

DAVID Y. IGE  
Governor

JOSH GREEN  
Lt. Governor



PHYLLIS SHIMABUKURO-GEISER  
Chairperson, Board of Agriculture

MORRIS M. ATTA  
Deputy to the Chairperson

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

TESTIMONY OF PHYLLIS SHIMABUKURO-GEISER  
CHAIRPERSON, BOARD OF AGRICULTURE

BEFORE THE SENATE COMMITTEES ON WAYS AND MEANS AND AGRICULTURE  
AND ENVIRONMENT  
THURSDAY, JANUARY 16, 2020  
9:30 A.M.

DEPARTMENT OF AGRICULTURE  
FISCAL BIENNIUM 2019-2021 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 and renewable energy production.

**Overview**

The Department of Agriculture has many varied responsibilities including establishing and maintaining irrigation systems, managing agricultural lands, marketing and business development, preventing the entry of invasive species into the state, pest and disease control and eradication, maintaining healthy livestock industries, rabies prevention, and food safety and quality assurance programs.

The Department is continuing to move forward as an advocate for all agriculture; using available resources to aid the agriculture and aquaculture industries in becoming an integral part of the State's economy and moving towards the vision of an integrated 21<sup>st</sup> century agricultural economy supported by all agencies of state government.

Recent significant accomplishments of various programs include:

Land/Water

- The Agricultural Resource Management Division (ARMD) continues to maintain irrigation systems and deliver agricultural water to farmers on Oahu, Molokai, and Hawaii. After storm events in 2019, our irrigation system crew from the different



islands worked tenaciously to keep water flow disruption at a minimum. Crews from the Waimea and Honokaa-Paauilo (also known as Lower Hamakua Ditch) Irrigation Systems, along with several volunteers, combined forces to clear sediment and debris from isolated intakes in Waipio Valley. The Molokai Irrigation System crew also worked to clear intakes and other components of the in remote reaches of Waikolu Valley on Molokai. Finally, the Waimanalo Irrigation system crew also worked to clear landslides in the Maunawili Valley area to restore water flow in the system. The ongoing efforts by ARMD crews allowed these irrigation systems to function and minimize the disruption of water service to farmers in affected areas.

- ARMD continues to work with the Department of Land and Natural Resources and the Agricultural Industry to facilitate the set aside and transfer of additional agricultural lands from DLNR to DOA. Act 90, session Laws of Hawaii (“SLH”) 2003, established the Non-Agricultural Park Lands program codified as Chapter 166E, Hawaii Revised Statutes, under which certain public lands classified for agricultural use would be transferred to HDOA for management purposes. DLNR and HDOA staff meet monthly to review various agricultural land parcels for possible transfer. Additionally, ARMD property managers perform due diligence activities by reviewing DLNR lease files for compliance issues and performing site inspections. For the vacant parcels proposed for transfer, ARMD performs site inspections to assess agricultural feasibility of the parcels.
- In conjunction with the Department of Hawaiian Homelands (DHHL), the ARMD oversaw the design and construction of the first phase of Waimea Community Homestead Agricultural Park, located in Kamuela, Hawaii. ARMD provided support with the construction of roads, irrigation water storage tanks, and pipelines for the initial development of the park. DHHL and the Waimea Nui Association, are the recipients of these efforts. This park is anticipated to provide farming opportunities at up to 170 lots, each measuring approximately 5,000-square feet.
- Currently there are over 1,000 acres in production in the Galbraith area and farmer selection is continuing for vacant lands. To be considered for land, farmers are required to submit an approved conservation plan and to meet current food safety and good agriculture practices criteria. Efforts are continuing to address criminal activity on vacant lands including security gates, fencing, land clearing, and abandoned vehicle and trash removal.
- The Agribusiness Development Corporation initiated plans and design for a deep well for the Waiahole Water System to provide a back-up water source should the ditch system become inoperable. Other improvements to the ditch system will be performed to increase efficiency.

## Farmers

- At the 2019 Hawaii Ag Conference, HDOA presented the core of the Department of Agriculture's Strategic Plan, which consists of about 19 priority actions, developed by the Department's six divisions and the Agribusiness Development Corporation. The priority actions are currently being implemented or will be implemented by 2020 or 2025. We briefly described these priority actions along with a few new initiatives to address complex and multidisciplinary issues. The department intends to schedule statewide stakeholder community informational meetings in 2020 to gather input from Hawaii's farmers, ranchers and growers to provide their perspective in the future of Hawaii's food system.
- HDOA provided low interest financing to help revitalize the local pork industry and secured legislative appropriations to increase harvesting capacity for the local livestock industry directly supporting the doubling of local meat production for local consumption.
- In the 2019 calendar year the Agricultural Loan Division provided 14 agricultural loans totaling \$2,659,000. Among the loans disbursed were a new farmer loan to expand a coffee operation in Kau, and fund to expand a successful Kona coffee operation by purchasing an adjacent neglected coffee farm. A total of \$575,000 in emergency loans were disbursed to help operations recover from flood and lava damage.
- The Agricultural Resource Management Division issued five (5) new long-term general leases for vacant agricultural lands at its Waianae and Waimanalo Agricultural Parks totaling approximately forty acres. The character of use is for Diversified Agriculture and the farmers' Plans of Utilization and Development include production of crops including sweet potato, sweet and Thai basil, citrus trees, mango trees, various vegetables, aquaponics and ornamental nursery plants.
- To support farmers in complying with the federal Food Safety Modernization Act (FSMA), the ARMD conducted a Master Plan/Feasibility Study to evaluate the Kamuela Vacuum Cooling Plant. The study identified recommended improvements for FSMA compliance, as well as options for best future uses of the site. The ARMD is currently pursuing design efforts to demolish an unused warehouse suspected of lead and asbestos contamination, and to upgrade the existing vacuum cooling building for compliance with FSMA requirements.

## Invasive Species/Environment

- The Plant Quarantine Branch maintained an average of over 96% inspection rate of all aircraft, surface vessels, and associated cargo from Guam and other areas known to have BTS. No BTS have been intercepted. This function is ongoing.
- Worked with the California Department of Food and Agriculture (CDFA) to ensure that the Master Permit QC 650 is maintained so Hawaii nurseries can export compliant plant materials to California.
- 2019 Christmas Tree season resulted in 168 containers of Christmas trees imported. Due to an on-going compliance agreement that requires best management practices and phytosanitary certification with the Oregon and Washington State Agriculture Departments, only 4 containers required additional follow up upon arrival in Hawaii, resulting in a 98% compliance rate.
- PQSYSTEM17 electronic database development completed in October 2019 and is in alpha testing and will be rolled out to stakeholders in 2020. This system combines nine separate functions into an integrated system. The nine functions are as follows: (1) eManifest/Inspection Module, (2) Permitting/Application Program, (3) Import Inspections Program, (4) Pest Reporting/Pest Hotline Program, (5) Interisland Inspections Program, (6) Export Inspection and Certification Program, (7) Nursery Certification Program, (8) Investigation Module, and (9) Phytosanitary Certification Program. The system will result in a more efficient and timely use of staff to perform the functions. For example, the eManifest/Inspection function will generate advance notice of agricultural shipments, which in turn will allow for pre-arrival prioritization of inspections based on risk.
- The HDOA recently passed rules banning the import of Myrtaceae into the State. By passing this rule, the local nursery industry will benefit from import replacement opportunities with added safeguards in place to protect Hawaii's agricultural industry and native forests from harmful rust diseases known in Myrtaceae.
- HDOA continues to lead a multi-agency effort to control Coconut Rhinoceros Beetle populations on Oahu. The primary focus has shifted from Navy lands to the Waiawa area where HDOA is organizing a concerted effort with the primary landowners including Kamehameha Schools, the University of Hawaii and the City and County of Honolulu. \$1.43 million has been allocated to the University of Hawaii for this work which includes the creation of CRB detector dogs. The Response Program has found numerous small breeding sites in Waiawa and Iroquois Point.

- Coffee berry borer is one of the most significant pests of coffee known. HDOA has conducted foreign exploration for classical biocontrol of this pest. HDOA efforts have focused on a parasitic wasp, *Neoheterospilus coffeicola*. This biocontrol agent has never been successfully established in the laboratory, but field observations indicate this is a very effective natural enemy. Specimens have been collected and sent back to the lab. However, we have not resolved and optimized rearing techniques to facilitate establishment and begin host range testing. HDOA is seeking funding from USDA through the Plant Protection Act 7721 to assist in the biology, phenology and most important to secure the supply of ripe coffee cherries to facilitate biocontrol work on this target.
- The Pesticides Branch introduced a rule change (HAR Chapter 66), which was approved by the Board of Agriculture, making all forms of chlorpyrifos products State Restricted Used Pesticides (RUP). Prior to this time 9 of 21 chlorpyrifos products sold in the State were non-RUPs. By doing this tighter regulatory control was exerted over sales of chlorpyrifos products. The branch also Created 100 ft. Restricted Use Pesticide Buffer Zone maps that were provided at the Pesticides Branch website for use by applicators and others.
- Funded Year 2 for the Together We Farm pesticide training outreach through the West Oahu Soil and Water Conservation District. This program, while available to all farmers, has a strong emphasis of reaching farmers with Limited English Proficiency (LEP).
- Conducted annual bovine tuberculosis testing of all cattle herds on East End of Molokai. No reports of presence of bovine tuberculosis. Supports tuberculosis disease free status for Hawaii.
- Conducted surveillance testing for high impact disease agents that affect domestic animals by performing pathology examinations and collecting appropriate samples for laboratory testing. Controlled the spread of pseudorabies and swine brucellosis from infected feral swine to domestic swine herds through surveillance activities testing domestic swine herds. Depopulated farm for pseudorabies that was diagnosed through surveillance tests.

### Market Development

- DOA has been actively recruiting for the 2 Farm to State Coordinator positions through the civil service process. We anticipate those roles to serve as an important nexus between local producers and the state institutional meal programs. The coordinators gather partners and participates in collaborative discussions between and among Hawaii's agricultural communities, DOE, DOH, HHSC, PSD, SPO and other appropriate stakeholders to plan, develop, and implement an effective and sustainable program.

- In FY19, ADD created, planned, managed, and/or attended over 100 agricultural industry events including 20+ events where staff were presenters/moderators, 45+ events in support of commodity group activities, 20+ events in collaboration with other government and public sector agencies, 10+ industry trade shows and 10+ export related activities.
- Hawaii companies realized \$4.5 million in actual sales from the March 2019 FoodEx trade show in Japan.
- Represented the Department on the Hawaii Government Complete Count Committee (Census 2020) at monthly meetings and served on the Media Subcommittee.
- Rebuilding the Market Analysis and News Branch with the hiring of the Economist VII, Research Statisticians on Oahu and Hawaii Island. The branch is currently being revitalized in the department with a goal to collect agricultural data and metrics across the State to support local producers with market and business decisions.

### **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 and the Department of Interior- Bureau of Reclamation will continue to be fostered. Federal funding amounts vary from year to year but the core functions of the department are not dependent on federal funds.

### **Non-General Funds**

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

<https://budget.hawaii.gov/wp-content/uploads/2019/12/AGR.pdf>

### **Budget Request**

The Departmental budget process seeks to first utilize available resources to fund priority personnel and other departmental needs through trade-offs and transfers. Non-general funds are also considered when appropriate while ensuring that program revenues can sustain the additional obligations. When additional resources are required the Department is mindful of the economic condition of the State and keeps requests for additional resource at a minimum.

Major operating requests include five positions and funds to establish an industrial hemp programs and an increase in the expenditure ceiling of the Pesticides use revolving fund to utilize additional revenues from increased license fees to implement projects long needed projects such as a pesticide waste disposal program.

Capital improvements program requests include funds for the development of the Kunia Agricultural Park, and improvements to the Kahuku Agricultural Park and the Waimea Irrigation System.

