

Enterprise Budgets

List of Available Cost of Production Data ^{1/}

#	Commodity / Subject	Title of Reference	Type of Reference	Author ^{2/}	Date	Pages	Type of Data
1	Agroforestry	Agroforestry Guides for Pacific Islands	Guidebooks	Elevitch	2000	239	<ul style="list-style-type: none"> • agroforestry production info for Pacific • practitioner resources • economics of farm forestry Available at the following website: http://www.agroforestry.net .
2	Alfalfa	A Study of the Economic Feasibility of Producing, Harvesting, & Marketing Alfalfa on Molokai, Hawaii	Miscellaneous Publication 160	CES	July 1978	57	<ul style="list-style-type: none"> • feasibility analysis • cost of production
3	Alfalfa	The Feasibility of Alfalfa on Molokai	Departmental Paper 6	Experiment Station UH	Feb 1973	4	<ul style="list-style-type: none"> • factors limiting feasibility • potential for production on Molokai
4	Alternative Crops	Alternative Crops for Hawaii: A Bibliography of Methodologies for Screening	Research Extension Series 062	CTAHR	Dec 1985	19	<ul style="list-style-type: none"> • bibliography of publications relating to screening methodology and crop-economic database
5	Anthurium	Cost Study of Anthurium Production in the Paho - Mt. View Areas on the Island of Hawaii for the Year 1977	Farm Management Report No. 1	CES	October 1978	6	<ul style="list-style-type: none"> • average costs of 7 growers
6	Avocado	Avocado	Economic Fact Sheet #15	UH	Sept 1991	4	<ul style="list-style-type: none"> • species and cultivars • productivity • uses and products • world supply and demand • U.S. market • other markets • production in Hawaii (farms, production areas, value, exports)
7	Banana	Banana	Economic Fact Sheet #11	UH	Nov 1990	4	<ul style="list-style-type: none"> • varieties • productivity • uses and products • world supply and demand • selected markets • production in Hawaii (farms, production amounts and areas, value, price, market supply, diseases, local identity)
8	Banana	The Economics of Commercial Banana Production in Hawaii	AgriBusiness Number 8	CES	May 1994	6	<ul style="list-style-type: none"> • Hawaii production data • costs and returns of production
9	Cabbage, Head	Head Cabbage Cost of Production Fact Sheet	Fact Sheet	UH	Sept 1993	2	<ul style="list-style-type: none"> • cost and returns estimate
10	Cabbage, Mustard	Mustard Cabbage	Home Garden Vegetable Series No. 10	CES	Nov 1978	2	<ul style="list-style-type: none"> • varieties • production practices
11	Cabbage	Production Costs of Selected Vegetable Crops in Hawaii (Cabbage, Cucumber, Green Onion, and Lettuce)	AgriBusiness AB-13	CES	Nov. 1999	8	<ul style="list-style-type: none"> • http://www2.ctahr.hawaii.edu/biosystems/budget/AB-13.pdf
12	Cacao/Cocoa	Cacao/Cocoa	Economic Fact Sheet #4	UH	Sept 1989	4	<ul style="list-style-type: none"> • species • productivity • uses and products • world supply and demand • demand • selected markets • production in Hawaii (history of production, recent test farms, potential marketing)
13	Carnation	Maui Carnation Cost Studies - 1969	Unknown	Unknown	1969	3	<ul style="list-style-type: none"> • cost and returns estimate

