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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

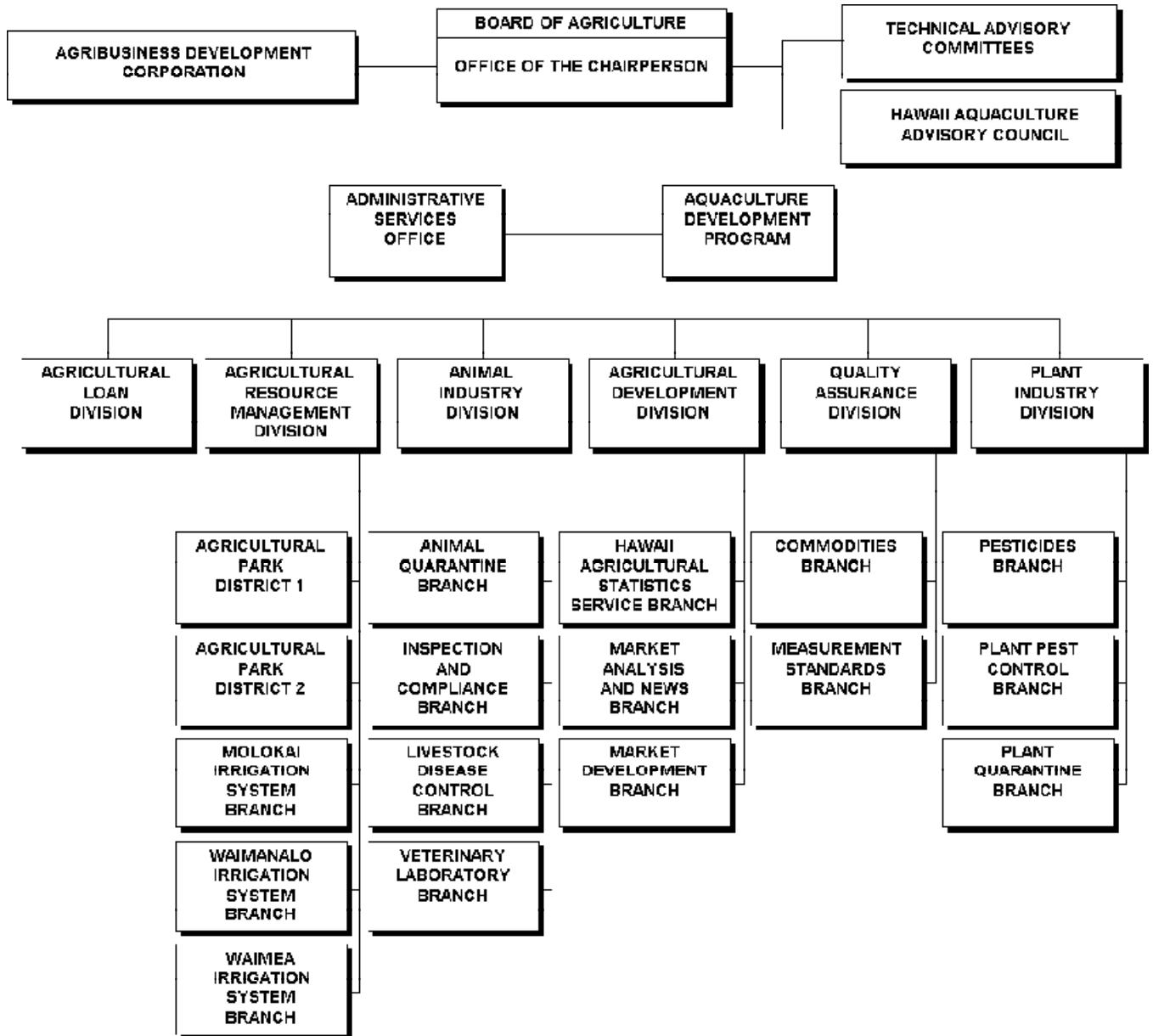
01/01 - present

DEPARTMENT OF AGRICULTURE OFFICE OF THE CHAIRPERSON



Letitia Uyehara
Deputy to
the
Chairperson

11/03/93 -
present





Financial Statement - General Fund FY 2002

FINANCIAL STATEMENT - GENERAL FUND (Operating Funds)
July 1, 2001 - June 30, 2002

Title of Fund	Appropriation		Restricted	Allocation 2001-2002	Personal Services	Other Current Expenses	Total Expenditures 2001-2002	Outstanding Encumbrances 06/30/02	Balance 06/30/02
	Fund Incl No.	Transfers 2001-2002							
AGR 122- PLANT PEST & DISEASE CONTROL									
Administration	122-0045	227,009		227,009	159,399	14,299	173,698	50,322	2,989
Plant Quarantine	122-0050	2,772,933		2,772,933	2,505,735	107,626	2,613,361	157,815	1,757
Plant Pest Control									
Biological Control	122-0060	834,942	(920)	834,022	663,642	66,380	730,022	94,399	9,601
Chemical Mechanical	122-0070	503,588		503,588	381,513	49,773	431,286	69,345	2,957
AGR 132 - ANIMAL DISEASE CONTROL									
Administration	132-0015	147,636		147,636	130,368	10,418	140,786	4,954	1,896
Livestock Disease Control	132-0017	316,913		316,913	237,055	42,194	279,249	37,289	375
Veterinary Laboratory	132-0025	541,724		541,724	408,345	91,691	500,036	37,961	3,727
Inspection & Compliance	132-0035	172,200		172,200	168,132	3,040	171,172	744	284
AGR 141 - AGRICULTURAL RESOURCE MANAGEMENT									
Administration	141-0009	274,408		274,408	127,927	144,593	272,520	919	969
Irrigation Systems	141-0011	246,000		246,000			0	245,469	531
Pumping of Water for the Molokai Irrigation System, Act 161/01	315-0011	100,000		100,000		100,000	100,000	0	0
AGR 151 - QUALITY & PRICE ASSURANCE									
Administration	151-0150	138,222		138,222	132,221	4,863	137,084	883	255
Commodities	151-0090	1,260,534	(54,092)	1,206,442	1,079,780	75,647	1,155,427	48,610	2,405
AGR 153 - AQUACULTURE DEVELOPMENT PROGRAM									
	153-0007	429,182		429,182	241,955	100,342	342,297	82,749	4,136
AGR 161 - AGRIBUSINESS DEVELOPMENT & RESEARCH									
Agricultural Research	161-0002	591,889	(2,723)	589,166	32,451	234,541	266,992	316,792	5,382
Agribusiness Develop. Corp.	161-0003	190,558		190,558		190,558	190,558	0	0
Agricultural Research & Development, Act 166/01	307-0002	500,000		500,000		475,000	475,000	25,000	0
Hawaii Agricultural Development, Act 208/01	316-0003	300,000		300,000		300,000	300,000	0	0
Pineapple Research, Act 197/01	317-0002	39,000		39,000		19,500	19,500	19,500	0
AGR 171 - AGRICULTURAL DEVELOPMENT & MARKETING									
Administration	171-0085	69,018		69,018	38,524	4,137	42,661	26,287	70
Market Development	171-0095	573,822		573,822	188,758	244,013	432,771	138,899	2,152
Hawaii Agricultural Statistics Services	171-0100	424,727		424,727	392,124	23,297	415,421	8,856	450
Market Analysis & News	171-0110	188,593	(10,716)	177,877	116,735	48,640	165,375	12,385	117
AGR 192 - GENERAL ADMINISTRATION									
Administration	192-0001	1,588,659		1,588,659	1,170,315	264,390	1,434,705	151,300	2,654
Protocol Fund	198-0001	2,500		2,500		1,689	1,689	743	68
AGR 812 - MEASUREMENT STANDARDS									
Measurement Standards	012-0120	691,897		691,897	469,567	60,610	530,177	159,328	2,392
AGR 846 - PESTICIDES									
	046-0075	704,238		704,238	639,027	11,838	650,865	51,720	1,653
TOTAL		13,830,192	(68,451)	13,761,741	9,283,573	2,689,079	11,972,652	1,742,269	46,820



