



List of Tables and Charts

Hawaii Board of Agriculture	36
Organizational Chart	37
Financial Statements	
General Fund (Operating Funds)	38
Special Funds	39
Trust Funds	40
CIP Fund	40
Revolving Fund	41
Bond Fund	42
Agricultural Loan Division	44
Charts	
Agricultural Resource Management Division	
Lease Dispositions	45
Waimanalo Irrigation System	46
Kahuku Agricultural Park Irrigation System	46
Kekaha Irrigation System	46
Molokai Irrigation System	46
Waimea Irrigation System	47
Honokaa-Pauilo Irrigation System	47
Animal Industry Division	
Animal Importations and Inspections	48
Non-compliance: Pre & Post-Shipment Requirements	48
Disease Surveillance Testing	48
Specimen Examinations	48
Plant Industry Division	
Pesticides Branch Activities	49
Noxious Weed Control Activities	49
Seed Regulatory Activities	49
Pest Plant Control Activities	50
Beneficial Insect Releases	50
Import Activities	50
Brown Tree Snake Activities	50
Export Activities	51
Revenues	51
Citations and Summons	51
Quality Assurance Division	
Commodities Branch Activities	52
Measurement Standards Branch Activities	53



BOARD OF AGRICULTURE



James J. Nakatani
Chairperson,
Board of
Agriculture

01/03/95 -
present



Sumner P. Erdman
Member-at-
Large

2nd Term
ends
06/30/05



Susan T. Matsushima
Member-at-
Large

2nd Term
ends
06/30/05



Akira Sakima
Member-at-
Large

1st Term
ends
06/30/02



Neil Nakamura
Maui County
Member

1st Term
ends
06/30/04



Ralph K. Ishikawa
Kauai County
Member

2nd Term
ends
06/30/02



Benjamin K. Lindsey
Hawaii County
Member

1st Term
ends
06/30/02



Gil Agaran
Ex Officio
Voting Member
Chairperson,
Board of Land
& Natural
Resources

1/01 - present



Dr. Seiji Naya
Ex Officio
Voting Member
Director, Dept.
of Business,
Economic
Development,
and Tourism

7/96 - present



Dr. Andrew Hashimoto
Ex Officio Voting
Member
Dean, College of
Tropical Agriculture
& Human Resources,
University of Hawaii

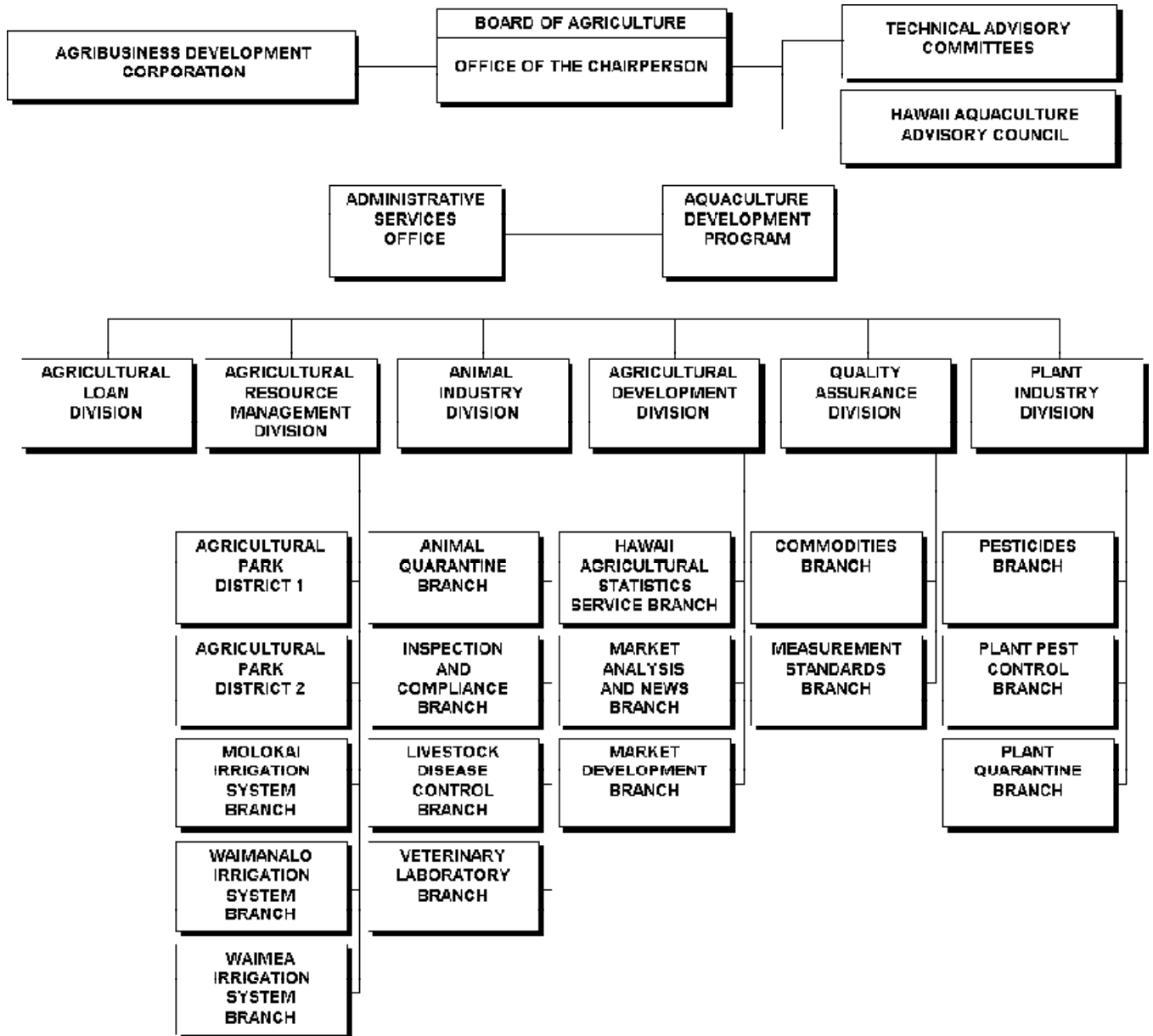
01/01 - present

DEPARTMENT OF AGRICULTURE OFFICE OF THE CHAIRPERSON



Letitia Uyehara
Deputy to
the
Chairperson

11/03/93 -
present





Financial Statement - General Fund FY 2000

FINANCIAL STATEMENT - GENERAL FUND (Operating Funds)
July 1, 2000 - June 30, 2001

