



**AgEcon** SEARCH  
RESEARCH IN AGRICULTURAL & APPLIED ECONOMICS

*The World's Largest Open Access Agricultural & Applied Economics Digital Library*

**This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.**

**Help ensure our sustainability.**

Give to AgEcon Search

AgEcon Search

<http://ageconsearch.umn.edu>

[aesearch@umn.edu](mailto:aesearch@umn.edu)

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Humboldt County

2005-2009

California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

This digitization project was funded by the Giannini Foundation of Agricultural Economics, <http://giannini.ucop.edu/>.

The work was completed by the staff of the Giannini Foundation Library, University of California, Berkeley, <http://are.berkeley.edu/library/>. **Please contact the Library to consult the originals.**



DEPARTMENT OF AGRICULTURE  
**COUNTY OF HUMBOLDT**

5630 SOUTH BROADWAY EUREKA, CALIFORNIA 95503  
PHONE (707) 441-5260

**A. G. Kawamura, Secretary**

California Department of Food and Agriculture  
and

**Honorable Board of Supervisors, Humboldt County**

Roger Rodoni, Chairman

Jill Geist

Bonnie Neely

Jimmy Smith

John Woolley

I am pleased to present Humboldt County's Crop and Livestock Report in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code. The following summary represents gross agricultural receipts, but does not reflect production costs or net income to the producers.

Humboldt County recorded a value of \$320,174,000 for its total gross agricultural production in 2005. This represents an increase of \$24.85 million over 2004 production. Again, Humboldt County leads the state in volume and value of harvested timber. All commodity groups reported production gains in 2005 except in the market and manufacturing milk category.

The 2005 agricultural production ranking for Humboldt County is as follows.

<i>Timber Production</i> .....	\$	<b>198,958,000</b>
<i>Nursery Stock (cut flowers, ornamental and forest tree production)</i> .....	\$	<b>43,460,700</b>
<i>Milk and Milk Products</i> .....	\$	<b>42,507,700</b>
<i>Livestock (beef cattle &amp; calves, dairy cows, Sheep, lambs and misc.)</i> .....	\$	<b>23,986,000</b>
<i>Field Crops (alfalfa, silage, range, etc.)</i> .....	\$	<b>9,530,600</b>
<i>Vegetable Crops</i> .....	\$	<b>920,000</b>
<i>Fruit &amp; Nut Crops</i> .....	\$	<b>811,000</b>

This summary is made possible through the efforts, expertise and cooperation of numerous individuals and agencies, all of which deserve the credit and thanks for this report of crop and livestock production.

Respectfully submitted,

**John E. Falkenstrom**

John E. Falkenstrom

Acting Agricultural Commissioner

## *Field Crops*

ITEM	YR.	HARVEST ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE TOTAL
			PER ACRE	TOTAL			
Hay (All)	2005	1,950	3.00	5,850	Ton	135.00	789,800
	2004	1,800	3.35	6,030	Ton	115.00	693,450
Silage (All)	2005	1,050	20.00	21,000	Ton	45.00	945,000
	2004	850	20.00	17,000	Ton	42.00	595,000
Pasture (All)	2005	21,350			Acre	145.00	3,095,800
	2004	21,000			Acre	145.00	3,272,650
Range	2005	470,000			Acre	10.00	4,700,000
	2004	470,000			Acre	10.00	4,700,000

Includes: Alfalfa, grass, clover



<b>Totals</b>	<b>2005</b>	<b>9,530,600</b>
	2004	9,261,100

ITEM	YEAR	TOTAL VALUE
Vegetable Crops	2005	920,000
	2004	880,700

Includes: Corn, potatoes, pumpkins, tomatoes, squash, cabbage, beans, peppers, mushrooms, alfalfa sprouts, etc.

## *Fruit and Nut Crops*

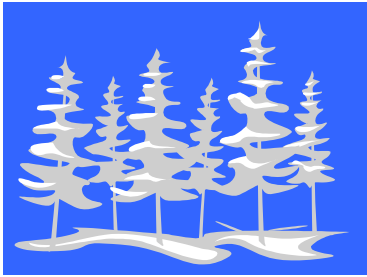
ITEM	YEAR	TOTAL VALUE
Miscellaneous Fruits and Nuts	2005	811,000
	2004	714,300

Includes: apples, berries, cherries, chestnuts, figs, peaches, walnuts and grapes (wine/table)

## *Nursery Production*

ITEM	YEAR	TOTAL VALUE
------	------	-------------

Cut flowers and decoratives, bedding plants, ornamentals and forest nursery tree production	2005	43,460,700
	2004	40,793,400



## *Timber*

ITEM	YR.	PRODUCTION	UNIT	TOTAL VALUE
------	-----	------------	------	-------------

Timber <sup>1</sup> Production	2005	390,333,000	Board Feet	193,366,400
	2004	396,500,000	Board Feet	169,122,000

(All)

Biomass & <sup>2</sup> Composting	2005	422,000	Ton	5,591,500
	2004	410,377	Ton	5,334,900

<sup>1</sup> Total includes softwood saw logs and miscellaneous products (Christmas trees, cull logs, fuel wood, pulp chips, hardwood logs, poles and pilings and miscellaneous small saw logs).

<sup>2</sup> Biomass and Composting data were compiled for the first time in 2002.

<b>TOTAL:</b>	2005	198,958,000
	2004	174,456,900

## *Livestock & Poultry*

ITEM	YR.	NO. OF HEAD	TOT. LIVE WT.	UNIT	VALUE PER UNIT	TOTAL	
<sup>1</sup> Beef Cattle and Calves	2005	27,800	146,000	CWT	90.80	13,257,000	
	2004	27,200	149,600	CWT	88.30	13,209,700	
Dairy Cows and Calves (all)	2005	21,300		HEAD		6,603,000	
	2004	20,500		HEAD		6,336,000	
Sheep and Lambs (all)	2005	4,000	4,146	CWT	98.52	408,500	
	2004	4,100	4,250	CWT	90.40	384,200	
<sup>2</sup> Misc.	2005					3,717,400	
	2004					3,538,900	
<b>TOTAL:</b>							
						2005	23,986,000
						2004	23,468,800

<sup>1</sup> Includes: Cows, calves, bulls, steers

<sup>2</sup> Includes: Aquaculture, chickens, turkey, swine, goats, etc.

## *Livestock and Poultry Products*

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE TOTAL	
Market Milk	2005	1,973,999	CWT	14.76	29,144,000	
	2004	2,050,181	CWT	15.62	32,024,000	
Manufacturing Milk	2005	870,366	CWT	14.78	12,865,000	
	2004	868,561	CWT	15.20	13,202,000	
Misc.1	2005				498,700	
	2004				495,000	
<b>TOTAL:</b>						
					2005	42,507,700
					2004	45,721,000

<sup>1</sup> Includes: Wool, apiary and dairy goat products

## *Organic and Certified Producers*

ITEM	YEAR	NO. REGISTRANTS	EST. ACRES
Organic Registrants	<b>2005</b>	<b>74</b>	
	2004	72	
Certified Producers	<b>2005</b>	<b>131</b>	<b>715*</b>
	2004	142	624*
Farmer's Markets	<b>2005</b>	<b>12</b>	
	2004	12	

CROPS: Beans, berries, cabbage, carrots, cherries, corn, cucumbers, garlic, herbs, flowers, lettuce, melons, mushrooms, onions, peaches, peas, potatoes, pumpkins, sprouts, squash, tomatoes, etc.

\*Includes acreage associated with organic hay, pasture and silage production.

## *Recapitulation*

ITEM	YEAR	
	<u>2005</u>	<u>2004</u>
<b>Field Crops</b>	<b>\$ 9,530,600</b>	\$ 9,261,100
<b>Vegetable Crops</b>	<b>\$ 920,000</b>	\$ 880,700
<b>Fruit &amp; Nut Crops</b>	<b>\$ 811,000</b>	\$ 714,300
<b>Nursery Production</b>	<b>\$ 43,460,700</b>	\$ 40,793,400
<b>Livestock &amp; Poultry</b>	<b>\$ 23,986,000</b>	\$ 23,468,800
<b>Livestock &amp; Poultry Products</b>	<b>\$ 42,507,700</b>	\$ 45,721,000
<b>Timber</b>	<b>\$198,958,000</b>	\$174,456,900
<b>GRAND TOTALS</b>	<b>\$ 320,174,000</b>	<b>\$ 295,296,200</b>

## HUMBOLDT COUNTY 2005 SUSTAINABLE AGRICULTURE REPORT

The implementation of agricultural practices and programs which promote the economic viability of agriculture while minimizing the impacts of these practices and programs on natural resources and the environment is sustainable agriculture. The scope of Humboldt County's biological control programs and organic farming practices are summarized below.

### *County Biological Control*

PEST	AGENT/MECHANISM	2005
<b>TANSY RAGWORT</b> ( <i>Senecio jacobaea</i> )	Ragwort flea beetle ( <i>Longitarsus jacobaeae</i> )	5 sites
<b>YELLOWSTAR THISTLE</b> ( <i>Centaurea solstitialis</i> )	Seed-head weevil ( <i>Bangasternus orientalis</i> )	14 sites
	Gall fly ( <i>Urophora sirunaseva</i> )	5 sites
	Hairy weevil ( <i>Eustenopus villosus</i> )	24 sites
	Fungus ( <i>Puccinia jaceae</i> var. <i>solstitialis</i> )	2 sites
<b>KLAMATH WEED</b> ( <i>Hypericum perforatum</i> )	Leaf & root weevil ( <i>Chrysolina quadrigemina</i> ) (= <i>C. gemellata</i> )	Countywide
<b>BULL THISTLE</b> ( <i>Cirsium vulgare</i> )	Bull Thistle Gall Fly ( <i>Urophora stylata</i> )	9 sites
<b>CANADA THISTLE</b> ( <i>Cirsium arvense</i> )	Gall Fly ( <i>Urophora cardui</i> )	2 sites
<b>ITALIAN THISTLE</b> ( <i>Carduus pycnocephalus</i> )	Seed weevil ( <i>Rhinocyllus conicus</i> )	1 site
<b>PURPLE LOOSESTRIFE</b> ( <i>Lythrum solicaria</i> )	Leaf Feeding Beetle ( <i>Galeruceila californiensis</i> )	2 sites







**PEST EXCLUSION** involves the systematic inspection of incoming shipments of plant materials and other high risk articles which enter Humboldt County at post offices and other terminals (truck lines, United Parcel, air freight, and commercial vessels, etc.). The primary objective is to prevent the introduction into Humboldt County of plant diseases, insects, nematodes, weeds or vertebrate pests which are or could prove to be detrimental to the local and state agricultural industry and natural environment.

