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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.

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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.

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

John E. Falkenstrom Acting Agricultural Commissioner

Field Crops

		HARVEST	PRODUCT PER			PER	VALUE
ITEM	YR.	ACREAGE	ACRE	TOTAL	UNIT	UNIT	TOTAL
Hay (All)	2005	1,950	3.00	5,850	Ton	135.00	789,800
Tiuy (Tiii)	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 2004	9,530,600 9,261,100
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ITEM	YEAR	TOTAL VALUE
Vegetable Crops	2005 2004	920,000 880,700

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 2004	811,000 714,300

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

Nursery Production

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



7imber

ITEM	YR.	PRODUCTION	UNIT	TOTAL VALUE
Timber ¹ Production	2005 2004	390,333,000 396,500,000	Board Feet Board Feet	193,366,400 169,122,000
(All) Biomass & ² Composting	2005 2004	422,000 410,377	Ton Ton	5,591,500 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	
TOTAL:	2004	174,456,900	

Livestock & Poultry

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

TOTAL: 2005 23,986,000 2004 23,468,800

Livestock and Poultry Products

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

¹ Includes: Wool, apiary and dairy goat products

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

¹ Includes: Cows, calves, bulls, steers

² Includes: Aquaculture, chickens, turkey, swine, goats, etc.

Organic and Certified Producers

ITEM	YEAR	NO. REGISTRANTS	EST. ACRES
Organic Registrants	2005	74	
Certified Producers	2004 2005	72 131	715*
Certified Floducers	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	Y	EAR
	<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	2005 \$ 320,174,000	2004 \$ 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
ΓANSY RAGWORT (Senecio jacobaea)	Ragwort flea beetle (Longitarsus jacobaeae)	5 sites
YELLOWSTAR THISTLE (Centaurea solstitialis)	Seed-head weevil (Bangasternus orientalis)	14 sites
(,	Gall fly (Urophora sirunaseva)	5 sites
	Hairy weevil (Eustenopus villosus)	24 sites
	Fungus (Puccinia jaceae var. solstitialis)	2 sites
KLAMATH WEED (Hypericum perforatum)	Leaf & root weevil (Chrysolina quadrigemina) (= C. gemellata)	Countywide
BULL THISTLE (Crisium vulgare)	Bull Thistle Gall Fly (Urophora stylata)	9 sites
CANADA THISTLE (Cilsium arvense)	Gall Fly (Urophora cardui)	2 sites
ITALIAN THISTLE (Carduus pycnocephalus)	Seed weevil (Rhinocyllus conicus)	1 site
PURPLE LOOSESTRIFE (Lythrum solicaria)	Leaf Feeding Beetle (Galeruceila calmariensis)	2 sites





<u>PEST EXCLUSION</u> 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.

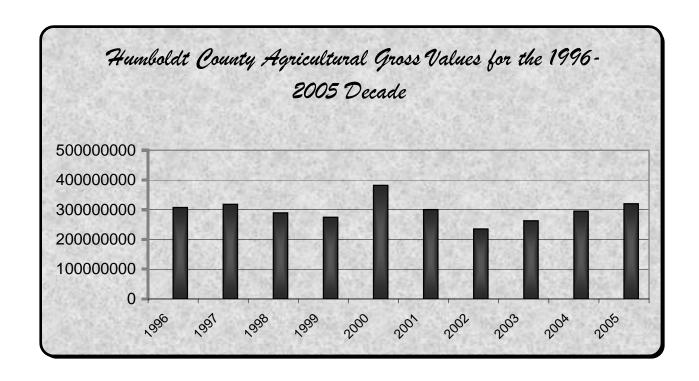
	Pest Exclusion				
No. Inspections	2005 11,578	METHOD OF CONVEYANCE	2005 No. Rejections 60*		
WILD GARLIC (Allium vineale)		UPS/Postal Shipments	0		
CERTIFICATION/LABELI	NG VIOLATIONS	UPS/Postal Shipments/FedEx	56		
VARIOUS PLANT PESTS		UPS/Postal Shipments/FedEx	4		
NOXIOUS WEEDS * Shipments rejected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



<u>PEST DETECTION</u> 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 2	etection
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ТҮРЕ	INSECT TRAPS	NO. SERVICINGS 2005
Gypsy Moth Glassy-Winged Sharpshooter Japanese Beetle	272 125 (inspections) 15	944 1,524 46
		•



	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	2000	2001	2002	2003	2004	<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
'egetable 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
sery 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
vestock/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
estock/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	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
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



DEPARTMENT OF AGRICULTURE COUNTY OF HUMBOLDT

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A. G. Kawamura, Secretary

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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.

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

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. 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

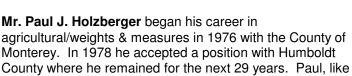


It is my pleasure to dedicate this 2006 Humboldt County Crop and Livestock Report in honor of the department's most recent retirees: Mr. Peter D. Haggard (retired July 2006) and Mr. Paul J. Holzberger (retired March 2007).

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. 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.