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14	Carrots	Carrots	Home Garden Vegetable Series No. 1	CES	March 1978	2	<ul style="list-style-type: none"> • climatic requirements • varieties • production practices
15	Cashew	Cashew (nut)	Economic Fact Sheet #6	UH	Dec 1989	4	<ul style="list-style-type: none"> • species and varieties • uses and products • productivity • world supply and demand • U.S. market
16	Cattle, Alternative Marketing Structures	Alternative Marketing Structures for The Hawaii Beef Cattle Industry	Information Text Series 010	UH	Dec 1982	35	<ul style="list-style-type: none"> • limitations, advantages, and efficiency of current and alternative beef cattle marketing arrangements
17	Cattle, Marketing	A Description of the Market Organization of the Hawaii Beef Cattle Industry	Information Text Series 011	UH	Dec 1982	54	<ul style="list-style-type: none"> • beef production trends • market supply history • current industry market structure • id's factors to consider when various alternative marketing options are developed
18	Cattle, Marketing	Beef Marketing in Hawaii -- An Overview	Information Text Series 009	UH	Aug 1982	12	<ul style="list-style-type: none"> • description of the current beef marketing system in Hawaii
19	Cattle	Weaned Calf Decision Analysis	Information Text Series 012	UH	May 1983	12	<ul style="list-style-type: none"> • description of a computer program that evaluates the various marketing alternatives for weaned calves in Hawaii
20	Cauliflower	Cauliflower	Home Garden Vegetable Series No. 7	CES	Oct 1978	2	<ul style="list-style-type: none"> • climatic requirements • varieties • production practices
21	Coffee	The Economics of Producing Coffee in Kona	AgriBusiness, No. 11	CES	July 1998	5	<ul style="list-style-type: none"> • Kona coffee production costs and returns
22	Coffee	Coffee	Economic Fact Sheet #2	UH	July 1989	4	<ul style="list-style-type: none"> • species • productivity • uses and products • world supply and demand • selected markets • production in Hawaii (farms, acres, values, markets, and areas of production)
23	Coffee	Kona Coffee Production Costs & Returns	CES draft computer program run	CES	June 1992	2	<ul style="list-style-type: none"> • cost and returns estimate
24	Coffee	Growing Coffee in Hawaii		CES			<ul style="list-style-type: none"> • cultural practices
25	Corn	Effects of Increasing Population Density on the Production of Corn in Hawaii	Research Series 013	UH	July 1983	15	<ul style="list-style-type: none"> • describes effects of different plant densities on corn grain, stover, and silage yields
26	Corn	Resource Requirements and Costs for Corn Production in Hawaii	CTAHR Research Series 020	UH	Feb 1983	48	<ul style="list-style-type: none"> • describes resources required and costs involved in corn grain and silage production in Hawaii
27	Corn	Sweet Corn Cost of Production Fact Sheet	UH Publication	UH	Sept 1993	2	<ul style="list-style-type: none"> • costs and returns of sweet corn production
28	Corn, for Dairy Silage	The Economic Feasibility of Growing Taro in Rotation with Field Corn for Dairy Silage on the Island of Kauai	CTAHR Research Extension Series 061	UH	Nov 1985	23	<ul style="list-style-type: none"> • economic feasibility study
29	Cucumber	Cost Study of Cucumber Production in the Hamakua Area (Hawaii County)	CES Farm Management Report No. 5	CES	July 1979	6	<ul style="list-style-type: none"> • case study cost and returns of cucumber production
30	Cucumber	Cucumber	Home Garden Vegetable Series No. 17	CES	Jan 1979	2	<ul style="list-style-type: none"> • climatic requirements • varieties to plant • production practices

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31	Cucumber	Cucumber Production	CES Commodity Fact Sheet CU-3(A)	CES	Aug 1981	4	<ul style="list-style-type: none"> varieties planting and culture lime and fertilizer requirements pest control harvesting
32	Cucumber	Recommended Cultural Practices for Cucumber Production in Molokai	Article in Vegetable Crops Update, Volume 7, No. 2	CES	August 1997	1	<ul style="list-style-type: none"> cultural practices
33	Cabbage	Production Costs of Selected Vegetable Crops in Hawaii (Cabbage, Cucumber, Green Onion, and Lettuce)	AgriBusiness AB-13	CES	Nov. 1999	8	<ul style="list-style-type: none"> http://www2.ctahr.hawaii.edu/biosystems/budget/AB-13.pdf
34	Dairy Production	The Economics of Using Bovine Somatotropin (bST) for Dairy Production in Hawaii	AgriBusiness, Number 6	CES	March 1994	6	<ul style="list-style-type: none"> analysis of benefits and costs of using bST (protein) as a supplement to increase milk production
35	Dairy	1991 Dairy Cost of Production in Hawaii	CES	CES	1991	5	<ul style="list-style-type: none"> average costs and returns of producing milk
36	Dairy, Intensive Rotational Stocking	Dairy Farmer Profitability Using Intensive Rotational Stocking	NRCS publication	NRCS	Sept 1996	16	<ul style="list-style-type: none"> results of survey of dairy farms in Pennsylvania benefits and costs
37	Dairy Silage	The Economic Feasibility of Growing Taro in Rotation with Field Corn for Dairy Silage on the Island of Kauai	CTAHR Research Extension Series 061	UH	Nov 1985	23	<ul style="list-style-type: none"> economic feasibility study
38	Dendrobium	Dendrobium	Economic Fact Sheet #13	CTAHR	April 1991	4	<ul style="list-style-type: none"> species and cultivars productivity products and uses world supply and demand selected market production in Hawaii (sales value, production area, exports, initial capital requirement, diseases)
39	Dendrobium	Investment Analysis of Dendrobiums	Research Extension Series 008	CTAHR	Aug 1981	8	<ul style="list-style-type: none"> feasibility study provides info to potential producers
40	Dendrobium	Growing Dendrobium Orchids in Hawaii		CTAHR			<ul style="list-style-type: none"> cultural practices
41	Fish, Ornamental	Market Situation for Hawaii-Farmed Ornamental Fish	Economic Fact Sheet #26	CES	August 1998	2	<ul style="list-style-type: none"> Hawaii, U.S. and foreign market and production data
42	Fishponds	The Economics of Revitalizing Hawaiian Fishpond Production	AgriBusiness, Number 9	CES	Feb 1995	6	<ul style="list-style-type: none"> history economic considerations costs and returns of production
43	Forestry	CTHAR Hawaii Forestry Information Database Website	Website	CTAHR	N/A	N/A	<ul style="list-style-type: none"> http://www2.ctahr.hawaii.edu/forestry/index.asp
44	Forest Industry	Estimating the Impacts of Increased Forest Industry Outputs on the Hawaiian Economy by Using Input-Output Analysis	Research Series 019	CTAHR	April 1985	32	<ul style="list-style-type: none"> impact of two levels of new forest plantations on the Hawaiian economy
45	Forest Products Investment	Hawaii Forestry Investment Memorandum and Appendices (separate documents)	N/A	DBEDT & DLNR	Aug 1994	42	<ul style="list-style-type: none"> capital requirements and profitability of a medium density fiberboard mill chip export manufacturing aspects and cost for a chipmill
46	Forest Products Systems	Optimization of Integrated Forest Products Systems	Final Report	CTAHR	May 1995	50+	<ul style="list-style-type: none"> net return estimates of optimized integrated forest products operations for Hamakua and Waialua plantation