Title of Fund	Appropriation		Restricted	Allocation 2000-2001	Personal Services	Other Current Expenses	Total Expend 2000-2001	Outstand	
	Fund No.	Incl Transf 2000-2001						Encum 06/30/01	Balance 06/30/01
AGR 122- FINANCIAL ASSISTANCE FOR AGRICULTURE - Appropriation for Agricultural Loan Revolving Fund, Act 223/00									
	312-00802	500,000		2,500,000			0		2,500,000(1)
AGR 122 - PLANT PEST & DISEASE CONTROL									
Administration	122-0045	155,263		155,263	125,541	16,686	142,227	4,558	8,478
Plant Quarantine	122-0050	2,485,502		2,485,502	2,293,535	108,123	2,401,658	74,860	8,984
Plant Pest Control									
Biological Control	122-0060	835,539	(81,590)	753,949	630,711	79,396	710,107	40,253	3,589
Chemical Mechanical	122-0070	458,330		458,330	364,573	57,720	422,293	35,548	489
Papaya Ringspot Virus Eradication, Act 223/00	313-0070	800,000		800,000	10,324	41,551	51,875	742,783	5,342
AGR 131 - ANIMAL QUARANTINE									
Reduction to Quarantine									
User Fees, Act 278/00	311-0038	500,000		500,000		500,000	500,000	0	0
AGR 132 - ANIMAL DISEASE CONTROL									
Administration	132-0015	178,172		178,172	161,235	12,059	173,294	2,952	1,926
Livestock Disease Control	132-0017	327,111		327,111	216,141	68,972	285,113	38,013	3,985
Veterinary Laboratory	132-0025	489,320		489,320	395,581	77,830	473,411	13,901	2,008
Meat Grading	132-0026	5,902		5,902		864	864	4,987	51
Inspection & Compliance	132-0035	173,000		173,000	162,853	6,894	169,747	1,629	1,624
AGR 141 - AGRICULTURAL RESOURCE MANAGEMENT									
Administration	141-0009	131,584	(7,134)	124,450	115,388	4,493	119,881	3,441	1,128
Irrigation Systems	141-0011	370,100		370,100	21,647	126,619	148,266	221,191	643
Emergency Apprn for Irrigation System Revolv. Fund, Act 72/01	314-0011	200,000		200,000		200,000	200,000	0	0
AGR 151 - QUALITY & PRICE ASSURANCE									
Administration	151-0150	138,168	(5,450)	132,718	126,656	3,084	129,740	1,668	1,310
Commodities	151-0090	1,176,085		1,176,085	1,074,357	71,989	1,146,346	21,301	8,438
AGR 153 - AQUACULTURE DEVELOPMENT PROGRAM									
	153-0007	456,466		456,466	322,799	29,433	352,232	97,650	6,584
AGR 161 - AGRIBUSINESS DEVELOPMENT & RESEARCH									
Agricultural Research	161-0002	736,090		736,090	16,136	261,328	277,464	450,760	7,866
Agricultural Research & Development, Act 179/00	307-0002	750,000		750,000		720,000	720,000	30,000	0
Agribusiness Dev. Corp. Board, Act 117/99 (Act 206/00)	308-0003	323,747		323,747		323,747	323,747	0	0
AGR 171 - AGRICULTURAL DEVELOPMENT & MARKETING									
Administration	171-0085	77,506		77,506	69,649	5,796	75,445	386	1,675
Market Development	171-0095	530,336	(11,287)	519,049	168,668	115,317	283,985	232,725	2,339
Hawaii Ag. Statisticals Services	171-0100	389,055		389,055	358,017	24,372	382,389	3,090	3,576
Market Analysis & News	171-0110	189,494		189,494	124,043	10,694	134,737	11,928	42,829
AGR 192 - GENERAL ADMINISTRATION									
Administration	192-0001	1,468,014		1,468,014	1,124,025	238,465	1,362,490	100,742	4,782
Protocol Fund	198-0001	2,500		2,500		1,778	1,778	400	322
AGR 812 - MEASUREMENT STANDARDS									
Measurement Standards	012-0120	566,232		566,232	411,559	53,261	464,820	90,953	10,459
Emergency Apprn for Measure- ment Standards, Act 155/00	310-0120	200,000		200,000		185,073	185,073	13,274	1,653
AGR 846 - PESTICIDES									
	046-0075	699,818	(8,590)	691,228	666,091	11,977	678,068	4,419	8,741
TOTAL		17,313,334	(114,051)	17,199,283	8,959,529	3,357,521	12,317,050	2,243,412	2,638,821

(1) Lapsed as of 06/30/01



FINANCIAL STATEMENT - SPECIAL FUNDS

July 1, 2000 - June 30, 2001

Title of Fund	Fund No.	Cash Balance 07/01/00	Receipts 2000-2001	Personal Services	Other Current Expenses	Total Expenditures 2000-2001	Cash Balance 06/30/01	Outstanding Encumbr 06/30/01
AGR 101 - FINANCIAL ASSISTANCE FOR AGRICULTURE								
Agricultural Loan Reserve Fund	S-301	5,002,421	1,948,214	520,283	275,314	795,597	6,155,038	202,948
Aquaculture Loan Reserve Fund	S-310	110,798	46,582			0	157,380	0
AGR 122 - PLANT PEST & DISEASE CONTROL								
Cooperative National Plant Pest Survey Program, Federal	S-201	2,406	6,400		4,717	4,717	4,089	360
Research & Development for the Brown Tree Snake, Federal	S-211	14,000	212,784	118,152	95,494	213,646	13,138	0
Decision Support System For Evaluating Threats of Invasive Birds Project, Federal	S-217	1,586			416	416	1,170	0
Kauai Alien Pest Plant Rapid Response Effort, Federal	S-218	0	2,822	588	2,087	2,675	147	0
Hawaii Brown Tree Snake Detector Program, Federal	S-219	293,025	449,683		640,955	640,955	101,753	974
Seed Sampling Processing Services, Federal	S-246	0	1,982		1,982	1,982	0	0
Plant Quarantine (Interagency Transfer)	S-314	24,158	102,603	78,436	23,559	101,995	24,766	24,182
AGR 131 - ANIMAL QUARANTINE								
Animal Quarantine	S-318	747,086	4,133,513	1,770,560	966,612	2,737,172	2,143,427	76,579
AGR 132 - ANIMAL DISEASE CONTROL								
Contribution of Animal Quarantine Holding Facility	S-316	26	218,762	216,170		216,170	2,618	1,822
AGR 141 - AGRICULTURAL RESOURCE MANAGEMENT								
Agricultural Park Special Fund	S-317	485,821	347,488	120,260	203,209	323,469	509,840	8,026
Agricultural Park Special Fund Escrow Account	S-327	86,298	5,263			0	91,561	0
AGR 151 - QUALITY & PRICE ASSURANCE								
Commodities, Egg Product Inspection Act, Federal	S-202	5,545	14,623	13,529	5,636	19,165	1,003	0
Commodities, Seafood Inspection Program, Federal	S-220	0	1,289	1,082	198	1,280	9	0
Commodities, Milk Control	S-315	192,081	230,735	119,409	38,481	157,890	264,926	6,164
AGR 153 - AQUACULTURE DEVELOPMENT PROGRAM								
Aquaculture Development, Federal	S-206	11,342	49,076	31,810	19,115	50,925	9,493	0
Aquaculture Development, Act 193/00S-328		0	20,098			0	20,098	0
AGR 161 - AGRIBUSINESS DEVELOPMENT & RESEARCH								
Maintenance & Operation of Kekaha Drainage System, Federal	S-224	0	34,857			0	34,857	0
AGR 171 - AGRICULTURAL DEVELOPMENT & MARKETING								
Agricultural Market Information System, Federal	S-212	0	0			0	0	0
AGR 846 - PESTICIDES								
EPA/DOA Pesticide Enforcement Program, Federal	S-205	78,748	292,366	84,946	181,247	266,193	104,921	216,783
Cooperative Pesticide Record-keeping Program, Federal	S-213	7,973	6,750		10,435	10,435	4,288	1,482
AGR 192 - GENERAL ADMINISTRATION								
Assist Agricultural Transportation Coop in Hawaii, Federal	S-223	0	7,200,000		7,200,000	7,200,000	0	0
TOTAL		7,063,314	15,325,890	3,075,225	9,669,457	12,744,682	9,644,522	539,320