***Pest Exclusion***

No. Inspections	2005	METHOD OF CONVEYANCE	2005 No. Rejections 60*
WILD GARLIC (Allium vineale)	11,578	UPS/Postal Shipments	0
CERTIFICATION/LABELING VIOLATIONS		UPS/Postal Shipments/FedEx	56
VARIOUS PLANT PESTS		UPS/Postal Shipments/FedEx	4
NOXIOUS WEEDS * Shipments rejected and/or destroyed.		UPS/Postal Shipments	0



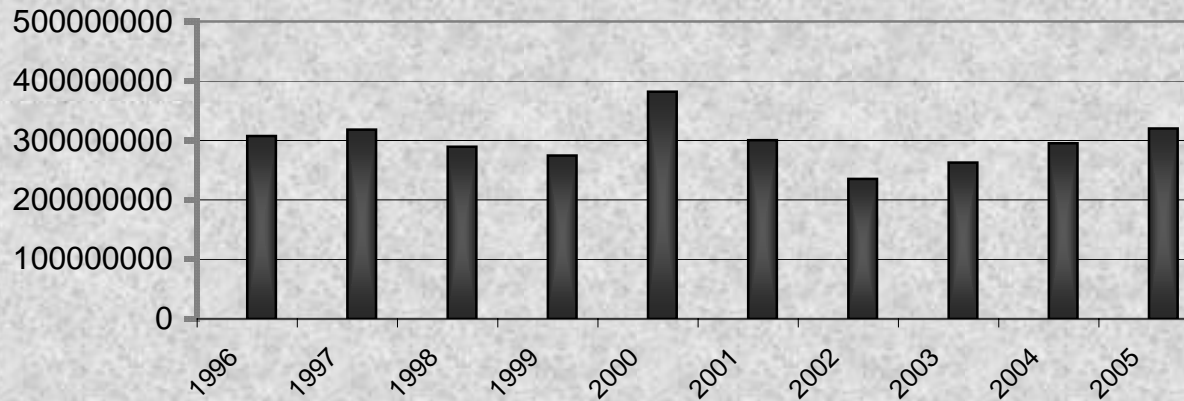
**PEST DETECTION** activities are focused on the search for pests which are not known to exist in the State or are of limited distribution throughout California. Detection trapping activities are conducted locally for insect pests such as Gypsy Moth and Japanese beetle. In addition, field surveys are continually being conducted throughout Humboldt County in order to locate and identify noxious weeds, plant diseases and vertebrate pests.

***Pest Detection***

TYPE	INSECT TRAPS	NO. SERVICINGS 2005
Gypsy Moth	272	944
Glassy-Winged Sharpshooter	125 (inspections)	1,524
Japanese Beetle	15	46



*Humboldt County Agricultural Gross Values for the 1996-2005 Decade*



	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
<b>Field Crops</b>	7,039,600	8,223,780	8,177,800	8,200,500	7,972,300	8,998,750	8,977,650	9,326,000	9,261,100	9,530,600
<b>Vegetable Crops</b>	836,000	897,000	676,000	763,208	814,190	952,000	987,800	868,000	880,700	920,000
<b>Fruit/Nut Crops</b>	27,000	78,000	91,000	111,567	430,246	506,850	683,100	698,000	714,300	811,000
<b>Dairy Production</b>	18,319,000	22,576,611	23,226,500	25,806,000	32,859,191	33,952,000	35,321,300	35,858,600	40,793,400	43,460,700
<b>Livestock/Poultry</b>	10,830,537	12,443,189	14,548,760	19,936,281	21,020,200	22,347,800	22,579,750	24,872,700	23,468,800	23,986,000
<b>Livestock/Products</b>	34,709,000	36,067,700	39,055,200	38,283,000	33,636,400	42,972,000	31,734,400	43,170,300	45,721,000	42,507,700
<b>Timber</b>	<u>235,529,000</u>	<u>238,011,000</u>	<u>203,494,572</u>	<u>181,487,821</u>	<u>285,232,953</u>	<u>190,571,200</u>	<u>134,963,400</u>	<u>148,024,400</u>	<u>174,456,900</u>	<u>198,958,000</u>
<b>Total</b>	<b>307,290,137</b>	<b>318,297,280</b>	<b>289,269,832</b>	<b>274,588,377</b>	<b>381,965,480</b>	<b>300,300,600</b>	<b>235,247,400</b>	<b>262,818,000</b>	<b>295,296,200</b>	<b>320,174,000</b>



DEPARTMENT OF AGRICULTURE  
COUNTY OF HUMBOLDT

5630 SOUTH BROADWAY EUREKA, CALIFORNIA 95503  
PHONE (707) 441-5260

**A. G. Kawamura, Secretary**  
California Department of Food and Agriculture  
and  
**Honorable Board of Supervisors, Humboldt County**  
Bonnie Neely, Chairwoman  
Jill Geist  
Roger Rodoni  
Jimmy Smith  
John Woolley

I am pleased to present Humboldt County's Crop and Livestock Report in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code. The following summary represents gross agricultural receipts, but does not reflect production costs or net income to the producers.

Humboldt County recorded a value of \$294,787,100 for its total gross agricultural production in 2006. This represents a decrease of \$25.4 million from 2005 production, primarily related to reductions in the volume and value of timber and milk products. Again, Humboldt County leads the state in volume and value of harvested timber. About half of our commodity groups reported production gains in 2006 with Nursery Production showing about a 14% gain over last year.

The 2006 agricultural production ranking for Humboldt County is as follows.

<i>Timber Production</i> .....	\$	<i>178,006,700</i>
<i>Nursery Stock (cut flowers, ornamental and forest tree production)</i> .....	\$	<i>49,116,900</i>
<i>Milk and Milk Products</i> .....	\$	<i>30,997,200</i>
<i>Livestock (beef cattle &amp; calves, dairy cows, Sheep, lambs and misc.)</i> .....	\$	<i>24,188,200</i>
<i>Field Crops (alfalfa, silage, range, etc.)</i> .....	\$	<i>10,818,100</i>
<i>Vegetable Crops</i> .....	\$	<i>900,000</i>
<i>Fruit &amp; Nut Crops</i> .....	\$	<i>760,000</i>

This summary is made possible through the efforts, expertise and cooperation of numerous individuals and agencies, all of which deserve the credit and thanks for this report. A special word of appreciation goes to my Executive Secretary, Lynda Powell, for the time and energy she spent in collecting and organizing the raw data for the final production of this year's Crop and Livestock Report.

Respectfully submitted,

*John E. Falkenstrom*

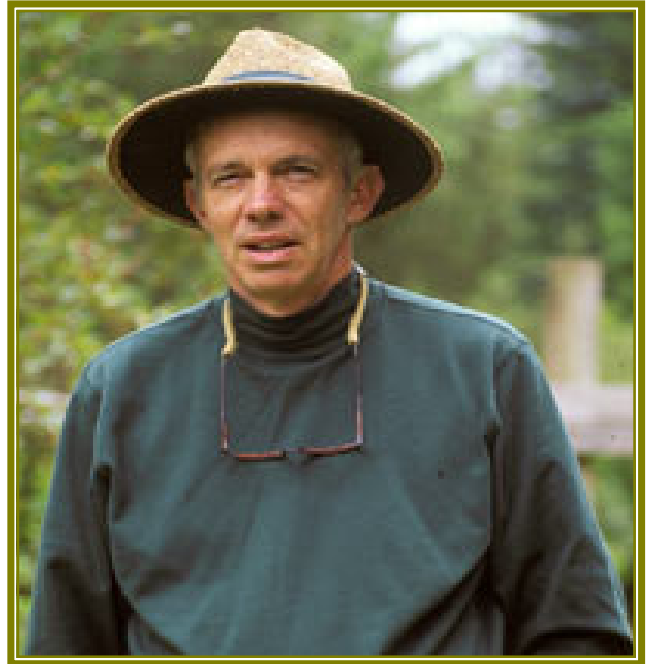
John E. Falkenstrom  
Agricultural Commissioner



## DEDICATION:

It is my pleasure to dedicate this 2006 Humboldt County Crop and Livestock Report in honor of the department's most recent retirees: Mr. Peter D. Haggard (retired July 2006) and Mr. Paul J. Holzberger (retired March 2007).

**Mr. Peter (Pete) D. Haggard** began his agricultural/weights & measures career with Solano County in 1970. He subsequently accepted a position with Humboldt County Department of Agriculture in 1972 where he served for 34 years. During his time with the Department, Pete worked virtually every agricultural program but with a focus on pesticide use enforcement, nursery regulation, pest detection & control, and pest exclusion. In addition, he had program responsibility for small/medium device testing and quantity control. Peter's acquired knowledge and expertise was used daily to serve the agricultural and consumer public of Humboldt County. In fact, his contributions will continue long after his retirement because of the book he, along with his wife Judy, authored titled "Insects of the Pacific Northwest", a Timber Press Field Guide. His community service will also continue because of his volunteer work at the Humboldt Botanical Garden Foundation located on the grounds of our local College of the Redwoods.



**Mr. Paul J. Holzberger** began his career in agricultural/weights & measures in 1976 with the County of Monterey. In 1978 he accepted a position with Humboldt County where he remained for the next 29 years. Paul, like Mr. Haggard, worked in virtually every field of agricultural and weights & measures inspection.



Paul's primary responsibilities in the final decade of employment were related to pesticide use enforcement, the organic registration program, certified producers' and farmers' market program, pest management & control and nursery regulation. In addition, he managed the vehicle and livestock scale testing/certification program for more than twenty years. He is now more active with the Hydesville Volunteer Fire Department, tending his Koi pond and completing numerous home repair projects.

These long-term employees have provided 63 years of combined service to our agricultural and business communities through the application of their knowledge and expertise in the performance of their various duties. It is fitting, therefore, to offer our "Thank You" by dedicating this Crop Report to them and by wishing them both a long and healthy retirement.

## Field Crops

ITEM	YR.	HARVEST ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE TOTAL
			PER ACRE	TOTAL			
Hay (All)	2006	2,200	3.00	6,600	Ton	116.00	765,600
	2005	1,950	3.00	5,850	Ton	135.00	789,800
Silage (All)	2006	1,050	23.00	34,500	Ton	40.00	1,380,000
	2005	1,050	20.00	21,000	Ton	45.00	945,000
Pasture (All)	2006	22,700			Acre	175.00	3,972,500
	2005	21,350			Acre	145.00	3,095,800
Range	2006	470,000			Acre	10.00	4,700,000
	2005	470,000			Acre	10.00	4,700,000
Includes: Alfalfa, grass, clover							
<b>Totals</b>						2006	10,818,100
						2005	9,530,600

## Vegetable Crops

ITEM	YEAR	TOTAL VALUE
------	------	----------------

Vegetable Crops	2006	900,000
	2005	920,000

Includes: Corn, potatoes, pumpkins, tomatoes, squash, cabbage, beans, peppers, mushrooms, alfalfa sprouts, etc.

