTS, LOA, MOU, ADMINISTERED					550	621	+ 71	13	20	650	+ 630	3150
PART III: PROGRAM TARGET GROUP												
1. PRODUCERS AND PROCESSORS OF AGRICULTURAL PRODUCTS					6569	6569	+ 0	0	7000	6569	- 431	6
2. COMMODITY GROUPS					10	12	+ 2	20	10	10	+ 0	0
3. COMMODITY ASSOCIATIONS, COOPERATIVES, FEDERATIONS					15	19	+ 4	27	15	15	+ 0	0
PART IV: PROGRAM ACTIVITY												
1. SEEK AND APPLY FOR FED FUNDING VIA GRANTS, PRGMS					2	2	+ 0	0	3	2	- 1	33
2. COLLECT, COMPILE AND PUBLISH STATISTICS					50	46	- 4	8	50	50	+ 0	0
3. CREATE ECONOMIC REPORTS AND MARKET STUDIES					14	13	- 1	7	14	14	+ 0	0
4. PLAN, MANAGE, OR ATTEND TRADE SHOWS					8	9	+ 1	13	5	8	+ 3	60

	FISCAL YEAR 2024-25					THREE MONTHS ENDED 09-30-25					NINE MONTHS ENDING 06-30-26				
PART I: EXPENDITURES & POSITIONS RESEARCH & DEVELOPMENT COSTS POSITIONS EXPENDITURES (\$1,000's) OPERATING COSTS POSITIONS EXPENDITURES (\$1000's) TOTAL COSTS POSITIONS EXPENDITURES (\$1000's)	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ESTIMATED	± CHANGE		%
	40.00	34.00	-	6.00	15	40.00	33.00	-	7.00	18	40.00	38.00	-	2.00	5
	5,991	5,424	-	567	9	2,455	2,455	+	0	0	7,365	7,365	+	0	0
	40.00	34.00	-	6.00	15	40.00	33.00	-	7.00	18	40.00	38.00	-	2.00	5
	5,991	5,424	-	567	9	2,455	2,455	+	0	0	7,365	7,365	+	0	0
						FISCAL YEAR 2024-25					FISCAL YEAR 2025-26				
						PLANNED	ACTUAL	± CHANGE		%	PLANNED	ESTIMATED	± CHANGE		%
PART II: MEASURES OF EFFECTIVENESS															
1. LANDS IRRIGATED BY DEPT OF AG IRRIG SYS (ACRES)						12559	12557	-	2	0	12500	12569	+	69	1
2. AGRICULTURAL LANDS LEASED (ACRES)						73163	29120	-	44043	60	73163	35000	-	38163	52
PART III: PROGRAM TARGET GROUP															
1. FARMS SERVED BY DEPT OF AG IRRIG SYSTEMS						702	702	+	0	0	720	711	-	9	1
2. FARMS LEASED ON DEPT OF AG LANDS						557	490	-	67	12	557	525	-	32	6
PART IV: PROGRAM ACTIVITY															
1. NO. OF CURRENT IRRIGATION/LAND CIP PROJECTS						47	33	-	14	30	50	35	-	15	30
2. NUMBER OF NEW WATER SERVICES INSTALLED						10	5	-	5	50	10	10	+	0	0
3. PIPELINE AND DITCHES MAINTAINED (MILES)						100	100	+	0	0	100	100	+	0	0
4. NO. OF AG LAND FIELD INSPECTIONS CONDUCTED						1114	236	-	878	79	1114	550	-	564	51
5. NUMBER OF DAM SAFETY INSPECTIONS CONDUCTED						25	28	+	3	12	25	25	+	0	0

	FISCAL YEAR 2024-25					THREE MONTHS ENDED 09-30-25					NINE MONTHS ENDING 06-30-26				
PART I: EXPENDITURES & POSITIONS RESEARCH & DEVELOPMENT COSTS POSITIONS EXPENDITURES (\$1,000's) OPERATING COSTS POSITIONS EXPENDITURES (\$1000's) TOTAL COSTS POSITIONS EXPENDITURES (\$1000's)	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ESTIMATED	± CHANGE		%
	31.00	24.00	-	7.00	23	33.00	25.00	-	8.00	24	33.00	31.00	-	2.00	6
	5,610	5,152	-	458	8	1,395	1,395	+	0	0	4,186	4,186	+	0	0
	31.00	24.00	-	7.00	23	33.00	25.00	-	8.00	24	33.00	31.00	-	2.00	6
	5,610	5,152	-	458	8	1,395	1,395	+	0	0	4,186	4,186	+	0	0
						FISCAL YEAR 2024-25					FISCAL YEAR 2025-26				
						PLANNED	ACTUAL	± CHANGE		%	PLANNED	ESTIMATED	± CHANGE		%
PART II: MEASURES OF EFFECTIVENESS															
1. # OF ACRES RECLASSIFIED FROM AG TO URBAN USE						50	60	+	10	20	50	60	+	10	20
2. NUMBER OF POSITIONS FILLED						50	44	-	6	12	50	50	+	0	0
3. % OF VENDOR PAYMENTS MADE WTHN 30 DAYS						95	98	+	3	3	95	95	+	0	0
4. % OF DATA PROCESSING REQUESTS COMPLETED						95	97	+	2	2	95	95	+	0	0
PART III: PROGRAM TARGET GROUP															
1. INVENTORY OF IMPORTANT AG LANDS (ACRES)						137000	137000	+	0	0	137000	137000	+	0	0
2. EMPLOYEES (NUMBER)						334	334.5	+	0.5	0	360	375.5	+	15.5	4
3. DIVISIONS (NUMBER)						6	6	+	0	0	6	6	+	0	0
4. BRANCHES (NUMBER)						12	12	+	0	0	12	12	+	0	0
5. ATTACHED AGENCIES (NUMBER)						0	0	+	0	0	0	0	+	0	0
PART IV: PROGRAM ACTIVITY															
1. # LAND USE PERMIT APPL REVIEWED AFFECTING AG LANDS						25	20	-	5	20	25	20	-	5	20
2. NUMBER OF PURCHASE ORDERS PROCESSED						2500	2383	-	117	5	1400	2500	+	1100	79
3. NUMBER OF PETTY CASH CHECKS PROCESSED						50	42	-	8	16	50	50	+	0	0
4. NUMBER OF DATA PROCESSING REQUESTS RECEIVED						600	586	-	14	2	600	600	+	0	0