Financial Statement - Trust Funds FY 2001

FINANCIAL STATEMENT - TRUST FUNDS
July 1, 2000 - June 30, 2001

Title of Fund	Fund No.	Cash Balance 07/01/00	Receipts 2000-2001	Personal Services	Other Current Expenses	Total Expenditures 2000-2001	Cash Balance 06/30/01	Outstanding Encumbrances 06/30/01
AGR 122 - PLANT PEST & DISEASE CONTROL								
Contribution of Overtime, Plant Quarantine Inspection	T-902	8,318	337,645	303,052	23,096	326,148	19,815	6,947
Temporary Deposit, Plant Industry (Bond for Animals)	T-904	29,300	8,000		15,100	15,100	22,200	0
Noxious Weed Control	T-918	6,423	30			0	6,453	0
AGR 151 - QUALITY & PRICE ASSURANCE								
Temporary Deposit, Marketing	T-903	20,696	37,748		55,346	55,346	3,098	0
Producer's Settlement Fund	T-906	0	193,739		193,739	193,739	0	0
AGR 192 - GENERAL ADMINISTRATION								
Temporary Deposit	T-908	15,200	8,378		8,929	8,929	14,649	0
TOTAL		79,937	585,540	303,052	296,210	599,262	66,215	6,947

FINANCIAL STATEMENT - CIP FUNDS (General, Special and Revolving)
July 1, 2000 - June 30, 2001

Title of Fund	Fund No.	Beg Bal/ Appr'n 2000-2001	Rever- sions	Allocation 2000-2001 (Incl. O/S Enc)	Transfers	Lapses	Expend. 2000-2001	Outstanding Encumbr 06/30/01	Total Exp & Enc 2000-2001	Available Balance 06/30/01
Upcountry Maui Watershed										
Lump Sum, Act 328/97										
	S-97-270	525,000		525,000					0	525,000
Design, Act 328/97										
	S-97-272	0		5,000			5,000		5,000	0
Construction	S-97-276	1,300,000		1,300,000			344,041	792,959	1,137,000	163,000
Drainage, Waimanalo Irrigation System Oahu										
Lump Sum, Act 91/99										
	S-99-270	325,000		325,000	(325,000)				0	0
Construction, Act 91/99										
	S-99-274	0		0	325,000		135,673	120,215	255,888	69,112
Lower Hamakua Ditch Watershed, Hawaii										
Lump Sum, Act 91/99										
	S-99-275	1,500,000		1,500,000	(1,500,000)				0	0
Construction, Act 91/99										
	S-99-279	0		0	1,500,000			1,446,898	1,446,898	53,102
Lower Hamakua Ditch Watershed, Hawaii										
Lump Sum, Act 91/99 (281/00)										
	S-00-270	1,500,000		1,500,000					0	1,500,000
Design & Construction										
	S-00-276	1,228,715		1,228,715			48,657	928,620	977,277	251,438
TOTAL		6,378,715	0	6,383,715	0	0	533,371	3,288,692	3,822,063	2,561,652



FINANCIAL STATEMENT - REVOLVING FUND

July 1, 2000 - June 30, 2001

Title of Fund	Fund No.	Cash		Receipts 2000-2001	Personal Services	Other Current Expenses	Total Expend 2000-2001	Cash Outstanding	
		Balance 07/01/00	Transfers 2000-2001					Balance 06/30/01	Encumb. 06/30/01
AGR 101 - FINANCIAL ASSISTANCE FOR AGRICULTURE									
Agricultural Loan	S-303	4,976,664	1,887,069	3,964,319		2,176,003	2,176,003	8,652,049	0
Aquaculture Loan	S-311	386,903		71,996		225,000	225,000	233,899	0
Farm Loans for Economically Depressed Areas, Act 157/99	S-312	1,887,069 (1,887,069)					0	0	0
AGR 122 - PLANT PEST & DISEASE CONTROL									
Permit Revolving Fund	S-326	0		17,063			0	17,063	2,420
AGR 141 - AGRICULTURAL RESOURCE MANAGEMENT									
Irrigation Systems	S-320	237,146		1,009,402	485,511	539,048	1,024,559	221,989	146,489
AGR 151 - QUALITY & PRICE ASSURANCE									
Papaya Marketing Order	S-302	329		6		259	259	76	0
Coffee Inspection	S-323	52,862		36,805	26,722	543	27,265	62,402	2,264
AGR 161 - AGRIBUSINESS DEVELOPMENT & RESEARCH									
Agribusiness Development	S-307	109,924		569,528	173,320	51,907	225,227	454,225	16,248
Waiahole Water System, Act 111/98	S-325	1,332,330		780,802	337,925	250,655	588,580	1,524,552	76,027
AGR 846 - PESTICIDES									
Pesticide Use Program	S-324	245,133		615,550	185,814	119,320	305,134	555,549	303,813
TOTAL		9,228,360	0	7,065,471	1,209,292	3,362,735	4,572,027	11,721,804	547,261