## Fruit and Nut Crops

Miscellaneous Fruits and Nuts	2006	760,000
	2004	811,000

Includes: apples, berries, cherries, chestnuts, figs, peaches, walnuts and grapes (wine/table)

## Nursery Production

ITEM	YEAR	TOTAL VALUE
------	------	-------------

Cut flowers and decoratives, bedding plants, ornamentals and forest nursery tree production	2006	49,116,900
	2005	43,460,700



## Timber

ITEM	YR.	PRODUCTION	UNIT	TOTAL VALUE
------	-----	------------	------	-------------

Timber <sup>1</sup> Production (All)	2006	336,743,000	Board Feet	171,631,700
	2005	390,333,000	Board Feet	193,366,400
Biomass & <sup>2</sup> Composting	2006	500,000	Ton	6,375,000
	2005	422,000	Ton	5,591,500

<sup>1</sup> Total includes softwood saw logs and miscellaneous products (Christmas trees, cull logs, fuel wood, pulp chips, hardwood logs, poles and pilings and miscellaneous small saw logs).

<sup>2</sup> Biomass and Composting data were compiled for the first time in 2002.

<b>TOTAL:</b>	<b>2006</b>	<b>178,006,700</b>
	2005	198,958,000

## *Livestock & Poultry*

ITEM	YR.	NO. OF HEAD	TOT. LIVE WT.	UNIT	VALUE PER UNIT	TOTAL
1Beef Cattle and Calves	2006	28,500	149,700	CWT	89.30	13,368,200
	2005	27,8001	146,000	CWT	90.80	13,257,000
Dairy Cows and Calves (all)	2006	20,800		HEAD		6,448,000
	2005	21,300		HEAD		6,603,000
Sheep and Lambs (all)	2006	3,800	3,938	CWT	84.00	330,800
	2005	4,000	4,146	CWT	98.52	408,500
2Misc.	2006					4,041,200
	2005					3,717,400
<b>TOTAL:</b>					2006	24,986,000
					2005	23,896,000

<sup>1</sup> Includes: Cows, calves, bulls, steers

<sup>2</sup> Includes: Aquaculture, chickens, turkey, swine, goats, etc.

## *Livestock and Poultry Products*

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE TOTAL	
Market Milk	2006	1,695,994	CWT	12.19	20,674,200	
	2005	1,973,999	CWT	14.76	29,144,000	
Manufacturing Milk	2006	725,399	CWT	12.48	9,053,000	
	2005	870,366	CWT	14.78	12,865,000	
Misc. <sup>1</sup>	2006				1,270,000	
	2005				498,700	
<b>TOTAL:</b>					2006	30,997,200
					2005	42,507,700

<sup>1</sup> Includes: Wool, apiary and dairy goat products

## *Organic and Certified Producers*

ITEM	YEAR	NO. REGISTRANTS	EST. ACRES
Organic Registrants <sup>1</sup>	<b>2006</b>	<b>115</b>	<b>17,480<sup>1</sup></b>
	2005	74	
Certified Producers	<b>2006</b>	<b>137</b>	<b>927</b>
	2005	131	
Farmer's Markets	<b>2006</b>	<b>13</b>	<b>715</b>
	2005	12	

<sup>1</sup> Includes acreage associated with organic hay, pasture and silage production. The huge jump in organic acreage is related to the conversion of conventional dairy operations to organic in 2006.

<sup>2</sup>CROPS: Beans, berries, cabbage, carrots, cherries, corn, cucumbers, garlic, herbs, flowers, lettuce, melons, mushrooms, onions, peaches, peas, potatoes, pumpkins, sprouts, squash, tomatoes, etc.

## *Recapitulation*

ITEM	YEAR	
	<u>2006</u>	<u>2005</u>
<b>Field Crops</b>	<b>\$ 10,818,100</b>	\$ 9,530,600
<b>Vegetable Crops</b>	<b>\$ 900,000</b>	\$ 920,000
<b>Fruit &amp; Nut Crops</b>	<b>\$ 760,000</b>	\$ 811,000
<b>Nursery Production</b>	<b>\$ 49,116,900</b>	\$ 43,460,700
<b>Livestock &amp; Poultry</b>	<b>\$ 24,188,200</b>	\$ 23,986,000
<b>Livestock &amp; Poultry Products</b>	<b>\$ 30,997,200</b>	\$ 42,507,700
<b>Timber</b>	<b>\$178,006,700</b>	\$198,958,000
<b>GRAND TOTALS</b>	<b>\$ 294,787,100</b>	<b>\$ 320,174,000</b>



## HUMBOLDT COUNTY 2006 SUSTAINABLE AGRICULTURE REPORT

The implementation of agricultural practices and programs which promote the economic viability of agriculture while minimizing the impacts of these practices and programs on natural resources and the environment is sustainable agriculture. The scope of Humboldt County's biological control programs and organic farming practices are summarized below.

### *County Biological Control*

PEST	AGENT/MECHANISM	2005
<b>TANSY RAGWORT</b> ( <i>Senecio jacobaea</i> )	Ragwort flea beetle ( <i>Longitarsus jacobaeae</i> )	5 sites
<b>YELLOWSTAR THISTLE</b> ( <i>Centaurea solstitialis</i> )	Seed-head weevil ( <i>Bangasternus orientalis</i> )	14 sites
	Gall fly ( <i>Urophora sirunaseva</i> )	5 sites
	Hairy weevil ( <i>Eustenopus villosus</i> )	24 sites
	Fungus ( <i>Puccinia jaceae</i> var. <i>solstitialis</i> )	2 sites
<b>KLAMATH WEED</b> ( <i>Hypericum perforatum</i> )	Leaf & root weevil ( <i>Chrysolina quadrigemina</i> ) (= <i>C. gemellata</i> )	Countywide
<b>BULL THISTLE</b> ( <i>Cirsium vulgare</i> )	Bull Thistle Gall Fly ( <i>Urophora stylata</i> )	9 sites
<b>CANADA THISTLE</b> ( <i>Cirsium arvense</i> )	Gall Fly ( <i>Urophora cardui</i> )	2 sites
<b>ITALIAN THISTLE</b> ( <i>Carduus pycnocephalus</i> )	Seed weevil ( <i>Rhinocyllus conicus</i> )	1 site
<b>PURPLE LOOSESTRIFE</b> ( <i>Lythrum solicaria</i> )	Leaf Feeding Beetle ( <i>Galeruceila californiensis</i> )	2 sites





**PEST EXCLUSION** involves the systematic inspection of incoming shipments of plant materials and other high risk articles which enter Humboldt County at post offices and other terminals (truck lines, United Parcel, air freight, and commercial vessels, etc.). The primary objective is to prevent the introduction into Humboldt County of plant diseases, insects, nematodes, weeds or vertebrate pests which are or could prove to be detrimental to the local and state agricultural industry and natural environment.

*Pest Exclusion*

No. Inspections	<u>2006</u>	<u>2005</u>	METHOD OF CONVEYANCE	<u>2006</u>	<u>2005</u>
	9,677	11,578		27	60*
			<b>No. Rejections</b>		
CERTIFICATION/LABELING VIOLATIONS			UPS/Postal Shipments/FedEx	22	56
VARIOUS PLANT PESTS			UPS/Postal Shipments/FedEx	5	4
SUDDEN OAK DEATH MORTALITY PROGRAM				18 Nurseries Under Compliance	

\* Shipments rejected and/or destroyed.

**PEST DETECTION** activities are focused on the search for pests which are not known to exist in the State or are of Limited distribution throughout California. Detection trapping activities are conducted locally for insect pests such as Gypsy Moth and Japanese beetle. In addition, field surveys are continually being conducted throughout Humboldt County in order to locate and identify noxious weeds, plant diseases and vertebrate pests.

*Pest Detection*

TYPE	INSECT TRAPS DEPLOYED		NO. SERVICINGS	
	2006	2005	2006	2005
GYPSY MOTH	249	272	981	944
GLASSY-WINGED SHARPSHOOTER	103	125	913	1,524
JAPANESE BEETLE	28	15	89	46
EXOTIC WOOD BORING BEETLE	4	-	28	-
EUROPEAN PINE SHOOT MOTH	6	-	30	-
EXOTIC MOTH SURVEY	60	-	300	-





## *Humboldt County Agricultural Gross Values for the 1997-2006 Decade*



	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
<i>Field Crops</i>	8,223,780	8,177,800	8,200,500	7,972,300	8,998,750	8,977,650	9,326,000	9,261,100	9,530,600	10,818,100
<i>Vegetable Crops</i>	897,000	676,000	763,208	814,190	952,000	987,800	868,000	880,700	920,000	900,000
<i>Fruit/Nut Crops</i>	78,000	91,000	111,567	430,246	506,850	683,100	698,000	714,300	811,000	760,000
<i>Nursery Production</i>	22,576,611	23,226,500	25,806,000	32,859,191	33,952,000	35,321,300	35,858,600	40,793,400	43,460,700	49,116,900
<i>Livestock/Poultry</i>	12,443,189	14,548,760	19,936,281	21,020,200	22,347,800	22,579,750	24,872,700	23,468,800	23,986,000	24,188,200
<i>Livestock/Products</i>	36,067,700	39,055,200	38,283,000	33,636,400	42,972,000	31,734,400	43,170,300	45,721,000	42,507,700	30,997,200
<i>Timber</i>	238,011,000	203,494,572	181,487,821	285,232,953	190,571,200	134,963,400	148,024,400	174,456,900	198,958,000	178,006,700
<b>Total</b>	<b>318,297,280</b>	<b>289,269,832</b>	<b>274,588,377</b>	<b>381,965,480</b>	<b>300,300,600</b>	<b>235,247,400</b>	<b>262,818,000</b>	<b>295,296,200</b>	<b>320,174,000</b>	<b>294,787,100</b>

*County of Humboldt  
Department of Agriculture  
Crop Report Grand Summary  
1951 - 2005*