FINANCIAL STATEMENT - SPECIAL FUNDS

July 1, 2001 - June 30, 2002

Title of Fund	Fund No.	Cash Balance 07/01/01	Transfers 2001-2002	Receipts 2001-2002	Personal Services	Other Current Expenses	Total Expenditures 2001-2002	Cash Balance 06/30/02	Outstanding Encumbrances 06/30/02
AGR 101 - FINANCIAL ASSISTANCE FOR AGRICULTURE									
Agricultural Loan Reserve Fund	S-301	6,155,038		1,547,853	567,315	308,619	875,934	6,826,957	203,797
Aquaculture Loan Reserve Fund	S-310	157,380	(186,000)	40,289			0	11,669	0
AGR 122 - PLANT PEST & DISEASE CONTROL									
Cooperative National Plant Pest Survey Program, Federal	S-201	4,089		6,500		9,079	9,079	1,510	402
Research & Development for the Brown Tree Snake, Federal	S-211	13,138		106,078	95,148	14,097	109,245	9,971	0
Decision Support System For Evaluating Threats of Invasive Birds Project, Federal	S-217	1,170					0	1,170	0
Kauai Alien Pest Plant Rapid Response Effort, Federal	S-218	147		12,813	752	9,297	10,049	2,911	0
Hawaii Brown Tree Snake Detector Program, Federal	S-219	101,753				53,901	53,901	47,852	68,753
Exploration for Biological Control of Melon Fly, Federal	S-226	0		29,608		24,608	24,608	5,000	0
Seed Sampling Processing Services, Federal	S-246	0		1,826		1,826	1,826	0	0
Plant Quarantine (Interagency Transfer)	S-314	24,766		20,657	7,937	25,219	33,156	12,267	79
AGR 131 - RABIES QUARANTINE									
Animal Quarantine	S-318	2,143,427		3,416,112	1,874,153	997,790	2,871,943	2,687,596	87,026
AGR 132 - ANIMAL DISEASE CONTROL									
Contribution of Animal Quarantine Holding Facility	S-316	2,618		232,067	234,667		234,667	18	0
AGR 141 - AGRICULTURAL RESOURCE MANAGEMENT									
FEMA-East Hawaii Flood, Fed.	S-291	0		46,386		349	349	46,037	44,632
Agricultural Park Special Fund	S-317	509,840		351,212	128,138	124,113	252,251	608,801	64,354
Agricultural Park Special Fund Escrow Account	S-327	91,561		3,710			0	95,271	0
AGR 151 - QUALITY & PRICE ASSURANCE									
Commodities, Egg Product Inspection Act, Federal	S-202	1,003		11,403	9,341	2,050	11,391	1,015	0
Commodities, Seafood Inspection Program, Federal	S-220	9		3,014	2,038	166	2,204	819	0
Commodities, Milk Control	S-315	264,926		184,202	125,283	43,458	168,741	280,387	3,537
AGR 153 - AQUACULTURE DEVELOPMENT PROGRAM									
Aquaculture Development, Federal	S-206	9,493		58,678	32,041	27,004	59,045	9,126	0
Aquaculture Development	S-328	20,098		9,120			0	29,218	0
AGR 161 - AGRIBUSINESS DEVELOPMENT & RESEARCH									
Maintenance & Operation of Kekaha Drainage System, Federal	S-224	34,857		1,065,127		1,068,340	1,068,340	31,644	799,245
AGR 171 - AGRICULTURAL DEVELOPMENT & MARKETING									
Agricultural Market Information System, Federal	S-212	0					0	0	0
AGR 192 - GENERAL ADMINISTRATION									
Promote Specialty Crops, Fed.S-225		0		1,652,862			0	1,652,862	0
AGR 846 - PESTICIDES									
EPA/DOA Pesticide Enforcement Program, Federal	S-205	104,921		360,856	79,647	241,084	320,731	145,046	567,868
Cooperative Pesticide Record-keeping Program, Federal	S-213	4,289		9,159	935	11,361	12,296	1,152	2,324
TOTAL		9,644,523	(186,000)	9,169,532	3,157,395	2,962,361	6,119,756	12,508,299	1,842,017