FINANCIAL STATEMENT - BOND FUND

July 1, 2000 - June 30, 2001

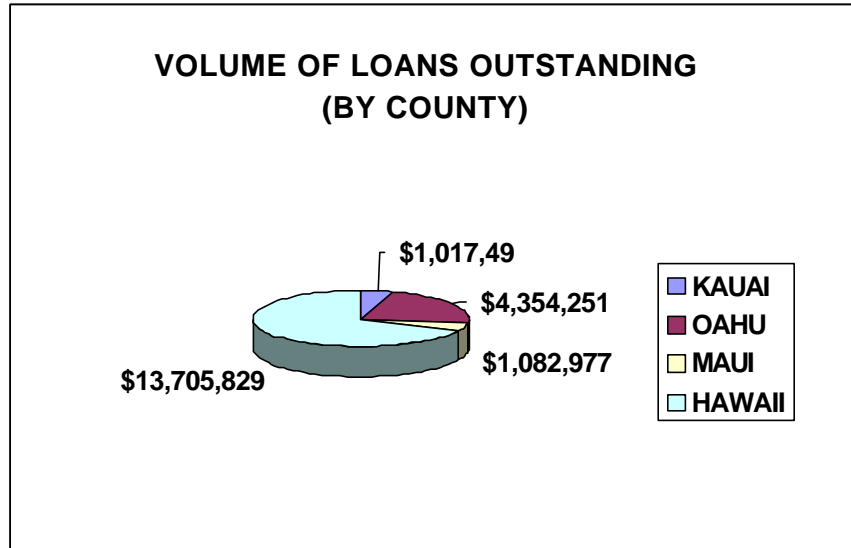
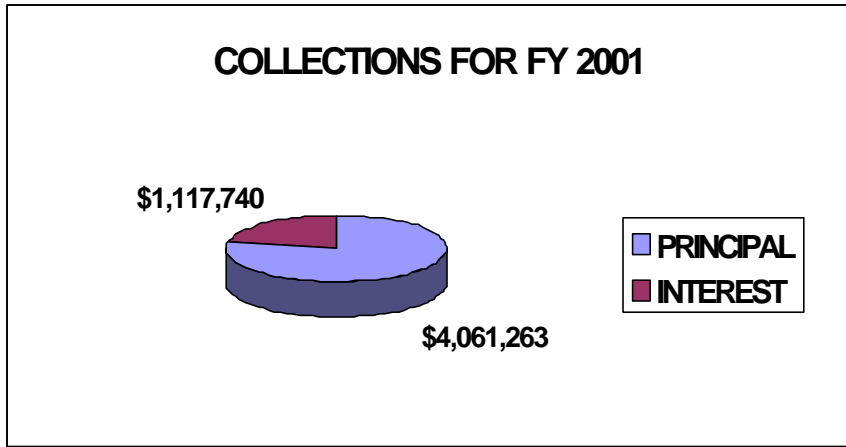
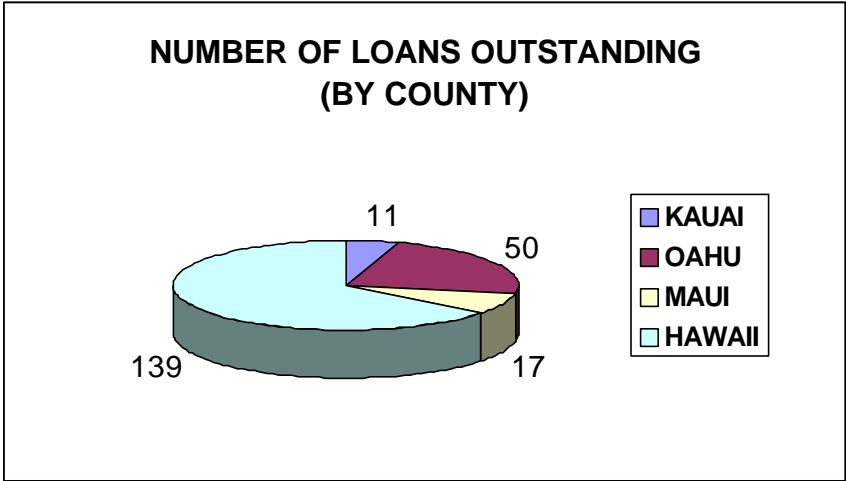
Title of Fund	Fund No.	Beg Bal/ Appr'n 2000-2001	Rever- sion	Allocation 2000-2001 (Incl O/S Enc)	Transfers	Lapses	Other Current Expenses	Outstand. Encumbr 06/30/01	Total Exp & Enc 2000-2001	Available Balance 06/30/01
Kauai Ag Park Subdivision, Kauai										
Construction, Act 289/93 (252/94)	B-94-413	45,867		45,867		(45,867)			0	0
Lower Hamakua Ditch, Hawaii										
Construction, Act 15/95	B-95-413	0		6,180			6,180		6,180	0
Waianae Ag Park, Drainage Improvements, Oahu										
Plans, Act 328/97	B-97-402	0		27,156			75	27,081	27,156	0
Design, Act 328/97	B-97-403	0		40,726			379	40,347	40,726	0
Upcountry Maui Watershed, Maui										
Plans, Act 328/97	B-97-406	76,003		123,733			50,460	103	50,563	73,170
Design, Act 328/97 (116/98)	B-97-407	19,883		19,883			358		358	19,525
Land, Act 328/97 (116/98)	B-97-411	721		721					0	721
Land, Act 328/97 (116/98)	B-97-800	52,000		52,000			25,000		25,000	27,000
Design, Act 328/97 (116/98)	B-97-801	1,000		1,000					0	1,000
Construction, Act 328/97 (116/98)	B-97-802	672,732		2,946,732			374,431	816,569	1,191,000	1,755,732
Waianae Ag Park, Drainage Improvements, Oahu										
Design, Act 328/97 (116/98)	B-98-400	0		50,000			21,716	28,284	50,000	0
Lower Hamakua Ditch Water Project, Hawaii										
Planning, Act 328/97 (116/98)	B-98-402	19		5,019			5,000	19	5,019	0
Design, Act 328/97 (116/98)	B-98-403	0		37,550			7,805	29,745	37,550	0
Construction, Act 328/97 (116/98)	B-98-404	799,972		878,007			161,592	181,135	342,727	535,280
Maunawili Ditch Improvements, Waimanalo, Oahu										
Construction, Act 328/97 (116/98)	B-98-405	0		300,000			213,999	86,001	300,000	0
Waiahole Water System										
Act 111/98	B-98-412	0		1,110,000			358,220	751,780	1,110,000	0
Lower Hamakua Ditch Watershed Project, Hawaii										
Land, Act 116/98 (91/99)	B-98-413	10,000		10,000				10,000	10,000	0
Miscellaneous Health, Safety, Code Requirements, Statewide										
Construction, Act 328/97 (116/98)	B-98-800	0		300,000			179,210	120,790	300,000	0
Drainage Improvements, Waimanalo Irrigation System, Oahu										
Lump Sum, Act 91/99	B-99-400	350,000		350,000(350,000)					0	0
Plans, Act 91/99	B-99-401	48,673		48,673			572	79	651	48,022
Land, Act 91/99	B-99-402	25,000		25,000					0	25,000
Construction, Act 91/99	B-99-404	0		0 350,000			135,951	120,215	256,166	93,834
Lower Hamakua Ditch Watershed Project, Hawaii										
Lump Sum, Act 91/99	B-99-405	1,000,000		1,000,000(1,000,000)					0	0
Plans, Act 91/99	B-99-406	18,899		18,940			4,036	14,904	18,940	0
Land, Act 91/99	B-99-407	75,000		75,000				0	75,000	
Design, Act 91/99	B-99-408	36,240		36,240			95	36,145	36,240	0
Construction, Act 91/99	B-99-409	0		0 1,000,000				1,000,000	1,000,000	0