Commodity Group	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
Field Crops/Hay & Pasture	\$ 3,760		\$ 84,705				\$ 71,607	\$ 53,734			\$ 2,439,289	\$ 2,418,746	\$ 2,745,865	\$ 2,720,204	\$ 2,698,091	\$ 2,667,540	\$ 2,747,675
Vegetable Crops	\$ 145,094		\$ 84,700				\$ 87,793	\$ 158,467		\$ 2,430,300	\$ 210,170	\$ 214,362	\$ 236,488	\$ 251,603	\$ 246,329	\$ 404,100	\$ 554,071
Fruit/Nut Crops	\$ 51,681		\$ 30,945				\$ 28,866	\$ 24,091		\$ 28,951	\$ 29,784	\$ 37,116	\$ 24,595	\$ 29,457	\$ 20,317	\$ 28,121	\$ 27,613
Nursery Stock	\$ 804,481		\$ 828,989				\$ 754,974	\$ 738,329		\$ 499,943	\$ 451,226	\$ 462,382	\$ 422,300	\$ 421,140	\$ 455,574	\$ 945,745	\$ 553,427
Poultry Products			\$ 580,988				\$ 394,002										
Livestock Products			\$ 13,127,604				\$ 10,212,459	\$ 9,463,747									
Livestock/Poultry										\$ 2,589,361	\$ 2,320,370	\$ 2,622,048	\$ 2,485,209	\$ 2,422,378	\$ 2,280,127	\$ 2,532,610	\$ 2,551,428
Livestock/Poultry Products	\$ 607,979						\$ 371,947			\$ 6,969,533	\$ 7,173,997	\$ 6,827,006	\$ 6,907,714	\$ 7,191,065	\$ 5,789,638	\$ 6,667,703	\$ 7,173,758
Miscellaneous Products																	
 Fur Products									\$ 201,825	\$ 101,376	\$ 167,775	\$ 165,375	\$ 164,610	\$ 160,200	\$ 162,000	\$ 153,000	\$ 146,380
 *Apiary Products												\$ 110	\$ 85	\$ 365	\$ 303	\$ 600	\$ 878
Timber																	
Totals	\$ 1,612,995	*	\$ 14,737,931	*	*	*	\$ 11,549,701	\$ 10,810,315	*	\$ 12,619,464	\$ 12,792,611	\$ 12,747,145	\$ 12,986,866	\$ 13,196,412	\$ 11,652,379	\$ 13,399,419	\$ 13,755,230

Other Items

Bark Products										3,978	4,457	5,000		2,157	2,000	2,170	2,000
Decorative Greens										236,500	238,000	238,000		5,000	5,000	5,000	5,000
Christmas Trees Cut (ea)															1,754	4,000	6,750
Timber Cut (Mil. Bd. Ft.)											150,000,000	150,000,000		130,000,000	1,370,000	1,301,296	1,200,000

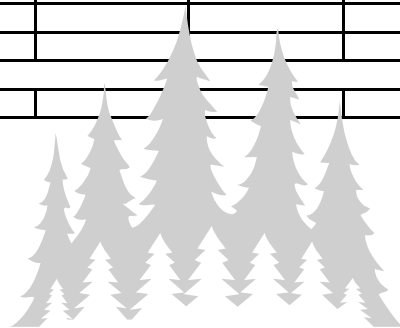
Comments

											shift- sheep/cattle			floods			
--	--	--	--	--	--	--	--	--	--	--	---------------------	--	--	--------	--	--	--

\*Information Unavailable

\*\*Information Withheld Due to Privacy Issues

 Constitutes Miscellaneous Products



**County of Humboldt**  
**Department of Agriculture**  
**Crop Report Grand Summary**  
**1951 - 2005**

Commodity Group	1968	1969	1970	1971	1972	1973	1974	1975	1976	1978	1979	1980	1981	1982
Field Crops/Hay & Pasture	\$ 2,815,615	\$ 2,788,419	\$ 2,680,177	\$ 2,665,184	\$ 2,726,256	\$ 4,326,233	\$ 4,576,536	\$ 5,533,537	\$ 5,858,303	\$ 7,249,670	\$ 7,460,920	\$ 8,136,830	\$ 8,074,140	\$ 7,942,600
Vegetable Crops	\$ 644,775	\$ 1,011,170	\$ 1,761,160	\$ 1,534,231	\$ 1,116,558	\$ 1,261,408	\$ 1,498,146	\$ 1,211,537	\$ 683,131	\$ 844,159	\$ 861,734	\$ 1,082,043	\$ 1,167,570	\$ 1,270,600
Fruit/Nut Crops	\$ 29,254	\$ 23,247	\$ 22,945	\$ 17,311	\$ 14,640	\$ 27,114	\$ 29,987	\$ 44,538	\$ 41,918	\$ 59,605	\$ 57,280	\$ 43,878	\$ 60,104	\$ 62,900
Nursery Stock	\$ 559,289	\$ 421,479	\$ 602,582	\$ 679,229	\$ 617,657	\$ 1,209,139	\$ 1,617,435	\$ 1,584,834	\$ 2,130,327	\$ 3,950,740	\$ 4,401,157	\$ 4,023,394	\$ 4,550,105	\$ 4,422,000
Poultry Products														
Livestock Products														
Livestock/Poultry	\$ 2,501,145	\$ 2,882,358	\$ 3,010,566	\$ 3,058,866	\$ 3,394,021	\$ 4,820,182	\$ 3,968,190	\$ 2,396,609	\$ 3,599,654	\$ 4,190,974	\$ 6,116,669	\$ 6,320,105	\$ 5,387,505	\$ 5,291,000
Livestock/Poultry Products	\$ 7,362,683	\$ 7,342,881	\$ 8,172,832	\$ 8,219,613	\$ 8,679,364	\$ 10,356,137	\$ 10,459,198	\$ 12,165,705	\$ 14,250,506	\$ 17,256,363	\$ 20,565,939	\$ 19,891,401	\$ 25,204,219	\$ 27,359,000
Miscellaneous Products														
Fur Products	\$ 144,000	\$ 159,900	\$ 150,000	\$ 70,800	\$ 5,000	\$ -								
*Apiary Products	\$ 2,355	\$ 2,032	\$ 1,735	\$ 1,393	\$ 2,175	\$ 2,323	\$ 3,157	\$ 2,504	\$ 3,710	\$ 1,920	\$ 9,168	\$ 19,753	\$ 4,018	\$ 4,200
Timber		\$ 7,460											\$ 111,100	\$ 96,404,200
Totals	\$ 14,059,116	\$ 14,638,946	\$ 16,401,997	\$ 16,246,627	\$ 16,555,671	\$ 22,002,536	\$ 22,152,649	\$ 22,939,264	\$ 26,567,549	\$ 33,553,431	\$ 39,472,867	\$ 39,517,404	\$ 44,558,761	\$ 142,756,500

Other Items

Bark Products	2,000	4,000	7,802	9,600	5,000	2,976	7,841	4,823	5,362	5,700				
Decorative Greens	5,000	5,000	5,000	6,000	9,600	5,000	5,500	5,800	6,120	7,000	8,000			
Christmas Trees Cut (ea)	4,500	5,500	5,500	4,500	4,500	4,000	11,250	8,500	10,900	10,000	10,000			
Timber Cut (Mil. Bd. Ft.)	1,200,000	1,200,000	1,200,000	1,250,000	1,250,000	1,100,000	1,000,000	900,000	1,000,050	*	870			

Comments

										near drought				cool temps
--	--	--	--	--	--	--	--	--	--	--------------	--	--	--	------------



\*Information Unavailable

\*\*Information Withheld Due to

 Constitutes Miscellaneous



*County of Humboldt  
Department of Agriculture  
Crop Report Grand Summary  
1951 - 2005*

Commodity Group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Field Crops/Hay & Pasture	\$ 7,491,900	\$ 7,788,400	\$ 6,312,000	\$ 7,160,000	\$ 7,217,000	\$ 7,175,000	\$ 7,211,000	\$ 6,405,000	\$ 6,642,000	\$ 7,407,000	\$ 7,411,000	\$ 7,379,000	\$ 7,054,000
Vegetable Crops	\$ 1,173,800	\$ 1,055,300	\$ 1,260,000	\$ 1,230,000	\$ 1,314,000	\$ 1,291,000	\$ 1,479,000	\$ 1,384,000	\$ 1,107,000	\$ 1,039,000	\$ 1,103,000	\$ 872,000	\$ 836,000
Fruit/Nut Crops	\$ 52,600	\$ 78,300	\$ 102,000	\$ 114,000	\$ 122,000	\$ 90,000	\$ 114,000	\$ 83,000	\$ 500,000	\$ 129,000	\$ 100,000	\$ 32,000	\$ 27,000
Nursery Stock	\$ 4,438,000	\$ 4,484,000	\$ 9,487,000	\$ 5,794,000	\$ 4,111,000	\$ 10,760,000	\$ 10,569,000	\$ 10,935,000	\$ 75,510,000	\$ 20,497,000	\$ 20,940,000	\$ 20,274,000	\$ 18,319,000
Poultry Products													
Livestock Products													
Livestock/Poultry	\$ 4,944,000	\$ 4,961,000	\$ 4,731,000	\$ 4,966,000	\$ 5,968,000	\$ 6,019,000	\$ 6,633,000	\$ 7,402,000	\$ 6,773,000	\$ 15,300,000	\$ 15,289,000	\$ 12,278,000	\$ 11,226,000
Livestock/Poultry Products	\$ 27,747,000	\$ 27,455,000	\$ 26,913,000	\$ 27,847,000	\$ 27,627,196	\$ 26,061,353	\$ 29,304,307	\$ 29,700,471	\$ 27,025,000	\$ 28,836,204	\$ 27,065,000	\$ 30,681,000	\$ 30,589,000
Miscellaneous Products													
 Fur Products													
 *Apiary Products	\$ 4,000	\$ 4,600	\$ 5,500	\$ 4,000	\$ 9,000	\$ 9,000	**	*					
Timber	\$ 67,214,000	\$ 78,578,000	\$ 71,749,000	\$ 80,158,000	\$ 109,134,000	\$ 149,392,000	\$ 139,916,000	\$ 197,658,000	\$ 141,500,000	\$ 193,906,000	\$ 268,010,000	\$ 281,780,000	\$ 235,529,000
Totals	\$ 113,065,300	\$ 124,404,600	\$ 120,559,500	\$ 127,273,000	\$ 155,502,196	\$ 200,797,353	\$ 195,226,307	\$ 253,567,471	\$ 259,057,000	\$ 267,114,204	\$ 339,918,000	\$ 353,296,000	\$ 303,580,000

Other Items

Bark Products													
Decorative Greens													
Christmas Trees Cut (ea)													
Timber Cut (Mil. Bd. Ft.)		489,435,000	469,655,000	546,990,000	652,939	854,711	663	610				488	492