Financial Statement - Trust Funds FY 2002

FINANCIAL STATEMENT - TRUST FUNDS
July 1, 2001 - June 30, 2002

Title of Fund	Fund No.	Cash Balance 07/01/01	Receipts 2001-2002	Personal Services	Other Current Expenses	Total Expenditures 2001-2002	Cash Balance 06/30/02	Outstanding Encumbrances 06/30/02
AGR 122 - PLANT PEST & DISEASE CONTROL								
Contribution of Overtime, Plant Quarantine Inspection Temporary Deposit, Plant Industry (Bond for Animals)	T-902	19,815	357,312	326,775	22,745	349,520	27,607	5,172
Noxious Weed Control	T-918	6,453				0	6,453	0
AGR 151 - QUALITY & PRICE ASSURANCE								
Temporary Deposit, Marketing Producer's Settlement Fund	T-903 T-906	3,098 0	51,639 225,192		37,163 189,808	37,163 189,808	17,574 35,384	0 0
AGR 192 - GENERAL ADMINISTRATION								
Temporary Deposit	T-908	14,649	600		8,978	8,978	6,271	0
TOTAL		66,215	640,743	326,775	265,194	591,969	114,989	5,172

FINANCIAL STATEMENT - CIP FUNDS (General, Special and Revolving)
July 1, 2001 - June 30, 2002

Upcountry Maui Watershed, Maui, Act 328/97								
Lump Sum	S-97-270	525,000	525,000				0	525,000
Construction	S-97-276	163,000	999,459		940,711	27,831	968,542	30,917
Drainage, Waimanalo Irrigation System, Oahu, Act 91/99								
Construction	S-99-274	69,112	189,327		124,922		124,922	64,405
Lower Hamakua Ditch Watershed, Hawaii, Act 91/99								
Construction	S-99-279	53,102	1,500,000		1,325,679	121,219	1,446,898	53,102
Lower Hamakua Ditch Watershed, Hawaii, Act 91/99 (281/00)								
Lump Sum	S-00-270	1,500,000	1,500,000	(560,000)			0	940,000
Construction	S-00-274	0	0	560,000	113,735	382,702	496,437	63,563
Design & Construction	S-00-276	251,438	1,287,058		935,992	317,289	1,253,281	33,777
Construction	S-00-277	0	1,512,953		275,872	994,512	1,270,384	242,569
Upcountry Maui Watershed, Maui								
Design	S-00-278	0	50,000			50,000	50,000	0
Lower Hamakua Ditch Watershed, Hawaii								
Design	S-01-270	0	200,000			194,380	194,380	5,620
TOTAL		2,561,652	0 7,763,797	0	0 3,716,911	2,087,933	5,804,844	1,958,953



FINANCIAL STATEMENT - REVOLVING FUND

July 1, 2001 - June 30, 2002

Title of Fund	Fund No.	Cash		Receipts 2001-2002	Personal Services	Other Current Expenses	Total Expend 2001-2002	Cash Balance 06/30/02	Outstanding Encumb. 06/30/02
		Balance 07/01/01	Transfers 2001-2002						
AGR 101 - FINANCIAL ASSISTANCE FOR AGRICULTURE									
Agricultural Loan	S-303	8,652,049	(4,655,000)	4,124,659		2,091,945	2,091,945	6,029,763	1,925,125
Aquaculture Loan	S-311	233,899	316,000	115,380		265,000	265,000	400,279	234,000
Agricultural Enterprises on Kauai, Act 266/01	S-331	0	2,025,000			1,870,000	1,870,000	155,000	0
Aquaculture Enterprises on Kauai, Act 266/01	S-332	0	2,500,000				0	2,500,000	0
AGR 122 - PLANT PEST & DISEASE CONTROL									
Microorganism Import Permit Fund	S-313	0					0	0	0
Permit Revolving Fund	S-326	17,063		16,390		15,907	15,907	17,546	1,026
AGR 141 - AGRICULTURAL RESOURCE MANAGEMENT									
Irrigation Systems	S-320	221,989		900,602	404,613	307,419	712,032	410,559	148,013
AGR 151 - QUALITY & PRICE ASSURANCE									
Papaya Marketing Order	S-302	76					0	76	0
Coffee Inspection	S-323	62,402		41,148	29,409	581	29,990	73,560	1,473
AGR 161 - AGRIBUSINESS DEVELOPMENT & RESEARCH									
Agribusiness Development	S-307	454,225	(300,000)	628,056	183,174	57,060	240,234	542,047	36,603
Waiahole Water System	S-325	1,524,552		754,272	336,406	374,636	711,042	1,567,782	51,482
Operation and Maintenance of Agricultural Infrastructure on Kauai, Act 208/01	S-334	0	300,000			68,929	68,929	231,071	69,628
AGR 846 - PESTICIDES									
Pesticide Use Program	S-324	555,549		624,629	207,088	311,838	518,926	661,252	273,330
TOTAL		11,721,804	186,000	7,205,136	1,160,690	5,363,315	6,524,005	12,588,935	2,740,680