FINANCIAL STATEMENT - BOND FUND (continued)

July 1, 2000 - June 30, 2001

Title of Fund	Fund No.	Beg Bal/ Appr'n 2000-2001	Rever- sion	Allocation 2000-2001 (Incl O/S Enc)	Transfers	Lapses	Other Current Expenses	Outstand. Encumbr 06/30/01	Total Exp & Enc 2000-2001	Available Balance 06/30/01
Wood Valley Agricultural Water System, Hawaii										
Plans, Act 91/99	B-99-410	2,000		2,000					0	2,000
Design, Act 91/99	B-99-411	5,000		5,000					0	5,000
Construction, Act 91/99	B-99-412	75,000		75,000					0	75,000
Agricultural Water System, Maui										
Plans, Act 91/99	B-99-413	200,000		200,000					0	200,000
Measurement Standards										
Act 155/00	B-99-414	3,800,000		3,800,000					0	3,800,000
Drainage Improvements, Waimanalo Irrigation System, Oahu										
Construction, Act 91/99 (281/00)	B-00-400	275,000		275,000				275,000	275,000	0
Lower Hamakua Ditch Watershed Project, Hawaii										
Lump Sum, Act 91/99 (281/00)	B-00-401	1,120,000		1,120,000	(1,120,000)				0	0
Plans, Act 91/99 (281/00)	B-00-402	0		0	20,000		811	2,205	3,016	16,984
Land, Act 91/99 (Act 281/00)	B-00-403	0		0	50,000				0	50,000
Design, Act 91/99 (281/00)	B-00-404	0		0	50,000				0	50,000
Construction, Act 91/99 (281/00)	B-00-405	0		0	1,000,000			446,898	446,898	553,102
Construction, Act 91/99 (Act 281/00)	B-00-406	68,000		68,000					0	68,000
Lalamilo Pipeline, Waimea Irrigation, Hawaii										
Construction, Act 281/00	B-00-407	200,000		200,000					0	200,000
TOTAL		8,977,009	0	13,253,427	0	(45,867)	1,545,890	3,987,300	5,533,190	7,674,370





LEASE DISPOSITIONS FY 2001

LESSEE/LEASE NO.	USE	TAX MAP KEY	RENT	DISPOSITION	AG PARK
HAWAII DISTRICT					
Fujii, J./S-4777	Agriculture	2-2-56:31	2,500	Negotiation	Panaewa
Sadorra, E./S-4422	Agriculture	1-5-116:08	1,500	Assignment	Pahoa
Shimamoto, S./S-4621	Agriculture	1-5-116:13	3,750	Canceled	Pahoa
Cho, H./S-4859	Agriculture	7-3-49:04	2,000	Negotiation	Keahole
Ohana 'Ike Ao/Rev. Permit 14	Processing/ Handling Facility	2-2-56:55	1,766	Negotiation	Panaewa
Fujitake, R. & L./S-4430	Agriculture	1-5-116:16	2,298	Assignment	Pahoa
Pahoa Exotic Flowers LLC/S-4816	Agriculture	1-5-116:53	430	Assignment	Pahoa
Yang, W./S-4420	Agriculture	1-5-116:06	1,250	Assignment	Pahoa
Bingham, C./S-4791	Agriculture	1-5-116:28	350	Assignment	Pahoa
KAUAI DISTRICT					
CEATECH Plantations Inc./ S-8002	Aquaculture	1-2-16:02	2,800	Negotiation	Kekaha
MOLOKAI DISTRICT					
University of Hawaii/Rev. Permit 11	Agriculture	5-2-01:20	Gratis	Award	Molokai
Agrigenetics Molokai LLC/S-9020	Agriculture	5-2-01:28	3,018	Assignment	Molokai
OAHU DISTRICT					
Glad's Landscaping & Tree Trimming/S-4936	Agriculture	4-1-35:10	14,400	Negotiation	Waimanalo
Estate of H. M. Okumura/ Rev. Permit 12	Bridge Ingress/ Egress/Mtnce.	4-1-35:36 (por)	Gratis	Award	Waimanalo
Martinez, E./Rev. Permit 10	Livestock/ Agriculture	4-1-10:69 (por)	1,200	Renewed	Governor's E.O. 1598
Ameron HC&D//Rev. Permit 13	Concrete Products Storage	9-1-31:26	2,000	Award	Kalaeloa



WAIMANALO IRRIGATION SYSTEM FY 2001

Month	Water Sold (Gallons)	Acreage Served	Assessment Charges	Water Charges
2000				
July	20,191,868	1,176	\$ 3,057.60	\$ 4,745.09
August	16,225,292	1,176	3,057.60	3,812.94
September	12,927,128	1,176	3,057.60	3,037.88
October	11,577,428	1,176	3,057.60	2,720.70
November	5,741,400	1,176	3,057.60	1,349.23
December	7,259,236	1,176	3,057.60	1,705.92
2001				
January	9,611,948	1,176	3,057.60	2,258.81
February	8,604,056	1,176	3,057.60	2,021.95
March	12,649,120	1,176	3,057.60	2,972.54
April	15,025,360	1,176	3,057.60	3,530.96
May	14,700,932	1,176	3,057.60	3,454.72
June	15,051,008	1,176	3,057.60	3,536.99
TOTAL	149,564,776	—	\$ 36,691.20	\$ 35,147.73

MOLOKAI IRRIGATION SYSTEM FY 2001

Month	Water Sold (Gallons)	Acreage Served	Assessment Charges	Water Charges
2000				
July	134,828,000	3,065	\$ 3,678.00	\$ 31,684.58
August	146,907,000	3,065	3,678.00	34,523.15
September	119,668,000	3,065	3,678.00	28,121.98
October	134,706,000	3,065	3,678.00	31,655.91
November	100,528,000	3,069	3,682.80	23,624.08
December	120,707,000	3,069	3,682.80	28,366.15
2001				
January	122,274,000	3,069	3,682.80	28,734.39
February	120,228,000	3,069	3,682.80	28,253.58
March	79,744,000	3,024	3,628.80	18,739.84
April	86,477,000	3,107	3,728.40	20,322.10
May	166,033,000	3,105	3,726.00	39,017.76
June	97,277,000	3,105	3,726.00	22,860.10
TOTAL	1,429,377,000	—	\$ 44,252.40	\$ 335,903.62