Department of Agriculture  
Functions

Table 1

<u>Division</u>	<u>Description of Function</u>	<u>Activities</u>	<u>Prog ID(s)</u>	<u>Statutory Reference</u>
CHR/ Admin Services	Reviews and develops agricultural goals and objectives compatible with statewide expansion, improving self-sufficiency in food production and diversification of Hawaii's agricultural base to better serve the community and the industry. Provide department-wide administrative support.	Plan, direct, coordinate and manage activities of the department; Improve the provision of fiscal, personnel management, computer services, budget and management and property management services for the department.	AGR 192	Ch 226-7 HRS
Plant Industry	Prevents the introduction of plant pests and diseases, provides certification services to facilitate the export of certain plant materials, controls and eradicates insects and noxious weeds, and controls the distribution and usage of pesticides.	Inspection for alien species; surveillance and control of plant pests and plant pathogens; license and classify pesticide products; test competency of pesticide applicators; enforce pesticide requirements; conduct chemical analysis of samples	AGR 122, AGR 846	Ch 141-3,141-3.5, 141-3.6, 149A-152 HRS
ARM/ADC	Carries out programs to conserve, develop, and utilize the agricultural resources and infrastructure of the State; facilitates diversified farming and enforces and formulates and enforces laws, rules, and regulations to efficiently manage these resources.	Manage, operate and develop state agricultural land and irrigation systems; implement design and construction of capital improvement projects to improve access to agricultural lands and irrigation systems and to develop processing facilities to enhance marketability of commodities	AGR 141, AGR 161	Ch 166-168, 171 HRS
Ag Loan	Administers the agricultural and aquacultural loan programs	Provide agricultural and aquacultural loans to encourage such activities; assist farmers and aquaculturists in securing credit from private lenders; provide loans during emergencies or natural disasters; service and counsel existing and prospective borrowers	AGR 101	Ch 155 HRS
Agric Dev	Collects and disseminates statistical data on agricultural production, supports marketing and research on various agricultural commodities.	Facilitate export of agricultural products; assist agricultural and food manufacturing industries to maintain viability; conduct business feasibility analysis and research; develop market information and growth potentials for specific agricultural and food manufacturing industries; meet with individuals and industry groups to discuss implement, coordinate and improve State programs	AGR 171	Ch 141, 148
Quality Assurance	Establishes and enforces grade standards for agricultural commodities producers in the State in cooperation with the industry, and to achieve stability within various commodity sectors like milk, coffee, eggs, papaya; implement food safety certification program.	Administer and conduct fee for service inspection, certification and audits, label enforcement and licensing of dealers relating to agricultural commodities; review and adjust producer production quotas and price of milk; implement proces to certify that farms are food safe.	AGR 151	Ch 144-147, 157 HRS
Animal Disease Control	Administers the state animal health programs and aquaculture development program	Regulate animal importation; inspection and quarantine of dogs and cats; prevent the introduction of economically important livestock and poultry diseases and pests and agents with public health impact; maintain animal disease control programs with public health impact; maintain disease-free statuses of economically important livestock diseases under Federal-State Control and eradication programs; Emergency preparedness activities related to highly contagious livestock and poultry diseases or natural disasters; aquatic health management, aquaculture promotion and development	AGR 132, AGR 131, AGR 153	Ch 142-143 HRS, Ch 141-2.5 HRS



Department of Agriculture  
Functions

Table 1

<u>Division</u>	<u>Description of Function</u>	<u>Activities</u>	<u>Prog ID(s)</u>	<u>Statutory Reference</u>
Quality Assurance	Maintains official State primary measurement standards; ensures accuracy of commercial measuring devices	Inspect weight, volume and linear measuring devices; calibrate measurement standards; test fuel for octane content; inspect consumer packages for content; inspect consumer products for price verification; license weighmasters and service agencies	AGR 812	Ch 486 HRS

Department of Agriculture  
Department-Wide Totals

Table 2

Fiscal Year 2020					
Budget Acts Appropriation	Reductions	Additions	Emergency Appropriations	Total FY20	MOF
\$ 18,219,027.00	\$ (1,421,902.00)			\$ 16,797,125.00	A
\$ 19,993,252.00				\$ 19,993,252.00	B
\$ 1,007,003.00				\$ 1,007,003.00	N
\$ 1,790,103.00				\$ 1,790,103.00	P
\$ 812,962.00				\$ 812,962.00	T
\$ 212,095.00				\$ 212,095.00	U
\$ 14,064,117.00				\$ 14,064,117.00	W
\$ 56,098,559.00	\$ (1,421,902.00)	\$ -	\$ -	\$ 54,676,657.00	Total
Fiscal Year 2021					
Budget Acts Appropriation	Reductions	Additions		Total FY21	MOF
\$ 16,216,175.00		\$ 1,235,984.00		\$ 17,452,159.00	A
\$ 20,030,614.00		\$ 961,300.00		\$ 20,991,914.00	B
\$ 1,007,003.00				\$ 1,007,003.00	N
\$ 1,790,103.00		\$ 2,511,316.00		\$ 4,301,419.00	P
\$ 812,962.00				\$ 812,962.00	T
\$ 212,095.00				\$ 212,095.00	U
\$ 13,875,473.00	\$ (256,288.00)	\$ 1,113,400.00		\$ 14,732,585.00	W
\$ 53,944,425.00	\$ (256,288.00)	\$ 5,822,000.00	\$ -	\$ 59,510,137.00	Total

Department of Agriculture  
Program ID Totals

Table 3

Prog ID	Program Title	MOF	As budgeted (FY20)			As budgeted (FY21)			Governor's Submittal (FY20)				Governor's Submittal (FY21)			
			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	B	9.00		\$ 1,360,982	9.00		\$ 1,360,982	9.00		\$ 1,360,982	0	9.00		\$ 2,160,982	0.587811
	for Agriculture	W			\$ 5,500,000			\$ 5,500,000			\$ 5,500,000	0			\$ 5,500,000	0
AGR 122	Plant Pest and Disease Control	A	78.00		\$ 5,721,147	78.00		\$ 5,726,907	78.00		\$ 5,721,147	0	78.00		\$ 5,726,907	0
		B	46.00		\$ 8,784,690	46.00		\$ 8,796,810	46.00		\$ 8,784,690	0	46.00		\$ 8,796,810	0
		P		2.00	\$ 528,412		2.00	\$ 528,412		2.00	\$ 528,412	0		2.00	\$ 2,914,728	4.516014
		T			\$ 512,962			\$ 512,962			\$ 512,962	0			\$ 512,962	0
		U			\$ 212,095			\$ 212,095			\$ 212,095	0			\$ 212,095	0
		W			\$ 50,360			\$ 50,360			\$ 50,360	0			\$ 50,360	0
AGR 131	Rabies Quarantine	B	34.32	1.00	\$ 3,933,400	34.32	1.00	\$ 3,945,522	34.32	1.00	\$ 3,933,400	0	34.32	1.00	\$ 3,945,522	0
AGR 132	Animal Disease Control	A	22.68		\$ 1,613,389	22.68		\$ 1,614,083	22.68		\$ 1,613,389	0	22.68		\$ 1,614,083	0
		B	3.00		\$ 145,074	3.00		\$ 145,074	3.00		\$ 145,074	0	3.00		\$ 145,074	0
		P		3.00	\$ 438,438		3.00	\$ 438,438		3.00	\$ 438,438	0		3.00	\$ 438,438	0
AGR 141	Agricultural Resource	A	6.00		\$ 602,944	6.00		\$ 602,944	6.00		\$ 602,944	0	9.00		\$ 763,124	0.265663
	Management	B	23.50		\$ 2,780,761	23.50		\$ 2,792,881	23.50		\$ 2,780,761	0	23.50		\$ 2,842,881	0.017903
		W	7.50		\$ 1,281,904	7.50		\$ 1,284,743	7.50		\$ 1,281,904	0	4.50		\$ 1,028,455	-0.19949
AGR 151	Quality and Price Assurance	A	20.00		\$ 2,035,357	20.00		\$ 1,685,357	20.00		\$ 2,035,357	0	25.00		\$ 2,261,161	0.341651
		B	3.00		\$ 449,301	3.00		\$ 450,301	3.00		\$ 449,301	0	3.00		\$ 450,301	0
		P			\$ 138,624			\$ 138,624			\$ 138,624	0			\$ 138,624	0
		T			\$ 300,000			\$ 300,000			\$ 300,000	0			\$ 300,000	0
		W		10.00	\$ 599,020		10.00	\$ 601,859		10.00	\$ 599,020	0		10.00	\$ 601,859	0
AGR 153	Aquaculture Development	A	4.00		\$ 636,555	4.00		\$ 336,555	4.00		\$ 636,555	0	4.00		\$ 336,555	0
		B			\$ 125,000			\$ 125,000			\$ 125,000	0			\$ 125,000	0
AGR 161	Agribusiness Development	A	10.00	2.00	\$ 2,051,293	10.00	2.00	\$ 931,293	10.00	2.00	\$ 2,051,293	0	10.00	2.00	\$ 931,293	0
		B			\$ 501,000			\$ 501,000			\$ 501,000	0			\$ 501,000	0
		W		12.00	\$ 4,742,879		12.00	\$ 4,545,718		12.00	\$ 4,742,879	0		12.00	\$ 4,545,718	0
AGR 171	Agricultural Development	A	13.00		\$ 1,948,117	13.00		\$ 1,708,117	13.00		\$ 1,948,117	0	13.00		\$ 1,708,117	0
		B			\$ 420,000			\$ 420,000			\$ 420,000	0			\$ 420,000	0
		N			\$ 1,007,003			\$ 1,007,003			\$ 1,007,003	0			\$ 1,007,003	0
		P			\$ 220,000			\$ 220,000			\$ 220,000	0			\$ 345,000	0.568182
AGR 192	General Administration	A	28.00		\$ 2,349,986	28.00		\$ 2,349,986	28.00		\$ 2,349,986	0	28.00		\$ 2,849,986	0.212767
	for Agriculture	B	5.00		\$ 1,127,044	5.00		\$ 1,127,044	5.00		\$ 1,127,044	0	5.00		\$ 1,127,044	0

Department of Agriculture  
Program ID Totals

Table 3

AGR 812	Measurement Standards	A	6.00		\$ 396,217	6.00		\$ 396,911	6.00		\$ 396,217	0	6.00		\$ 396,911	0
		B	4.00		\$ 366,000	4.00		\$ 366,000	4.00		\$ 366,000	0	4.00		\$ 477,300	0.304098
AGR 846	Pesticides	A	14.00		\$ 864,022	14.00		\$ 864,022	14.00		\$ 864,022	0	14.00		\$ 864,022	0
		P	2.00	1.00	\$ 464,629	2.00	1.00	\$ 464,629	2.00	1.00	\$ 464,629	0	21.00		\$ 464,629	0
		W	11.00	2.00	\$ 1,889,954	11.00	2.00	\$ 1,892,793	11.00	2.00	\$ 1,889,954	0	11.00	2.00	\$ 3,006,193	0.588231
		A	201.68	2.00	\$ 18,219,027	201.68	2.00	\$ 16,216,175	201.68	2.00	\$ 18,219,027	0.00	209.68	2.00	\$ 17,452,159	0.820081
		B	127.82	1.00	\$ 19,993,252	127.82	1.00	\$ 20,030,614	127.82	2.00	\$ 19,993,252	0.00	127.82	1.00	\$ 20,991,914	0.909812
		N	0.00	0.00	\$ 1,007,003	0.00	0.00	\$ 1,007,003	0.00	2.00	\$ 1,007,003	0.00	-	-	\$ 1,007,003	0
		P	2.00	6.00	\$ 1,790,103	2.00	6.00	\$ 1,790,103	2.00	2.00	\$ 1,790,103	0.00	21.00	5.00	\$ 4,301,419	5.084196
		T	0.00	0.00	\$ 812,962	0.00	0.00	\$ 812,962	0.00	2.00	\$ 812,962	0.00	-	-	\$ 812,962	0.820081
		U	0.00	0.00	\$ 212,095	0.00	0.00	\$ 212,095	0.00	2.00	\$ 212,095	0.00	-	-	\$ 212,095	0
		W	18.50	24.00	\$ 14,064,117	18.50	24.00	\$ 13,875,473	18.50	2.00	\$ 14,064,117	0.00	15.50	24.00	\$ 14,732,585	0.388745
			<b>350.00</b>	<b>33.00</b>	<b>\$ 56,098,559</b>	<b>350.00</b>	<b>33.00</b>	<b>\$ 53,944,425</b>	<b>350.00</b>	<b>14.00</b>	<b>\$ 56,098,559</b>	<b>0.00</b>	<b>374.00</b>	<b>32.00</b>	<b>\$ 59,510,137</b>	<b>8.02</b>

Department of Agriculture  
Budget Decisions

Table 4

Prog ID	Sub-Org	Description of Request	MOF	Initial Department Requests						Budget and Finance Recommendations						Governor's Decision					
				FY20			FY21			FY20			FY21			FY20			FY21		
				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 101	GA	Establish Ceiling for Hawaii Water Infrastructure Special Fund	B						800,000						800,000						800,000
AGR 122	EC	Ceiling increase for Coconut Rhinoceros Beetle and other pest programs	P						2,386,316						2,386,316						2,386,316
AGR 141	HA	Transfer out positions from Irrigation Systems revolving fund	W					(3.00)	(256,288)					(1.00)	(90,093)						(256,288)
AGR 141	HA	Transfer in positions from Irrigation Systems revolving fund	A					3.00	160,180					1.00	56,308						160,180
AGR 141	HA	Funds for Litigation Settlement	A						1,600,000						0						0
AGR 141	HA	Increase Agricultural Park special fund ceiling for real property appraisals	B						50,000						0						0
AGR 141	HA	Increase Non-Agricultural Park special fund ceiling for real property appraisals	B						50,000						50,000						50,000
AGR 151	BB	Establish Positions and funds for Industrial Hemp Program	A					5.00	375,804					0.00	0					5.00	375,804
AGR 151	BF	General Fund Supplement for Milk Control Special Fund (MCSF)	A						200,000						0						200,000
AGR 171	BD	Surveys for local food groups	A						200,000						0						0
AGR 171	BA	Ceiling increase for Grant Programs	P						125,000						125,000						125,000
AGR 192	AA	Funds for tar removal and repaving at the Halawa Animal Industry Facility	A						0						500,000						500,000
AGR 812	CA	Motor Vehicles for Measurement Standards Program (MSP)	B						111,300						111,300						111,300
AGR 846	EE	Increase Ceiling for Pesticides Use Revolving Fund	W						\$ 1,113,400						1113400						1,113,400