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47	Forestry, Woodchips	An Economic Analysis of Hawaii Eucalypt Woodchip Production for Export	Research Series 023	UH	Dec 1982	36	<ul style="list-style-type: none"> examination of the future pulpwood requirements in Japan market potential for Hawaii-produced eucalypt woodchips economic feasibility of private woodchip production on Big Island
48	Forest, Non-Timber Benefits	To See the Forest for the Trees: A Guide to Non-Timber Forest Benefits	Environment Department Paper, Paper No. 013	The World Bank	July 1995	32	<ul style="list-style-type: none"> literature review of non-timber forest benefits and develops a framework for including it in project analysis
49	Forest, Eucalyptus	Short-Rotation Management of Eucalyptus		BioEnergy Dev. Corp.			<ul style="list-style-type: none"> techniques for seedling production site preparation weed control planting other production info
50	Fruit Freeze-Drying and Dehydration	Economic Feasibility Studies: 1. Vacuum-Puff Freeze-Drying of Fruit Juice Products, 2. Osmovac-Dehydration of Piece-Form Fruit Products	Research Bulletin 183	UH	Dec 1981	61	<ul style="list-style-type: none"> economic feasibility study of two dehydration process for tropical fruit products
51	Fruit Marketing	A Market Study for Exporting Hawaii's Tropical and Specialty Fruits to Canada	study	DOA	1995	75	<ul style="list-style-type: none"> current production and market conditions in Hawaii opportunities to export to Canada
52	Ginger Root	Economics of Ginger Root Production in Hawaii	AgriBusiness, No. 12	CES	Dec 1998	7	<ul style="list-style-type: none"> cost and returns spreadsheet
53	Ginger Root	Ginger Root	Economic Fact Sheet #19	UH	Jan 1993	4	<ul style="list-style-type: none"> species and cultivars productivity products and uses world supply and demand selected markets production in Hawaii (production areas and amounts, value, price, annual operating cost, exports, seasonal oversupply problem)
54	Ginger Root	Ginger Root Production in Hawaii	Commodity Fact Sheet GIN-3(A)	UH	June 1992	4	<ul style="list-style-type: none"> cultural practices
55	Ginger	Cost Study of Ginger Production in Hilo	Farm Management Report No. 6	CES	Oct 1979	4	<ul style="list-style-type: none"> cost of production
55	Grazing, Intensive	Economics of Intensive Grazing: A Case in Hawaii	Research Extension Series 045	UH	July 1984	7	<ul style="list-style-type: none"> evaluation of the profitability of the changeover to intensive grazing for a case study stocker steer operation
56	Guava	Guava (<i>Psidium guajava</i> L.) In Hawaii - History and Production	Research Extension Series 035	UH	June 1983	28	<ul style="list-style-type: none"> history climatic requirements propagation orchard management cultivars pest control profitability outlook
57	Guava	Hawaii's Guava Industry		DPED	Jan 1981	72	<ul style="list-style-type: none"> research report of the current status of the guava industry cost of production
58	Import, Replacement Impact	Estimated Impact on Hawaii's Economy of Replacing Selected Fresh Vegetable and Fruit Imports	Economic Fact Sheet #20	UH	July 1993	4	<ul style="list-style-type: none"> update of 1990 fact sheet potential impacts on the local economy if local producers were to replace imports of selected fresh vegetables and fruits increases in output, income, & employment