FINANCIAL STATEMENT - BOND FUND

July 1, 2001 - June 30, 2002

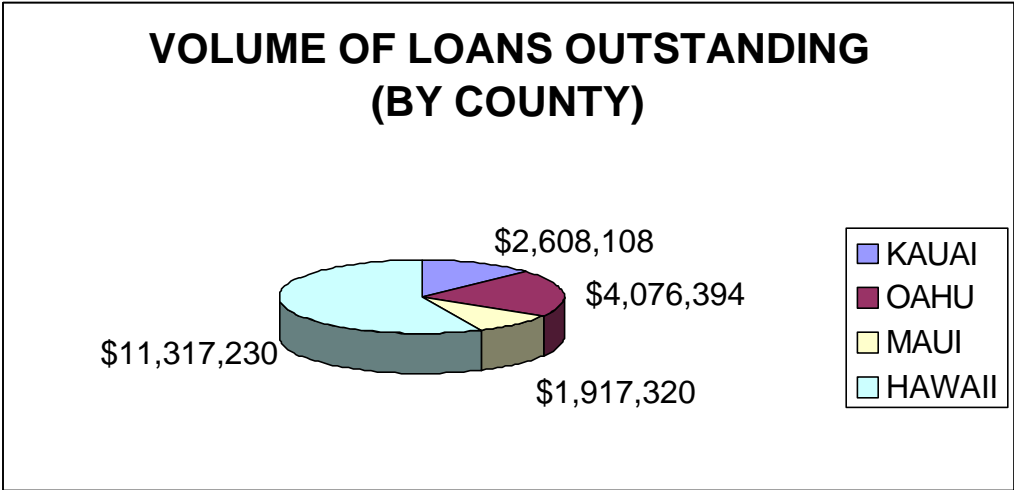
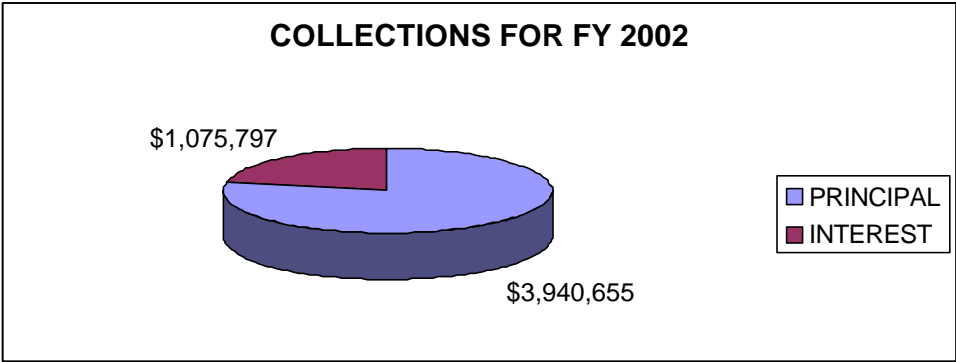
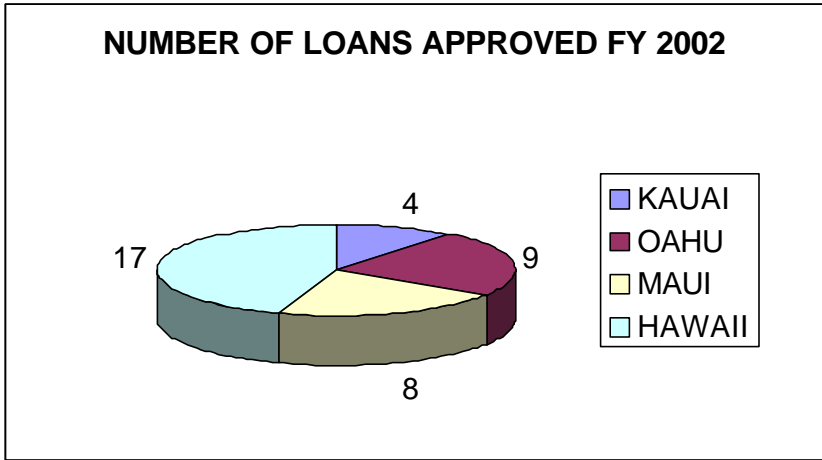
Title of Fund	Fund No.	Beg Bal/ Appr'n 2001-2002	Rever- sion	Allocation 2001-2002 (Incl O/S Enc)	Transfers	Lapses	Other Current Expenses	Outstand. Encumbr 06/30/02	Total Exp & Enc 2001-2002	Available Balance 06/30/02
Waianae Ag Park, Drainage Improvements - Oahu, Act 328/97										
Plans	B-97-402	0		27,080			108	26,972	27,080	0
Design	B-97-403	0		40,347				40,347	40,347	0
Upcountry Maui Watershed, Maui - Act 328/97										
Plans	B-97-406	73,170		73,273				73,173	73,173	100
Upcountry Maui Watershed, Maui - Act 328/97 (116/98)										
Design	B-97-407	19,525		19,525			2,389	13,351	15,740	3,785
Land	B-97-411	721		721				721	721	0
Land	B-97-800	27,000		27,000				27,000	27,000	0
Design	B-97-801	1,000		1,000					0	1,000
Construction	B-97-802	1,755,732		2,572,301			940,711	51,441	992,152	1,580,149
Waianae Ag Park, Drainage Improvements, Oahu - Act 328/97 (116/98)										
Design	B-98-400	0		28,284			3,833	24,451	28,284	0
Lower Hamakua Ditch Water Project, Hawaii - Act 328/97 (116/98)										
Planning	B-98-402	0		19			19		19	0
Design	B-98-403	0		29,745			23,445	6,300	29,745	0
Construction	B-98-404	535,280		716,415			305,235	405,737	710,972	5,443
Maunawili Ditch Improvements, Waimanalo, Oahu - Act 328/97 (116/98)										
Construction	B-98-405	0		86,001			49,988	36,013	86,001	0
Waiahole Water System, Act 111/98										
	B-98-412	0		751,780			328,247	423,533	751,780	0
Lower Hamakua Ditch Watershed Project, Hawaii - Act 116/98 (91/99)										
Land	B-98-413	0		10,000			10,000		10,000	0
Miscellaneous Health, Safety, Code Requirements, Statewide - Act 328/97 (116/98)										
Construction	B-98-800	0		120,790			53,555	67,235	120,790	0
Drainage Improvements, Waimanalo Irrigation System, Oahu - Act 91/99										
Plans	B-99-401	48,022		48,101			40		40	48,061
Land	B-99-402	25,000		25,000					0	25,000
Construction	B-99-404	93,834		214,049			124,921		124,921	89,128
Lower Hamakua Ditch Watershed Project, Hawaii - Act 91/99										
Plans	B-99-406	0		14,904			14,763	141	14,904	0
Land	B-99-407	75,000		75,000			17,000		17,000	58,000
Design	B-99-408	0		36,145			15,497	18,473	33,970	2,175
Construction	B-99-409	0		1,000,000			1,000,000		1,000,000	0
Wood Valley Agricultural Water System, Hawaii - Act 91/99										
Plans	B-99-410	2,000		2,000		(2,000)			0	0
Design	B-99-411	5,000		5,000		(5,000)			0	0
Construction	B-99-412	75,000		75,000		(75,000)			0	0
Agricultural Water System, Maui - Act 91/99										
Plans	B-99-413	200,000		200,000		(200,000)			0	0
Drainage Improvements, Waimanalo Irrigation System, Oahu - Act 91/99 (281/00)										
Construction	B-00-400	0		275,000			247,516		247,516	27,484
Lower Hamakua Ditch Watershed Project, Hawaii - Act 91/99 (281/00)										
Plans	B-00-402	16,984		19,189			11,259	2,646	13,905	5,284



FINANCIAL STATEMENT - BOND FUND (continued)