Department of Agriculture  
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>FY20</u>			<u>FY21</u>			<u>FY19 Restriction (Y/N)</u>
					<u>Pos (P)</u>	<u>Pos (T)</u>	<u>\$\$\$\$</u>	<u>Pos (P)</u>	<u>Pos (T)</u>	<u>\$\$\$\$</u>	
		NONE									

Department of Agriculture  
Proposed Budget Additions

Table 6

Prog ID	Sub-Org	Addition Type	Prog ID Priority	Dept-Wide Priority	Description of Addition	Justification	MOF	FY20			FY21		
								Pos (P)	Pos (T)	\$\$\$	Pos (P)	Pos (T)	\$\$\$
AGR 101	GA	NG	1	4	Establish ceiling for Hawaii Water Infrastructure Special Fund	A permanent expenditure ceiling is requested to allow for further funding of loans, account for loan and interest repayments and to cover operating expenses from the fund and to allow it to function as intended.	B	0.00	0.00	0	0.00	0.00	800,000
AGR 122	EC	FF	1	9	Increase ceiling for Coconut Rhinoceros Beetle and other pest programs	Additional funding is being sought from USDA to enhance programs for the control of Coconut Rhinoceros beetle and to support programs for the control of coffee berry borer and Mediterranean fruit fly.	P	0.00	0.00	0	0.00	0.00	2,836,316
AGR 141	HA	AR	1	3	Transfer positions from Irrigation Systems Revolving Fund	As irrigation system operation and maintenance costs increase, the water delivery fees and acreage assessments will need to increase to sustain the revolving fund. Transferring these positions will relieve the financial burden of the rising costs from the irrigation system's customers.	A	0.00	0.00	0	3.00	0.00	160,180
AGR 141	HA	NG	2	6	Increase ceiling of Non-Agricultural Park Special Fund for real property appraisals	Real property appraisal costs are required to perform regular property appraisals to develop lease rents.	B	0.00	0.00	0	0.00	0.00	50,000
AGR 151	BB	AR	1	2	Establish positions and funds for Industrial Hemp Program	Public and political desire to grow hemp at a commercial level in the state of Hawaii is high, and existing positions and personnel are not sufficient to facilitate or manage the rapid expansion of hemp growth from research pilot program to commercial production, particularly given the unique and complex regulatory needs of the crop	A	0.00	0.00	0	5.00	0.00	375,804
AGR 151	BF	AR	2	5	General Fund supplement for Milk Control Special Fund	Requested funds will temporarily fund the Milk Control Program Specialist position and an impact study to assess the affects of repealing the Milk Control Act and/or identify alternative actions that will support the dairy industry in the State.	A	0.00	0.00	0	0.00	0.00	200,000
AGR 171	BA	FF	1	10	Increase ceiling for federal grants	The formula to determine the amount of funding to be awarded is under review by Congress and could result in Hawaii's allocation under the Specialty Crop Block Grant Program to increase.	P	0.00	0.00	0	0.00	0.00	125,000

Department of Agriculture  
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 192	AA	AR	1	8	Funds for tar removal and repaving at the Halawa Animal Industry Facility	Tar from an unknown source has been surfacing from the ground into the facility's parking lot and surrounding area. The tar has spread since it was first discovered in 2006 and there are fears that it could soon seep into a nearby stream. Funds will be used to determine the source of the tar, remove it, and repair the affected area which may involve repaving portions of the parking lot.	A	0.00	0.00	0	0.00	0.00	500,000
AGR 812	CA	NG	1	7	Motor vehicles for Measurement Standards Program	The requested vehicle will be used for site visits and field work at commercial businesses and to perform routine inspection, testing for accuracy, and licensing of the more commonly used measuring instruments, such as scales, petroleum meters and taximeters, and enforcement of the State's measurement standards and laws.	B	0.00	0.00	0	0.00	0.00	111,300
AGR 846	EE	NG	1	1	Increase ceiling for Pesticides Use Revolving Fund	The increase in revenue from increased licensing fees (from \$330 per product to \$930 per product) has provided the Pesticides Branch with funding to support long considered projects for the regulated community. The biggest project will be establishing a permanent pesticide disposal program for agriculture. Additional projects include funding for a pesticide drift monitoring study, support for the Keiki Injury Prevention Coalition, Pollinator Protection Plan, and Pesticide Surface Water Monitoring project for the long term.	W	0.00	0.00	0	0.00	0.00	1,113,400



Department of Agriculture  
 FB 2017 - 2020 Restrictions

Table 7

<u>Fiscal Year</u>	<u>Prog ID</u>	<u>Sub-Org</u>	<u>MOF</u>	<u>Budgeted by Dept</u>	<u>Restriction</u>	<u>Difference Between Budgeted &amp; Restricted</u>	<u>Percent Difference</u>	<u>Impact</u>
FY 20	AGR 122	EC	A	\$ 1,478,838	\$ 225,000	\$ 1,253,838	84.79%	Funds budgeted for queen bee program; no projects undertaken for FY 20
FY 20	AGR 151	BB	A	\$ 1,828,143	\$ 50,000	\$ 1,778,143	97.26%	Funds budgeted for food safety; reduced activity for FY 20
FY 20	AGR 153	CD	A	\$ 636,555	\$ 46,902	\$ 589,653	92.63%	Funds budgeted for Aquaculture revitalization; reduced scope of projects
FY 20	AGR 161	KA	A	\$ 2,051,293	\$ 600,000	\$ 1,451,293	70.75%	Funds budgeted for Community Outreach, Water Quality Monitoring, Floriculture and Ornamental Industry, reduced scope of projects
FY 20	AGR 171	BE	A	\$ 1,157,313	\$ 500,000	\$ 657,313	56.80%	Funds budgeted for agricultural innovations program; no projects undertaken for FY 20

Department of Agriculture  
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  
Expenditures Exceeding Appropriation Ceilings in FY19 and FY20

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  
 Intradepartmental Transfers in FY19 and FY20

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  
Vacancy Report as of November 30, 2019

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
101	GA	12/31/2014		23703	PROFESSIONAL TRAINEE (AG LOAN OFFICER)	N	SR 16	13	P	1.00	B	\$ 75,960	\$ 75,960	Y	N	N/A	N/A	31
122	EB	2/16/2012		118176	PEST CONTROL AID II	N	SR 09	3	P	1.00	B	\$ 34,020	\$ 27,756	Y	N	N/A	N/A	92
122	EB	1/1/2018	12/9/2019	43157	PLANT QUARANTINE INSPECTOR V (LAND VERTEBRATE)	N	SR24	13	P	1.00	A	\$ 59,616	86304	Y	N	N/A	Temp Assignment	10
122	EB	1/18/2019		120876	PLANT QUARANTINE INSPECTOR III	N	SR 20	13	P	1.00	A	\$ 55,092	\$ 55,092	Y	N	N/A	N/A	55
122	EB	5/1/2019		5974	PLANT QUARANTINE MANAGER	N	EM 05	35	P	1.00	A	\$ 106,836	\$ 106,836	Y	N	N/A	Temp Assignment	32
122	EB	8/26/2019		8685	PLANT QUARANTINE INSPECTOR IV	N	SR 22	13	P	1.00	A	\$ 78,420	\$ 78,420	Y	N	N/A	Temp Assignment	17
122	EB	9/19/2019		12115	PLANT QUARANTINE INSPECTOR III	N	SR 20	13	P	1.00	A	\$ 54,558	\$ 41,856	Y	N	N/A	N/A	59
122	EC	10/22/2013		118281	PEST CONTROL TECHNICIAN III	N	SR 11	3	P	1.00	P	\$ 34,020	\$ 30,036	Y	Y	2	N/A	44
122	EC	3/4/2014		118280	ENTOMOLOGIST IV	N	SR 22	13	P	1.00	P	\$ 50,172	\$ 49,308	Y	N	N/A	N/A	24
122	EC	12/5/2015		121237	ENTOMOLOGIST V	N	SR 24	13	P	1.00	A	\$ 64,436	\$ 73,032	Y	N	N/A	N/A	38
122	EC	12/31/2016		2862	ENTOMOLOGIST V	N	SR 24	13	P	1.00	A	\$ 59,616	\$ 67,188	Y	N	N/A	Temp Assignment	37
122	EC	8/1/2017		121584	ENTOMOLOGIST III	N	SR 20	13	P	1.00	A	\$ 57,168	\$ 49,800	Y	N	N/A	N/A	40
122	EC	10/14/2017		118851	ENTOMOLOGIST IV	N	SR 22	13	P	1.00	A	\$ 54,960	\$ 56,064	Y	N	N/A	N/A	22
122	EC	12/31/2018		25267	PEST CONTROL TECHNICIAN III	N	SR 11	3	P	1.00	A	\$ 46,476	\$ 45,900	Y	N	N/A	N/A	36
122	ED	4/24/2018		7018	NOXIOUS WEED SPCIALIST VI	N	SR 26	23	P	1.00	A	\$ 80,493	\$ 86,304	Y	N	N/A	N/A	48
122	ED	7/1/2018		24822	NOXIOUS WEED SPECIALIST IV	N	SR 22	13	P	1.00	A	\$ 72,324	\$ 73,776	Y	N	N/A	N/A	10
122	ED	6/1/2019	12/10/2019	121920	PEST CONTROL TECHNICIAN III (HILO)	N	SR11	3	P	1.00	A	\$ 34,020	34020	Y	Y	2	N/A	40
122	EF	11/28/2015		118178	PEST CONTROL TECHNICIAN III	N	SR 11	3	P	1.00	B	\$ 34,020	\$ 35,112	Y	N	N/A	N/A	47
122	EF	12/1/2016		118181	PEST CONTROL AID II	N	SR 09	3	P	1.00	B	\$ 34,020	\$ 31,236	Y	N	N/A	N/A	94
122	EF	4/11/2017		118173	PEST CONTROL TECHNICIAN III	N	SR 11	3	P	1.00	B	\$ 34,020	\$ 38,592	Y	N	N/A	N/A	93
122	EF	3/5/2018		19406	PLANT QUARANTINE INSPECTOR III	N	SR 20	13	P	1.00	B	\$ 48,948	\$ 40,932	Y	N	N/A	N/A	21
122	EF	5/30/2019		118142	PLANT QUARANTINE INSPECTOR III	N	SR 20	13	P	1.00	B	\$ 46,345	\$ 45,288	Y	N	N/A	N/A	26
122	EF	7/1/2019		123142	INFORMATION TECHNOLOGY SPECIALIST	N	SR 22	13	P	1.00	B	\$ 52,956	N/A	Y	N	N/A	N/A	35
122	EF	7/1/2019		90001A	ENTOMOLOGIST III	N	SR 20	13	P	1.00	B	\$ 48,948	N/A	Y	N	N/A	N/A	3
122	EF	7/1/2019		90002A	PLANT PATHOLOGIST	N	SR 22	13	P	1.00	B	\$ 52,956	N/A	Y	N	N/A	N/A	4
122	EF	7/1/2019		90003A	BOTANIST IV	N	SR 22	13	P	1.00	B	\$ 52,956	N/A	Y	N	N/A	N/A	5
131	DB	10/1/2013		17270	QUARANTINE ANIMAL CARETAKER II	N	BC 07	1	P	1.00	B	\$ 51,012	\$ 40,776	Y	N	N/A	N/A	57
131	DB	8/23/2015		23395	QUARANTINE ANIMAL CARETAKER II	N	BC 07	1	P	1.00	B	\$ 51,012	\$ 42,426	Y	N	N/A	N/A	56
131	DB	6/3/2019		46453	VETERINARY PROGRAM MANAGER I (DVM)	N	EM 05	35	P	1.00	B	\$ 100,632	\$ 100,632	Y	N	N/A	N/A	43
131	DB	7/1/2019		5237	QUARANTINE ANIMAL CARETAKER III	N	WS 07	1	P	1.00	B	\$ 54,516	\$ 53,556	Y	N	N/A	N/A	51
131	DB	7/6/2019		117058	LIVESTOCK INSPECTOR II	N	SR 13	3	P	1.00	B	\$ 43,008	\$ 34,020	Y	N	N/A	N/A	25
131	DB	11/16/2019	12/23/2019	42287	LIVESTOCK INSPECTOR II	N	SR11	3	P	1.00	B	\$ 36,732	36732	Y	N	N/A	N/A	71
131	DB			110131	QUARANTINE ANIMAL CARETAKER I	N	BC 05	1	T	0.25	B	\$ 11,787	\$19.62/hr	Y	Y	4	N/A	87
131	DB			110132	QUARANTINE ANIMAL CARETAKER I	N	BC 05	1	T	0.25	B	\$ 11,787	\$19.62/hr	Y	N	N/A	N/A	85
131	DB			110135	QUARANTINE ANIMAL CARETAKER I	N	BC 05	1	T	0.25	B	\$ 11,787	\$19.62/hr	Y	N	N/A	N/A	86