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59	Import, Replacement Impact	Estimated Impact on Hawaii's Economy of Replacing Selected Fresh Vegetable and Fruit Imports	Economic Fact Sheet #7	UH	May 1990	4	<ul style="list-style-type: none"> potential impacts on the local economy if local producers were to replace imports of selected fresh vegetables and fruits impacts measured as: increases in output, income, and employment
60	Koa	The Economics of Commercial Koa Culture in Hawaii	County of Hawaii	Loudat and Kanter	Mar 1996	37	<ul style="list-style-type: none"> koa production processes and systems production costs expected revenues
61	Lettuce	Production Costs of Selected Vegetable Crops in Hawaii (Cabbage, Cucumber, Green Onion, and Lettuce)	AgriBusiness AB-13	CES	Nov. 1999	8	<ul style="list-style-type: none"> http://www2.ctahr.hawaii.edu/biosystems/budget/AB-13.pdf
62	Lychee	Lychee	Economic Fact Sheet #12	UH	Feb 1991	4	<ul style="list-style-type: none"> species and cultivars productivity products and uses world supply and demand selected market production in Hawaii (production history, imports, exports, potential markets, production constraints)
63	Macadamia	Bibliography of Macadamia	Research Report 247	CTAHR	May 1984	94	<ul style="list-style-type: none"> bibliography by author and subject
64	Macadamia Nut	Macadamia Nut	Economic Fact Sheet #9	UH	Sept 1990	4	<ul style="list-style-type: none"> species and varieties productivity uses and products world supply selected markets
65	Macadamia Nut	Macadamia Nuts In Hawaii: History and Production	Research Extension Series 039	CTAHR	April 1984	91	<ul style="list-style-type: none"> history profitability cultivation requirements processing marketing
66	Macadamia Nut	The Economics of Commercial Macadamia Nut Production in Hawaii	AgriBusiness, Number 10	CES	May 1996	6	<ul style="list-style-type: none"> Hawaii production data costs and returns model
67	Mango	Mango	Economic Fact Sheet #16	UH	Nov 1991	4	<ul style="list-style-type: none"> species and cultivars productivity uses and products world supply and demand U.S. market selected markets production in Hawaii (acres, markets, quarantine restrictions, diseases)
68	Oyster Aquaculture	An Overview of Land-based Oyster Aquaculture in Hawaii	Research Extension Series 029	UH	April 1983	24	<ul style="list-style-type: none"> description of land-based oyster aquaculture as it is practiced in Hawaii assessment of problems
69	Onions, Bulb	Bulb Onion Production in Hawaii		CTAHR			<ul style="list-style-type: none"> guide to bulb onion production in Hawaii
70	Onions, Green	Production Costs of Selected Vegetable Crops in Hawaii (Cabbage, Cucumber, Green Onion, and Lettuce)	AgriBusiness AB-13	CES	Nov. 1999	8	<ul style="list-style-type: none"> http://www2.ctahr.hawaii.edu/biosystems/budget/AB-13.pdf