	FISCAL YEAR 2024-25					THREE MONTHS ENDED 09-30-25					NINE MONTHS ENDING 06-30-26				
PART I: EXPENDITURES & POSITIONS RESEARCH & DEVELOPMENT COSTS POSITIONS EXPENDITURES (\$1,000's) OPERATING COSTS POSITIONS EXPENDITURES (\$1000's) TOTAL COSTS POSITIONS EXPENDITURES (\$1000's)	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ESTIMATED	± CHANGE		%
	7.00	0.00	-	7.00	100	7.00	0.00	-	7.00	100	7.00	0.00	-	7.00	100
	1,102	783	-	319	29	0	0	+	0	0	1,104	0	-	1,104	100
	7.00	0.00	-	7.00	100	7.00	0.00	-	7.00	100	7.00	0.00	-	7.00	100
	1,102	783	-	319	29	0	0	+	0	0	1,104	0	-	1,104	100
						FISCAL YEAR 2024-25					FISCAL YEAR 2025-26				
						PLANNED	ACTUAL	± CHANGE		%	PLANNED	ESTIMATED	± CHANGE		%
PART II: MEASURES OF EFFECTIVENESS															
1. AQUACULTURE PRODUCTION (THOUSANDS OF POUNDS)						720	715	-	5	1	721	715	-	6	1
2. PRIMARY VALUE OF AQUACULTURE PRODUCTION (\$000)						95000	65189	-	29811	31	95950	95950	+	0	0
3. TOTAL AQUACULTURE EMPLOYMENT						415	405	-	10	2	415	415	+	0	0
PART III: PROGRAM TARGET GROUP															
1. AQUACULTURE OPERATIONS STATEWIDE						65	60	-	5	8	66	65	-	1	2
PART IV: PROGRAM ACTIVITY															
1. INFORMATION SENT (NUMBER)						175	170	-	5	3	175	180	+	5	3
2. PERMIT ASSISTANCE (NUMBER)						200	175	-	25	13	200	100	-	100	50
3. DISEASE ASSISTANCE (NUMBER OF CASES)						250	250	+	0	0	250	250	+	0	0
4. PROMOTIONAL EVENTS AND PRESENTATIONS (NUMBER)						3	3	+	0	0	3	3	+	0	0

	FISCAL YEAR 2024-25				THREE MONTHS ENDED 09-30-25				NINE MONTHS ENDING 06-30-26						
	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ESTIMATED	± CHANGE		%
PART I: EXPENDITURES & POSITIONS															
RESEARCH & DEVELOPMENT COSTS															
POSITIONS															
EXPENDITURES (\$1,000's)															
OPERATING COSTS															
POSITIONS	27.00	19.00	-	8.00	30	39.00	22.00	-	17.00	44	39.00	33.00	-	6.00	15
EXPENDITURES (\$1000's)	5,533	3,344	-	2,189	40	1,448	1,448	+	0	0	4,344	4,344	+	0	0
TOTAL COSTS															
POSITIONS	27.00	19.00	-	8.00	30	39.00	22.00	-	17.00	44	39.00	33.00	-	6.00	15
EXPENDITURES (\$1000's)	5,533	3,344	-	2,189	40	1,448	1,448	+	0	0	4,344	4,344	+	0	0
						FISCAL YEAR 2024-25				FISCAL YEAR 2025-26					
						PLANNED	ACTUAL	± CHANGE		%	PLANNED	ESTIMATED	± CHANGE		%
PART II: MEASURES OF EFFECTIVENESS															
1. # HIGHLY TOXIC EXP TO PEST THREAT TO LIFE OR HLTH						0	1	+	1	0	0	0	+	0	0
2. #DRINKG WATER SOURCES REQ TRTMT TO MEET HTH STDS						0	0	+	0	0	0	0	+	0	0
3. CROP LOSS PREVENTED BY EMERGENCY USE OF PESTICIDES						1750	NO DATA	-	1750	100	1750	NO DATA	-	1750	100
PART III: PROGRAM TARGET GROUP															
1. NO. OF APPLS CERT FOR RESTR USE OF PESTICIDES						1800	1665	-	135	8	1800	1700	-	100	6
2. NO. OF LICENSED DEALERS						20	21	+	1	5	20	21	+	1	5
3. LICENSEES OF PESTICIDE PRODUCTS						2650	1766	-	884	33	2650	1800	-	850	32
4. NO. OF AGRICULTURAL LABORERS						10500	NO DATA	-	10500	100	10500	NO DATA	-	10500	100
5. NON-CERTIFIED APPLICATORS						150	NO DATA	-	150	100	150	NO DATA	-	150	100
PART IV: PROGRAM ACTIVITY															
1. CERTIF OF RESTRICTED PESTICIDE USERS						300	235	-	65	22	300	200	-	100	33
2. FIELD INSP MONITORING PEST USE (AG & NON AG)						180	213	+	33	18	180	260	+	80	44
3. INVEST OF COMPLAINTS OF ALLEGED PESTICIDE MISUSE						60	23	-	37	62	60	35	-	25	42
4. LICENSING DEALERS OF RESTRICTED PESTICIDES						21	21	+	0	0	21	21	+	0	0
5. SAMP PESTICIDE PROD & ENV SURFACES FOR RESIDUES						240	181	-	59	25	240	200	-	40	17
6. MARKET INSPECTIONS						40	43	+	3	8	40	45	+	5	13
7. PESTICIDE PRODUCT REGISTRATION (NO. OF PRODUCTS)						2953	8857	+	5904	200	2953	8800	+	5847	198
8. MINOR USE REGISTRATIONS						7	8	+	1	14	7	7	+	0	0
9. GROUND WATER REVIEWS						2	1	-	1	50	2	2	+	0	0
10. CONSULT W/ FISH & WLDIF SVCS FOR ENDANGERED SP IMP						4	1	-	3	75	4	2	-	2	50