Department of Agriculture  
Vacancy Report as of November 30, 2019

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
131	DB			110136	QUARANTINE ANIMAL CARETAKER I	N	BC 05	1	T	0.25	B	\$ 11,787	\$19.62/hr	Y	N	N/A	N/A	88
132	DC	7/1/2013		14031A	LIVESTOCK INSPECTOR II	N	SR 13	3	P	1.00	B	\$ 32,424	N/A	Y	N	N/A	N/A	83
132	DC	7/1/2013		14032A	LIVESTOCK INSPECTOR II	N	SR 13	3	P	1.00	B	\$ 32,424	N/A	Y	N	N/A	N/A	84
132	DC	12/17/2018		2829	VETERINARY MEDICAL OFFICER II	N	SR 26	13	P	1.00	A	\$ 75,432	\$ 75,432	Y	N	N/A	N/A	14
132	DC	7/1/2019		90005A	LIVESTOCK INSPECTOR II	N	SR 13	3	P	1.00	A	\$ 36,876	N/A	Y	N	N/A	N/A	71
132	DD	7/1/2013		14030A	LIVESTOCK INSPECTOR II	N	SR 13	3	P	1.00	B	\$ 32,424	N/A	Y	N	N/A	N/A	82
132	DD	7/1/2019		119111	LIVESTOCK INSPECTOR II	N	SR 13	3	P	1.00	P	\$ 33,138	\$ 34,020	Y	N	N/A	N/A	49
132	DE	9/5/2012		118397	VETERINARY MEDICAL OFFICER II	N	SR 26	13	P	1.00	P	\$ 64,476	\$ 55,498	Y	N	N/A	N/A	45
141	HA	1/13/2018		122156	ENGINEER V	N	SR 26	13	P	1.00	A	\$ 57,168	\$ 56,064	Y	N	N/A	N/A	15
141	HA	5/9/2018	12/2/2019	12995	IRRIGATION SYSTEM SERVICE WORKER I (Hawaii)	N	BC05	1	P	1.00	W	\$ 47,148	43308	Y	N	N/A	N/A	43
141	HA	7/1/2018		121531	ENGINEERING TECHNICIAN V	N	SR 15	3	P	1.00	A	\$ 39,720	\$ 39,228	Y	Y	2	N/A	33
141	HA	7/1/2018		99011A	PLANNER V	N	SR 24	13	P	1.00	A	\$ 69,732	N/A	Y	N	N/A	N/A	42
141	HA	11/1/2018	12/2/2019	14857	IRRIGATION SYSTEM SERVICE WORKER I (Molokai)	N	BC05	1	P	1.00	W	\$ 47,064	44688	Y	Y	3	N/A	46
141	HA	12/31/2018		120357	PROPERTY MANAGER IV	N	SR 24	23	P	1.00	B	\$ 81,372	\$ 88,248	Y	N	N/A	N/A	20
141	HA	8/22/2019		122475	AGRICULTURAL LAND PROGRAM MANAGER	N	EM 05	35	P	1.00	B	\$ 124,140	\$ 124,140	Y	N	N/A	N/A	52
141	HA	9/3/2019		117894	IRRIGATION SYSTEM SERVICE WORKER II	N	BC 07	1	P	1.00	B	\$ 50,916	\$ 51,012	Y	N	N/A	N/A	53
141	HA	9/19/2019		18401	IRRIGATION SYSTEM SERVICE WORKER II	N	BC 07	1	P	1.00	W	\$ 50,916	\$ 51,012	Y	Y	4	N/A	54
141	HA	11/27/2019		47978	ENGINEER IV	N	SR 24	13	P	0.50	B	\$ 29,808	\$ 24,474	Y	N	N/A	N/A	15
141	HA	11/27/2019		47978	ENGINEER IV	N	SR 24	13	P	0.50	W	\$ 29,808	\$ 24,474	Y	N	N/A	N/A	16
151	BB	12/25/2005		102630	AGRICULTURAL COMMODITIES AID I	Y	SR NA	3	T	0.50	W	\$ 14,267	\$11.87/hr	Y	N	N/A	N/A	89
151	BB	3/31/2012		111632	AGRICULTURAL COMMODITIES AID I	Y	SR NA	3	T	1.00	W	\$ 35,340	\$ 24,752	Y	N	N/A	N/A	90
151	BB	7/2/2013		111626	AGRICULTURAL COMMODITIES AID I	Y	SR NA	3	T	1.00	W	\$ 27,744	\$ 27,747	Y	N	N/A	N/A	91
151	BB	4/23/2016		111628	AGRICULTURAL COMMODITIES AID I	Y	SR NA	3	T	1.00	W	\$ 35,340	\$12.38/hr	Y	N	N/A	N/A	80
151	BB	7/1/2017		98005A	AGRICULTURAL FOOD SAFETY CERT SPECIALIST	N	SR NA	13	P	1.00	A	\$ 61,824	N/A	Y	N	N/A	N/A	79
151	BB	9/11/2018	12/3/2019	122556	AGRICULTURAL COMMODITIES MARKETING SPECIALIST III	N	SR20	13	P	1.00	B	\$ 41,856	41856	Y	N	N/A	N/A	60
151	BB	11/2/2018		122308	AGRICULTURAL FOOD SAFETY PROGRAM MANAGER	N	SR NA	13	P	1.00	A	\$ 88,656	\$ 88,656	Y	N	N/A	N/A	58
151	BB	3/16/2019		122961	AGRICULTURAL COMMODITIES MARKETING SPECIALIST V	N	SR 24	13	P	1.00	B	\$ 66,708	N/A	Y	Y	3	N/A	41
151	BB	5/14/2019		44054	AGRICULTURAL COMMODITIES MARKETING SPECIALIST III	N	SR 20	13	P	1.00	A	\$ 47,870	\$ 47,088	Y	N	N/A	Temp Assignment	46
151	BB	6/29/2019		111627	AGRICULTURAL COMMODITIES AID I	Y	SR NA	3	T	1.00	W	\$ 35,340	\$12.38/hr	Y	N	N/A	N/A	81
151	BB	9/21/2019		122895	OFFICE ASSISTANT III	N	SR 08	3	P	1.00	A	\$ 34,260	\$ 23,892	Y	Y	1	N/A	60
151	BB	10/26/2019	12/10/2019	111633	AGRICULTURAL COMMODITIES AID I	Y	SRNA	3	T	1.00	W	\$ 35,340	35340	Y	N	N/A	N/A	68
151	BB	10/28/2019		10558	AGRICULTURAL COMMODITIES MARKETING SPECIALIST III	N	SR 20	13	P	1.00	A	\$ 55,092	\$ 55,092	Y	N	N/A	N/A	61

Department of Agriculture  
Vacancy Report as of November 30, 2019

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
153	CD	6/26/2019		38209	ECONOMIC DEVELOPMENT SPECIALIST IV	N	SR 22	13	P	1.00	A	\$ 57,324	\$ 64,476	Y	N	N/A	N/A	50
161	KA	6/1/2019		122978	ADC GENERAL ACCOUNTING CLERK	N	SR NA	3	T	1.00	A	\$ 34,692	N/A	Y	N	N/A	N/A	1
161	KA	6/1/2019		122979	ADC ASSET MANAGER	Y	SR NA	13	T	1.00	W	\$ 75,000	N/A	Y	N	N/A	N/A	2
161	KA	7/1/2019	1/21/2020	102629	ADC SECRETARY III	Y	SR NA	3	T	1.00	W	\$ 66,404	\$ 58,824	Y	N	N/A	N/A	6
161	KA	7/1/2019		90011A	ADC ASSISTANT TO EXECUTIVE DIRECTOR	N	SR NA	13	P	1.00	A	\$ 100,000	N/A	Y	N	N/A	N/A	72
161	KA	7/1/2019		90012A	ADC PLANNER VII	N	SR NA	13	P	1.00	A	\$ 75,000	N/A	Y	N	N/A	N/A	73
161	KA	7/1/2019		90013A	ADC ENGINEER VI	N	SR NA	13	P	1.00	A	\$ 75,000	N/A	Y	N	N/A	N/A	74
161	KA	7/1/2019		90014A	ADC SECRETARY II	N	SR NA	3	P	1.00	A	\$ 40,000	N/A	Y	N	N/A	N/A	70
161	KA	7/1/2019		90015A	ADC PROJECT MANAGER	N	SR NA	13	P	1.00	A	\$ 75,000	N/A	Y	N	N/A	N/A	75
161	KA	7/1/2019		90016A	ADC LAND AGENT V	N	SR NA	13	P	1.00	A	\$ 60,000	N/A	Y	N	N/A	N/A	7
161	KA	7/1/2019		90017A	ADC LAND AGENT V	N	SR NA	13	P	1.00	A	\$ 60,000	N/A	Y	N	N/A	N/A	8
161	KA	7/1/2019		90018A	ADC ECONOMIC DEVELOPMENT SPECIALIST VI	N	SR NA	13	P	1.00	A	\$ 65,000	N/A	Y	N	N/A	N/A	76
161	KA	7/1/2019		90019A	ADC FOOD AND AGRICULTURE SPECIALIST VI	N	SR NA	13	P	1.00	A	\$ 65,000	N/A	Y	N	N/A	N/A	77
161	KA	7/1/2019		90020A	ADC FOOD AND AGRICULTURE SPECIALIST VI	N	SR NA	13	P	1.00	A	\$ 65,000	N/A	Y	N	N/A	N/A	78
161	KA	8/26/2019	12/23/2019	107605	WATER SYSTEM WORKER	N	SRNA	1	T	1.00	B	\$ 37,176	43044	Y	N	N/A	N/A	56
171	BC	5/1/2015		13201	RESEARCH STATISTICIAN IV	N	SR 22	13	P	1.00	A	\$ 51,108	\$ 49,308	Y	N	N/A	N/A	23
171	BE	12/15/2018		10403	ECONOMIC DEVELOPMENT SPECIALIST IV	N	SR 22	13	P	1.00	A	\$ 67,044	\$ 64,476	Y	Y	6	N/A	11
192	AA	7/1/2018		99013A	PROGRAM SPECIALIST VI	N	SR NA	13	P	1.00	A	\$ 81,250	N/A	Y	N	N/A	N/A	13
192	AA	1/1/2019		120398	AGRICULTURAL WATER RESOURCES MANAGER	Y	SR NA	13	P	1.00	B	\$ 57,720	\$ 129,540	Y	N	N/A	N/A	34
192	AA	3/1/2019		42005	HUMAN RESOURCES SPECIALIST III	N	SR 20	13	P	1.00	A	\$ 47,100	\$ 47,100	Y	Y	4	N/A	39
192	AA	3/15/2019		122967	FARM TO STATE COORDINATOR	N	SR NA	13	P	1.00	A	\$ 81,250	N/A	Y	N	N/A	N/A	12
192	AA	7/1/2019	12/23/2019	123190	SPECIAL ASSISTANT	Y	SRNA	13	T	1.00	A	\$ 90,000	N/A	Y	N	N/A	N/A	37
192	AA	8/3/2019	12/16/2019	5987	ACCOUNT CLERK IV	N	SR11	3	P	1.00	A	\$ 36,732	36732	Y	N	N/A	N/A	47
192	AA	10/15/2019	12/9/2019	11574	HUMAN RESOURCES ASSISTANT V	N	SR13	63	P	1.00	A	\$ 51,134	50304	Y	N	N/A	N/A	67
812	CA	7/29/2017		122022	MEASUREMENT STANDARDS BRANCH MANAGER	N	EM 05	35	P	1.00	B	\$ 84,425	\$ 88,308	Y	N	N/A	N/A	27
812	CA	2/15/2019		122945	MEASUREMENT STANDARDS INSPECTOR V	N	SR 19	3	P	1.00	B	\$ 51,312	N/A	Y	N	N/A	N/A	28
812	CA	2/15/2019	1/13/2020	122946	MEASUREMENT STANDARDS INSPECTOR V	N	SR 19	3	P	1.00	B	\$ 51,312	N/A	Y	N	N/A	N/A	29
812	CA	2/15/2019		122947	MEASUREMENT STANDARDS INSPECTOR V	N	SR 19	3	P	1.00	B	\$ 51,312	N/A	Y	N	N/A	N/A	30
846	EE	7/1/2019		123036	ENVIRONMENTAL HEALTH SPECIALIST III	N	SR 20	13	P	1.00	W	\$ 48,948	N/A	Y	N	N/A	N/A	9
846	EE	9/7/2019		46438	CHEMIST III	N	SR 20	13	P	1.00	B	\$ 50,772	\$ 48,948	Y	N	N/A	N/A	18
846	EE	9/14/2019		121922	ENVIRONMENTAL HEALTH SPECIALIST III	N	SR 20	13	P	1.00	A	\$ 46,043	\$ 45,288	Y	N	N/A	N/A	19
846	EE	11/1/2019		122148	ENVIRONMENTAL HEALTH SPECIALIST III	N	SR 20	13	P	1.00	A	\$ 45,741	\$ 45,288	Y	N	N/A	N/A	62
846	EE	12/5/2019	12/18/2019	123189	ENVIRONMENTAL HEALTH SPECIALIST III	N	SR20	13	P	1.00	W	\$ 52,824	N/A	Y	N	N/A	N/A	60

Positions Established by Acts other than the State Budget as of November 30, 2019

<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>
----------------	----------------	-------------------------	------------------------	------------------------	-----------------------	---------------------	-----------------	----------------	------------	------------	------------	----------------------	---------------------	--------------------------------------