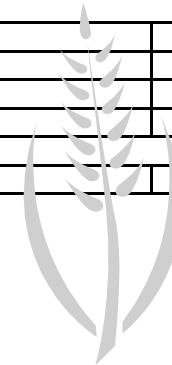
Comments

--	--	--	--	--	--	--	--	--	--	--	--	--	--



\*Information Unavailable

\*\*Information Withheld Due to

 Constitutes Miscellaneous



**County of Humboldt**  
**Department of Agriculture**  
**Crop Report Grand Summary**  
**1951 - 2005**

Commodity Group	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Field Crops/Hay & Pasture	\$ 7,039,600	\$ 8,223,780	\$ 8,177,800	\$ 8,200,500	\$ 7,972,300	\$ 8,998,750	\$ 8,977,650	\$ 9,326,000	\$ 9,261,100	\$ 9,530,600	\$ 10,818,100
Vegetable Crops	\$ 836,000	\$ 897,050	\$ 676,000	\$ 763,208	\$ 814,190	\$ 952,000	\$ 987,800	\$ 868,000	\$ 880,700	\$ 920,000	\$ 900,000
Fruit/Nut Crops	\$ 27,000	\$ 78,000	\$ 91,000	\$ 111,568	\$ 430,246	\$ 506,850	\$ 683,100	\$ 698,000	\$ 714,300	\$ 811,000	\$ 760,000
Nursery Stock	\$ 18,319,000	\$ 22,576,611	\$ 23,226,500	\$ 25,806,000	\$ 32,859,191	\$ 33,952,000	\$ 35,321,300	\$ 35,858,600	\$ 40,793,400	\$ 43,460,700	\$ 49,116,900
Poultry Products											
Livestock Products											
Livestock/Poultry	\$ 10,830,537	\$ 12,443,189	\$ 14,548,760	\$ 19,936,281	\$ 21,020,200	\$ 22,347,800	\$ 22,579,750	\$ 24,872,700	\$ 23,468,800	\$ 23,986,000	\$ 24,188,200
Livestock/Poultry Products	\$ 34,709,000	\$ 36,067,700	\$ 39,055,200	\$ 38,283,000	\$ 33,636,400	\$ 42,972,000	\$ 31,734,400	\$ 43,170,300	\$ 45,721,000	\$ 42,507,700	\$ 30,997,200
Miscellaneous Products											
 Fur Products											
 *Apiary Products											
Timber	\$ 235,529,000	\$ 238,011,000	\$ 203,494,572	\$ 181,487,821	\$ 285,232,953	\$ 190,571,200	\$ 134,963,400	\$ 148,024,400	\$ 174,456,900	\$ 198,958,000	\$ 178,006,700
Totals	\$ 307,290,137	\$ 318,297,330	\$ 289,269,832	\$ 274,588,378	\$ 381,965,480	\$ 300,300,600	\$ 235,247,400	\$ 262,818,000	\$ 295,296,200	\$ 320,174,000	\$ 294,787,100

Other Items

Bark Products											
Decorative Greens											
Christmas Trees Cut (ea)											
Timber Cut (Mil. Bd. Ft.)											

Comments

--	--	--	--	--	--	--	--	--	--	--	--

\*Information Unavailable

\*\*Information Withheld Due to

 Constitutes Miscellaneous





# *2007*

# *CROP REPORT*

Humboldt County Department of  
Agriculture





DEPARTMENT OF AGRICULTURE  
COUNTY OF HUMBOLDT

5630 SOUTH BROADWAY EUREKA, CALIFORNIA 95503  
PHONE (707) 441-5260

**A. G. Kawamura, Secretary**  
California Department of Food and Agriculture  
and  
**Honorable Board of Supervisors, Humboldt County**  
Jimmy Smith, Chairman  
Clif Clendenen  
Bonnie Neely  
Jill Duffy  
Mark Lovelace

I am pleased to present Humboldt County's 2007 Crop and Livestock Report in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code.

Humboldt County recorded a value of \$283,551,388 for its total gross agricultural production in 2007. This represents a decrease of \$11.2 million from 2006 production primarily related to reductions in the volume of timber products. Although timber products showed a 12% reduction from 2006, Humboldt County remains California's leading timber producing County. Timber losses were partially offset by an increase in the value of milk products as the result of the conversion of local dairies to organic milk products production. The amount of Humboldt County land registered/certified for the production of organic agricultural products increased by 53% from 2006 to 32,500 acres as producers converted pasture and rangelands to organic grazing and hay production.

The 2007 agricultural production ranking for Humboldt County is as follows.

<i>Timber Production</i> .....	<i>\$151,530,736</i>
<i>Nursery Stock (cut flowers, ornamental &amp; forest tree production)</i> .....	<i>47,282,569</i>
<i>Milk &amp; Milk Products</i> .....	<i>47,036,000</i>
<i>Livestock (beef cattle &amp; calves, sheep, lambs &amp; misc.)</i> .....	<i>24,823,829</i>
<i>Field Crops (alfalfa, silage, range, etc)</i> .....	<i>10,028,254</i>
<i>Fruit &amp; Nut Crops</i> .....	<i>1,604,000</i>
<i>Vegetable Crop</i> .....	<i>1,246,000</i>

Please note: The accounts in this report represent estimated gross values. The following summary represents gross agricultural receipts, but does not reflect production costs or net income to the producers.

This summary is made possible through the efforts, expertise and cooperation of numerous individuals and agencies, all of which deserve the credit and thanks for this report.

Respectfully submitted,

Jeff M. Dolf  
Agricultural Commissioner

## Field Crops

ITEM	YR.	HARVEST ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE TOTAL	
			PER ACRE	TOTAL				
Hay (All)	2007	2,420	3.00	7,260	Ton	108.00	\$784,080	
	2006	2,200	3.00	6,600	Ton	116.00	765,600	
Silage (All)	2007	956	23.00	21,998	Ton	38.00	835,924	
	2006	1,050	23.00	34,500	Ton	40.00	1,380,000	
Pasture (All)	2007	21,190			Acre	175.00	3,708,250	
	2006	22,700			Acre	175.00	3,972,500	
Range	2007	470,000			Acre	10.00	4,700,000	
	2005	470,000			Acre	10.00	4,700,000	
<b>Totals</b>								
							2007	\$10,028,254
							2006	10,818,100

Includes: Alfalfa, grass, clover

## Vegetable Crops

<b>Vegetable Crops</b>	2007	*\$1,246,000
	2006	900,000

Includes: Corn, potatoes, pumpkins, tomatoes, squash, cabbage, beans, peppers, mushrooms, alfalfa sprouts, etc.

## Fruit and Nut Crops

<b>Miscellaneous Fruits and Nuts</b>	2007	*\$1,604,000
	2006	760,000

Includes: apples, berries, cherries, chestnuts, figs, peaches, walnuts and grapes (wine/table)

\*Estimate from 2007 National Agricultural Statistics Service 2007 Census of Agriculture



# Nursery Production

ITEM	YEAR	TOTAL VALUE
------	------	-------------

Cut flowers and decoratives, bedding plants, ornamentals and forest nursery tree production	2007	\$47,282,569
	2006	49,116,900



ITEM	YR.	PRODUCTION	UNIT	TOTAL VALUE
------	-----	------------	------	-------------

Timber <sup>1</sup> Production (All)	2007	296,840,000	Board Feet	\$147,117,326
	2006	336,743,000	Board Feet	171,631,700
Biomass & Composting	2007	239,493	Ton	\$4,413,410
	2006	500,000	Ton	6,375,000

<sup>1</sup> Total includes softwood saw logs and miscellaneous products (Christmas trees, cull logs, fuel wood, pulp chips, hardwood logs, poles and pilings and miscellaneous small saw logs).

<b>TOTAL:</b>	2007	\$151,530,736
	2006	178,006,700

## Livestock & Poultry

ITEM	YEAR	NO. OF HEAD	LIVE WT.	UNIT	TOTAL PER UNIT	VALUE TOTAL
<sup>1</sup> Beef Cattle and Calves	2007	28,200	148,050	CWT	93.70	\$13,872,285
	2006	28,500	149,700	CWT	89.30	13,368,200
Dairy Cows and Calves (all)	2007	21,150		HEAD		6,556,500
	2006	20,800		HEAD		6,448,000
Sheep and Lambs (all)	2007	3,370	3,493	CWT	90.50	316,117
	2006	3,800	3,938	CWT	84.00	330,800
<sup>2</sup> Misc.	2007					4,078,927
	2006					4,041,200

<b>TOTAL:</b>	2007	\$24,823,829
	2006	24,986,000

<sup>1</sup> Includes: Cows, calves, bulls, steers

<sup>2</sup> Includes: Aquaculture, chickens, turkey, swine, goats, etc.

## Livestock and Poultry Products

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE TOTAL
Market Milk	2007	1,845,756	CWT	18.97	\$35,014,000
	2006	1,695,994	CWT	12.19	20,674,200
Manufacturing Milk	2007	563,598	CWT	19.01	10,714,000
	2006	725,399	CWT	12.48	9,053,000
Misc. <sup>1</sup>	2007				1,308,000
	2006				1,270,000

<sup>1</sup> Includes: Wool, apiary and dairy goat products

<b>TOTAL:</b>	2007	\$47,036,000
	2006	30,997,200

# Recapitulation

ITEM	2007	2006
Field Crops	\$ 10,028,254	\$ 10,818,100
Vegetable Crops	1,246,000	900,000
Fruit & Nut Crops	1,604,000	760,000
Nursery Production	47,282,569	49,116,900
Livestock & Poultry	24,823,829	24,188,200
Livestock & Poultry Products	47,036,000	30,997,200
Timber	151,530,736	178,006,700

<b>GRAND</b>	<u>2007</u>	<u>2006</u>
<b>TOTALS</b>	\$ 283,551,388	\$294,787,100



# Humboldt County Sustainable Agricultural Report

The implementation of agricultural practices and programs which promote the economic viability of agriculture while minimizing the impacts of these practices and programs on natural resources and the environment is sustainable agriculture. The scope of Humboldt County's biological control programs and organic farming practices are summarized below.

## Organic and Certified Producers

<u>ITEM</u>	<u>YEAR</u>	<u>NO. REGISTRANTS</u>	<u>EST. ACRES</u>
Organic Registrants <sup>1</sup>	2007	117	32,500 <sup>1</sup>
	2006	115	17,480
Certified Producers	2007	125	750
	2006	137	927
Farmer's Markets	2007	12	
	2006	13	

<sup>1</sup>CROPS: Beans, broccoli, cabbage, carrots, cherries, corn, cucumbers, garlic, herbs, flowers, lettuce, melons, onions, peaches, peas, potatoes, pumpkins, sprouts, squash, tomatoes, etc.