STATE OF HAWAII

PROGRAM TITLE: MEASUREMENT STANDARDS

PROGRAM-ID: AGR-812

PROGRAM STRUCTURE NO: 10010402

VARIANCE REPORT

REPORT V61

12/2/25

	FISCAL YEAR 2024-25					THREE MONTHS ENDED 09-30-25					NINE MONTHS ENDING 06-30-26				
	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ACTUAL	± CHANGE		%	BUDGETED	ESTIMATED	± CHANGE		%
PART I: EXPENDITURES & POSITIONS															
RESEARCH & DEVELOPMENT COSTS															
POSITIONS															
EXPENDITURES (\$1,000's)															
OPERATING COSTS															
POSITIONS	10.00	7.00	-	3.00	30	10.00	6.00	-	4.00	40	10.00	8.00	-	2.00	20
EXPENDITURES (\$1000's)	770	666	-	104	14	186	186	+	0	0	560	560	+	0	0
TOTAL COSTS															
POSITIONS	10.00	7.00	-	3.00	30	10.00	6.00	-	4.00	40	10.00	8.00	-	2.00	20
EXPENDITURES (\$1000's)	770	666	-	104	14	186	186	+	0	0	560	560	+	0	0

	FISCAL YEAR 2024-25					FISCAL YEAR 2025-26				
	PLANNED	ACTUAL	± CHANGE		%	PLANNED	ESTIMATED	± CHANGE		%
PART II: MEASURES OF EFFECTIVENESS										
1. COMPLIANCE RATE FOR COMMERCIAL MEASURING DEVICES	97	98	+	1	1	97	98	+	1	1
2. PERCENTAGE OF MEASURING DEVICES INSPECTED	50	54	+	4	8	55	57	+	2	4
3. COMPLIANCE RATE FOR SERVICE AGENCIES	90	95	+	5	6	90	95	+	5	6
4. COMPLIANCE RATE FOR AUTOMOTIVE FUEL OCTANE RATING	90	90	+	0	0	95	95	+	0	0
5. PERCENTAGE OF MEASUREMENT STANDARDS CALIBRATED	75	75	+	0	0	75	75	+	0	0
6. COMPLIANCE RATE FOR PRICING	98	98	+	0	0	98	98	+	0	0
7. PERCENTAGE OF STORES INSPECTED FOR PRICING	20	10	-	10	50	20	20	+	0	0
8. COMPLIANCE RATE FOR PACKAGE CONTENT	50	70	+	20	40	50	70	+	20	40
9. COMPLIANCE RATE FOR PACKAGE LABELING	50	60	+	10	20	55	60	+	5	9
PART III: PROGRAM TARGET GROUP										
1. BUSINESSES USING WEIGHING DEVICES	2000	2025	+	25	1	2000	2025	+	25	1
2. BUSINESSES USING VOLUMETRIC DEVICES	410	415	+	5	1	410	415	+	5	1
3. BUSINESSES USING LINEAR DEVICES	1825	1817	-	8	0	1800	1817	+	17	1
4. SERVICE AGENCIES FOR MEASURING DEVICES	55	59	+	4	7	58	60	+	2	3
5. STORES USING PRICE SCANNERS	1200	1200	+	0	0	1200	1200	+	0	0
6. MEASUREMASTER	350	321	-	29	8	350	321	-	29	8
7. DE FACTO POPULATION OF HAWAII (THOUSANDS)	1416	1446	+	30	2	1450	1446	-	4	0
PART IV: PROGRAM ACTIVITY										
1. # OF MEASURING DEVICES INSPECTED - WEIGHT	50	95	+	45	90	100	100	+	0	0
2. # OF MEASURING DEVICES INSPECTED - VOLUME	2500	2472	-	28	1	2500	2500	+	0	0
3. # OF MEASURING DEVICES INSPECTED - LINEAR	1500	1523	+	23	2	1550	1550	+	0	0
4. # OF REPAIR SERVICES MONITORED FOR QUALITY	1825	1830	+	5	0	1850	1850	+	0	0
5. # OF MEASUREMENT STANDARDS CALIBRATED	1700	1741	+	41	2	1700	1700	+	0	0
6. # OF OCTANE TESTS DONE ON AUTOMOTIVE FUEL	50	15	-	35	70	50	50	+	0	0
7. # CONSUMER PKG INSPECT FOR QUANT OF CONTENTS (000)	50	75	+	25	50	100	100	+	0	0
8. # OF CONSUMER PACKAGE LABELS INSPECTED	50	225	+	175	350	100	225	+	125	125
9. # CONSUMER PRODS INSPECTED FOR PRICE VERIFICATION	50	550	+	500	1000	100	500	+	400	400
10. NUMBER OF MEASURING DEVICES LICENSED	22359	21042	-	1317	6	22000	21500	-	500	2

VARIANCE REPORT NARRATIVE FY 2025 AND FY 2026

01 03 01
AGR 101

PROGRAM TITLE: FINANCIAL ASSISTANCE FOR AGRICULTURE

PART I - EXPENDITURES AND POSITIONS

The variances in FY 25 positions and expenditures are due to position vacancies and the lower dollar amount in loan disbursements. Variances in FY 26 positions are due to lack of qualified applicants for vacant positions.

PART II - MEASURES OF EFFECTIVENESS

Item 1 - The decrease in number of loans approved is attributed to uncertain financial conditions making farmers hesitant to expand or improve farm operations. Factors affecting this were difficulty finding labor and higher input costs due to inflation and tariffs.

Item 2 - The decrease in the total dollar amount in loans approved is related to the reduced total amount of loans approved.

Item 3 - The increase in cultivated acreage is due several cattle ranch loans with large acreages of several thousand acres which skews acreage cultivated higher.

Item 4 - The amount was below the planned amount due to both the tight labor market, which made finding employees extremely difficult and farms adjusting to the increasing costs due to inflation which limited cash flow.