KAHUKU AGRICULTURAL PARK IRRIGATION SYSTEM

Month	Water Sold (Gallons)	Acreage Served	Assessment Charges	Water Charges
2000				
July	2,486,400	148	\$ 370.00	\$ 795.65
August	3,278,500	145	370.00	1,049.12
September	2,004,200	148	370.00	641.34
October	2,496,500	148	370.00	798.88
November	1,181,800	154	385.00	378.18
December	1,124,500	154	385.00	359.84
2001				
January	1,887,500	154	385.00	604.00
February	1,259,300	154	385.00	402.98
March	2,004,500	154	385.00	641.44
April	1,419,800	154	385.00	454.34
May	3,513,900	154	385.00	1,124.45
June	2,960,100	154	385.00	947.23
TOTAL	25,617,000	—	\$ 4,560.00	\$ 8,197.45

KEKAHA AGRICULTURAL PARK IRRIGATION SYSTEM

Month	Water Sold (Gallons)	Acreage Served	Assessment Charges	Water Charges
2000				
July	0	28	\$ 70.00	\$ 0
August	0	28	70.00	0
September	0	28	70.00	0
October	0	28	70.00	0
November	0	28	70.00	0
December	1,707,200	28	70.00	1,837.80
2001				
January	0	28	70.00	0
February	0	28	70.00	0
March	0	28	70.00	0
April	0	28	70.00	0
May	0	28	70.00	0
June	0	28	70.00	0
TOTAL	1,707,200	—	\$ 840.00	\$ 1,837.80



WAIMEA IRRIGATION SYSTEM FY 2001

Month	Water Sold (Gallons)	Acreage Served	Assessment Charges	Water Charges
LALAMILO SECTION				
2000				
July	39,918,000	284	\$ 667.40	\$ 9,380.73
August	38,979,000	284	667.40	9,160.06
September	41,828,000	284	667.40	9,829.58
October	37,888,000	284	667.40	8,903.68
November	21,480,000	284	667.40	5,047.80
December	23,152,000	284	667.40	5,440.72
2001				
January	28,913,000	284	667.40	6,794.55
February	20,317,000	284	667.40	4,774.49
March	30,383,000	284	667.40	7,140.00
April	33,012,000	284	667.40	7,757.82
May	38,859,000	284	667.40	9,131.86
June	33,028,000	284	667.40	7,761.58
Subtotal	387,757,000	—	\$ 8,008.80	\$ 91,122.87

HAWAIIAN HOMES

2000				
July	1,357,000	153	\$ 359.55	\$ 318.90
August	1,099,000	153	359.55	258.27
September	1,918,000	153	359.55	450.73
October	1,735,000	153	359.55	407.72
November	765,000	153	359.55	179.78
December	1,594,000	153	359.55	374.59
2001				
January	1,977,000	153	359.55	464.60
February	1,015,000	153	359.55	238.53
March	1,106,000	153	359.55	259.91
April	1,285,000	153	359.55	301.98
May	2,100,000	153	359.55	493.50
June	2,030,000	153	359.55	477.05
Subtotal	17,981,000	—	\$ 4,314.60	\$ 4,225.56

PUUKAPU SECTION

2000				
July	5,784,000	129	\$ 303.15	\$ 1,359.24
August	2,650,000	129	303.15	622.75
September	3,131,000	129	303.15	735.79
October	2,953,000	129	303.15	693.96
November	1,192,000	129	303.15	280.12
December	4,468,000	129	303.15	1,049.98
2001				
January	6,133,000	129	303.15	1,441.26
February	3,413,000	129	303.15	802.06
March	2,439,000	129	303.15	573.17
April	2,886,000	129	303.15	678.21
May	4,077,000	129	303.15	958.10
June	3,599,000	129	303.15	845.77
Subtotal	42,725,000	—	\$ 3,637.80	\$ 10,040.41
TOTAL	448,463,000	—	\$15,961.20	\$ 105,388.84

HONOKAA-PAAUILO IRRIGATION SYSTEM FY 2001

Month	Estimated Water Sold (Gallons)*	Irrigation Acres	Livestock Estimated # of Head	Assessment Charges**	Estimated Water Charges
2000					
July	41,151,760	711	1,725	\$.00	\$ 10,564.10
August	41,151,760	711	1,725	.00	10,564.10
Sept.	39,830,840	711	1,725	.00	10,233.87
October	41,151,760	711	1,725	.00	10,564.10
Nov.	39,830,840	711	1,725	.00	10,233.87
Dec.	60,263,200	711	1,725	.00	15,341.96
2001					
January	41,151,760	711	1,725	.00	10,564.10
February	37,189,040	711	1,725	.00	9,573.42
March	40,810,120	711	1,725	.00	10,478.69
April	39,830,840	711	1,725	.00	10,233.87
May	41,151,760	711	1,725	.00	10,564.10
June	39,830,840	711	1,725	.00	10,233.87
TOTAL	503,344,520	—		\$.00	\$ 129,150.05

* Due to ditch flow stoppages, some charges were later credited.

**No charges assessed due to lack of certification.



**ANIMAL IMPORTATION AND INSPECTION
FY 2001**

Bird (Caged).....	4,325
Bird (Exotic).....	6
Cat (Quarantine).....	1,975
Cattle.....	226
Chickens/Gamecocks.....	30
Chicks (Day Old).....	356,560
Chinchilla.....	86
Chukar.....	12
Dog (Service).....	41
Dog (Military).....	32
Dog (Quarantine).....	3,344
Dog (Customs).....	1
Dog (Bureau of Alcohol, Tobacco, & Firearms).....	2
Dog/Cat (Australia, New Zealand, British Isles).....	1,461
Duck.....	1
Frog.....	25
Game bird (Upland).....	2,298
Gecko.....	4
Goat.....	2,885
Guinea Pig.....	30
Horse.....	214
Lizard.....	1
Mice.....	10,275
Monkey.....	10
Ostrich.....	0
Porcupine.....	2
Pigeon.....	10
Quail.....	146
Rabbit.....	91
Rat.....	219
Serval.....	1
Sheep.....	20
Sloth.....	2
Squirrel.....	2
Swine.....	18,139
Tortoise.....	323
Turtle.....	1,761

TOTAL404,560

Hatching Eggs (30 dozen per case)5,405 cs.