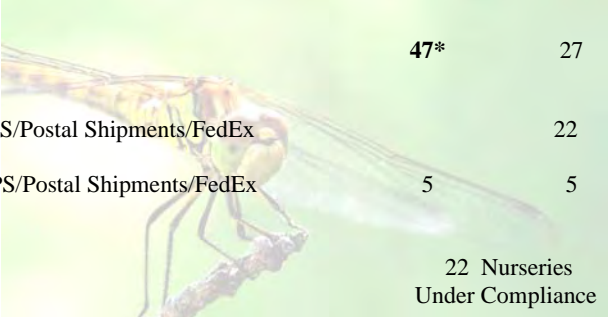
## County Biological Control



<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>2007</u>	<u>2006</u>
TANSY RAGWORT	Ragwort flea beetle	7 sites	7 sites
YELLOWSTAR THISTLE ( <i>Centaurea solstitialis</i> )	Seed-head weevil ( <i>Bangasternus orientalis</i> )	Widely Distributed	Widely Distributed
	Gall fly ( <i>Urophora sirunaseva</i> )	Widely Distributed	Widely Distributed
	Hairy weevil ( <i>Eustenopus villosus</i> )	Widely Distributed	Widely Distributed
	Fungus ( <i>Puccinia jaceae</i> var. <i>solstitialis</i> )	Failed to Establish	
KLAMATH WEED ( <i>Hypericum perforatum</i> )	Leaf & root weevil ( <i>Chrysolina quadrigemina</i> ) (= <i>C. gemellata</i> )	Countywide	Widely Distributed
PURPLE LOOSESTRIFE ( <i>Lythrum solicaria</i> )	Leaf Feeding Beetle ( <i>Galeruceila calmariensis</i> )	2 sites	2 sites

## Pest Exclusion

**PEST EXCLUSION** involves the systematic inspection of incoming shipments of plant materials and other high risk and articles which enter Humboldt County at post offices and other terminals (truck lines, United Parcel, air freight, commercial vessels, etc.). The primary objective is to prevent the introduction into Humboldt County plant diseases, insects, nematodes, weeds or vertebrate pests which are or could prove to be detrimental to the local and state agricultural industry and natural environment.

No Inspections		METHOD OF CONVEYANCE	Rejections		
2007	2006		2007	2006	
<b>5,765</b>	9,677		<b>47*</b>	27	
CERTIFICATION/LABELING VIOLATIONS			UPS/Postal Shipments/FedEx		22
VARIOUS PLANT PESTS			UPS/Postal Shipments/FedEx	5	5
SUDDEN OAK DEATH MORTALITY PROGRAM				22 Nurseries Under Compliance	

\* Shipments rejected and/or destroyed.

## Pest Detection

**PEST DETECTION** activities are focused on the search for pests which are not known to exist in the State or are of limited distribution throughout California. Detection trapping activities are conducted locally for insect pests such as Gypsy Moth and Japanese beetle. In addition, field surveys are continually being conducted throughout Humboldt County in order to locate and identify noxious weeds, plant diseases and vertebrate pests.

TYPE	INSECT TRAPS DEPLOYED		NO. SERVICINGS	
	<u>2007</u>	<u>2006</u>	<u>2007</u>	<u>2006</u>
GYPSY MOTH	248	249	1,488	981
GLASSY-WINGED SHARPSHOOTER	100	103	1,300	913
JAPANESE BEETLE	24	28	144	89
EXOTIC WOOD BORING BEETLE	4	4	24	28
EUROPEAN PINE SHOOT MOTH	6	6	36	30
EXOTIC MOTH SURVEY	60	60	360	300

*County of Humboldt  
Department of Agriculture  
Crop Report Grand Summary  
1997 - 2007*



Commodity Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Field Crops/Hay & Pasture	\$ 8,223,780	\$ 8,177,800	\$ 8,200,500	\$ 7,972,300	\$ 8,998,750	\$ 8,977,650	\$ 9,326,000	\$ 9,261,100	\$ 9,530,600	\$ 10,818,100	\$ 10,041,066
Vegetable Crops	897,050	\$ 676,000	\$ 763,208	\$ 814,190	\$ 952,000	\$ 987,800	\$ 868,000	\$ 880,700	\$ 920,000	\$ 900,000	\$ 1,246,000
Fruit/Nut Crops	78,000	\$ 91,000	\$ 111,568	\$ 430,246	\$ 506,850	\$ 683,100	\$ 698,000	\$ 714,300	\$ 811,000	\$ 760,000	\$ 1,604,000
Nursery Stock	22,576,611	\$ 23,226,500	\$ 25,806,000	\$ 32,859,191	\$ 33,952,000	\$ 35,321,300	\$ 35,858,600	\$ 40,793,400	\$ 43,460,700	\$ 49,116,900	\$ 47,282,569
Livestock/Poultry	12,443,189	\$ 14,548,760	\$ 19,936,281	\$ 21,020,200	\$ 22,347,800	\$ 22,579,750	\$ 24,872,700	\$ 23,468,800	\$ 23,986,000	\$ 24,188,200	\$ 24,812,697
Livestock/Poultry Products	36,067,700	\$ 39,055,200	\$ 38,283,000	\$ 33,636,400	\$ 42,972,000	\$ 31,734,400	\$ 43,170,300	\$ 45,721,000	\$ 42,507,700	\$ 30,997,200	\$ 47,036,000
Timber	238,011,000	\$ 203,494,572	\$ 181,487,821	\$ 285,232,953	\$ 190,571,200	\$ 134,963,400	\$ 148,024,400	\$ 174,456,900	\$ 198,958,000	\$ 178,006,700	\$ 151,530,736
Totals	\$ 318,297,330	\$ 289,269,832	\$ 274,588,378	\$ 381,965,480	\$ 300,300,600	\$ 235,247,400	\$ 262,818,000	\$ 295,296,200	\$ 320,174,000	\$ 294,787,100	\$ 283,553,068





# Crop Report

## 2008

HUMBOLDT COUNTY DEPARTMENT OF AGRICULTURE



DEPARTMENT OF AGRICULTURE  
COUNTY OF HUMBOLDT

5630 SOUTH BROADWAY EUREKA, CALIFORNIA 95503  
PHONE (707) 441-5260

A. G. Kawamura, Secretary  
California Department of Food and Agriculture  
and  
Honorable Board of Supervisors, Humboldt County  
Jimmy Smith, Chairman  
Clif Clendenen  
Bonnie Neely  
Jill Duffy  
Mark Lovelace

I am pleased to present Humboldt County's 2008 Crop and Livestock Report in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code.

Humboldt County recorded a value of \$239,180,710 for its total gross agricultural production in 2008. This represents a decrease of \$44.4 million from 2007 production, primarily related to reductions in the volume of timber products. Significantly, the volume of timber produced was 25% less than the previous year. In 2008 Humboldt County sought and was granted a United States Department of Agriculture Secretarial Disaster Declaration in response to drought related impacts to agricultural production.

Timber Production .....	\$107,944,884
Nursery Stock (cut flowers, ornamental & forest tree production) .....	49,414,576
Milk & Milk Products .....	44,742,414
Livestock (beef cattle & calves, sheep, lambs & misc.) .....	23,888,736
Field Crops (alfalfa, silage, range, etc) .....	10,483,400
Fruit & Nut Crops .....	1,523,000
Vegetable Crops .....	1,183,700

This summary is made possible through the efforts, expertise and cooperation of numerous individuals and agencies, all of which deserve the credit and thanks for this report.

Respectfully submitted,

Jeff M. Dolf  
Agricultural Commissioner

Please note: The accounts in this report represent estimated gross values. The following summary represents gross agricultural receipts, but does not reflect production costs or net income to the producers.

## Field Crops

ITEM	YR	HARVEST ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE TOTAL
			PER ACRE	TOTAL			
Hay (All)	2008	2,550	3.00	7,650	Ton	128.00	\$979,200
	2007	2,420	3.00	7,260	Ton	108.00	784,080
Silage (All)	2008	973	21.6	21,016	Ton	50.00	1,050,800
	2007	956	23.00	21,998	Ton	38.00	835,924
Pasture (All)	2008	21,448			Acre	175.00	3,753,400
	2007	21,190			Acre	175.00	3,708,250
Range	2008	470,000			Acre	10.00	4,700,000
	2007	470,000			Acre	10.00	4,700,000

Includes: Alfalfa, grass, clover

Totals	2008	\$10,483,400
	2007	10,028,254

## Vegetable Crops

ITEM	YEAR	TOTAL VALUE
Vegetable Crops	2008	\$1,183,700 *
	2007	1,246,000

Includes: Corn, potatoes, pumpkins, tomatoes, squash, cabbage, beans, peppers, mushrooms, alfalfa sprouts, etc.

## Fruit and Nut Crops

ITEM	YEAR	TOTAL VALUE
Miscellaneous Fruits and Nuts	2008	\$1,523,000
	2007	1,604,000

Includes: apples, berries, cherries, chestnuts, figs, peaches, walnuts and grapes (wine/table)

\* Estimate from 2007 National Agricultural Statistics Service 2007 Census of Agriculture

## Nursery Production

ITEM	YEAR	TOTAL VALUE
Cut flowers and decoratives, bedding plants, ornamentals and forest nursery tree production	2008	\$49,414,576
	2007	47,282,569

## Timber

ITEM	YR.	PRODUCTION	UNIT	TOTAL VALUE
Timber Production (All)	2008	227,339,000	Board Feet	\$104,800,964
	2007	296,840,000	Board Feet	147,117,326
Biomass & Composting	2008	500,000	Ton	3,143,920
	2007	239,493	Ton	4,413,410

\* Total includes softwood saw logs and miscellaneous products (Christmas trees, cull logs, fuel wood, pulp chips, hardwood logs, poles and pilings and miscellaneous small saw logs).

TOTAL:	2008	\$ 107,944,884
	2007	151,530,736

## Livestock & Poultry

ITEM	YR.	NO OF HEAD	TL LIVE WEIGHT	UNIT	UNIT VALUE	TOTAL
*Beef Cattle and Calves	2008	26,790	140,647	CWT	93.70	\$13,178,623
	2007	28,200	148,050	CWT	93.70	13,892,285
Dairy Cows and Calves	2008	21,150		HEAD		6,556,500
	2007	21,150		HEAD		6,556,500
Sheep and Lambs	2008	3,300	3,390	CWT	91.30	309,507
	2007	3,370	3,493	CWT	90.50	316,117
**Misc.	2008					3,844,106
	2007					4,078,927
<b>TOTAL:</b>						
	2008					\$23,888,736
	2007					24,823,829

\*Includes: Cows, calves, bulls, steers

\*\*Includes: Aquaculture, chickens, turkey, swine, goats, etc.

## Livestock and Poultry Products

ITEM	YEAR	PER PRODUCTION	VALUE UNIT	UNIT	TOTAL
Market Milk	2008	2,012,941	CWT	17.80	\$35,830,349
	2007	1,845,756	CWT	18.97	35,014,000
Manufacturing Milk	2008	411,549	CWT	18.57	7,642,465
	2007	563,598	CWT	19.01	10,714,000
Misc. <sup>1</sup>	2008				1,269,600
	2007				1,308,000
<b>TOTAL:</b>					
	2008				\$44,742,414
	2007				47,036,000

<sup>1</sup> Includes: Wool, apiary and dairy goat products

# Humboldt County Sustainable Agriculture Report

The implementation of agricultural practices and programs which promote the economic viability of agriculture while minimizing the impacts of these practices and programs on natural resources and the environment is sustainable agriculture. The scope of Humboldt County's biological control programs and organic farming practices are summarized below.