Item 5 - The amount of funding provided by other credit sources increased significantly due increased demand for loan guaranties. Loan guaranties facilitates more funding for farmers without the need for direct State funding.

PART III - PROGRAM TARGET GROUPS

No significant variances.

PART IV - PROGRAM ACTIVITIES

Item 4 - The amount collected by the program was above the projected amount due to loan payoffs and increased focused on collections and working with delinquent borrowers.

VARIANCE REPORT NARRATIVE

FY 2025 AND FY 2026

01 03 02 01
AGR 122

PROGRAM TITLE: PLANT PEST AND DISEASE CONTROL

PART I - EXPENDITURES AND POSITIONS

The variances in expenditures are due to restrictions, position vacancies, and lower than expected special and federal fund expenditures. The variances in positions are due to a lack of qualified applicants for vacant positions.

PART II - MEASURES OF EFFECTIVENESS

Item 2 - The number of pest interceptions is lower due to the use of electronic manifesting and increased staff effort on detecting high-risk pests. Number of insects not known to occur (NKO) in Hawaii account for large number of interceptions turned in. High level of compliance for certified nurseries resulted in reduced insect interceptions as well. Reduction is expected to carry over into FY 26.

Item 3 - Staff are prioritizing NKOs and other high-risk commodities.

Item 5 - Drought conditions led to conditions that were unfavorable for weed control, especially of weeds that tend to be drought resistant. Invasive species impacts (two-lined spittlebug) were also promoting weed proliferation. In addition, most of the resources were directed on high-priority pests such as coconut rhinoceros beetle, little fire ant and coqui frogs.

PART III - PROGRAM TARGET GROUPS

Item 2 - The number of passenger arrivals fluctuates with economic conditions. Hiring and training of new staff is necessary to expand coverage and increase monitoring activities.

Item 4 - The increase in permit volume was primarily for the importation of non-domestic animals as pets.

Item 5 - Reduced requests for restricted non-domestic animals and microorganisms, lessened the need for post entry inspections.

Item 7 - No new noxious weed detections have been made.

Item 9 - Due to limited staffing capacity, fewer new infestations were detected; recruitment efforts are actively underway.

Item 10 - Due to limited staffing capacity, fewer widespread infestations were tracked; recruitment efforts are actively underway.

PART IV - PROGRAM ACTIVITIES

Item 2 - Monitoring activities increased due to the implementation of the Akamai Arrival Pilot program.

Item 4 - The loss of the permanent plant specialist, whose section has the most regulated sites, has resulted in reduced post-entry inspection counts.

Item 6 - The number of projects vary each fiscal year and the primary projects for control and eradication include coconut rhinoceros beetle, little fire ant and coqui frog.

Item 7 - The increase was due to a project on *Phymasticus* sp. with the University of Hawaii.

Item 8 - Due to the loss of staff to retirement, no seed test and analysis were conducted; recruitment efforts are actively underway.

VARIANCE REPORT NARRATIVE FY 2025 AND FY 2026

01 03 02 02 01
AGR 131

PROGRAM TITLE: RABIES QUARANTINE

PART I - EXPENDITURES AND POSITIONS

The variances in positions filled are due to the inability to find qualified candidates for vacant positions.

PART II - MEASURES OF EFFECTIVENESS

Item 2 - The increase in alien pests detected are due to higher number of tick infestations on the Continental U.S.

PART III - PROGRAM TARGET GROUPS

Item 1 - The increased total amount of animals quarantined in FY 25 is primarily due to the increased number of animals arriving early and into the 120-day program. A slight increase or no change is expected in FY 26.

PART IV - PROGRAM ACTIVITIES

Items 1 and 2 - The decrease is due to a higher number of animals in the direct Airport Release Program or that were released on arrival.

Item 4 - The number of animals transiting through the State fluctuates from year-to-year. There is no underlying evidence that supports a continued decline.

Item 8 - The decrease in service dog entries may be due to lower number of travelers entering the State in general.

VARIANCE REPORT NARRATIVE FY 2025 AND FY 2026

01 03 02 02 02
AGR 132

PROGRAM TITLE: ANIMAL DISEASE CONTROL

PART I - EXPENDITURES AND POSITIONS

The variances in expenditures are due to vacancies and the absence of special fund expenditures. The variances in positions are due to difficulties in finding qualified candidates for vacant positions.

PART II - MEASURES OF EFFECTIVENESS

No significant variances.

PART III - PROGRAM TARGET GROUPS

No significant variances.

PART IV - PROGRAM ACTIVITIES

Item 1 - Number of livestock and other animals entering the State fluctuates each year depending on economic conditions.

Item 2 - The decrease in poultry imports may be related to the Highly Pathogenic Avian Influenza outbreak.

Item 4 - The increase is due to the number of pets entering the State, which fluctuates each year with economic conditions.

Items 8 and 9 - The increase is due to increase in poultry disease investigations and imported dogs and cats.

Item 10 - The decrease is due to the reduced amount of brood shrimp exported internationally.

VARIANCE REPORT NARRATIVE FY 2025 AND FY 2026

01 03 03 02
AGR 151

PROGRAM TITLE: QUALITY AND PRICE ASSURANCE

PART I - EXPENDITURES AND POSITIONS

The expenditure variances are due to position vacancies and lower than expected special, revolving, and federal fund expenditures. The position variances are due to lack of qualified candidates for vacant positions.

PART II - MEASURES OF EFFECTIVENESS

No significant variances.

PART III - PROGRAM TARGET GROUPS

No significant variances.

PART IV - PROGRAM ACTIVITIES

Item 2 - The increase is due to the inclusion of two activities the Branch had been performing, but mistakenly had not been including in this line item, the Egg Products Inspection Act enforcement and Country of Origin Labeling inspection. These activities will be included in this line item going forward.

Item 7 - The decreased number of hours of education sessions conducted is due to limited outreach activities because of shortage of staff from retirements and resignations.

VARIANCE REPORT NARRATIVE FY 2025 AND FY 2026

01 03 03 03
AGR 171

PROGRAM TITLE: AGRICULTURAL DEVELOPMENT AND MARKETING

PART I - EXPENDITURES AND POSITIONS

The expenditure variances are due to position vacancies, expenditure restrictions, and reduced federal fund expenditures. The position variances are due to the lack of qualified candidates for vacant positions.