NONE



Department of Agriculture  
Overtime Expenditure Summary

Table 13

Prog ID	Sub-Org	Program Title	MOF	FY18 (actual)			FY19 (actual)			FY20 (estimated)			FY21 (budgeted)		
				Base Salary \$\$\$\$	Overtime \$\$\$\$	Overtime Percent	Base Salary \$\$\$\$	Overtime \$\$\$\$	Overtime Percent	Base Salary \$\$\$\$	Overtime \$\$\$\$	Overtime Percent	Base Salary \$\$\$\$	Overtime \$\$\$\$	Overtime Percent
AGR122	EB	Plant Quarantine	A	\$ 2,782,533	\$ 251,105	9.0%	\$ 2,633,463	\$ 213,144	8.1%	\$ 3,139,072	\$ 240,000	7.6%	\$ 2,999,762	\$ 194,743	6.5%
			B	\$ 2,174,408	\$ 230,945	10.6%	\$ 1,915,162	\$ 197,188	10.3%	\$ 2,141,429	\$ 200,000	9.3%	\$ 2,401,964	\$ 224,682	9.4%
AGR122	EC	Plant Pest Control- Bio	A	\$ 1,047,240	\$ 13,746	1.3%	\$ 675,819	\$ 2,801	0.4%	\$ 796,314	\$ 1,100	0.1%	\$ 1,055,256	\$ 3,311	0.3%
			P	\$ 38,147	\$ 5,848	15.3%	\$ 61,367	\$ 4,307	7.0%	\$ 16,000	\$ 3,200	20.0%	\$ 86,976	\$ 14,565	16.7%
AGR122	ED	Plant Pest Control- C/M	A	\$ 506,484	\$ 1,361	0.3%	\$ 349,435	\$ 346	0.1%	\$ 400,000	\$ 300	0.1%	\$ 537,129	\$ 14,583	2.7%
AGR131	DB	Animal Quarantine	B	\$ 1,700,603	\$ 109,402	6.4%	\$ 1,599,656	\$ 112,437	7.0%	\$ 1,504,000	\$ 73,000	4.9%	\$ 1,746,918	\$ 102,680	5.9%
AGR132	DC	Livestock Disease Control	A	\$ 841,812	\$ 28,535	3.4%	\$ 746,229	\$ 48,693	6.5%	\$ 722,000	\$ 49,000	6.8%	\$ 934,121	\$ -	0.0%
			P	\$ 46,956	\$ 2,932	6.2%	\$ 9,922	\$ 2,283	0.0%	\$ 20,000	\$ 4,000	20.0%	\$ 64,476	\$ -	0.0%
AGR141	HA	Agricultural Resource Mgt	A	\$ 346,854	\$ 168	0.0%	\$ 328,543	\$ 2,514	0.8%	\$ 345,000	\$ 200	0.1%	\$ 665,230	\$ -	0.0%
			B	\$ 1,295,250	\$ 916	0.1%	\$ 1,020,953	\$ 11,467	1.1%	\$ 1,130,000	\$ 12,000	1.1%	\$ 1,394,562	\$ 8,400	0.6%
			W	\$ 326,202	\$ 3,905	1.2%	\$ 230,893	\$ 60	0.0%	\$ 252,500	\$ 400	0.2%	\$ 207,312	\$ -	0.0%
AGR151	BB	Commodities	A	\$ 693,850	\$ 5,182	0.7%	\$ 680,229	\$ 6,577	1.0%	\$ 784,000	\$ 2,400	0.3%	\$ 1,289,916	\$ 40,000	3.1%
			W	\$ 274,489	\$ 2,119	0.8%	\$ 213,516	\$ 1,882	0.9%	\$ 177,400	\$ 1,500	0.8%	\$ 341,878	\$ 4,848	1.4%
AGR161	KC	Waiahole Water System	W	\$ 296,148	\$ 2,566	0.9%	\$ 240,265	\$ 3,640	1.5%	\$ 278,500	\$ 2,300	0.8%	\$ 318,820	\$ -	0.0%
AGR171	BA	Ag Development Admin	A	\$ 143,892	\$ 488	0.3%	\$ 161,333	\$ 3,670	2.3%	\$ 157,200	\$ -	0.0%	\$ 157,188	\$ -	0.0%
AGR192	AA	General Admin for Agric.	A	\$ 1,628,194	\$ 3,354	0.2%	\$ 1,669,364	\$ 16,886	1.0%	\$ 1,647,000	\$ 15,000	0.9%	\$ 2,054,428	\$ 11,116	0.5%
			B	\$ 276,552	\$ 1,344	0.5%	\$ 279,539	\$ -	0.0%	\$ 122,000	\$ -	0.0%	\$ 209,292	\$ -	0.0%
AGR812	CA	Measurement Standards	B	\$ 90,072	\$ 1,602	1.8%	\$ -	\$ -	0.0%	\$ 77,000	\$ -	0.0%	\$ 246,036	\$ -	0.0%
AGR846	EE	Pesticides	A	\$ 577,038	\$ 2,312	0.4%	\$ 756,556	\$ 2,726	0.4%	\$ 785,600	\$ 1,000	0.1%	\$ 780,632	\$ 3,118	0.4%
			P	\$ 138,370	\$ 1,102	0.8%	\$ 108,232	\$ 253	0.2%	\$ 140,000	\$ 1,000	0.7%	\$ 119,628	\$ 3,448	2.9%
			W	\$ 394,391	\$ 15,093	3.8%	\$ 538,239	\$ 23,358	4.3%	\$ 605,000	\$ 24,000	4.0%	\$ 691,524	\$ -	0.0%

Department of Agriculture  
Active Contracts as of December 1, 2019

Table 14

Prog ID	MOF	Amount	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					
AGR122	A	\$ 250,000	O	\$ 285,000	\$ 35,000	3/10/2017	3/10/2017	3/10/2020	USDA	RAPID OHIA DEATH RESEARCH	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 180,000	O	\$ 200,000	\$ 20,000	3/20/2013	3/20/2013	4/10/2018	USDA	MINI-PILOT SCALE PRODUCTION OF BIOFUEL AND ANIMAL FEED FROM HETEROTROPHIC ALGAE	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 188,955	O	\$ 200,000	\$ 11,045	9/4/2019	12/16/2014	12/15/2015	HAWAII CATTLEMEN	ESTABLISH LEADERSHIP FOR HAWAII'S LIVESTOCK INDUSTRY INCLUDING A COMPREHENSIVE LIVESTOCK FEED METHODOLOGY	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 68,000	O	\$ 80,000	\$ 12,000	6/20/2016	6/20/2016	12/31/2017	UNIVERSITY OF HAWAII	PEST MANAGEMENT PROGRAM FOR THE DIAMONDBACK MOTH	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 51,098	O	\$ 60,098	\$ 9,000	3/20/2013	9/1/2016	8/31/2018	UNIVERSITY OF HAWAII	THE ROLE OF INSECTS IN THE SPREAD OF RAPID OHIA DEATH	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 122,094	O	\$ 162,792	\$ 40,698	5/2/2017	5/15/2017	12/30/2019	UNIVERSITY OF HAWAII	NATIVE HAWAIIAN BARK BEETLE RESEARCH FOR COFFEE BERRY BORER BIO-CONTROL	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 79,500	O	\$ 99,000	\$ 19,500	6/6/2017	6/6/2017	6/5/2019	HAWAII ASIA PACIFIC ASSOCIATION	STRATEGIC AGRICULTURAL ALLIANCE BETWEEN HAWAII & NEW ZEALAND	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 95,000	O	\$ 120,000	\$ 25,000	2/28/2018	2/28/2018	2/27/2019	UNIVERSITY OF HAWAII	EVALUATING QUALITY OF LOCALLY PRODUCED ORGANIC FERTILIZERS & VARIETY SELECTION	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 80,000	O	\$ 100,000	\$ 20,000	6/4/2018	6/4/2018	6/3/2019	COUNTY OF KAUAI	KAUAI COUNTY KILAUEA COMMUNITY AGRICULTURAL CENTER	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 60,000	O	\$ 75,000	\$ 15,000	12/18/2018	12/18/2018	12/17/2019	UNIVERSITY OF HAWAII	GOFARM HAWAII PRGM 2018-2019	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 31,985	O	\$ 39,985	\$ 8,000	1/14/2019	1/14/2019	1/13/2020	UNIVERSITY OF HAWAII	MANAGEMENT OF COFFEE ROOT KNOT NEMATODE	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 275,902	O	\$ 344,902	\$ 69,000	1/28/2019	2/1/2019	1/31/2020	UNIVERSITY OF HAWAII	HAWAII ANT LAB STATEWIDE CORE FUNDING FY19	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 35,000	O	\$ 40,000	\$ 5,000	2/15/2019	2/15/2019	2/14/2020	UNIVERSITY OF HAWAII	CTAHR PAPAYA SEED PRODUCTION	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 59,935	O	\$ 99,935	\$ 40,000	3/12/2019	3/12/2019	3/11/2020	UNIVERSITY OF HAWAII	ENHANCING LOCAL PORK MKTG F/OAHU HOG PRODUCERS	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 91,470	O	\$ 121,470	\$ 30,000	3/14/2019	3/14/2019	3/13/2021	UNIVERSITY OF HAWAII	ORNAMENTAL GINGER:STATEWIDE QUARANTINE VIRUS SURVEY & CAUSAL AGENT IDENTIFICATION	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 93,154	O	\$ 113,154	\$ 20,000	3/20/2019	3/1/2019	3/31/2020	UNIVERSITY OF HAWAII	EARLY DETECTION & PREVENTION OF LITTLE FIRE ANTS ON OAHU	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 48,361	O	\$ 60,361	\$ 12,000	3/29/2019	3/1/2019	3/31/2020	UNIVERSITY OF HAWAII	EVALUATION OF HYDROGELS AS A BAITING TOOL F/THE CONTROL OF INVASIVE ANTS IN HAWAII	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 23,000	O	\$ 46,000	\$ 23,000	5/31/2019	5/31/2019	11/30/2020	UNIVERSITY OF HAWAII	CONDITIONING PARASITOIDS TO EXPLOIT COFFEE BERRY BORER	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S

Department of Agriculture  
Active Contracts as of December 1, 2019

Table 14

Prog ID	MOF	Amount	Frequency (M/A/O)	Max Value	Outstanding Balance	Date Executed	From	To	Entity	Contract Description	Explanation of How Contract is Monitored	POS Y/N	Category E/L/P/C/G/S/*
AGR122	B	\$ 19,500	O	\$ 49,500	\$ 30,000	6/3/2019	6/3/2019	6/2/2021	UNIVERSITY OF HAWAII	HAWAII INTEGRATED PEST MGMT PRGM F/DIAMONDBACK MOTH & OTHER LEPIDOPTERAN PESTS ON CRUCIFERS	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 78,882	O	\$ 157,764	\$ 78,882	5/31/2019	5/31/2019	11/30/2020	UNIVERSITY OF HAWAII	NATIVE HAWAIIAN BARK BEETLES	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 54,178	O	\$ 114,178	\$ 60,000	6/5/2019	6/5/2019	6/4/2021	UNIVERSITY OF HAWAII	IMPROVEMENT OF REPRODUCTIVE EFFICIENCY OF HAWAIIAN BEEF & DAIRY CATTLE	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 29,896	O	\$ 49,896	\$ 20,000	6/5/2019	6/5/2019	6/4/2020	COUNTY OF HAWAII	NORTH KOHALA COQUI FROG CONTROL 19	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 57,500	O	\$ 115,000	\$ 57,500	6/12/2019	6/12/2019	6/11/2020	UNIVERSITY OF HAWAII	INVASIVE PEST & PLANT MGMT PROJ ON THE ISLAND OF HAWAII 2019	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR122	B	\$ 166,543	O	\$ 333,086	\$ 166,543	10/1/2019	10/1/2019	10/1/2021	UNIVERSITY OF HAWAII	PROSAPIA BICINCTA(TWO LINED SPITTLE BUG)DETECTION & CONTROL IN HAWAII	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR131	B	\$ 39,010	O	\$ 120,958	\$ 81,949	3/30/2018	10/1/2016	6/29/2020	DATAHOUSE CONSULTING	REPLACEMENT OF THE ANIMAL QUARANTINE STATE COMPUTER INFORMATION SYSTEM	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR131	B	\$ 27,225	O	\$ 29,700	\$ 2,475	1/27/2017	1/27/2017	1/31/2020	O & M ENTERPRISE	MAINTENANCE SERVICES FOR THE ANIMAL QUARANTINE STATION WASTE WATER PRE-	PROGRESS REPORTS	Y	S
AGR131	B	\$ 34,900	O	\$ 39,046	\$ 4,146	3/15/2018	3/15/2018	3/31/2019	DATAHOUSE CONSULTING	AQS INFORMATION SYSTEM	PROGRESS REPORTS	Y	S
AGR131	B	\$ 39,089	O	\$ 43,193	\$ 4,103	02/29/2019	2/19/2019	3/31/2020	DATAHOUSE CONSULTING	AQS - AIS SYSTEM	PROGRESS REPORTS	Y	S
AGR141	A	\$ 105,515	O	\$ 109,963	\$ 4,448	9/15/2008	10/9/2008	TBD	HO, RONALD N. S.	DESIGN SVCS-SUPERVISORY CONTROL & DATA ACQUISITION(SCADA)FOR THE UPPER & LOWER HAMAKUA DITCH SYSTEM	REVIEW OF WORK	Y	S
AGR141	A	\$ -	O	\$ 109,963	\$ 109,963	9/15/2008	10/9/2008	TBD	HO, RONALD N. S.	DESIGN SVCS-SUPERVISORY CONTROL & DATA ACQUISITION(SCADA)FOR THE UPPER & LOWER HAMAKUA DITCH SYSTEM	REVIEW OF WORK	Y	S
AGR141	A	\$ -	O	\$ 16,333	\$ 16,333	9/15/2008	TBD	TBD	YOGI KWONG ENGINEERING	UPPER & LOWER HAMAKUA DITCH SYSTEMS - TUNNEL ENTRANCE STABILIZATION.	REVIEW OF WORK	Y	S
AGR141	A	\$ -	O	\$ 32,665	\$ 32,665	9/15/2008	TBD	TBD	YOGI KWONG ENGINEERING	UPPER & LOWER HAMAKUA DITCH SYSTEMS - TUNNEL ENTRANCE STABILIZATION.	REVIEW OF WORK	Y	S
AGR141	A	\$ 1,556,326	O	\$ 1,581,134	\$ 24,808	3/9/2009	7/6/2009	TBD	JENNINGS PACIFIC	E KAUAI IRRIGATION SYSTEM- MISCELLANEOUS IMPR. JOB#DOAK02KAPAA, KAUAI	INSPECTION OF WORK	Y	S
AGR141	B	\$ 61,918	O	\$ 250,000	\$ 188,082	8/28/2017	9/18/2017	Pending Construction	YOGI KWONG ENGIN	JOB NO DOAO-13 - WAIMANALO RESERVOIR MISCELLANEOUS IMPROVEMENTS	REVIEW OF WORK	Y	S