July 1, 2001 - June 30, 2002

Title of Fund	Fund No.	Beg Bal/ Appr'n 2001-2002	Rever- sion	Allocation 2001-2002 (Incl O/S Enc)	Transfers	Lapses	Other Current Expenses	Outstand. Encumbr 06/30/02	Total Exp & Enc 2001-2002	Available Balance 06/30/02
Lower Hamakua Ditch Watershed Project, Hawaii - Act 91/99 (Act 281/00)										
Land	B-00-403	50,000		50,000					0	50,000
Design	B-00-404	50,000		50,000					0	50,000
Construction	B-00-405	553,102		1,000,000			500,227	499,773	1,000,000	0
Wood Valley Agricultural Water System, Hawaii - Act 91/99 (Act 281/00)										
Construction	B-00-406	68,000		68,000		(68,000)			0	0
Lalamilo Pipeline, Waimea Irrigation, Hawaii - Act 281/00										
Construction	B-00-407	200,000		200,000				200,000	200,000	0
Plantation Irrigation/Drainage System Improvements, Statewide - Act 259/01										
Plans	B-01-400	430,000		430,000					0	430,000
Design	B-01-401	600,000		600,000					0	600,000
Construction	B-01-402	1,570,000		1,570,000					0	1,570,000
Equipment	B-01-403	400,000		400,000					0	400,000
Molokai Irrigation System Improvements, Molokai - Act 259/01										
Plans	B-01-404	200,000		200,000					0	200,000
Lower Hamakua Ditch Watershed, Hawaii - Act 259/01										
Plans	B-01-405	1,000		1,000					0	1,000
Land	B-01-406	1,000		1,000					0	1,000
Design	B-01-407	1,000		1,000					0	1,000
Construction	B-01-408	1,797,000		1,797,000				623,667	623,667	1,173,333
TOTAL		8,874,370	0	12,861,669	0	(350,000)	3,648,753	2,540,974	6,189,727	6,321,942





LEASE DISPOSITIONS FY 2002

LESSEE/LEASE NO.	USE	TAX MAP KEY	RENT	DISPOSITION	AG PARK
HAWAII DISTRICT					
Bushe, B. & Tamashiro-Bushe, J./ S-4428	Agriculture	1-5-116:14	2,500	Assignment	Pahoa
O'Leary, D./S-4848	Agriculture	7-3-49:31	450	Assignment	Keahole
Aldeza, J. & R./S-4430	Agriculture	1-5-116:16	2,298	Assignment	Pahoa
M. Nakamura Nursery, LLC/S-4758	Agriculture	2-2-56:37	2,005	Assignment	Panaewa
M. Nakamura Nursery, LLC/S-4759	Agriculture	2-2-56:38	2,000	Assignment	Panaewa
Shiigi, D.R., Trustee of the D.R. Shiigi Trust & Shiigi, S., Trustee of the S.H. Shiigi Trust/S-4748	Agriculture	2-2-56:27	1,205	Assignment	Panaewa
Hanson, W. & H./Rev. Permit 17	Agriculture	1-5-116:34 & 35	1,500	Award	Pahoa
Ohana 'Ike Ao/Rev. Permit 14	Processing/ Handling Facility	2-2-56:55	1,766	Canceled	Panaewa
MOLOKAI DISTRICT					
University of Hawaii/Rev. Permit 16	Agriculture	5-2-1:20	Gratis	Award	Molokai
Hawaii Tropical Plants, Inc./ Rev. Permit 18	Agriculture	5-2-1:18 5-2-1:19	4,740	Award	Molokai
Ginn, L./Rev. Permit 22	Agriculture	5-2-1:21	2,220	Award	Molokai
Molokai Ag Park, Inc./Rev. Permit 20	Agriculture	5-2-1:24	1,200	Award	Molokai
Schule, G./Rev. Permit 21	Agriculture	5-2-1:26 5-2-1:13	2,880	Award	Molokai
OAHU DISTRICT					
Hudson, M./S-1009	Agriculture	8-5-34:9	2,378	Assignment	Waianae
Estate of H. M. Okumura/ Rev. Permit 12	Bridge Ingress/ Egress/Mtnce.	4-1-25:36 (por)	Gratis	Renewed	Waimanalo
Martinez, E./Rev. Permit 10	Livestock/ Agriculture	4-1-10:69 (por)	1,200	Renewed	Governor's E.O. 1598
Hawaiian Sunshine Nursery, Inc./ Rev. Permit 15	Bridge Mtnce.	4-1-24:66 (por)	Gratis	Award	Waimanalo
Ameron Hawaii/Rev. Permit 13	Concrete Products Storage	9-1-31:26	24,000	Renewed	Kalaeloa



WAIMANALO IRRIGATION SYSTEM FY 2002

Month	Water Sold (Gallons)	Acreage Served	Assessment Charges	Water Charges
2001				
July	19,605,540	1,164	\$ 3,026.40	\$ 4,999.41
August	12,071,824	1,164	3,026.40	3,078.32
September	9,162,600	1,164	3,026.40	2,336.46
October	12,176,100	1,164	3,026.40	3,104.91
November	14,017,800	1,164	3,026.40	3,574.54
December	7,635,800	1,164	3,026.40	1,947.13
2002				
January	7,251,300	1,155	3,003.00	1,849.08
February	6,901,500	1,155	3,003.00	1,759.88
March	10,609,900	1,170	3,042.00	2,705.52
April	13,139,200	1,180	3,068.00	3,350.50
May	12,502,700	1,170	3,042.00	3,188.19
June	21,152,700	1,170	3,042.00	5,393.94
TOTAL	146,226,964	—	\$36,358.40	\$ 37,287.88

KEKAHA IRRIGATION SYSTEM FY 2002

Month	Water Sold (Gallons)	Acreage Served	Assessment Charges	Water Charges
2001				
July	0	28	\$ 64.50	\$ 0
August	0	28	64.50	0
September	0	28	64.50	0
October	0	28	64.50	0
November	0	28	64.50	0
December	0	28	64.50	0
2002				
January	0	28	64.50	0
February	0	28	64.50	0
March	0	28	64.50	0
April	0	28	64.50	0
May	0	28	64.50	0
June	4,949,800	28	2,952.00	1,583.94
TOTAL	4,949,800	—	\$3,661.50	\$1,583.94