PART II - MEASURES OF EFFECTIVENESS

Item 3 - The increase was due to the Sponsorship and Product Promotion Program that was offered to associations via Request for Proposals.

Item 4 - The increase was due to the contracts in total being administered for these programs: Micro-Grants for Food Security Program, Specialty Crop Block Grant Program, Grant-in-Aid (GIA) and Sponsorship and Product Promotion.

PART III - PROGRAM TARGET GROUPS

Item 2 - Focused efforts were made to connect and keep additional commodity groups engaged with the Department of Agriculture and Biosecurity.

Item 3 - With the assistance of two interns from Hele Imua Internship, the program was able to connect with six more commodity associations and attend their meetings or conferences.

PART IV - PROGRAM ACTIVITIES

Item 1 - FY 26 variance was due to uncertainty of the availability federal grant funds.

Item 4 - State Trade and Export Promotions funds were obtained from the Department of Business, Economic Development and Tourism which allowed the Market Development Branch to participate in additional trade shows internationally and domestically.

VARIANCE REPORT NARRATIVE

FY 2025 AND FY 2026

01 03 04 01
AGR 141

PROGRAM TITLE: AGRICULTURAL RESOURCE MANAGEMENT

PART I - EXPENDITURES AND POSITIONS

The expenditure variances are due to vacant positions and lower than expected special and revolving fund expenditures. The position variances are due to a lack of qualified candidates for vacant positions.

Item 5 - There were more dam safety inspections than planned due to oversight of projects and additional staff.

PART II - MEASURES OF EFFECTIVENESS

Item 2 - The overestimation of agricultural lands leased for FY 25 results from a slower than expected rate of Act 90 land transfers primarily attributable to delays in mapping and subdivision and staff shortages at the Department of Land and Natural Resources' (DLNR) Land Division and the Department of Agriculture and Biosecurity's (DAB) Land Branch. The estimate of agricultural lands leased for FY 26 is decreased by 52% for the same reasons.

PART III - PROGRAM TARGET GROUPS

Item 2 - The overestimation of farms leased on DAB lands for FY 25 results from a slower than expected rate of Act 90 land transfers primarily attributable to delays in mapping and subdivision and staff shortages at DLNR's Land Division and DAB's Land Branch.

PART IV - PROGRAM ACTIVITIES

Item 1 - The lower number of Capital Improvement Program (CIP) projects can be attributed to completion of projects and limited funding for new CIP projects.

Item 2 - The lower number of water meter services installed is due to fewer number of requests from irrigation customers.

Item 4 - The overestimation of the number of agricultural land field inspections conducted is due to retirements and resignations of property managers in Agricultural Resource Management Division (ARMD). ARMD has filled four vacant positions so far in FY 26 and expects the number of inspections to increase significantly, but is still anticipating to be about 51% below the previously planned FY 26 figure.

VARIANCE REPORT NARRATIVE FY 2025 AND FY 2026

01 03 04 03
AGR 192

PROGRAM TITLE: GENERAL ADMINISTRATION FOR AGRICULTURE

PART I - EXPENDITURES AND POSITIONS

The variances in expenditures are due to vacant positions and budget restrictions. The variances in positions filled are due to a lack of qualified applicants.

PART II - MEASURES OF EFFECTIVENESS

Item 1 - There have been no reclassifications from agricultural to urban use for three consecutive years.

Item 2 - The FY 25 variance in the number of positions filled is due to lack of qualified applicants.

PART III - PROGRAM TARGET GROUPS

No significant variances.

PART IV - PROGRAM ACTIVITIES

Item 1 - The decrease is due to decline in county level permit applications.

Item 2 - FY 26 planned data reported in error. Purchase orders processed will continue in the 2,000 to 2,500 range in FY 26.

Item 3 - The decrease is due to reduced petty cash reimbursements and purchases requested by employees.

VARIANCE REPORT NARRATIVE FY 2025 AND FY 2026

01 04 03
AGR 153

PROGRAM TITLE: AQUACULTURE DEVELOPMENT

PART I - EXPENDITURES AND POSITIONS

The variances in expenditures are due to staff vacancies and lower than anticipated expenditures from the Aquaculture Development Special Fund. The position variances are due to a lack of qualified candidates for vacant positions.

PART II - MEASURES OF EFFECTIVENESS

Item 2 - The aquaculture industry declined in value by 30%. The primary causes was a substantial decline in Specific Pathogen Free (SPF) shrimp broodstock exports as receiving countries gained experience and familiarity with in-country SPF broodstock production and the negative impact of critical infrastructure failure at the Natural Energy Laboratory of Hawaii Authority.

PART III - PROGRAM TARGET GROUPS

No significant variances.

PART IV - PROGRAM ACTIVITIES

Item 2 - Permit applications declined as the effects of over-regulation are realized.

VARIANCE REPORT NARRATIVE

FY 2025 AND FY 2026

04 01 02
AGR 846

PROGRAM TITLE: PESTICIDES

PART I - EXPENDITURES AND POSITIONS

The variances in expenditures are mainly due to position vacancies and reduced federal and revolving fund expenditures. The variances in positions are due to the lack of qualified applicants for vacant positions.

PART II - MEASURES OF EFFECTIVENESS

Item 1 - The number of high-level episode incidents that will occur are unpredictable and vary from year to year. In FY 25, we were notified of two potential high-level episodes. One was referred to the Environmental Protection Agency and one was considered to not be a high-level episode after further investigation.

Item 3 - The data is an estimated figure as actual data is "confidential business information" and is not available to the program. Requests for a Federal Insecticide, Fungicide, and Rodenticide Act, Section 18, Emergency Exemption, to use pesticides by an industry is infrequent but was approved in April of 2024 and expires in April 2027 for treatment of coconut rhinoceros beetle on non-crop palms and coconuts. Since this was a non-crop use, crop losses could not be estimated. Another Emergency Exemption request was renewed in March 2025, petitioned by the Department of Land and Natural Resources to use bacteria to reduce fertility of female mosquitos, related to endangered bird populations. Since this was also a non-crop use, crop losses could not be estimated.