## Organic and Certified Producers

ITEM	YEAR	No. of REGISTRANTS	EST. ACRES
Organic Registrants*	2008	128	33,251
	2007		
Certified Producers	2008	126	927
	2007		
Farmer's Markets	2008	14	
	2007	12	

CROPS CONSIST OF: Beans, berries, cabbage, carrots, cherries, corn cucumbers, garlic herbs, flowers, lettuce, melons, mushrooms, onions, peaches, peas, potatoes, pumpkins, sprouts, squash, tomatoes, etc.

\* Includes acreage associated with organic hay, pasture and silage production. The huge jump in organic acreage is related to the conversion of conventional dairy operations to organic in 2006.

## Recapitulation

ITEM	2008	2007
Field Crops	\$ 10,483,400	\$ 10,028,254
Vegetable Crops	1,183,700	1,246,000
Fruit & Nut Crops	1,523,000	1,604,000
Nursery Production	49,414,576	47,282,569
Livestock & Poultry	23,888,736	24,823,829
Livestock & Poultry Products	44,742,414	47,036,000
<u>Timber</u>	<u>107,944,884</u>	<u>151,530,736</u>
Grand Totals:	\$239,180,710	\$283,551,388

## County Biological Control

PEST	AGENT / MECHANISM	2008	2007
<b>TANSY RAGWORT</b> ( <i>Senecio jacobaeae</i> )	Ragwort flea beetle ( <i>Longitarsus jacobaeae</i> )	7 sites	7 sites
<b>YELLOWSTAR THISTLE</b> ( <i>Centaurea solstitialis</i> )	Seed-head weevil ( <i>Bangasternus orientalis</i> )	widely distributed	
	Gall fly ( <i>Urophora sirunaseva</i> )	widely distributed	
	Hairy weevil ( <i>Eustenopus villosus</i> )	widely distributed	
	Fungus ( <i>Puccinia jaceae</i> var. <i>solstitialis</i> )	Failed to Establish	
<b>KLAMATH WEED</b> ( <i>Hypericum perforatum</i> )	Leaf & root weevil ( <i>Chrysolina quadrigemina</i> )	widely distributed	
<b>PURPLE LOOSESTRIFE</b> ( <i>Lythrum solicaria</i> )	Leaf Feeding Beetle ( <i>Galeruceila californiensis</i> )	2 sites	2 sites

## Pest Exclusion

	METHOD OF CONVEYANCE	2008	2007
NUMBER OF INSPECTIONS	UPS/PO/FedEx	5843	5765
REJECTIONS*	"	55	47
CERTIFICATION/LABELING VIOLATIONS	"	41	22
VARIOUS PLANT PESTS	"	14	5
		<u>Nurseries Under Compliance</u>	
SUDDEN OAK DEATH MORTALITY PROGRAM		25	22

\* Shipments rejected and/or destroyed.

Please note: 1 rejection for pests was a shipment of live rattlesnakes

## Pest Detection

PEST DETECTION activities are focused on the search for pests which are not known to exist in the State or are of limited distribution throughout California. Detection trapping activities are conducted locally for insect pests such as Gypsy Moth and Japanese beetle. In addition, field surveys are continually being conducted throughout Humboldt County in order to locate and identify noxious weeds, plant diseases and vertebrate pests.

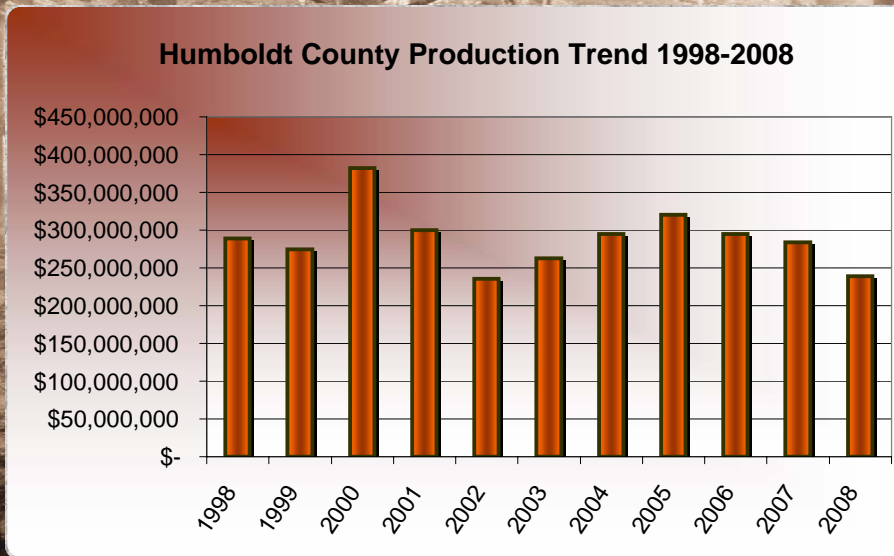
TYPE	INSECT TRAPS DEPLOYED		NO. SERVICINGS	
	2008	2007	2008	2007
GYPSEY MOTH	248	248	1,488	1,488
GLASSY-WINGED SHARPSHOOTER	100	100	1,300	1,300
JAPANESE BEETLE	24	24	144	144
EXOTIC WOOD BORING BEETLE	40	4	24	24
EUROPEAN PINE SHOOT MOTH	6	6	6	6
EXOTIC MOTH SURVEY	40	60	320	360





*Humboldt County Agricultural Production Totals  
1998-2008*

Commodity Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Field Crops/Hay & Pasture	\$ 8,177,800	\$ 8,200,500	\$ 7,972,300	\$ 8,998,750	\$ 8,977,650	\$ 9,326,000	\$ 9,261,100	\$ 9,530,600	\$ 10,818,100	\$ 10,041,066	\$ 10,483,400
Vegetable Crops	\$ 676,000	\$ 763,208	\$ 814,190	\$ 952,000	\$ 987,800	\$ 868,000	\$ 880,700	\$ 920,000	\$ 900,000	\$ 1,246,000	\$ 1,183,700
Fruit/Nut Crops	\$ 91,000	\$ 111,568	\$ 430,246	\$ 506,850	\$ 683,100	\$ 698,000	\$ 714,300	\$ 811,000	\$ 760,000	\$ 1,604,000	\$ 1,523,000
Nursery Stock	\$ 23,226,500	\$ 25,806,000	\$ 32,859,191	\$ 33,952,000	\$ 35,321,300	\$ 35,858,600	\$ 40,793,400	\$ 43,460,700	\$ 49,116,900	\$ 47,282,569	\$ 49,414,576
Livestock/Poultry	\$ 14,548,760	\$ 19,936,281	\$ 21,020,200	\$ 22,347,800	\$ 22,579,750	\$ 24,872,700	\$ 23,468,800	\$ 23,986,000	\$ 24,188,200	\$ 24,812,697	\$ 23,886,910
Livestock/Poultry Products	\$ 39,055,200	\$ 38,283,000	\$ 33,636,400	\$ 42,972,000	\$ 31,734,400	\$ 43,170,300	\$ 45,721,000	\$ 42,507,700	\$ 30,997,200	\$ 47,036,000	\$ 44,722,600
Timber	\$ 203,494,572	\$ 181,487,821	\$ 285,232,953	\$ 190,571,200	\$ 134,963,400	\$ 148,024,400	\$ 174,456,900	\$ 198,958,000	\$ 178,006,700	\$ 151,530,736	\$ 107,944,884
<b>Totals</b>	<b>\$ 289,269,832</b>	<b>\$ 274,588,378</b>	<b>\$ 381,965,480</b>	<b>\$ 300,300,600</b>	<b>\$ 235,247,400</b>	<b>\$ 262,818,000</b>	<b>\$ 295,296,200</b>	<b>\$ 320,174,000</b>	<b>\$ 294,787,100</b>	<b>\$ 283,553,068</b>	<b>\$ 239,159,070</b>





DEPARTMENT OF AGRICULTURE  
COUNTY OF HUMBOLDT

5630 SOUTH BROADWAY EUREKA, CALIFORNIA 95503  
PHONE (707) 441-5260

*A. G. Kawamura, Secretary  
California Department of Food and Agriculture  
and  
Honorable Board of Supervisors, Humboldt County  
Clif Clendenen, Chairman  
Mark Lovelace  
Bonnie Neely  
Jimmy Smith  
Jill Duffy*

*I am pleased to present Humboldt County's 2009 Crop and Livestock Report in accordance with Sections 2272 and 2279 of the California Food and Agriculture Code. The following summary represents gross agricultural receipts for the year 2009, but does not reflect production costs or net income to the producers.*

*The County's total gross value of agricultural production is \$140,466,304, which is a decrease of 42% from last year. Negative economic factors affected timber, nursery stock and dairy producer's gross receipts. Decreases in timber production (52%) accounted for 80% of the total reduction of production value as compared to 2008. Our leading agricultural commodities are ranked as follows.*

<i>Nursery Stock (cut flowers, ornamental &amp; forest tree production).....</i>	<i>\$40,230,454</i>
<i>Milk &amp; Milk Products .....</i>	<i>36,925,311</i>
<i>Timber Production .....</i>	<i>28,742,457</i>
<i>Field Crops (alfalfa, silage, range, etc).....</i>	<i>13,392,040</i>
<i>Livestock (beef cattle &amp; calves, sheep, lambs &amp; misc.).....</i>	<i>12,582,680</i>
<i>Aquaculture .....</i>	<i>5,819,055</i>
<i>Fruit &amp; Nut Crops.....</i>	<i>1,561,075</i>
<i>Vegetable Crops.....</i>	<i>\$1,213,232</i>

*A word of personal thanks goes to my office staff, the County's Agricultural Industry, participating agencies and individuals all of which deserve credit and thanks for contributing to this report.*

*Respectfully submitted,*

*Jeff M. Dolf  
Agricultural Commissioner*

## Field Crops

ITEM	YEAR	HARVEST ACREAGE	PRODUCTION PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL VALUE
<b>Hay (All)</b>	<b>2009</b>	<b>2,550</b>	<b>3.10</b>	<b>7,905</b>	<b>Ton</b>	<b>108.00</b>	<b>\$853,740</b>
	2008	2,550	3.00	7,650	Ton	128.00	\$979,200
<b>Silage (All)</b>	<b>2009</b>	<b>973</b>	<b>26.0</b>	<b>25,298</b>	<b>Ton</b>	<b>50.00</b>	<b>1,264,900</b>
	2008	973	21.6	21,016	Ton	50.00	1,050,800
<b>Pasture (All)</b>	<b>2009</b>	<b>21,448</b>			<b>Acre</b>	<b>175.00</b>	<b>3,753,400</b>
	2008	21,448			Acre	175.00	3,753,400
<b>Range</b>	<b>2009</b>	<b>470,000</b>			<b>Acre</b>	<b>16.00</b>	<b>7,520,000</b>
	2008	470,000			Acre	10.00	4,700,000

*Includes: Alfalfa, grass, clover*

	<u>Totals</u>
<b>2009</b>	<b>\$13,392,040</b>
2008	\$10,483,400

## Vegetable Crops

ITEM	YR.	TOTAL VALUE
<b>Vegetable Crops</b>	<b>2009</b>	<b>\$1,213,232</b>
	2008	\$1,183,700

