



DEPARTMENT OF AGRICULTURE
COUNTY OF HUMBOLDT

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California Department of Food and Agriculture
and

Honorable Board of Supervisors, Humboldt County

Roger Rodoni, Chairman

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

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

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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



Totals	2005	9,530,600
	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

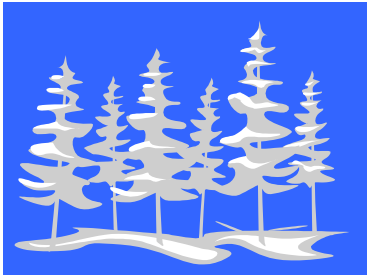
ITEM	YEAR	TOTAL VALUE
Miscellaneous Fruits and Nuts	2005	811,000
	2004	714,300

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

Nursery Production

ITEM	YEAR	TOTAL VALUE
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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
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Timber ¹ Production	2005	390,333,000	Board Feet	193,366,400
	2004	396,500,000	Board Feet	169,122,000

(All)

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

¹ 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).

² Biomass and Composting data were compiled for the first time in 2002.

TOTAL:	2005	198,958,000
	2004	174,456,900

Livestock & Poultry

ITEM	YR.	NO. OF HEAD	TOT. LIVE WT.	UNIT	VALUE PER UNIT	TOTAL
¹ 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
² Misc.	2005					3,717,400
	2004					3,538,900
TOTAL:						
						2005
						2004
						23,986,000
						23,468,800

¹ Includes: Cows, calves, bulls, steers

² 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
TOTAL:					
					2005
					2004
					42,507,700
					45,721,000

¹ Includes: Wool, apiary and dairy goat products

Organic and Certified Producers

ITEM	YEAR	NO. REGISTRANTS	EST. ACRES
Organic Registrants	2005	74	
	2004	72	
Certified Producers	2005	131	715*
	2004	142	624*
Farmer's Markets	2005	12	
	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>
Field Crops	\$ 9,530,600	\$ 9,261,100
Vegetable Crops	\$ 920,000	\$ 880,700
Fruit & Nut Crops	\$ 811,000	\$ 714,300
Nursery Production	\$ 43,460,700	\$ 40,793,400
Livestock & Poultry	\$ 23,986,000	\$ 23,468,800
Livestock & Poultry Products	\$ 42,507,700	\$ 45,721,000
Timber	\$198,958,000	\$174,456,900
GRAND TOTALS	\$ 320,174,000	\$ 295,296,200

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
TANSY RAGWORT (<i>Senecio jacobaea</i>)	Ragwort flea beetle (<i>Longitarsus jacobaeae</i>)	5 sites
YELLOWSTAR THISTLE (<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
KLAMATH WEED (<i>Hypericum perforatum</i>)	Leaf & root weevil (<i>Chrysolina quadrigemina</i>) (= <i>C. gemellata</i>)	Countywide
BULL THISTLE (<i>Cirsium vulgare</i>)	Bull Thistle Gall Fly (<i>Urophora stylata</i>)	9 sites
CANADA THISTLE (<i>Cirsium arvense</i>)	Gall Fly (<i>Urophora cardui</i>)	2 sites
ITALIAN THISTLE (<i>Carduus pycnocephalus</i>)	Seed weevil (<i>Rhinocyllus conicus</i>)	1 site
PURPLE LOOSESTRIFE (<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



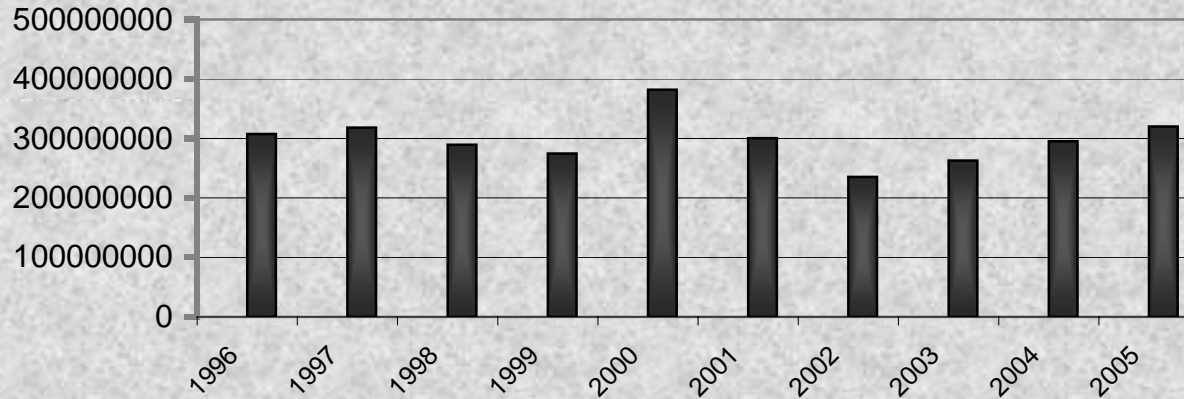
PEST DETECTION activities are focused on the search for pests which are not known to exist in the State or are of limited distribution throughout California. Detection trapping activities are conducted locally for insect pests such as Gypsy Moth and Japanese beetle. In addition, field surveys are continually 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>
Field Crops	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
Vegetable Crops	836,000	897,000	676,000	763,208	814,190	952,000	987,800	868,000	880,700	920,000
Fruit/Nut Crops	27,000	78,000	91,000	111,567	430,246	506,850	683,100	698,000	714,300	811,000
Dairy Production	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
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
Stock/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
Timber	<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>
Total	307,290,137	318,297,280	289,269,832	274,588,377	381,965,480	300,300,600	235,247,400	262,818,000	295,296,200	320,174,000