PART III - PROGRAM TARGET GROUPS

Item 3 - Registrants may change agents or may contract consulting agencies to be responsible for registering their product in the State of Hawaii. The Pesticides Branch has no control over this and will update the licensees on file as warranted.

Item 4 - The number of agricultural laborers in 2024 was reported as 5,000 by the Market Analysis and News Branch of the Department of Agriculture and Biosecurity and the source of their data is the U.S. Department of Agriculture and National Agricultural Statistics Service. The Pesticides Branch does not participate in collecting this data, and the

information has been updated to reflect no data.

Item 5 - No data is available since the Pesticides Branch does not track the number of non-certified applicators. This number would include a large part of the general public due to disinfectant use.

PART IV - PROGRAM ACTIVITIES

Item 1 - As the negative connotation of pesticide use persists, applicators are reluctant to receive their certification to apply restricted use pesticides. The Pesticides Branch continues to see year-over-year reductions in new certifications.

Item 2 - The Inspectors in the Enforcement Section has filled four permanent inspector positions in FY 25. Two emergency hires are expected to start in FY 26 and recruitment is underway for the remaining vacancies. Inspection numbers vary annually due to the complexity of some inspections and total complaint cases filed by the public.

Item 3 - Complaints are the highest priority for the Pesticides Branch and follow up occurs within 24 hours of initial contact; however, amounts vary from year-to-year and are difficult to predict. Enforcement staff are available in all counties to respond to complaints since there is currently at least one inspector on each island.

Item 5 - The number of episodes requiring sampling and environmental matrices or surfaces for pesticide residues is unpredictable. Inspection staff confer with lab staff and managers prior to taking samples to ensure appropriate use of sampling funds due to high costs of running samples

Item 6 - For FY 26, the increase in staffing levels will allow for increased market inspections.

Item 7 - The number is based on the number of total active chemical pesticide products, which includes new products that were approved, products that were renewed, and products that did not need to be renewed due to Hawaii's three-year licensing cycle. Registrants may

VARIANCE REPORT NARRATIVE FY 2025 AND FY 2026

04 01 02
AGR 846

PROGRAM TITLE: PESTICIDES

cancel or discontinue their product licensing or may submit more pesticide applications than initially expected.

Item 8 - The number of Special Local Needs/Minor Use applications is unpredictable due to the rise and fall of different pests at different times and the changing crops of local agriculture.

Item 9 - The number of Groundwater Reviews (GR) is unpredictable due to the development cycle of new active ingredients. The GR project has been initiated with the University of Hawaii at Manoa (UH Manoa) and is undergoing review to determine if the current groundwater model is appropriate to use in Hawaii. Full groundwater review is being conducted by UH Manoa for six active ingredients; two are scheduled for completion by the end of the calendar year.

Item 10 - Consultations for impacts to endangered species are initiated when a Minor Use application may warrant the need since not all minor use applications will require the consultation. Since it is hard to predict the number and use of the minor use applications, it is unpredictable to estimate the number of consultations required.

VARIANCE REPORT NARRATIVE FY 2025 AND FY 2026

10 01 04 02
AGR 812

PROGRAM TITLE: MEASUREMENT STANDARDS

PART I - EXPENDITURES AND POSITIONS

The variances in expenditures are due to vacancies. The variance in positions are due to lack of qualified applicants for vacant positions.

PART II - MEASURES OF EFFECTIVENESS

Item 7 - The variance is due to staff shortages in the package and labeling section. Fewer stores inspected than anticipated.

Item 8 - The variance is due to a higher compliance rate than expected for the inspections performed.

Item 9 - The variance is due to a higher compliance rate than expected for the packages inspected.

PART III - PROGRAM TARGET GROUPS

No significant variances.

PART IV - PROGRAM ACTIVITIES

Item 1 - The variance was due to more inspections being performed due to hiring new personnel available to do field inspections other inspectors doing annual inspections versus service agency inspections, also management doing inspections replacing employees with injuries and illness.

Item 6 - The variance was due to a lack of personnel to assist in field inspections for this fiscal year. It was also due to a perfect compliance rate in FY 25 and inspections not being deemed necessary due to no individual complaints.

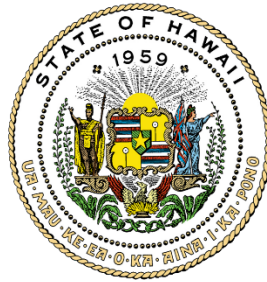
Item 7 - The variance is due to additional staff hired at the end of FY 25 in Maui and increased inspections by another inspector on the island of Hawaii.

Item 8 - The variance is due to increased inspections of coffee labels and changes in the laws that brings additional scrutiny to review these packages.

Item 9 - The variance is due to increased inspections by staff in the field and response to complaints and potential concerns regarding price changes in retail stores with scanners.

REPORT TO THE THIRTY-THIRD LEGISLATURE 2026 REGULAR SESSION

IN RESPONSE TO ACT 154
OF THE TWENTIETH LEGISLATURE 2000, REGULAR SESSION
REQUIRING THE BOARD OF AGRICULTURE AND BIOSECURITY TO REPORT
ANNUALLY
ON ALL MONEYS DEPOSITED INTO AND DISBURSED FROM
THE PESTICIDE USE REVOLVING FUND



Prepared by:
THE HAWAII DEPARTMENT OF AGRICULTURE AND BIOSECURITY

October 2025

PESTICIDE USE REVOLVING FUND

Annual Report to Legislature for Fiscal Year 2025

Background

In the Twentieth State Legislature, Regular Session of 2000, Act 154 was passed which amended Chapter 149A-13.5 to add subsection (f), which requires the Department of Agriculture and Biosecurity to submit an annual report to the legislature on all moneys deposited into and disbursed from the Pesticide Use Revolving Fund. The following information is reported:

1. Licensing and registration fees and charges collected by the department for pesticides products and training fees;
2. Expenditures for registration and licensing, certification and education, and compliance monitoring activities;
3. Fees set for education services and training;
4. Interest earned on the deposit or investment of the funds; and
5. Balance lapsed into the state general fund.