*Includes: Corn, potatoes, pumpkins, tomatoes, squash, cabbage, beans, peppers, mushrooms, alfalfa sprouts, etc.*

## Fruit & Nut Crops

ITEM	YR	TOTAL VALUE
<b>Miscellaneous</b>	<b>2009</b>	<b>\$1,561,075</b>
<b>Fruits &amp; Nuts</b>	2008	\$1,523,000*

*Includes: Apples, berries, cherries, chestnuts, figs, peaches, walnuts and grapes (wine & table)*

\*Estimate from National Agricultural Statistics Service 2007 Census of Agriculture

## Nursery Production

*The County's Nursery Inspection Program prevents the introduction and spread of agricultural pests through nursery stock and protects agriculture and the consumer against economic losses resulting from the sale of inferior, defective, or pest-infested nursery stock. The Nursery Inspection Program is financed primarily through nursery license and acreage fees. Nursery regulatory activities conducted by the County Agricultural Commissioners and their staffs are an integral part of the State's agricultural pest prevention system. Nursery inspection and regulatory activities have prevented numerous pests from being spread throughout agricultural and suburban communities by prevention and/or eradication of pests in the nursery stock.*

ITEM	YR.	TOTAL
Nursery Products	2009	\$40,230,454
	2008	\$49,414,576

*Includes: Cut flowers and decoratives, bedding plants, ornamentals and forest nursery tree production*

## Timber

ITEM	YR.	Production	Unit	TOTAL
Timber Production (All)	2009	\$110,197,000	Board Ft	\$27,494,550
	2008	\$227,339,000	Board Ft	\$104,800,964
Biomass & Composting	2009	256,771	Ton	\$1,247,907
	2008	500,000	Ton	\$3,143,920

\* Total includes softwood saw logs and miscellaneous products (Christmas trees, cull logs, fuel wood, pulp chips, hardwood logs, poles and pilings and miscellaneous small saw logs).

<u>Totals</u>	
2009	\$28,742,457
2008	\$107,994,884

## Livestock & Poultry, etc.

ITEM	YEAR	NO OF HEAD	TOTAL LIVE WEIGHT	UNIT	UNIT VALUE	TOTAL VALUE
<b>*Beef Cattle and calves</b>	<b>2009</b>	<b>27,800</b>	<b>145,672</b>	<b>CWT</b>	<b>\$84.60</b>	<b>\$12,232,851</b>
	<b>2008</b>	<b>26,790</b>	<b>140,647</b>	<b>CWT</b>	<b>\$93.70</b>	<b>\$13,178,623</b>
<b>Sheep and Lambs</b>	<b>2009</b>	<b>3,370</b>	<b>3,493</b>	<b>CWT</b>	<b>\$88.70</b>	<b>\$309,829</b>
	<b>2008</b>	<b>3,300</b>	<b>3,390</b>	<b>CWT</b>	<b>\$91.30</b>	<b>\$309,507</b>
<b>Aquaculture</b>	<b>2009</b>	<b>Oysters</b>		<b>AC</b>	<b>311</b>	<b>\$4,694,055</b>
		<b>Clams</b>			<b>(Combined)</b>	<b>\$1,125,000</b>
<b>**Miscellaneous</b>	<b>2009</b>					<b>\$40,000</b>

\*Includes : Cows, calves, bulls, steers

\*\*Includes: Chickens, turkey, swine, goats, etc.

	<u>Totals</u>
<b>2009</b>	<b>\$18,401,735</b>
<b>2008</b>	<b>\$23,888,736</b>

## Livestock & Poultry Products

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT		TOTAL VALUE
				ORGANIC	CONVENTIONAL	
<b>Market Milk</b>	<b>2009</b>	<b>1,761,046</b>	<b>CWT</b>	<b>\$26.00</b>	<b>\$11.26</b>	<b>\$30,212,499</b>
	<b>2008</b>	<b>2,012,941</b>	<b>CWT</b>		<b>\$17.80</b>	<b>\$35,830,349</b>
<b>Manufacturing Milk</b>	<b>2009</b>	<b>451,485</b>	<b>CWT</b>		<b>\$12.00</b>	<b>\$5,417,820</b>
	<b>2008</b>	<b>411,549</b>	<b>CWT</b>		<b>\$18.57</b>	<b>\$7,642,465</b>
<b>Miscellaneous*</b>	<b>2009</b>					<b>\$1,294,992</b>
	<b>2008</b>					<b>\$1,269,600</b>

\*Includes: Wool, apiary and dairy goat products

	<u>Totals</u>
<b>2009</b>	<b>\$36,925,311</b>
<b>2008</b>	<b>\$44,742,414</b>

# Humboldt County Sustainable Agriculture Report

The implementation of agricultural practices and programs which promote the economic viability of agriculture while minimizing the impacts of these practices and programs on natural resources and the environment is sustainable agriculture. The scope of Humboldt County's biological control programs and organic farming practices are summarized below.

## Organic and Certified Producers

ITEM	YEAR	NO. OF REGISTRANTS	EST. ACRES
Organic Registrants	2009	134	37,322
	2008	128	33,251
Certified Producers	2009	116	816
	2008	126	927
Farmer's Markets	2009	11	
	2008	14	

**CROPS CONSIST OF:** Beans, berries, cabbage, carrots, cherries, corn cucumbers, garlic herbs, flowers, lettuce, melons, mushrooms, onions, peaches, peas, potatoes, pumpkins, sprouts, squash, tomatoes, etc.

## Recapitulation

ITEM	2008	2009
Field Crops	\$10,483,400	\$13,392,040
Vegetable Crops	\$1,183,700	\$1,213,232
Fruit & Nut Crops	\$1,523,000	\$1,561,075
Nursery Production	\$49,414,576	\$40,230,454
Livestock & Poultry	\$23,888,736	\$18,401,735
Livestock & Poultry Products	\$44,742,414	\$36,925,311
Timber	\$107,944,884	\$28,742,457
<b>Grand Totals:</b>	<b>\$239,180,710</b>	<b>\$140,466,304</b>

# County Biological Control

*The Biological Control Program seeks to minimize the economic and environmental impact of noxious weed by introducing natural predators to control the wee pests through natural mechanisms (predation, parasitism, herbivory or other natural mechanisms). Bio-Control can also be an important component of Integrated Pest Management (IPM) programs. Humboldt County has imported and released the folloiwng biological Control organisms. Most have become widely distributed with varying degheeres of local population densities due to more or less favorable local environmental conditions.*

**Tansy Ragwort**, *Senecio jacobaeae*

**Tansy Flea Beetle** *Logitarsus jacobaeae*  
**Cinnabar Moth** *Tyria jacobaeae*

**Yellow Star Thistle** *Centaurea solstitialis*

**Seed Head Weevil** *Bangasternus orientalis*  
**Gall Fly** *Urophora sirunaseva*  
**Hairy Weevil** *Eustonopus villosus*

**Klamath Weed** *Hypericum perforatum*

**Leaf & Root Weevil** *Chrysolina quadrigemina*

**Purple Loosestrife** *Lythrum salicaria*

**Leaf-Feeding Beetle** *Galerucella californiensis*

## Pest Exclusion

*The County's High-risk Pest Exclusion Program conducts inspections of incoming plant material and other agricultural related products to prevent the introduction into Humboldt County of any serious plant diseases or insect pests that could be harmful to agriculture or the environment. See below a summary of Pest Exclusion inspection activities for 2009.*

<u>Hi Risk Exclusion Program</u>	<u>Method of Conveyance</u>	<u>2008</u>	<u>2009</u>
<b>Number of Inspections</b>	UPS, PO, Fed Ex	8668	<b>4325</b>
<b>Number of Rejections*</b>		59	<b>60</b>
<b>Live Pest Interceptions</b>		17	<b>3</b>
<b>A/Q Pest Interceptions**</b>		5	<b>1</b>
		<b>Nurseries Under Compliance</b>	
<u>Sudden Oak Death Mortality Program</u>		<u>2008</u>	<u>2009</u>
		22	<b>23</b>

\* Shipments rejected and/or destroyed

\*\* Known serious pests mandating local department action for control/eradication.

# Pest Detection

*PEST DETECTION activities are focused on the search for pests that are not known to exist in the State or are of limited distribution throughout California. Detection trapping activities are conducted locally for insect pests such as Gypsy Moth and Japanese beetle. In addition, field surveys are continually being conducted throughout Humboldt County in order to locate and identify noxious weeds, plant diseases and vertebrate pests.*

TYPE	INSECT TRAPS DEPLOYED		NO. SERVICINGS	
	2008	2009	2008	2009
■ European/Asian Gypsy Moth	418	369	2433	2,293
■ Glassy-Winged Sharpshooter	59	136	880	865
■ Japanese Beetle	27	24	144	119
■ Exotic Wood-Boring Beetle*	12	n/a	88	n/a
■ European Pineshoot Moth	6	6	34	31
■ Light Brown Apple Moth*	115	n/a	465	n/a



\*Program ended

European Gypsy Moth



## ***Humboldt County Agricultural Production 1999-2009***

Commodity Group	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Field Crops/Hay & Pasture	\$ 8,200,500	\$ 7,972,300	\$ 8,998,750	\$ 8,977,650	\$ 9,326,000	\$ 9,261,100	\$ 9,530,600	\$ 10,818,100	\$ 10,041,066	\$ 10,483,400	\$ 13,392,040
Vegetable Crops	763,208	814,190	952,000	987,800	868,000	880,700	920,000	900,000	1,246,000	1,183,700	1,213,232
Fruit/Nut Crops	111,568	430,246	506,850	683,100	698,000	714,300	811,000	760,000	1,604,000	1,523,000	1,561,075
Nursery Stock	25,806,000	32,859,191	33,952,000	35,321,300	35,858,600	40,793,400	43,460,700	49,116,900	47,282,569	49,414,576	40,230,454
Livestock/Poultry	19,936,281	21,020,200	22,347,800	22,579,750	24,872,700	23,468,800	23,986,000	24,188,200	24,812,697	23,886,910	18,492,735
Livestock/Poultry Products	38,283,000	33,636,400	42,972,000	31,734,400	43,170,300	45,721,000	42,507,700	30,997,200	47,036,000	44,722,600	36,925,311
Timber	181,487,821	285,232,953	190,571,200	134,963,400	148,024,400	174,456,900	198,958,000	178,006,700	151,530,736	107,944,884	28,742,457
Totals	\$ 274,588,378	\$ 381,965,480	\$ 300,300,600	\$ 235,247,400	\$ 262,818,000	\$ 295,296,200	\$ 320,174,000	\$ 294,787,100	\$ 283,553,068	\$ 239,159,070	\$ 140,557,304