KAHUKU AGRICULTURAL PARK IRRIGATION SYSTEM FY 2002

Month	Water Sold (Gallons)	Acreage Served	Assessment Charges	Water Charges
2001				
July	3,556,800	154	\$ 385.00	\$ 1,138.18
August	2,250,600	154	385.00	720.19
September	2,964,500	154	385.00	948.64
October	2,567,100	154	385.00	821.47
November	1,786,100	154	385.00	571.55
December	658,800	154	385.00	210.82
2002				
January	1,403,700	154	385.00	449.18
February	796,400	154	385.00	254.85
March	2,452,300	154	385.00	784.74
April	2,747,500	154	385.00	879.20
May	1,638,400	154	385.00	524.29
June	4,453,000	161	402.50	1,424.96
TOTAL	27,275,200	—	\$4,637.50	\$ 8,728.07

MOLOKAI IRRIGATION SYSTEM FY 2002

Month	Water Sold (Gallons)	Acreage Served	Assessment Charges	Water Charges
2001				
July	138,502,000	2,992	\$ 3,590.40	\$ 35,318.01
August	144,095,000	3,100	3,720.00	36,744.23
September	121,859,000	3,100	3,720.00	31,074.05
October	128,646,000	3,100	3,720.00	32,804.73
November	95,311,000	3,102	3,722.40	24,304.31
December	69,405,000	3,069	3,682.80	17,698.28
2002				
January	100,746,000	3,102	3,722.40	25,690.23
February	66,433,000	3,102	3,722.40	16,940.42
March	80,707,000	3,102	3,722.40	20,580.29
April	84,663,000	3,102	3,722.40	21,589.07
May	84,036,000	3,102	3,722.40	21,429.18
June	110,214,000	3,102	3,722.40	28,104.57
TOTAL	1,224,617,000	—	\$ 44,490.00	\$ 312,277.37


WAIMEA IRRIGATION SYSTEM FY 2002

Month	Water Sold (Gallons)	Acreage Served	Assessment Charges	Water Charges
LALAMILO SECTION				
2001				
July	39,030,000	284	667.40	9,952.65
August	28,756,000	284	667.40	7,332.78
September	38,363,000	284	667.40	9,783.00
October	35,869,000	284	667.40	9,746.67
November	21,800,000	284	667.40	5,559.11
December	15,956,000	284	667.40	4,068.84
2002				
January	10,376,000	284	667.40	2,645.88
February	14,634,000	284	667.40	3,731.73
March	14,224,000	284	667.40	3,627.20
April	31,915,000	284	667.40	8,138.33
May	13,421,000	284	667.40	3,422.42
June	24,452,000	284	667.40	6,235.34
Subtotal	288,796,000	—	\$ 8,008.80	\$ 74,243.95
HAWAIIAN HOMES				
2001				
July	3,059,000	160	\$ 376.00	\$ 780.12
August	1,363,000	160	376.00	347.64
September	1,024,000	160	376.00	261.18
October	2,463,000	160	376.00	628.13
November	1,185,000	160	376.00	302.25
December	568,000	160	376.00	144.91
2002				
January	592,000	160	376.00	150.96
February	565,000	160	376.00	144.12
March	718,000	160	376.00	183.18
April	1,423,000	160	376.00	362.97
May	906,000	160	376.00	231.10
June	1,410,000	170	399.50	359.62
Subtotal	15,276,000	—	\$ 4,535.50	\$ 3,896.18
PUUKAPU SECTION				
2001				
July	4,922,000	129	\$ 303.15	\$ 1,255.16
August	1,378,000	129	303.15	351.42
September	2,411,000	129	303.15	614.86
October	4,077,000	129	303.15	1,039.68
November	1,888,000	129	303.15	481.48
December	820,000	129	303.15	209.14
2002				
January	1,084,000	129	303.15	275.36
February	1,001,000	133	312.55	255.28
March	1,547,000	133	312.55	394.26
April	4,154,000	133	312.55	1,059.31
May	1,622,000	133	312.55	413.63
June	1,880,000	133	312.55	479.44
Subtotal	26,784,000	—	\$ 3,684.80	\$ 6,829.02
TOTAL	330,847,000	—	\$ 16,229.10	\$ 84,125.59



**ANIMAL IMPORTATION AND INSPECTION
FY 2002**

Armadillo	2
Baboon.....	1
Bird (Caged).....	4,606
Bird (Exotic)	11
Cat (Quarantine).....	1,946
Cattle	9
Chickens/Gamecocks	68
Chicks (Day Old)	282,684
Chinchilla	40
Chukar.....	250
Dog (Service)	53
Dog (Military)	25
Dog (Quarantine)	3,270
Dog/Cat (Australia, New Zealand, British Isles)	1,519
Duck	6
Goat	2,980
Guinea Pig	9
Hamster.....	78
Horse	251
Mice	11,413
Monkey	1
Pigeon	14
Rabbit	82
Rat	262
Sheep	18
Sloth.....	1
Swine	18,045
Tortoise	239
Turtle	2,325
TOTAL	330,208

Hatching Eggs (30 dozen per case)5,025 cs.

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

Investigations	8
Citations Issued	2
Written Warning Issued	181
Refused Entry: 4 Turtles, 1 Mouse, 4 Ducks, 6 Hatching Pheasant Eggs	

DISEASE SURVEILLANCE TESTING FY 2002

Disease	Infected Livestock					%
	Herds	Tested	Negative	Suspect	Reactor	Suspect/Reactor
BRUCELLOSIS						
Swine						
Domestic	1	1,224	1,186	1	37	3.10
Feral (captive)	0	26	26	0	0	0.00
Feral (wild)	2	26	23	0	3	11.54
Others**	0	6	6	0	0	0.00
Cattle						
Domestic	0	10,630	10,629	1	0	0.01
Feral	0	0	0	0	0	0.00
Others*	0	7	7	0	0	0.00
BRT						
Dairy Herd	0	10	10	0	0	0.00
ANAPLASMOSIS						
Cattle						
Domestic	0	5,751	5,751	0	0	0.00
Feral	0	0	0	0	0	0.00
Others	0	4	4	0	0	0.00
TUBERCULOSIS						
Cattle						
Domestic	0	6,078	6,078	0	0	0.00
Others**	0	6	6	0	0	0.00
PSEUDORABIES						
Swine						
Domestic	0	1,177	1,177	0	0	0.00
Feral (captive)	0	26	26	0	0	0.00
Feral (wild)	1	24	20	0	4	16.67
Others***	0	6	6	0	0	0.00

*Others include: Elk, Water Buffalo, Llama, Eland, Zebu
 **Others include: Water Buffalo, Warthog, Zebu
 ***Others include: Pot Bellied Pig, Warthog
 -Each island's feral swine population considered as a herd

