

HAWAII AGRICULTURE 2011

In cooperation with:
 **Department
of Agriculture**
STATE OF HAWAII
Agricultural Development Division

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2011 Farm Revenues up 7 Percent from Previous Year

Farm gate revenues for 2011 totaled \$719.5 million compared to the revised 2010 level of \$674.6 million. Compared to the previous year, 15 of the 20 top ranked commodities were higher including seed crops, sugarcane, cattle, macadamia nuts, algae, bananas, milk, sweet potatoes, basil, lettuce, potted palms, dry onions, potted dracaena, honey, and taro.

The value of individually published diversified commodities rose 7 percent including a 2 percent increase for seed. The \$243.0 million seed revenue is a new record as seed companies continue to expand their Hawaii based operations. Seed corn demand for ethanol production continues to be strong. Farm gate value for cattle and calves rose 50 percent due to a program change where prices are now set at the regional level. Aquaculture revenues increased 33 percent compared to 2010 due mainly to increased algae revenues. Macadamia nut farm gate revenues increased 27 percent due to higher utilized production and higher prices. Published vegetables and melons rose 16 percent due to higher production and prices. Milk farm revenue rose by 9 percent which is attributed to higher milk production. Information for some agricultural commodities is suppressed to prevent disclosing individual operations, but is included in the total revenue number.

Revenue declines include flowers and nursery products which fell 2 percent to \$69.6 million from the previous year. The record high farm gate value was \$108.7 million set in 2007. Growers commented on continued slower business due to the sluggish economy, crop losses to volcanic emissions, and drought as contributing factors to this decline. Parchment coffee farm gate value decreased 6 percent due to lower production despite higher coffee prices received by producers. Fruits declined by 3 percent due to lower production compared to the previous year. Herb farm gate value fell 12 percent due to lower production. Hog farm gate value declined 28 percent due to a program change where prices are now set at the regional level.

The equivalent farm value of sugarcane (this does not include the processed value of raw sugar) was set at \$78.1 million, up 12 percent from 2010. Sugarcane price increased 4 percent from last year and sets a new state record. Farm level values shown in this publication are an important measure of production agriculture, but they do not truly reflect the total contribution of agriculture to the State and county economies. For the better understanding of the overall picture, refer to "Agriculture's Contribution to Hawaii's Economy 2005" –(CTAHR Economic Issue EI 13, Jan 2008) a publication prepared jointly by the College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa, and the Hawaii State Department of Agriculture.



NASS
FACT FINDERS FOR AGRICULTURE
UNITED STATES DEPARTMENT OF AGRICULTURE

National Agricultural Statistics Service

USDA, Hawaii Field Office
Hawaii Department of Agriculture
1428 South King Street
Honolulu, HI 96823-2159
(808) 973-9588
FAX (808) 973-2909
Internet: <http://www.nass.usda.gov/hi>

Mark E. Hudson
Director

**Top 20 commodities,
State of Hawaii, 2010-2011¹**

Farm values, State of Hawaii, 1992-2011

Commodity ²	Rank		Value of production	
	2010	2011	2010	2011
	--- Number ---		--- 1,000 dollars ---	
Seed crops	1	1	239,375	242,970
Sugarcane (unprocessed)	2	2	69,800	78,100
Cattle	4	3	30,892	46,369
Macadamia nuts	5	4	30,000	38,220
Coffee	3	5	33,440	31,540
Algae	6	6	16,725	25,230
Bananas	8	7	10,680	11,310
Papayas	7	8	11,123	9,722
Milk	9	9	8,750	9,547
Potatoes, sweet	10	10	6,510	7,348
Basil	11	11	5,540	6,225
Lettuce	12	12	3,629	5,453
Palms, potted	13	13	3,613	3,736
Dendrobiums, potted	14	14	3,468	3,400
Onions, dry	20	15	2,223	3,267
Dracaena, potted	17	16	2,752	3,164
Honey	21	17	2,118	3,137
Anthuriums, cut	15	18	3,143	3,115
Cabbage, head	16	19	3,107	2,790
Taro	18	20	2,516	2,747

Year	Sugar (unprocessed cane)	Pineapples (fresh equivalent)	Diversified agriculture ¹	Total ²
1992	153,700	102,100	264,427	520,227
1993	163,000	79,850	271,094	513,944
1994	160,100	78,890	273,826	512,816
1995	127,700	87,360	291,632	506,692
1996	108,100	95,914	307,329	511,343
1997	85,500	91,721	327,484	504,705
1998	87,300	92,776	329,886	509,962
1999	86,800	101,448	342,846	531,094
2000	62,200	101,530	358,170	521,900
2001	57,800	96,337	370,241	524,378
2002	64,300	100,616	374,602	539,518
2003	64,400	101,470	382,253	548,123
2004	61,500	83,104	407,453	552,057
2005	58,900	79,288	444,597	582,785
2006	50,200	73,652	455,738	579,590
2007	47,600	³	³	577,999
2008	44,200	³	³	605,570
2009	44,200	³	³	641,850
2010	69,800	³	³	674,590
2011	78,100	³	³	719,474

¹ Cucumbers, pineapples, sod, tomatoes, and watermelons not ranked due to disclosure of individual operations.

² Floriculture categories include only growers with total sales of \$10,000 or more.

¹ Aquaculture included beginning 1993.

² Includes all agricultural commodities.

³ Pineapples and diversified agriculture not shown separately to avoid disclosure of individual operations.

Diversified agriculture ranked by value, State of Hawaii, 2010-2011

Commodity	Rank		Value of production			Percent of diversified agriculture ¹	
	2010	2011	2010	2011	Year-to-year percent change	2010	2011
	--- Number ---		----- 1,000 dollars -----		----- Percent -----		
Seed crops	1	1	239,375	242,970	+2	47.4	44.9
Flowers and nursery products	2	2	71,100	69,600	-2	14.1	12.9
Cattle	4	3	30,892	46,369	+50	6.1	8.6
Aquaculture	6	4	29,970	39,970	+33	5.9	7.4
Macadamia nuts	5	5	30,000	38,220	+27	6.0	7.1
Coffee	3	6	33,440	31,540	-6	6.6	5.8
Vegetables and melons	7	7	24,939	28,822	+16	4.9	5.3
Fruits (excluding pineapples)	8	8	22,531	21,915	-3	4.5	4.0
Milk	10	9	8,750	9,547	+9	1.7	1.8
Herbs	9	10	10,806	9,475	-12	2.1	1.7
Hogs	11	11	3,661	2,624	-28	.7	.5
Total			² 505,464	² 541,052		100.0	100.0

¹ Percentages are of displayed items only.

² Includes selected displayed commodities; excludes non-published commodities to avoid disclosure of individual operations but included in total farm value.