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71	Papaya	Papaya	Economic Fact Sheet #10	UH	Oct 1990	4	<ul style="list-style-type: none"> • varieties • productivity • uses and products • world supply • selected markets • production in Hawaii (value, production amounts and areas, price, market supply, exports, fruit fly problem, grading)
72	Papaya	The Economic Viability of Papaya Farms in the Puna District	Research Series 027	HITAGR	Feb 1984	58	<ul style="list-style-type: none"> • economic viability of a 5-, a 10-, and a 50-acre farm
73	Pepper	Pepper (berries for spice)	Economic Fact Sheet #5	UH	Oct 1989	4	<ul style="list-style-type: none"> • species and varieties • products and uses • productivity • world supply and demand • U.S. market
74	Pili Nut	Pili Nut	Economic Fact Sheet #17	UH	June 1992	4	<ul style="list-style-type: none"> • species • productivity • uses and products • world supply and demand • selected nut markets
75	Pineapple Forage	Feasibility of Growing Pineapple Forage on Molokai for Sale to Oahu Cattle Producers	Departmental Paper 33	UH Experiment Station	Mar 1976	12	<ul style="list-style-type: none"> • yields • cost analyses • competitive position • potential market
76	Prawn	The Hawaiian Prawn Industry, A Profile	N/A	DPED	Dec 1979	32	<ul style="list-style-type: none"> • production and distribution characteristics
77	Shrimp	Shrimp	Economic Fact Sheet #3	UH	July 1989	4	<ul style="list-style-type: none"> • species • productivity • products • world supply and demand • selected markets • production in Hawaii (value, production, farm size, yields, imports)
78	Swine	Economic analysis of size and feed type of swine production in Hawaii	Article in Swine Health and Production, Volume 5, Number 3	UH	June 1997	8	<ul style="list-style-type: none"> • examination of profitability of Hawaii swine production and the potential for future expansion
79	Swine	Production economics of the swine industry in Hawaii	Research Extension Series 163	UH	Mar 1996	34	<ul style="list-style-type: none"> • local production information • history • average costs and returns by farm size
80	Swine	Productive efficiency of the swine industry in Hawaii	Research Series 077	UH	Dec 1996	24	<ul style="list-style-type: none"> • examination of productive efficiency to suggest ways to improve producers' performance • estimate the "best practice" for swine production
81	Taro	Taro	Economic Fact Sheet #1	UH	June 1989	4	<ul style="list-style-type: none"> • species • productivity • uses and products • world supply and demand • U.S. market • production in Hawaii (farms, acres, value, yields, imports, and exports)
82	Taro, Field Corn Rotation	The Economic Feasibility of Growing Taro in Rotation with Field Corn for Dairy Silage on the Island of Kauai	CTAHR Research Extension Series 061	UH	Nov 1985	23	<ul style="list-style-type: none"> • economic feasibility study

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83	Taro, Wetland	The Economics of Commercial Wetland Taro Production in Hawaii	AgriBusiness, No. 7	CES	April 1994	4	<ul style="list-style-type: none"> production data production areas cost of production
84	Taro	Taro Mauka to Makai		CTAHR			<ul style="list-style-type: none"> production info business guide for growers
85	Tea	Tea	Economic Fact Sheet #8	UH	Aug 1990	4	<ul style="list-style-type: none"> species and varieties productivity uses and products world supply and demand selected markets production in Hawaii (history of production, recent plantings, imports, potential marketing)
86	Value Added	What is Value Added?	Economic Fact Sheet #14	UH	June 1991	4	<ul style="list-style-type: none"> definition of value added illustration of its proper uses
87	Vegetable Crops	Production Costs of Selected Vegetable Crops in Hawaii (Cabbage, Cucumber, Green Onion, and Lettuce)	AgriBusiness AB-13	CES	Nov. 1999	8	<ul style="list-style-type: none"> http://www2.ctahr.hawaii.edu/biosystems/budget/AB-13.pdf
88	Vegetable Crop Budget Program	Crop Budget Program v.3.01		CES	Nov. 1999	N/A	<ul style="list-style-type: none"> http://www2.ctahr.hawaii.edu/biosystems/budget/index.htm
89	Won Bok & Pak Choi	Won Bok & Pak Choi	Economic Fact Sheet #18	UH	Dec 1992	4	<ul style="list-style-type: none"> species and varieties productivity products and uses Won bok in Asia U.S. market production in Hawaii (value, production areas, market supply, price, production cost percentages by major cost category)
90	Any commodity or subject	NRCS Cost and Returns Estimation (CARE) Budgets for All States	Website	NRCS	N/A	N/A	<ul style="list-style-type: none"> Website where budget and cost information may be obtained for all states at: http://waterhome.brc.tamus.edu/care/budgets/
91	Any commodity or subject	NRCS Cost and Returns Estimation (CARE) Budgets for Hawaii	Website	NRCS	N/A	N/A	<ul style="list-style-type: none"> Website with links to Hawaii budget and cost information sites: http://waterhome.brc.tamus.edu/care/budgets/Hawaii.html

^{1/} A copy of the listed references may be obtained by contacting the NRCS Economist at the Hawaii State Office, phone (808) 541-2600 ext. 110. Most of the CES and CTAHR references may also be available online at the website listed in reference #80:

<http://waterhome.brc.tamus.edu/care.budgets/Hawaii.html>

^{2/} CES - Cooperative Extension Service

CTAHR - College of Tropical Agriculture and Human Resources, UH

DPED - Department of Planning and Economic Development, State of Hawaii

DBEDT - Department of Business, Economic Development and Tourism, State of Hawaii

DLNR - Department of Land and Natural Resources, State of Hawaii

ERS - Economic Research Service, USDA

HITAHR - Hawaii Institute of Tropical Agriculture and Human Resources, UH (no longer in existence)

NRCS - Natural Resources Conservation Service, USDA

UH - University of Hawaii