



DEPARTMENT OF AGRICULTURE  
COUNTY OF HUMBOLDT

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**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*

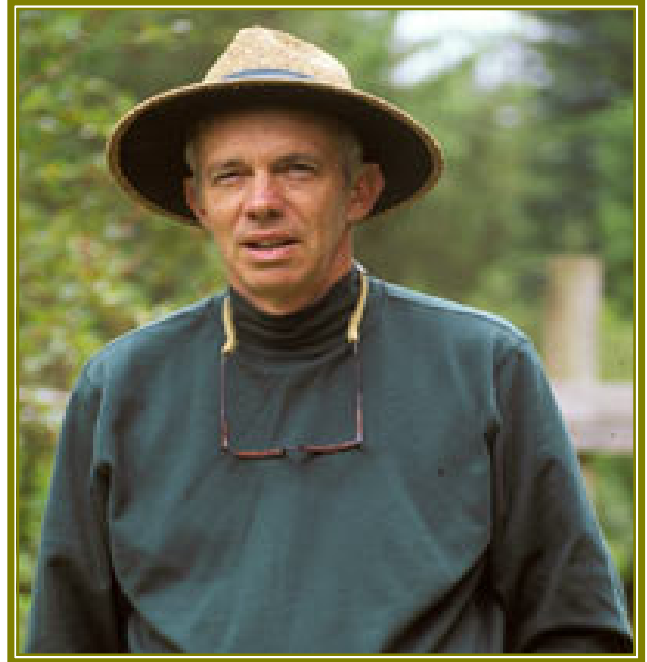
John E. Falkenstrom  
Agricultural Commissioner



## 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													
							<table border="1"> <tr> <td><b>Totals</b></td> <td><b>2006</b></td> <td><b>10,818,100</b></td> </tr> <tr> <td></td> <td><b>2005</b></td> <td><b>9,530,600</b></td> </tr> </table>	<b>Totals</b>	<b>2006</b>	<b>10,818,100</b>		<b>2005</b>	<b>9,530,600</b>
<b>Totals</b>	<b>2006</b>	<b>10,818,100</b>											
	<b>2005</b>	<b>9,530,600</b>											

## Vegetable Crops

ITEM	YEAR	TOTAL VALUE
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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
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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
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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>	2006	178,006,700
	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*
			No. Rejections		
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	-