Executive Summary

This report covers the period from July 1, 2024 to June 30, 2025.

Revenue: The primary source of revenue is from licensing pesticide products. The pesticide product license fee during the reporting period was \$930 for a three-year license and approximately \$2,906,208.00 was collected from licensing pesticide products.

Most of the educational activities of the pesticide program staff are associated with other programs offered by or in collaboration with the University of Hawaii, the Hawaii Pest Control Association, Hawaii Farm Bureau, Kamehameha Schools, and the Landscape Industry Council of Hawaii. These organizations charge a fee and the Department's staff participate in these activities without compensation. If a special class or session is necessary to provide a certification opportunity for an individual or group, a training fee of up to \$50 per hour plus travel costs may be assessed. Total fees for educational classes or sessions equaled \$270.00. Fees for certification of Restricted Use Pesticides include \$50 per exam and \$100 per printed certification; total fees for licensing and certification of Certified Applicators equaled \$42,535.00.

Fines from enforcement action may also be deposited into the Pesticide Use Revolving Fund. Total fines recovered for enforcement actions equaled \$6,025.00.

Miscellaneous revenue from other activities such as service fees for bounced checks and reimbursements for prior years totaled \$458.14.

Interest earned from the Pesticide Use Revolving Fund was \$62,530.63.

Total revenue for FY2025 for the Pesticide Use Revolving Fund: \$3,018,956.77.

Expenditures: Twenty-four (24) positions in the Registration, Certification/Education, Chemical Analytical Lab, Case Prep, and Program Administration Sections were charged to this fund in FY25. Personnel costs accounted for \$297,454.39 of \$2,000,759.32 in operating expenditures. Funds returned to the General Fund during FY2025: \$1,164,426.42.

Funds encumbered in prior fiscal years affect the balance reported in the fund. The following summary shows all fund activity regardless of the year the funds were encumbered:

Fund balance on July 1, 2024:	\$2,176,732.62
Receipts:	\$3,018,956.77
FY2025 expenditures:	\$2,000,759.32
Fund balance on June 30, 2025:	\$3,194,930.07
All outstanding encumbrances:	\$1,030,503.65
Funds returned to the general fund:	\$1,164,426.42

A. Pesticide Use Revolving Fund Revenue

Licensing and registration fees and charges collected by the Department for pesticide products are the main source of revenue for the Pesticide Use Revolving Fund. Education, outreach, and certification fees and enforcement actions are the other two large sources of revenue for the Pesticide Use Revolving Fund.

In FY 2025, \$2,907,138.00 in licensing fees, \$42,535.00 in education, outreach, and certification fees, and \$6,025.00 in enforcement fines were collected.

B. Pesticide Use Revolving Fund Expenditures and Obligations

Expenditures for registration and licensing, certification and education, and compliance monitoring activities for funds in fiscal years prior to and disbursed during FY2025 totaled \$1,012,522.15. FY2025 funds expended or obligated during fiscal year 2025 are as follows:

Personnel costs for twenty-four (24) staff in the Registration, Certification & Education, Chemical Analytical Lab, Case Preparation, Enforcement and Administration Sections were funded by the Pesticide Use Revolving Fund. These personnel include:

Program Administration:

- One (1) Pesticides Program Manager responsible for the administration of the Pesticides Branch.
- One (1) Secretary responsible for administrative assistance.
- One (1) Environmental Health Specialist VI responsible for program compliance.

Registration and certification sections

- One (1) Environmental Health Specialist V (supervisor),

- Four (4) Environmental Health Specialists (1 level IV, 3 level III); responsible for licensing of pesticides and collection of pesticide-licensing fees,
- Five (5) Environmental Health Specialists (3 level IIIs and 2 level IIs) responsible for providing education and training services to pesticides users and administer certification examinations for applicators to apply restricted use pesticides.

Chemical Analysis Laboratory

- One (1) Chemist IV is responsible for quality assurance and quality control.

Case Preparation Section:

- Two (2) Environmental Health Specialist IVs responsible for reviewing inspections and drafting up official notices based on rules and regulations.

Enforcement Section:

- Eight (8) Environmental Health Specialists (2 level IVs, 3 level IIIs, and 3 level IIs) are responsible for pesticide inspections and complaint response.

Personnel costs totaled \$297,454.39.

1. Registration and Technical Review

Miscellaneous expenses for this activity area include groundwater reviews and studies, office supplies, subscriptions, postage and delivery charges, and other miscellaneous expenses. Total support from the Pesticide Use Revolving Fund for pesticides registration and licensing was approximately \$257,243.14.

2. Certification and Education

Miscellaneous expenses for this activity include office supplies, and translation services. Total support from the Pesticide Use Revolving Fund for the certification and education program was approximately \$116,759.53.

3. Compliance Monitoring

Compliance monitoring expenses were related to enforcement inspections, purchasing scientific supplies, laboratory equipment, other materials and supplies, rent, repair, utilities and service and maintenance of equipment. Chemistry Analytic Lab (CAL) expenditures are included in the calculations for this activity area. Expenses totaled approximately \$316,780.11.

Funds Expended for Fiscal Year 2025 (“Other” Expenditures Only)

Total funds spent from the Pesticide Use Revolving Fund under the “Other” expenditures only Category includes tele-communications, office maintenance, postage, fuel, and miscellaneous projects. Expenditures for this activity area was approximately \$690,782.78.

C. Interest Earned

\$62,530.63

D. Funds Returned to the General Fund

\$1,164,426.42

STATE OF HAWAII
DEPARTMENT OF AGRICULTURE AND BIOSECURITY
Honolulu, Hawaii

December 11, 2025

Report of the Hawaii Department of Agriculture and Biosecurity
In Response to Senate Concurrent Resolution 88
Requesting the Department of Agriculture and Biosecurity to Establish and Administer a
Microbial Algae Soil Products Pilot Program.