**NON-COMPLIANCE: PRE & POST-SHIPMENT
REQUIREMENTS FOR ANIMALS ENTERING
THE STATE OF HAWAII**

Investigations.....	27
Citations Issued.....	20
Written Warning Issued.....	194
Refused Entry: 21 Turtles, 1 Bird, 1 Frog, 2 Pigeons, 1 Hamster, 1 Jackson Chameleon	

DISEASE SURVEILLANCE TESTING FY 2001

Disease	Infected Livestock				Reactor	% Suspect/ Reactor
	Herds	Tested	Negative	Suspect		
BRUCELLOSIS						
Swine						
Domestic	0	3,089	3,089	0	0	0.00
Feral (captive)	3	21	18	0	3	14.29
Feral (wild)**	3	191	131	0	60	31.41
Cattle						
Domestic	0	15,432	15,429	3	0	0.02
Feral	0	2	2	0	0	0.00
Others*	0	9	9	0	0	0.00
BRT						
Dairy Herds	0					
ANAPLASMOSIS						
Cattle						
Domestic	0	18,418	18,418	0	0	0.00
Feral	0	2	2	0	0	0.00
Others*	0	6	6	0	0	0.00
TUBERCULOSIS						
Cattle						
Domestic	0	6,382	6,382	0	0	0.00
Others*	0	6	6	0	0	0.00
PSEUDORABIES						
Swine						
Domestic	0	3,113	3,113	0	1	0.03
Feral (captive)	0	0	0	0	0	0.00
Feral (wild)**	3	231	135	0	96	41.56

*Others include: Bison, Goat, Sheep

** Each island's feral swine population considered as a herd

**SPECIMEN EXAMINATIONS
BY VETERINARY LABORATORY FY 2001**

Type of Test	No. of Exams
Bacteriology.....	160
Parasitology.....	4,070
Serology.....	18,043
Histopathology.....	1,116
Virology.....	3,933
Necropsy.....	243
Toxicology/Chem.....	13
Submission of serum samples for Rabies Serology.....	3,901
Submission of brain samples for Rabies Flourescent Antibody test.....	78



PESTICIDES BRANCH ACTIVITIES FOR FY 2001

INSPECTIONS

Producer Establishment Inspections	10
Samples	14
Market Surveillance Inspections	66
Samples	78
Agricultural Use Inspections	179
Samples	13
Worker Protection Standard Inspections	32
USDA Recordkeeping Inspections	44
Non-Agricultural Use Inspections	255
Samples	33
Import Inspections	11
Samples	20
Restricted-Use Dealer Inspections	20
Certified Applicator Records	227
Experimental Use Permit Inspections	6
Complaints	
Received	118
Investigated	91
Episodes	9
Single Purchase Permits Issued	0
Aerial Permits Issued	7

EDUCATION & CERTIFICATION ACTIVITIES

Private Applicators	
New certificates	37
Renewals	20
Examinations	136
Duplicates	6
Fees collected	\$1,595
Commercial Applicators	
New certificates	170
Renewals	39
Examinations	676
Duplicates	25
Fees collected	\$7,240
Consultative visits	112
Continuing Education Credit	
Course Applications Review	109
Presentations	16

REGISTRATION ACTIVITIES

Pesticides licensed	2,201
Fees collected	\$485,100
Dealer licenses issued	41
Fees collected	\$860
Special Local Need Registrations issued	11
Emergency Exemptions	2
Experimental-Use Permits Issued	10
Warning Letters	51
Stop Sale Actions	2
Civil Complaints	38
Informal Settlement Meetings	41
Consent Agreements	40
Penalties Collected	\$24,950
Hearings Conducted	1

ENFORCEMENT ACTIVITIES

Warning Letters	51
Stop Sale Actions	2
Civil Complaints	38
Informal Settlement Meetings	41
Consent Agreements	40
Penalties Collected	\$24,950
Hearings Conducted	1

NOXIOUS WEED CONTROL ACTIVITIES FY 2001

Number of plants/acres treated with herbicide or removed mechanically:

	Island	Acres
Fireweed	Hawaii	6,000 *
	Kauai	532 *
Fountaingrass	Maui	100 *
	Oahu	640 * ⁵
	Lanai	70 * ²
Gorse	Hawaii	15 *
Ivy Gourd	Maui	35 *
Miconia	Maui	277 * ¹
	Oahu	185 * ⁴
	Hawaii	1,978 * ³
Tibouchina	Oahu	8 *
Thorny kiawe	Oahu	100 * ⁶

* Estimated; HDOA

*¹ Estimated; infested acreage treated with herbicide; performed cooperatively with Department of land & Natural Resources (DLNR); acreage for DLNR only

*² Estimated; performed cooperatively with the Lanai Company, The Nature Conservancy (TNC), DLNR

*³ Estimated; performed cooperatively with Research Cooperation-University of Hawaii (RC-UH)-Operation Miconia

*⁴ Performed cooperatively with US Army-Directorate of Public Works, TNC, Department of Forestry & Wildlife, US Fish & Wildlife Service, Board of Water Supply

*⁵ Estimated; performed cooperatively with Hawaii Department of Transportation (DOT)

*⁶ Estimated; performed cooperatively with City & County of Honolulu, DOT, DLNR

SEED REGULATORY ACTIVITIES FY 2001

Seed Importers Licenses Issued	46
Foreign Seed Lots Examined	72
Federal Seed Act - Rejections due to Prohibited Contaminants	3
Germination Tests Performed	18
Hawaii Seed Law - Seed Lots Germinating Below Standard	2
Hawaii Seed Law- Noxious Weed Seed Interceptions	
Lots rejected	1
Seed Tests Performed on Request	21
Seed Vendor Inspections Performed	26
Stop-Sale Orders Issued	0
Stop-Sale Orders Rescinded	0
Seed Certification	
Foundation Certifications Issued for Corn	210
Weight (lbs.)	2,608,437
Acres	1,464
Number of Certifications Canceled by Growers	25
Seed Regulatory Fees Collected	\$21,922



PLANT PEST CONTROL ACTIVITIES FY 2001

BANANA BUNCHY TOP PROJECT

Oahu:	
Number of mats tagged, commercial farms	2,874
Number of mats tagged, residential	266
Hawaii:	
Number of diseased plants rouged	175,000
Kauai:	
Number of diseased mats tagged	5

PAPAYA RINGSPOT VIRUS PROJECT

Hawaii:	
Number of diseased plants tagged	10,079
Oahu:	
Number of diseased plants tagged	18

CARIBBEAN FROG CONTROL

Oahu:	
Number of surveys conducted	21
Number of coqui frogs removed by hand	80 *

*Cooperative effort made with U.S. Department of Agriculture (USDA), U.S. Army, and other Volunteers

BENEFICIAL INSECT RELEASES FY 2001

YELLOW SUGARCANE APHID PROJECT	
<i>Lysiphlebus ambiguus</i> (Haliday)	55,170

SILVERLEAF WHITEFLY PROJECT	
<i>Encarsia hispida</i> De Santis	2,490
<i>Encarsia lutea</i> (Masi)	555
<i>Encarsia mineoi</i> Viggiani	5,690
<i>Encarsia pergandiella</i> Howard	3,440

CITRUS BLACKFLY PROJECT	
<i>Amitus hesperidum</i> Silvestri	122
<i>Encarsia opulenta</i> (Silvestri)	120,220 *

CITRUS LEAFMINER PROJECT	
<i>Ageniaspis citricola</i> Logvinovskaya	580 *

CLIDEMIA PROJECT	
<i>Liothrips urichi</i> Karny	100 *
<i>Lius poseidon</i> Napp	1,659 *
<i>Mompha trihalama</i> Meyrick	31 *