Department of Agriculture  
Active Contracts as of December 1, 2019

Table 14

Prog ID	MOF	Amount	Frequency (M/A/O)	Max Value	Outstanding Balance	Date Executed	From	To	Entity	Contract Description	Explanation of How Contract is Monitored	POS Y/N	Category E/L/P/C/G/S/*
AGR141	B	\$ -	O	\$ 850	\$ 850	11/9/2017	4/4/2017	7/3/2018	ACM CONSULTANTS,	APPRAISAL SERVICES	REVIEW OF WORK	Y	S
AGR141	B	\$ -	O	\$ 8,500	\$ 8,500	11/9/2017	4/4/2017	7/3/2018	ACM CONSULTANTS,	APPRAISAL SERVICES	REVIEW OF WORK	Y	S
AGR141	B	\$ -	O	\$ 2,000	\$ 2,000	11/9/2017	4/4/2017	7/3/2018	ACM CONSULTANTS,	APPRAISAL SERVICES	REVIEW OF WORK	Y	S
AGR141	B	\$ -	O	\$ 13,000	\$ 13,000	7/2/2018	4/4/2017	8/27/2019	ACM CONSULTANTS,	APPRAISAL SERVICES	REVIEW OF WORK	Y	S
AGR141	B	\$ -	O	\$ 13,000	\$ 13,000	7/2/2018	4/4/2017	8/27/2019	ACM CONSULTANTS,	APPRAISAL SERVICES	REVIEW OF WORK	Y	S
AGR141	B	\$ -	O	\$ 6,500	\$ 6,500	7/2/2018	4/4/2017	8/27/2019	ACM CONSULTANTS,	APPRAISAL SERVICES	REVIEW OF WORK	Y	S
AGR141	B	\$ -	O	\$ 6,500	\$ 6,500	7/2/2018	4/4/2017	8/27/2019	ACM CONSULTANTS,	APPRAISAL SERVICES	REVIEW OF WORK	Y	S
AGR141	B	\$ -	O	\$ 9,500	\$ 9,500	7/2/2018	4/4/2017	8/27/2019	ACM CONSULTANTS,	APPRAISAL SERVICES	REVIEW OF WORK	Y	S
AGR141	B	\$ -	O	\$ 1,500	\$ 1,500	7/2/2018	4/4/2017	8/27/2019	ACM CONSULTANTS,	APPRAISAL SERVICES	REVIEW OF WORK	Y	S
AGR141	B	\$ 17,494	O	\$ 28,700	\$ 11,206	6/7/2018	7/23/2018	Pending Construction	HIARCH, LLC	WAIMANALO IRRIGATION SYSTEM & KAHUKU AGRICULTURAL PARK IMPROVEMENTS	INSPECTION OF WORK	Y	S
AGR141	B	\$ -	O	\$ 12,300	\$ 12,300	6/7/2018	7/23/2018	Pending Construction	HIARCH, LLC	WAIMANALO IRRIGATION SYSTEM & KAHUKU AGRICULTURAL PARK IMPROVEMENTS	INSPECTION OF WORK	Y	S
AGR141	B	\$ -	O	\$ 41,300	\$ 41,300	6/7/2018	7/23/2018	Pending Construction	HIARCH, LLC	WAIMANALO IRRIGATION SYSTEM & KAHUKU AGRICULTURAL PARK IMPROVEMENTS	INSPECTION OF WORK	Y	S
AGR141	B	\$ -	O	\$ 17,700	\$ 17,700	6/7/2018	7/23/2018	Pending Construction	HIARCH, LLC	WAIMANALO IRRIGATION SYSTEM & KAHUKU AGRICULTURAL PARK IMPROVEMENTS	INSPECTION OF WORK	Y	S
AGR141	N	\$ -	O	\$ 427,750	\$ 427,750	6/17/2015	TBD	360 days from NTP	YAMADA PAINT CONTRACTIING	JOB#DOAH06A, LOWER HAMAKUA DITCH FLOOD PROOFING PROJECT, MAIN WEIR TO FLUME 16	INSPECTION OF WORK	Y	S
AGR141	N	\$ -	O	\$ 819,000	\$ 819,000	6/17/2015	TBD	360 days from NTP	YAMADA PAINT CONTRACTIING	JOB#DOAH06A, LOWER HAMAKUA DITCH FLOOD PROOFING PROJECT, MAIN WEIR TO FLUME 16	INSPECTION OF WORK	Y	S
AGR141	W	\$ 25,623	O	\$ 30,000	\$ 4,377	7/17/2014	8/24/2015	1/19/2016	CM CONSTRUCTION,	JOB#DOAO-08 DOA RENOVATED2ND FL BUILDING B	INSPECTION OF WORK	Y	S
AGR141	W	\$ -	O	\$ 30,000	\$ 30,000	7/17/2014	8/24/2015	1/19/2016	CM CONSTRUCTION,	JOB#DOAO-08 DOA RENOVATED2ND FL BUILDING B	INSPECTION OF WORK	Y	S
AGR141	W	\$ 95,974	O	\$ 146,970	\$ 50,996	9/20/2016	11/20/2018	12/2/2019	PACIFIC ELECTRO	JOB NO DOAMIS-02A, MOLOKAI IRRIGATION SYSTEM, MAINTENANCE OF MECHANICAL AND ELECTRICAL EQUIPMENT	INSPECTION OF WORK	Y	S

Department of Agriculture  
Active Contracts as of December 1, 2019

Table 14

Prog ID	MOF	Amount	Frequency (M/A/O)	Max Value	Outstanding Balance	Date Executed	From	To	Entity	Contract Description	Explanation of How Contract is Monitored	POS Y/N	Category E/L/P/C/G/S/*
AGR141	W	\$ -	O	\$ 35,000	\$ 35,000	6/7/2018	7/23/2018	Pending Construction	HIARCH, LLC	WAIMANALO IRRIGATION SYSTEM & KAHUKU AGRICULTURAL PARK IMPROVEMENTS	INSPECTION OF WORK	Y	S
AGR141	W	\$ -	O	\$ 17,257	\$ 17,257	6/7/2018	7/23/2018	Pending Construction	HIARCH, LLC	WAIMANALO IRRIGATION SYSTEM & KAHUKU AGRICULTURAL PARK IMPROVEMENTS	INSPECTION OF WORK	Y	S
AGR141	W	\$ -	O	\$ 99,000	\$ 99,000	8/13/2019	8/13/2019	8/12/2021	LIMTIACO CONSULT	CONSTRUCTION MANAGEMENT & RELATED STAFF SERVICES, STATEWIDE	REVIEW OF WORK	Y	S
AGR141	W	\$ -	O	\$ 95,768	\$ 95,768	12/10/2019	1/2/2020	1/1/2022	PACIFIC ELECTRO	JOB #DOAO-10.2, MAINTENANCE OF MECHANICAL & ELECTRICAL EQUIPMENT, PHASE 2, KAHUKU AGRICULTURAL PARK	INSPECTION OF WORK	Y	S
AGR151	A	\$ 290,938	O	\$ 332,500	\$ 41,563	12/26/2017	12/26/2017	8/31/2019	HAWAII FARM BUREAU	SOLICIT PROPOSALS FOR RESEARCH PROJECTS TO ESTABLISH FOOD SAFETY PROCEDURES FOR HAWAII FARMERS	PROGRESS MEETINGS	Y	S
AGR151	A	\$ 200,000	O	\$ 400,000	\$ 200,000	7/1/2016	7/1/2016	3/31/2020	HAWAII FARM BUREAU	SOLICIT PROPOSALS FOR RESEARCH PROJECTS TO ESTABLISH FOOD SAFETY PROCEDURES FOR HAWAII FARMERS	PROGRESS MEETINGS	Y	S
AGR151	A	\$ 60,000	O	\$ 75,000	\$ 15,000	7/24/174	7/24/2017	7/23/2018	HIH SOLUTIONS, L	HI INDUSTRIAL HEMP SEED DEVELOPMENT PROGRAM	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR151	A	\$ 61,298	O	\$ 81,730	\$ 20,433	7/1/2018	12/31/2018	12/31/2019	UNIVERSITY OF HAWAII	HAWAII EGG QUALITY ASSURANCE EDUCATION & IMPLEMENTATION PRGRM PHASE II	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR151	A	\$ 25,000	O	\$ 50,000	\$ 25,000	8/1/2017	8/7/2017	3/7/2019	UNIVERSITY OF ARKANSAS	DEVELOP SCHEMATICS F/AGRICULTURAL BASE-YARD CONFIGURATIONS TO SUPPORT COMPLIANCE	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR151	A	\$ 21,951	O	\$ 26,767	\$ 4,817	5/17/2019	5/17/2019	1/31/2020	UNIVERSITY OF HAWAII	DEVELOP EDUCATIONAL MATERIALS, ONE MOBILE FOOD SAFETY TRAINING CENTER & CONDUCT FOOD SAFETY GROWER TRAININGS	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR151	B	\$ 44,000	O	\$ 50,000	\$ 6,000	5/1/2016	5/1/2016	10/31/2017	UNIVERSITY OF HAWAII	HAWAII EGG QUALITY ASSURANCE PROGRAM PRODUCER EDUCATION & IMPLEMENTATION	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR151	B	\$ 68,919	O	\$ 91,891	\$ 22,972	5/2/2017	5/2/2017	7/15/2020	COUNTY OF HAWAII	AGRICULTURAL THEFT PILOT PROGRAM	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR153	B	\$ 20,000	O	\$ 60,000	\$ 40,000	5/24/2019	5/24/2019	5/23/2020	UNIVERSITY OF HAWAII	NANOBUBBLES IMPACT ON AQUACULTURE, AQUAPONICS, HYDROPONICS & PRODUCE	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S