**SPECIMEN EXAMINATIONS
BY VETERINARY LABORATORY FY 2002**

Type of Test	No. of Exams
Bacteriology.....	124
Parasitology	4,287
Serology	17,618
Histopathology	434
Virology	2,275
Necropsy	146
Submission of serum samples for Rabies Serology	3,936
Submission of brain samples for Rabies FA test	90



PESTICIDES BRANCH ACTIVITIES FOR FY 2002

INSPECTIONS

Producer Establishment Inspections	12
Samples	6
Market Surveillance Inspections	50
Samples	71
Agricultural Use Inspections	107
Samples	10
Worker Protection Standard Inspections	28
USDA Recordkeeping Inspections	50
Non-Agricultural Use Inspections	212
Samples	30
Import Inspections	11
Samples	17
Restricted-Use Dealer Inspections	23
Certified Applicator Records	162
Experimental Use Permit Inspections	7
Complaints	
Received	80
Investigated	64
Episodes	4
Single Purchase Permits Issued	0
Aerial Permits Issued	2

EDUCATION & CERTIFICATION ACTIVITIES

Private Applicators	
New certificates	45
Renewals	27
Examinations	143
Duplicates	2
Fees collected	\$1,595
Commercial Applicators	
New certificates	139
Renewals	77
Examinations	640
Duplicates	25
Fees collected	\$7,025
Consultative visits	125
Continuing Education Credit	
Course Applications Review	166
Presentations	24

REGISTRATION ACTIVITIES

Pesticides licensed	2,591
Fees collected	\$563,700
Dealer licenses issued	38
Fees collected	\$785
Special Local Need	
Registrations issued	11
Emergency Exemptions	2
Experimental-Use Permits issued	10

ENFORCEMENT ACTIVITIES

Warning Letters	45
Stop Sale Actions	0
Civil Complaints	51
Informal Settlement Meetings	32
Consent Agreements	34
Penalties Collected	\$36,975
Hearings Conducted	0

NOXIOUS WEED CONTROL ACTIVITIES FY 2002

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

	Island	Acres	
Fireweed	Kauai	5,004	*2
Fountaingrass	Mauai	32	*1
	Oahu	5,821	*5
	Lanai	55	*4
Miconia	Mauai	293	*3
	Oahu	17	*7
Thorny kiawe	Oahu	380	*6
	Kauai	125	*2

*1 Hawaii Department of Agriculture

*2 Estimated; HDOA, Kauai Invasive Species Committee, and Emergency Environmental Workforce (Research Cooperation-University of Hawaii)

*3 Estimated; infested acreage treated with herbicide; performed cooperatively with Department of Land & Natural Resources (DLNR)

*4 Estimated; performed cooperatively with The Nature Conservancy (TNC)

*5 Estimated; performed cooperatively with Oahu Invasive Species Committee (OISC) and Department of Transportation

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

*7 Performed cooperatively with OISC

SEED REGULATORY ACTIVITIES FY 2002

Seed Importers Licence Issued	43
Foreign Seed Lots Examined	76
Federal Seed Act - Rejections due to Prohibited Contaminants	1
Germination Tests Performed	25
Hawaii Seed Law - Seed Lots Germinating Below Standard	2
Hawaii Seed Law- Noxious Weed Seed Interceptions	
Lots rejected	0
Seed Tests Performed on Request	17
Seed Vendor Inspections Performed	28
Stop-Sale Orders Issued	0
Stop-Sale Orders Rescinded	0
Seed Certification	
Number of applications received for seed corn FY 02	459
Foundation/Hybrid Certifications Issued for Corn	501*
Weights(lbs.)	4,171,791*
Total Acres Applied For FY 02	1,973
Net Total Acres Certified For FY 02	1,867
Number of Certifications Canceled by Growers	23
Seed Regulatory Fees Collected	
Seed Certification	\$13,308
Test on Request	\$90
Seed License Fees	\$1,075

* Includes carry-overs from FY 2001.



PLANT PEST CONTROL ACTIVITIES FY 2002

BANANA BUNCHY TOP PROJECT

Oahu:	
Number of mats tagged, commercial farms	1,028
Number of mats tagged, residential	152
Hawaii:	
Number of diseased plants rouged	0
Kauai:	
Number of diseased mats tagged commercial farms	3
Number of mats tagged, residential	2

PAPAYA RINGSPOT VIRUS PROJECT

Hawaii:	
Number of diseased plants tagged	40,216
Oahu:	
Number of diseased plants tagged	0

CARIBBEAN FROG CONTROL

Oahu:	
Number of surveys conducted, estimated	100*
Number of coqui frogs removed by hand, estimated	200*

*Cooperative effort made with USDA, U.S. Army, farmers, and other Volunteers

BENEFICIAL INSECT RELEASES FY 2002

YELLOW SUGARCANE APHID PROJECT	
Lysiphlebus ambiguus (Haliday)	76,700
CITRUS BLACKFLY PROJECT	
Encarsia perplexa Huang and Polaszek	7,500 *
CITRUS LEAFMINER PROJECT	
Ageniaspis citricola Logvinovskaya	250 *
CLIDEMIA PROJECT	
Mompha trithalama Meyrick	3,654 *
IVY GOURD PROJECT	
Acythopeus burkhardtorum O'Brien	170
Acythopeus coccinae O'Brien	12,201
Melittia oedipus Oberthur	195

*field-collected

IMPORT ACTIVITIES FY 2002

AIRPORTS AND HARBORS

	TOTAL
Ship & Aircraft Arrivals	23,944
Passengers	4,004,744
Baggage, Cargo, and Mail inspected (parcels)	10,962,341
Treated and Released (parcels)	1,013
Safeguarded Material (parcels)	116
Refused Entry Material (parcels)	2,344
Destroyed Material (parcels)	1,787
Insect Interceptions	825
Insects Intercepted – confirmed not known in Hawaii	275
Violation Notices Issued	498
Import Permits Issued	1,157
Post Entry Inspections	1,760
Amnesty Bin (items deposited)	3,211
Amnesty Bin (regulated items deposited)	23
Investigative Activities	171