The 2025 State Legislature adopted Senate Concurrent Resolution No. 88 that requests the Hawaii Department of Agriculture and Biosecurity (Department) to establish and administer a two-year Microbial Algae Soil Products Pilot Program (Pilot Program). The purpose of the Pilot Program is to introduce "...microbial algae on agricultural lands in the State to address agricultural soil health while improving nutrient cycling, reducing fertilizer dependency, and enhancing overall soil health".

The Department is requested to collaborate with the College of Tropical Agriculture and Human Resilience (CTAHR) and with other departments and programs at the University of Hawaii with expertise in soil sciences and other fields relevant to the Pilot Program.

At the core of the Pilot Program is the participation of eligible farmers who will apply microbial algae soil products on their farms with the outcomes sought being improved soil health and crop productivity. Farmers seeking to participate in the Pilot Program must meet each of the following five eligibility criteria:

- (1) Operates a small to medium-sized farm of not less than ten acres and not more than one hundred acres;
- (2) Has stable or moderate production rates among all crops produced on the farm;
- (3) Experiences yield reduction, poor soil health or nutrient management, or excessive fertilizer use that impacts the overall quality of soil;
- (4) Produces high-value crops or a diverse variety of crops; **and**
- (5) Operates an organic farm.

The Department may establish additional eligibility criteria for farmers desiring to participate in the Pilot Program.

The Department is to submit a report of its findings and recommendations for the long-term application of microbial algae soil products to the State's agricultural sector, including any proposed legislation, to the Legislature no later than twenty days prior to the convening of the Regular Sessions of 2026 and 2027.

In December 2025, Chairperson Sharon Hurd of the Department and Dr. Parwinder Grewal, Dean of CTAHR and their respective staff met to determine what would be necessary to achieve the outcomes requested in SCR88. The Department and CTAHR

agreed that undertaking the Pilot Program would require the establishment of baseline data on each participating farm's existing soil conditions and the means to measure the characteristics that would indicate improved soil health and crop productivity. Also necessary would be a dedicated group of professionals to establish and administer the two-year Pilot Program.

Further, farmer participants will require a sufficient supply of microbial algae product. More specifically, the costs of acquiring a sufficient quantity and quality of microbial algae soil product, its application, and monitoring of results by the qualified agricultural operators during the two-year Pilot Program needs to be addressed, along with the costs to establish the aforementioned baseline data for each farm's existing soil conditions.

FINDINGS, RECOMMENDATIONS AND PROPOSED LEGISLATION

Both the Department and CTAHR question whether the true utility of applying microbial algae soil products to Hawaii farmlands can be determined without sufficient resources to undertake the activities we envision as necessary to do a proper evaluation of efficacy. Most importantly, if the application of microbial algae soil products does not result in increasing crop yields and income from sales in excess of the cost of purchasing and applying microbial soil products to the satisfaction of agricultural operators, then the utility of what is proposed in Senate Concurrent Resolution No. 88 would be substantially compromised.

Both the Department and CTAHR recommend that a bill be introduced to the 2026 State Legislature that appropriates funding in amounts sufficient to undertake the activities envisioned as necessary to do a proper evaluation of efficacy of the proposed two-year Microbial Algae Soil Products Pilot Program.



DAB Budget Testimony

Senate Committees WAM/AEN

January 9, 2026

Sharon Hurd, Chairperson, Board of Agriculture & Biosecurity
Dean Matsukawa, Deputy Director

DAB 2025 Major Highlights

- Act 90 transfers
- Act 69 Ag Loan Refresh
- Biosecurity Dashboard
- Akamai Arrivals
- Pesticide Disposal Program
- Development of Biosecurity Plan



Challenges for Agriculture

- Trends for 2026

- Federal Government Cuts-USDA
- Tariffs
- Inflation
- Labor
- Climate Change
- Global Pressures/Competition
- Economic Slowdown
- Decline in Number of Farms 7,328 in 2017 to 6,569 by 2022.
- Large majority of farms are small with 87% having less than \$50,000 in sales.

For the state to double local food production, achieve 30/30 and 50/50 more support must be provided to Hawaii's agricultural industry

DAB 2026 Plan

- **Nourish Hawaii-Increase support for farmers and ranchers.**

One stop shop for farmers and ranchers, greater synergy between functions with clearer lines of responsibilities.

- **Integrate Development functions into one division with three branches:**
 - Financial Assistance**
 - Marketing**
 - Research, Statistics and Analysis**
- **Financial Assistance will be comprised of Ag. Loans and Grants**
- **Marketing with a renewed focus on local marketing of Hawaii's agriculture and protein sources**
- **Restructuring of Statistics, Increased research to inform the industry of new technologies, markets, feasibility studies**
- **Aquaculture Industry Survey**

DAB 2026 Plan

- **BIOSECURITY**

Every farm and ranch has an invasive plant or pest

- Complete Invasive Species Plans (LFA and Coqui)
- Fill existing vacancies
- Complete Branch Re-organizations for new positions
- Ensure biosecurity contracts are executed.
- Conduct risk assessments to determine likely pathways and assess new carriers for potential risks.
- Maui Transitional Inspection Facility
- Public Education

Biosecurity helps agriculture by reducing damage, preventing spread of diseases and eases restrictions for exports.

FY2027 CAPITAL IMPROVEMENT PROJECTS

Project Title	MOF	
Royal Kunia Agricultural Park	C	\$15,000,000
Wahiawa Dam	C	\$15,000,000
Waimea Irrigation System Improvements	C	\$1,150,000
Animal Quarantine Station Repairs and Improvement	C	\$4,000,000
Kahuku Agricultural Park, Misc Oahu Improvements	C	\$1,775,000
Non-Agricultural and Agricultural Park Statewide Improvements	C	\$1,300,000



MAHALO

- **Administrative Services Officer, Claire Orodio**
- **Agricultural Loan Administrator, Andrew Robinson**
- **Agricultural Resource Management Administrator, Brian Kau P.E.**
- **Animal Industry Administrator, Issac Maeda DVM**
- **Quality Assurance Administrator, Leo Obaldo Ph.D**