Department of Agriculture  
Active Contracts as of December 1, 2019

Table 14

Prog ID	MOF	Amount	Frequency (M/A/O)	Max Value	Outstanding Balance	Date Executed	From	To	Entity	Contract Description	Explanation of How Contract is Monitored	POS Y/N	Category E/L/P/C/G/S/*
AGR161	A	\$ 4,515	O	\$ 13,255	\$ 8,740	9/26/2013	9/30/2013	3/29/2019	COMPLIANCE SOLUTIONS	SITE SAFETY & HEALTH OFFICER FOR OPERATION & MAINTENANCE WORK UNDER NAVY	MONTHLY REPORTS	Y	S
AGR161	A	\$ 78,396	O	\$ 90,000	\$ 11,604	7/1/2017	7/1/2017	9/16/2019	HAWAII FARMERS UNION	OPERATING GRANT TO SUPORT STRUCTURE F/FARMERS ON OAHU	PERIODIC REPORTS	Y	S
AGR161	A	\$ 75,000	O	\$ 374,890	\$ 299,890	4/25/2019	5/23/2019	6/22/2019	KENDALL LANDSCAPING	HAZARDOUS TREE REMOVAL & LAND CLEARING-WHITMORE AGRICULTURAL LANDS	INSPECTIONS	Y	S
AGR161	A	\$ 57,722	O	\$ 222,213	\$ 164,491	6/10/2019	8/1/2019	7/31/2020	ALLIED UNIVERSAL	SECURITY OFFICER SVC AT BOTT WELL PUMP, WAHIAWA OAHU	SITE VISITS	Y	S
AGR161	B	\$ 652	O	\$ 8,929	\$ 8,277	8/11/2015	8/17/2015	7/15/2016	HIROTA, SAM O.,	PARTIAL BOUNDARY SURVEY TMK7-1-02 POR.004 & SEWER LATERAL CONSTRUCTION	SITE VISITS	Y	S
AGR161	B	\$ 27,933	O	\$ 38,400	\$ 10,467	5/12/2016	6/21/2016	12/31/2016	TNWRE, INC.	DESIGN OF THE SMALL FARM IRRIGATION SUPPLY FOR TMK NOS 6-5-002:025 AND	MEETINGS	Y	S
AGR161	W	\$ 10,399	O	\$ 27,249	\$ 16,850	6/29/2009	7/14/2009	7/10/2016	HAWTHORNE PACIFIC	REPAIR & RESTORE GENERATORS AT FORMER KEKAHA SUGAR MILL	INSPECTIONS	Y	S
AGR161	W	\$ 54,153	O	\$ 54,155	\$ 2	9/30/2014	9/30/2014	9/29/2015	CARDNO GS, INC.	QUALITY CONTROL MANAGEMENT SVCS FOR OPERATION & MAINTENANCE WORK OF FRAINAGE CANALS AND PUMPS AT PMRF	MONTHLY REPORTS	Y	S
AGR161	W	\$ 10,664	O	\$ 14,794	\$ 4,130	9/28/2018	9/30/2018	12/30/2018	CARDNO GS, INC.	QUALITY CONTROL MANAGEMENT SVCS FOR OPERATION & MAINTENANCE WORK OF FRAINAGE CANALS AND PUMPS AT PMRF	MONTHLY REPORTS	Y	S
AGR161	W	\$ 14,794	O	\$ 18,144	\$ 3,350	12/29/2018	12/31/2018	3/29/2019	CARDNO GS, INC.	QUALITY CONTROL MANAGEMENT SVCS FOR OPERATION & MAINTENANCE WORK OF FRAINAGE CANALS AND PUMPS AT PMRF	MONTHLY REPORTS	Y	S
AGR161	W	\$ 4,634	O	\$ 29,588	\$ 24,954	9/30/2019	10/1/2019	3/25/2020	CARDNO GS, INC.	QUALITY CONTROL MANAGEMENT SVCS FOR OPERATION & MAINTENANCE WORK OF FRAINAGE CANALS AND PUMPS AT PMRF	MONTHLY REPORTS	Y	S
AGR161	W	\$ 2,713	O	\$ 16,660	\$ 13,948	1/26/2015	1/30/2015	9/30/2015	COMPLIANCE SOLUTIONS	SITE SAFETY & HEALTH OFFICER FOR OPERATION & MAINTENANCE WORK UNDER NAVY CONTRACT AT PMRF	MONTHLY REPORTS	Y	S
AGR161	W	\$ 5,470	O	\$ 12,085	\$ 6,615	8/13/2018	8/13/2018	9/29/2018	COMPLIANCE SOLUTIONS	SITE SAFETY & HEALTH OFFICER FOR OPERATION & MAINTENANCE WORK UNDER NAVY CONTRACT AT PMRF	MONTHLY REPORTS	Y	S

Department of Agriculture  
Active Contracts as of December 1, 2019

Table 14

Prog ID	MOF	Amount	Frequency (M/A/O)	Max Value	Outstanding Balance	Date Executed	From	To	Entity	Contract Description	Explanation of How Contract is Monitored	POS Y/N	Category E/L/P/C/G/S/*
AGR161	W	\$ 2,340	O	\$ 3,970	\$ 1,630	12/29/2018	12/30/2018	3/29/2019	COMPLIANCE SOLUTIONS	SITE SAFETY & HEALTH OFFICER FOR OPERATION & MAINTENANCE WORK UNDER NAVY CONTRACT AT PMRF	MONTHLY REPORTS	Y	S
AGR161	W	\$ 5,920	O	\$ 19,286	\$ 13,366	12/23/2014	1/1/2015	9/29/2015	LORD'S ELECTRIC	OPERATION & MAINTENANCE OF DRAINAGE CANALS & PUMPS AT PACIFIC MISSILE RANGE FACILITY	MONTHLY REPORTS	Y	S
AGR161	W	\$ 48,498	O	\$ 54,338	\$ 5,841	12/29/2018	12/30/2018	3/29/2019	LORD'S ELECTRIC	OPERATION & MAINTENANCE OF DRAINAGE CANALS & PUMPS AT PACIFIC MISSILE RANGE FACILITY	MONTHLY REPORTS	Y	S
AGR161	W	\$ 16,166	O	\$ 96,995	\$ 80,829	3/28/2019	3/30/2019	9/30/2019	LORD'S ELECTRIC	OPERATION & MAINTENANCE OF DRAINAGE CANALS & PUMPS AT PACIFIC MISSILE RANGE FACILITY	MONTHLY REPORTS	Y	S
AGR161	W	\$ 11,062	O	\$ 76,426	\$ 65,364	1/1/2015	1/1/2015	12/31/2015	ITERASHIMA ENVIRONMENTAL	NPL POLLUTANT DISCHARGE ELIMINATION SYSTEM MONITORING AND PERMIT RENEWAL AT KEKAHA	MONTHLY REPORTS	Y	S
AGR161	W	\$ 40,678	O	\$ 46,411	\$ 5,733	9/19/2018	9/19/2018	12/31/2018	ITERASHIMA ENVIRONMENTAL	NPL POLLUTANT DISCHARGE ELIMINATION SYSTEM MONITORING AND PERMIT RENEWAL AT KEKAHA	MONTHLY REPORTS	Y	S
AGR161	W	\$ 53,636	O	\$ 67,351	\$ 13,715	4/1/2015	4/1/2015	12/31/2015	NEXT DESIGN LLC	PERFORM PROFESSIONAL ARCHITECTURAL SVCS FOR THE DESIGN OF THE MEZZANINE FLR OF WAREHOUSE BLDG	SITE VISITS	Y	S
AGR161	W	\$ -	O	\$ 5,000	\$ 5,000	3/21/2017	3/21/2017	8/31/2017	NEXT DESIGN LLC	PERFORM PROFESSIONAL ARCHITECTURAL SVCS FOR THE DESIGN OF THE MEZZANINE FLR OF WAREHOUSE BLDG	SITE VISITS	Y	S
AGR161	W	\$ 24,392	O	\$ 30,000	\$ 5,608	6/6/2016	7/14/2016	6/30/2017	PLANNING SOLUTIONS	CLEAN WATER ACT(CWA) SUIT SUPPORT AT MANA PPLAIN, KEKAHA, KAUAI	PERIODIC REPORTS	Y	S
AGR161	W	\$ 98,910	O	\$ 117,000	\$ 18,090	10/21/2016	11/17/2016	12/31/2018	ITC WATER MANAGE	SMALL FARM IRRIGATION SUPPLY FOR TMK6-5-002:025 AND 7-1-001:002 WAHIAWA,	MONTHLY REPORTS	Y	S
AGR161	W	\$ -	O	\$ 85,000	\$ 85,000	1/1/2019	1/1/2019	12/31/2019	USDA	IMPLEMENTATION OF A COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENT-CRADA	PERIODIC REPORTS	Y	S
AGR161	W	\$ 88,409	O	\$ 90,413	\$ 2,004	3/6/2019	4/1/2019	7/31/2019	ALLIED UNIVERSAL	SECURITY OFFICER SERVICE AT BOTT WELL PUMP - WAHIAWA, OAHU	SITE VISITS	Y	S
AGR161	W	\$ 5,270	O	\$ 154,512	\$ 149,242	9/1/2019	9/1/2019	8/31/2020	ITC WATER MANAGE	GALBRAITH SMALL FARM IRRIGATION & BOTT WELL PUMP O&M	MONTHLY REPORTS	Y	S
AGR161	W	\$ 9,361	O	\$ 171,895	\$ 162,534	9/27/2019	10/7/2019	10/6/2020	HART CROWSER, IN	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSULTANT	PERIODIC REPORTS	Y	S

Department of Agriculture  
Active Contracts as of December 1, 2019

Table 14

Prog ID	MOF	Amount	Frequency (M/A/O)	Max Value	Outstanding Balance	Date Executed	From	To	Entity	Contract Description	Explanation of How Contract is Monitored	POS Y/N	Category E/L/P/C/G/S/*
AGR171	A	\$ 270,000	O	\$ 300,000	\$ 30,000	7/1/2016	7/1/2016	4/1/2020	HAWAII FLORICULTURE AND NURSERY ASSOC	DEVELOPMENT OF EXPORT MARKETS PEST MANAGEMENT & VARIETAL DEVELOPMENT	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	A	\$ 16,800	O	\$ 24,000	\$ 7,200	5/2/2017	5/2/2017	5/2/2018	DATAHOUSE CONSULTING	TRAINING FOR STAFF & UPDATING THE APPLICATION FOR THE CONTRACTS MANAGEMENT SYSTEM	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	A	\$ 160,000	O	\$ 200,000	\$ 40,000	5/19/2017	5/19/2017	5/19/2020	HAWAII TROPICAL FRUIT GROWERS	INCREASING GERMPASM & AVAILABILITY OF FRUIT TREES TO GROWERS STATEWIDE	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	A	\$ 14,000	O	\$ 35,000	\$ 21,000	3/28/2019	3/28/2019	5/29/2020	HAWAII FARM BUREAU	2019 HAWAII STATE FARM FAIR - RFP 19-01-MDB	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	A	\$ -	O	\$ 10,000	\$ 10,000	4/26/2019	4/26/2019	5/26/2021	HAWAII FOOD MANUFACTURERS ASSOCIATION	HFMA GUIDEBOOK - RFP 19-01-MDB	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	A	\$ -	O	\$ 99,000	\$ 99,000	6/4/2019	6/4/2019	8/4/2020	FOODLAND SUPER M	EATLOCAL19_MEDIA - #RFP-19-05- MDB	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	B	\$ 300,000	O	\$ 500,000	\$ 200,000	4/25/2017	4/25/2017	4/24/2020	HO'OPULAPULA	PIOLT PROJECT TO GROW RICE AS A NEW BUFFER	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	B	\$ 104,761	O	\$ 106,789	\$ 2,028	5/2/2017	5/2/2017	7/15/2020	COUNTY OF HAWAII	AGRICULTURAL THEFT PILOT PROGRAM	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	B	\$ 444,140	O	\$ 493,489	\$ 49,349	5/19/2017	5/19/2017	5/19/2020	UNIVERSITY OF HAWAII	INCREASING HAWAII'S AGRICULTURE PRODUCTION THROUGH RESEARCH IMPORTATION EVALUATION PROPOGATION AND DISTRIBUTION OF NEW GERMPASM	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	B	\$ 79,000	O	\$ 99,000	\$ 20,000	7/13/2019	7/13/2019	4/12/2020	BARRECA, ROBERT	OAHU BANANA PROPAGATION & INNOVATIVE MARKETPLACE DISTRIBUTION DEMONSTRATION PROJECT	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	B	\$ 79,200	O	\$ 99,000	\$ 19,800	9/7/2018	9/7/2018	11/7/2019	FOODLAND SUPER MARKETS	EATLOCAL18_MEDIA - RFP #18-05- MDB	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	B	\$ 79,000	O	\$ 99,000	\$ 20,000				HAWAII CATTLEMEN	HAWAII LOCAL BEEF QUALITY STANDARDS PROJ #RFP-OC-19-05	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	B	\$ 45,600	O	\$ 57,000	\$ 11,400	11/1/2019	11/1/2019	6/30/2020	JAXIE CORPORATIO	FOODEX20 - #RFP-20-01-MDB	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 31,579	O	\$ 39,474	\$ 7,895	12/22/2017	12/22/2017	12/22/2019	OAHU RESOURCE COUNCIL	INCREASING CACAO PRODUCTION - RFP 17-03-ADD	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 13,740	O	\$ 34,350	\$ 20,610	12/22/2017	12/22/2017	7/31/2020	HAWAII AGRICULTURAL FOUNDATION	HIGHT DESITY MANAGO RFP-17-03- ADD	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 16,000	O	\$ 40,000	\$ 24,000	12/22/2017	12/22/2017	2/22/2020	HAWAII FOREST INDUSTRY	IMPORTED CHRISTMAS TREES	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 32,000	O	\$ 40,000	\$ 8,000	12/22/2017	12/22/2017	1/22/2019	PACIFIC GATEWAY	GOURMET POTATO MEDLEY CROP	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 32,000	O	\$ 40,000	\$ 8,000	12/22/2017	12/22/2017	2/22/2019	HAWAII EXPORT NURSERY ASSOC	2018 HI TROPICAL POTTED PLANTS	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S