IVY GOURD PROJECT	
<i>Acythopeus burkhardtorum</i> O'Brien	998
<i>Acythopeus coccinae</i> O'Brien	18,696
<i>Melittia oedipus</i> Oberthur	122

*field-collected

IMPORT ACTIVITIES FY 2001

AIRPORTS AND HARBORS

	<u>Maritime</u>	<u>Airport</u>
Ship and aircraft arrivals	1,237	29,692
Passengers	1,308	5,327,086
Baggage, cargo and mail inspected (parcels)	6,816,933	6,948,619
Treated and released (parcels)	304	1,603
Safeguarded Materials (parcels)	175	105
Refused entry Materials (parcels)	1,706	195
Destroyed Materials (parcels)	2,064	4,137
Insect Interceptions	148	474
Insects not known in Hawaii	36	173
Violation Notices Issued	174	829
Import Permits Issued	1,212	
Post Entry Inspections	1,549	

DOG DETECTION PROGRAM

AIR TERMINAL	
Number of flights monitored	883
Number of passengers	208,497
Number of baggage inspected	1,505
Declared materials detected	448
Undeclared materials detected	0
Regulated materials detected at baggage, cargo and mail (parcels)	123
Parcels destroyed	10
Parcels treated & released	4
Parcels refused entry	1

UPS:

Total Pkgs. Surveyed	539,500
No. Pkgs. Selected	425
No. Pkgs. W/Ag. Materials	425
Total No. Pkgs. W/regulated items	5
Parcels destroyed	0
Parcels treated & released	0
Parcels refused entry	2

BROWN TREE SNAKE ACTIVITIES FY 2001

Civilian Aircraft from Guam	
Flights inspected	538
Parcels inspected	91,922
Personal vehicles inspected	0

Military Aircraft from Guam	
Flights inspected	311
Parcels inspected	91,922
Passengers inspected	0

Civilian Ships from Guam	
Ships inspected	1
Parcels inspected	0
Personal vehicles inspected	0

Military Ships from Guam	
Ships inspected	3
Parcels inspected	3,000
Equipment/Personal vehicles inspected	1

Training of Port-of-Entry Workers & Others	
Number of classes/displays	5
Number of people	45



EXPORT ACTIVITIES FY 2001

PLANT INSPECTION OFFICE	<u>U.S</u>	<u>Foreign</u>
Horticultural materials inspected & certified at PIO (parcels)	130,286	4,737
Horticultural materials treated & certified at PIO (parcels)	104	191
Fruits & vegetables safeguarded at PIO (parcels)	0	0
Phytosanitary certificates issued	1,182	347
NURSERY CERTIFICATIONS		
New certifications		33
Nursery inspections		632
Nursery certifications suspended		5
Nursery certifications terminated		13
Plants exported		2,928,152
BURROWING NEMATODE LABORATORY ACTIVITIES		
Lots of plant materials accepted		300
Test samples prepared		4,314
Parcels certified		30
Samples rejected		8
DISINFESTATION TREATMENT		
Treatments	MB	Dip
Parcels treated & certified	0	63
	0	193

INTERISLAND ACTIVITIES FY 2001

Ship, barge arrivals & departures monitored	686
Aircraft arrival & departures monitored	5,135
Baggage & Cargo inspected (parcels)	73,923
Restricted Materials rejected (parcels)	28
Materials treated & certified (parcels)	7

REVENUES FY 2001

Treatment fees	\$1,328.80
Burrowing Nematode Lab test fees	\$2,371.00
Nursery certification fees	\$20,314.00
Quarantine house rental fees	\$410.00
Phytosanitary fees	\$7,514.30
Permit User fees	\$14,035.00
Site Inspection fees	\$1,310.60
Total revenue	\$47,265.50

CITATIONS AND SUMMONS

Citation issued	17
Bail Forfeiture	\$6,225.00



COMMODITIES BRANCH ACTIVITIES FY 2001

CERTIFICATION SERVICE ACTIVITIES

Table with 2 columns: Activity and Amount. Rows include FFV Quality certification (1000 lb), Certificates issued, Fees assessed, Egg Quality certification (cases), Fees assessed, Processed Foods Certification, Canned pineapple certified (1000 cs), Fees assessed, Seafood inspection lots, Federal reimbursement, Coffee certification, green (1000 lb), Fees assessed, Other products, certificates issued, Fees assessed.

MEAT GRADING

Table with 2 columns: Activity and Amount. Row: Carcasses offered for grading.

EGG PRODUCTS INSPECTION ACT SURVEILLANCE

Table with 2 columns: Activity and Amount. Rows: Visits, Federal reimbursement.

COMMERCIAL FEED INSPECTION

Table with 2 columns: Activity and Amount. Rows: Labeling enforcement (lots), Store visits, Feed tonnage reported (tons), Fees assessed, Samples submitted for guarantee analysis, Samples analyzed for guarantee by UH/ADSC, Samples submitted for adulteration analysis, Penalty fees assessed, Registration fees assessed.

DEALER LICENSING

Table with 2 columns: Activity and Amount. Rows: Licenses issued, Fees collected.

SHELL EGG INSPECTION

Table with 2 columns: Activity and Amount. Rows: Origin stamp, imports (cases), Retail grade enforcement (dozen), Store visits.

FRESH FRUITS AND VEGETABLES

Table with 2 columns: Activity and Amount. Rows: Wholesale grade enforcement (1000 lb), Retail grade enforcements (lots), Store visits, Exports: Produce (1000 lb), Advertising: Number inspected.

CHEMICAL ANALYSIS LABORATORY

Table with 2 columns: Activity and Amount. Rows: Adulteration samples analyzed, Pesticides Branch samples analyzed.

MILK CONTROL

Table with 2 columns: Activity and Amount. Rows: Licenses issued (Producers, Processors and Distributors), Income (License fees collected and investment pool interest), Reimbursement to General Fund for labor supplied.



MEASUREMENT STANDARDS BRANCH ACTIVITIES FY 2001

STANDARDS AND TRADE PRACTICES ENFORCEMENT

Devices

Small capacity weighing devices (£400 LBS), Number registered.	6,877
Total tests.	1,929
Compliance rate (per cent).	88
Medium capacity weighing devices (>400 LBS & £2000 LBS), Number registered.	664
Total tests.	119
Compliance rate (per cent).	82
Large capacity weighing devices (>2000 Lbs).	505
Total tests.	37
Compliance rate (per cent).	76
Gasoline pumps, Number registered.	7,880
Total tests.	4,141
Compliance rate (per cent).	86
Taxi meters, Number registered.	2,105
Total tests.	540
Compliance rate (per cent).	89
Other linear measuring devices, Number registered.	246
Total tests.	255
Compliance rate (per cent).	86
Revenue from device registration.	\$163,420
Licensed Measuremasters.	150
Revenue from licensing Measuremasters.	\$17,525
Odometer tampering complaints investigated.	9
Gasoline samples tested for octane.	4
Compliance rate (per cent).	100