DOG DETECTION PROGRAM

AIR TERMINAL

Number of flights monitored	588
Number of passengers	129,784
Number of parcels with agricultural commodities detected	904
Declared materials detected	236
Undeclared materials detected	631
Regulated materials detected at baggage, cargo, and mail (parcels)	6
Parcels destroyed	5
Parcels treated & released	1
Parcels safeguarded	0
Parcels refused entry	0

BROWN TREE SNAKE ACTIVITIES FY 2002

Civilian Aircraft from Guam

Flights inspected	613
Parcels inspected	158,561
Personal vehicles inspected	2

Military Aircraft from Guam

Flights inspected	291
Parcels inspected	182,016
Passengers inspected	6,048
Equipment/vehicles inspected	5

Commercial/Private Ships from Guam

Ships inspected	0
Parcels inspected	0
Personal vehicles inspected	0

Military Ships from Guam

Ships inspected	5
Parcels inspected	0
Equipment/vehicles inspected	0

Training of Port-of-Entry Workers & Others

Number of classes/displays	5
Number of workers	277



EXPORT ACTIVITIES FY 2002

PLANT INSPECTION OFFICE	U. S.	Foreign
Horticultural material inspected & certified at PIO (parcels)	128,247	7,028
Horticultural material treated & certified at PIO (parcels)	1,225	82
Phytosanitary certificates issued	1,602	315

NURSERY CERTIFICATIONS

New certifications	22
Nursery inspections	547
Nursery certification suspended	3
Nursery certification terminated	14
Plants exported	3,097,150

BURROWING NEMATODE LABORATORY ACTIVITIES

Lots of plant material accepted	269
Test samples prepared	2,887
Parcels certified	49
Samples rejected	4

DISINFESTATION TREATMENT

Treatments	55
Parcels treated & certified	79

INTER-ISLAND ACTIVITIES FY 2002

Ship, barge, arrival & departures monitored	531
Aircraft arrival & departures monitored	4,360
Baggage & cargo inspected (parcels)	75,334
Restricted material rejected (parcels)	18

REVENUES FY 2002

Treatment fees	\$1,206.90
Burrowing nematode laboratory test fees	\$1,894.00
Nursery certification fees	\$20,079.44
Quarantine house rental fees	\$470.00
Permit fees	\$13,700.00
Site Inspection fees	\$1,108.63
Office Misc.	\$354.10
Phytosanitary fees	\$1,179.40
TOTAL REVENUE	\$39,992.47

CITATIONS AND SUMMONS FY 2002

Citations issued	6
Bail forfeiture*	\$1,900.00

* data incomplete due to pending court cases, etc.

EDUCATIONAL ACTIVITIES FY 2002

Talks and tours of Plant Quarantine Station	54
Individuals receiving talks and tours	3,478



COMMODITIES BRANCH ACTIVITIES FY 2002

CERTIFICATION SERVICE ACTIVITIES

FFV Quality certification (1000 lb)	2,890
Certificates issued	695
Fees assessed	\$29,557
Egg Quality certification (cases)	91,638
Fees assessed	\$74,463
Processed Foods Certification	
Canned pineapple certified (1000 cs)	845
Fees assessed	\$167,655
Seafood inspection visits	57
Federal reimbursement	\$3,506
Coffee certification, green (1000 lb)	6,086
Fees assessed	\$71,154
Other products, certificates issued	28
Fees assessed	\$2,550

EGG PRODUCTS INSPECTION ACT SURVEILLANCE

Visits	73
Federal reimbursement	\$12,305

MEAT GRADING

Carcasses Graded	34
Fees Assessed	\$475

COMMERCIAL FEED INSPECTION

Labeling enforcement (lots)	378
Store visits	105
Feed tonnage reported (tons)	146,004
Fees assessed	\$43,269
Samples submitted for guarantee analysis	100
Samples analyzed for guarantee by UH/ADSC	85
Samples submitted for adulteration analysis	293
Penalty fees assessed	\$82
Registration fees assessed	\$730

DEALER LICENSING

Licenses issued	992
Fees collected	\$5,205

SHELL EGG INSPECTION

Origin stamp, imports (cases)	403,965
Retail grade enforcement (dozen)	41,696
Store visits	316

FRESH FRUITS AND VEGETABLES

Wholesale grade enforcement (1000 lb)	3,935
Retail grade enforcements (lots)	16,703
Store visits	261
Exports: Produce (1000 lb)	1,238
Advertising: Number inspected	9,463

CHEMICAL ANALYSIS LABORATORY

Adulteration samples analyzed	294
Pesticides Branch samples analyzed	189
Other agency samples analyzed	11

MILK CONTROL SUPPORT

Reimbursement assessed	\$13,239
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MEASUREMENT STANDARDS BRANCH ACTIVITIES FY 2002

STANDARDS AND TECHNICAL SERVICES

Metrology

Mass standards calibrated	
Enforcement standards	522
Test standards	75
Field standards	436
Total units tested	1033
Volumetric standards calibrated	
Test standards	1
Field standards	10
Total units tested	11

STANDARDS AND TRADE PRACTICES ENFORCEMENT

Devices

Small capacity weighing devices (£400 LBS), Number registered	7,203
Total tests	3,442
Compliance rate (percent)	85.2
Medium capacity weighing devices (>400 LBS & £2000 LBS),	
Number registered	689
Total tests	383
Compliance rate (percent)	87.2
Large capacity weighing devices (>2000 Lbs)	
Total tests	106
Compliance rate (percent)	85.8
Gasoline pumps, Number registered	7,703
Total tests	5,505
Compliance rate (percent)	87.8
Taxi meters, Number registered	2,043
Total tests	2,408
Compliance rate (percent)	90.2
Other linear measuring devices, Number registered	254
Total tests	159
Compliance rate (percent)	99.4
Revenue from device registration	\$166,520
Licensed Measuremasters	224
Revenue from licensing Measuremasters	\$ 12,900
Odometer tampering complaints investigated	4
Packages inspected for content (thousands)	120
Lots inspected	168
Compliance rate (percent)	97
Line Audits	4
Package labels inspected	1,669
Compliance rate (percent)	100
Labels submitted for review	119
Acceptance rate (percent)	38
Price verification	
Number of stores visited to identify businesses	
subject to price verification inspection	685
Number of stores added to list of businesses	
subject to price verification inspection	149
Number of store inspections	203
Total items audited	8,750
Percent of stores meeting minimum tolerance (£2% overcharges)	93
Packaging and labeling complaints received and resolved	11