Department of Agriculture  
Active Contracts as of December 1, 2019

Table 14

Prog ID	MOF	Amount	Frequency (M/A/O)	Max Value	Outstanding Balance	Date Executed	From	To	Entity	Contract Description	Explanation of How Contract is Monitored	POS Y/N	Category E/L/P/C/G/S/*
AGR171	N	\$ 32,000	O	\$ 40,000	\$ 8,000	1/26/2018	1/26/2018	1/26/2020	UNIVERSITY OF HAWAII	SPECIALTY ORGANIC CUCUMBER PRODUCTION IN HAWAII - RFP-17-03-ADD	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 32,000	O	\$ 40,000	\$ 8,000	1/26/2018	1/26/2018	1/26/2020	UNIVERSITY OF HAWAII	IMPROVE LEGUME CROPS GROWTH & YIELD IN HAWAII - RFP-17-03-ADD	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 31,646	O	\$ 39,557	\$ 7,911	3/2/2018	3/2/2018	3/2/2020	UNIVERSITY OF HAWAII	MACRO-PROPAGATION TECHNIQUES F/DISEASE FREE BANANA PLANTING MATERIAL IN THE PACIFIC	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 12,000	O	\$ 30,000	\$ 18,000	1/12/2019	1/12/2019	3/12/2020	HAWAII EXPORT NURSERY ASSOC	SPECIALTY BLOCK GRANT PGM 2018-2018 HAWAII POTTED TROPICAL PLANTS MKTG	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 16,000	O	\$ 40,000	\$ 24,000	1/12/2019	1/12/2019	3/12/2020	HAWAII FLORICULTURE AND NURSERY ASSOC	HFNA'S EDUCATIONAL PRGRM TO THE WEDDING INDUSTRY - #RFP 18-01-ADD	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 14,840	O	\$ 37,101	\$ 22,261	1/12/2019	1/12/2019	3/12/2021	HAWAII AGRICULTURAL FOUNDATION	LOW COST TISSUE CULTURE & GROW-OUT OF MICROPROPAGATED ANTHURIUMS	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 11,861	O	\$ 29,651	\$ 17,791	1/12/2019	1/12/2019	3/12/2020	HAWAII AGRICULTURAL FOUNDATION	HAWAIIAN SPECIALTY CACAO FINE FLAVOR CULTIVAR DEVELOPMENT PROJECT	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 16,000	O	\$ 40,000	\$ 24,000	1/12/2019	1/12/2019	1/12/2021	UNIVERSITY OF HAWAII	PLANTING TECHNIQUES FOR INCREASING LOCALLY PRODUCED CORN & BULB SPICES IN THE PACIFIC	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 16,000	O	\$ 40,000	\$ 24,000	1/12/2019	1/12/2019	1/12/2021	UNIVERSITY OF HAWAII	SELECTING PIGEON PEA & GREEN BEAN VARIETIES FOR MARKET PREFERENCE & VALUE ADDED PRODUCTS	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 16,000	O	\$ 40,000	\$ 24,000	1/12/2019	1/12/2019	1/12/2021	UNIVERSITY OF HAWAII	EXPANDING THE MKT F/HAWAIIAN TURMERIC W/HIGH YIELDING & HIGH CURCUMIN	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 31,506	O	\$ 39,382	\$ 7,876	1/22/2019	1/22/2019	9/22/2020	E KUPAKU KA AINA	UNDERSTANDING TRADITIONAL HAWAIIAN AGRICULTURE - #RFP 18-01-ADD	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 8,000	O	\$ 20,000	\$ 12,000	2/7/2019	2/7/2019	2/7/2021	UNIVERSITY OF HAWAII	FARM FOOD SAFETY TRAINING - #RFP 18-01-ADD	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 16,000	O	\$ 40,000	\$ 24,000	2/21/2019	2/21/2019	4/21/2021	YWCA	MAMAKI TEA ENTERPRISE - #RFP 18-01-ADD	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 13,415	O	\$ 33,538	\$ 20,123	3/4/2019	3/4/2019	9/4/2019	HAWAII MACADAMIA NUT ASSOC	INCREASING MACADAMIA NUT YIELDS IN HAWAII	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 23,754	O	\$ 59,386	\$ 35,632	2/27/2019	2/27/2019	4/27/2019	KOHALA CENTER	CREATING MKT OPPORTUNITIES F/LOCALLY ADAPTED SEED	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR171	N	\$ 12,000	O	\$ 30,000	\$ 18,000	3/15/2019	3/15/2019	5/15/2021	LANDSCAPE INDUSTRY COUNCIL	LANDSCAPE INDUSTRY COUNCIL OF HAWAII FOUNDATION POSTER SERIES	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S

Department of Agriculture  
Active Contracts as of December 1, 2019

Table 14

Prog ID	MOF	Amount	Frequency (M/A/O)	Max Value	Outstanding Balance	Date Executed	From	To	Entity	Contract Description	Explanation of How Contract is Monitored	POS Y/N	Category E/L/P/C/G/S/*
AGR192	A	\$ 200,000	O	\$ 300,000	\$ 100,000	8/8/2018	8/8/2018	8/1/2019	KOBAYASHI TRUCKI	KAUAI FARMER FLOOD RELIEF ASSISTANCE KUMU RD ACCESS	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	A	\$ 325,000	O	\$ 400,000	\$ 75,000	7/1/2018	7/1/2018	12/31/2019	HAWAII AGRICULTURAL FOUNDATION	HI AGRICULTURAL FOUNDATION'S CONNECTING FARMERS TO THE COMMUNITY PRGM	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	A	\$ -	O	\$ 30,000	\$ 30,000	7/1/2019	7/1/2019	9/31/20	HAMAKUA HARVEST,	HAMAKUA HARVEST 2019 GIA SUPPORT	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	A	\$ -	O	\$ 50,000	\$ 50,000	7/1/2019	7/1/2019	11/30/2020	HAWAII AGRICULTURAL RESEARCH CENTER	2019 HARC GIA SUPPORT	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	A	\$ -	O	\$ 45,000	\$ 45,000	7/1/2019	7/1/2019	11/30/2020	MALAMA KAUAI	MALAMA KAUAI'S AG INTERNSHIP PROGRAM GIA	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	B	\$ 37,500	O	\$ 50,000	\$ 12,500	5/1/2016	5/1/2016	4/30/2017	USDA	SUPPORT OF LIVESTOCK FEED DEVELOPMENT IN HI	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	B	\$ 79,200	O	\$ 99,000	\$ 19,800	2/6/2018	2/6/2018	12/31/2019	AGRICULTURAL LEADERSHIP FNDRN	HAWAII ALL-AGRICULTURE MULTI-DISCIPLINARY TRAINING PROGRAM	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	B	\$ 60,000	O	\$ 80,000	\$ 20,000	11/9/2018	11/9/2018	11/18/2019	FRIENDS OF THE FUTURE	EMERGENCY SVCS MAINTENANCE FOR WAIPIO RIVER VALLEY	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	B	\$ 20,000	O	\$ 25,000	\$ 5,000	11/26/2018	11/26/2018	11/25/2019	HAWAII 'ULU PRODUCERS	HAWAII COMMERCIAL SCALE ULU PRODUCTION & PROCESSING PROJECT	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	B	\$ 62,500	O	\$ 75,000	\$ 12,500	11/26/2018	11/26/2018	11/25/2019	COUNTY OF KAUAI	EAST KAUAI IRRIGATION SYS MAINTENANCE & OPERATION	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	B	\$ 30,000	O	\$ 35,000	\$ 5,000	11/26/2018	11/26/2019	11/25/2019	HAMAKUA HARVEST,	HAWAII ISLAND FARMER EDUCATION & DEVELOPMENT PROGRAM - RFP #OC-19-03	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	B	\$ 60,000	O	\$ 75,000	\$ 15,000	11/28/2018	11/28/2018	11/27/2019	OAHU ECONOMIC DEVELOPMENT	HAWAII LOCAL FOOD PLATFORM PROJ - #RFP-OC-19-04	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	B	\$ 79,500	O	\$ 99,000	\$ 19,500	9/20/2019	9/20/2019	3/19/2020	AGRICULTURAL LEADERSHIP FNDRN	HAWAII ALL-AGRICULTURE CONFERENCE 2019.	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S
AGR192	B	\$ 44,742	O	\$ 74,742	\$ 30,000	9/25/2019	9/25/2019	9/24/2020	UNIVERSITY OF HAWAII	GOFARM HAWAII PROGRAM HAWAII ISLAND EXPANSION	MIDTERM PROGRESS REPORT AND FINAL REPORT	Y	S

Department of Agriculture  
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>FY20 \$\$\$</u>	<u>FY21 \$\$\$</u>
AGR 141	1	1	18	39	Royal Kunia Agricultural Park, Oahu	C		\$ 20,000,000
AGR 141	2	3	23	47	Kahuku Agricultural Park Miscellaneous Improvements, Oahu	C		\$ 1,000,000
AGR 141	3	4	4	7	Waimea Irrigation System Improvements, Hawaii	C		\$ 1,300,000
AGR 141	4	5	4	7	Hawi Reservoir Decommissioning, Hawaii	C		\$ 500,000
						R		\$ 500,000
AGR 192	1	2	0	0	Misc. Health, Safety, Code and Other Requirements, Statwide	C		\$ 2,500,000

Department of Agriculture  
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>
		NONE			

Department of Agriculture  
Program ID Sub-Organizations

Table 17

<u>Program ID</u>	<u>Sub-Org Code</u>	<u>Name</u>	<u>Objective</u>
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.

Department of Agriculture  
Program ID Sub-Organizations

Table 17

	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 161	KA	Agribusiness Development Corporation	To make optimal use of agricultural assets for the economic, environmental and social benefit of the people of Hawaii by conserving and redeploying land and it's associated production infrastructure in a timely manner into productive uses and by coordinating and administering programs to assist or enhance agricultural enterprises.
	KC	Waiahole Water System	Provide a reliable source of irrigation water to users of the Waiahole water system by efficiently operating and maintaining the system infrastructure.

Department of Agriculture  
Program ID Sub-Organizations

Table 17

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.

Department of Agriculture  
Organization Changes

Table 18

<u>Year of Change</u> FY20/FY21	<u>Description of Change</u>
	<a href="https://hdoa.hawaii.gov/wp-content/uploads/2020/01/2019-06-30-HDOA-Org-Charts.pdf">Link to Organization Charts: https://hdoa.hawaii.gov/wp-content/uploads/2020/01/2019-06-30-HDOA-Org-Charts.pdf</a>
FY 20	Page 3 - Position # 121830 (16006A) Farm to School Coordinator abolished pursuant to Act 5, SLH 2019
FY 20	Page 3 - Position # 123190 (90021A) Special Assistant to Chair authorized pursuant Act 113, SLH 2019. Placement subject to non-delegated re-org.
FY 20	Page 4 - Pseudo #s 99008A-90020A ADC positions authorized pursuant to Act 28, SLH 2019. Placement subject to non-delegated re-org.
FY 20	Page 6 - Position # 42005 transferred from AGR 122 EB to AGR 192 AA as Human Resources Specialist III pursuant to Act 53, SLH 2018.
FY 20	Page 6 - Position # 121308 Accountant III reallocated to Accountant II.
FY 20	Page 8 - Pseudo # 14033A Livestock Inspector II abolished pursuant to Act 5, SLH 2019.
FY 20	Page 9 - Position #s 42289 & 122283 Livestock Inspector II reallocated to Livestock Inspector I.
FY 20	Page 10 - Position #s 14506 & 14507 Quarantine Animal Caretaker IIs abolished pursuant to Act 5, SLH 2019.
FY 20	Page 10 - Position # 110146 Office Assistant III abolished pursuant to Act 5, SLH 2019.
FY 20	Page 14 - Position # 122276 (98009A) Industrial Hemp Program Coordinator authorized pursuant to Act 228, SLH 2016. Placement subject to non-delegated re-org.
FY 20	Page 14 - Position # 122308 (98004A) Agricultural Food Safety Program Manager authorized pursuant to Act 106, SLH 2016. Placement subject to non-delegated re-org.
FY 20	Page 14 - Position #122895 (98021A) Food Safety Grant Assistant authorized pursuant to Act 106, SLH 2016. Placement subject to non-delegated re-org.
FY 20	Page 14 - Position # 122945 (91302A) Measurement Standards Inspector V authorized level changed to IV.
FY 20	Page 15 - Position # 7570 Agricultural Commodities Marketing Specialist III reallocated to ACMS II.
FY 20	Page 15 - Position # 4863 Agricultural Commodities Marketing Specialist V reallocated to ACMS II.
FY 20	Page 16 - Position # 40690 Agricultural Commodities Marketing Specialist V authorized level changed to IV.
FY 20	Page 16 - Position # 10670 Agricultural Commodities Marketing Specialist IV reallocated to ACMS III.
FY 20	Page 18 - Position # 122613 Economist VII placed as branch chief of the Market Analysis and News Branch.
FY 20	Page 18 - Position #s 10403 & 11355 Economic Development Specialist V reallocated to EDS IV.
FY 20	Page 18 - Position #s 13201, 13203, & 13199 Research Statistician IIIs moved from Hawaii Agricultural Statistics Service Branch to the Market Analysis and News Branch.
FY 20	Hawaii Agricultural Statistics Service Branch abolished.
FY 20	Page 22 - Pseudo 91311A Real Property Appraiser V abolished pursuant to Act 5, SLH 2019.



Department of Agriculture  
Organization Changes

Table 18

FY 20	Page 22 - Position # 120399 Property Manager IV authorized level changed to V.
FY 20	Page 25 - Position # 7525 Environmental Health Specialist IV abolished pursuant to Act 5, SLH 2019.
FY 20	Page 25 - Position #s 122875 & 122876 (98017A & 98018A) Environmental Health Specialist III deleted due to expiration of funding.
FY 20	Page 25 - Position # 122672 (98019A) Chemist IV authorized pursuant to Act 49, SLH 2017. Placement subject to delegated re-org.
FY 20	Page 25 - Pseudo #s 90007A & 90008A Environmental Health Specialist III authorized pursuant to Act 5, SLH 2019. Placement subject to delegated re-org.