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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	PRODUCT PER ACRE	TOTAL	UNIT	PER UNIT	VALUE TOTAL
Hay (All)	2006 2005	2,200 1,950	3.00 3.00	6,600 5,850	Ton Ton	116.00 135.00	765,600 789,800
Silage (All)	2006 2005	1,050 1,050	23.00 20.00	34,500 21,000	Ton Ton	40.00 45.00	1,380,00 945,000
Pasture (All)	2006 2005	22,700 21,350			Acre Acre	175.00 145.00	3,972,5 0 3,095,80
Range	2006	470,000			Acre	10.00	4,700,00
	2005	470,000			Acre	10.00	4,700,00
Includes: Alfa		•	Vegeto	rble Crop	To	10.00 tals 2006	5 10,818,10
_		•	Vegete	rble Crop	To	tals 2000 2003	5 10,818,10
Includes: Alfa		•	<u>Vegeta</u> YEAR	rble Crop	To	tals 2000	
Includes: Alfa	nlfa, grass,	clover		rble Crop	To	tals 2000 2005	5 10,818,10
Includes: Alfa	TEM	clover	YEAR 2006 2005		is a second seco	TOTAL VALUE 900,000	5 10,818,16 5 9,530,66
Includes: Alfa Vegetable Includes: Corn Miscellane	TEM e Crops n, potatoes	s, pumpkins, tomat	YEAR 2006 2005 toes, squash, cabb	age, beans, pep	opers, mushroom	TOTAL VALUE 900,000 920,000 s, alfalfa sprouts, et	5 10,818,16 5 9,530,66
Vegetable Includes: Corn Miscellane and N	TEM e Crops n, potatoes eous Frui	s, pumpkins, tomat	YEAR 2006 2005 2008, squash, cabb 2006 2004	age, beans, pep	opers, mushroom	TOTAL VALUE 900,000 920,000 ss, alfalfa sprouts, et 760,000 811,000	5 10,818,16 5 9,530,66

Totals	2006	10,818,100
	2005	9,530,600

ITEM	YEAR	TOTAL VALUE
Vegetable Crops	2006 2005	900,000 920,000

Nursery Production

		TOTAL
ITEM	YEAR	VALUE

Cut flowers and decoratives, bedding plants, ornamentals and forest nursery tree

2006 2005 49,116,900 43,460,700



ITEM	YR.	PRODUCTION	UNIT	TOTAL VALUE

bedding plants, ornam and forest nursery tree production				13,460,700
		Timber		
ITEM	YR. PR	ODUCTION	UNIT	TOTAL VAI
Timber ¹ Production (All)		336,743,000 390,333,000	Board Feet Board Feet	171,631 193,366
Biomass & ² Composting	2006 2005	500,000 422,000	Ton Ton	6,375 , 5,591,
fuel wood, pulp chips, hapilings and miscellaneou	(Christmas trees, cull logs, ardwood logs, poles and is small saw logs). ting data were compiled for	TOTAL:		78,006,700 98,958,000
		2		

TOTAL:	2006	178,006,700	
	2005	198,958,000	

Livestock & Poultry

			TOT.		VALUE	
ITEM	YR.	NO. OF HEAD	LIVE WT.	UNIT	PER UNIT	TOTAL
¹ Beef Cattle	2006	28,500	149,700	CWT	89.30	13,368,200
	2005	27,8001	146,000	CWT	90.80	13,257,000
Dairy Cows	2006	20,800		HEAD		6,448,000
and Calves (all)	2005	21,300		HEAD		6,603,000
1	2006	3,800	3,938	CWT	84.00	330,800
Lambs (all)	2005	4,000	4,146	CWT	98.52	408,500
` '	3006					4,041,200
² Misc. 2	2006 2005					3,717,400
² Misc. 2				TOTAL:	2006	
² Misc. 2	2005 ws, calve		ey, swine, goats, et		2006 2005	24,986,000
² Misc. 2	2005 ws, calve	e, chickens, turk			2005	
² Misc. 2	2005 ws, calve	e, chickens, turk		c.	2005 ducts	24,986,000 23,896,000
² Misc. 2	2005 ws, calve	e, chickens, turk		c.	2005	24,986,000
¹ Includes: Cov ² Includes: Aqu	ws, calve uacultur	e, chickens, turk Live	estock and f	c. Poultry Production	2005 ducts PER UNIT	24,986,000 23,896,000 VALUE TOTAL
¹ Includes: Cov ² Includes: Aqu	2005 ws, calve uacultur	e, chickens, turk Live PRO 06 1,	estock and f	c. Poultry Prod	2005 ducts PER	24,986,000 23,896,000 VALUE
¹ Includes: Cov ² Includes: Aqu TTEM Market Milk	YEAR 200 200 200	PRO 06 1, 05 1,	ESTOCK AND 1 DUCTION 695,994 ,973,999 725,399	c. Poultry Prod UNIT CWT CWT CWT	2005 Aucts PER UNIT 12.19 14.76 12.48	24,986,000 23,896,000 VALUE TOTAL 20,674,200 29,144,000 9,053,000
¹ Includes: Cov ² Includes: Aqu TTEM Market Milk Manufacturing	ws, calve uacultur YEAR 20	PRO 06 1, 05 1,	DUCTION 695,994 973,999	c. Poultry Prod UNIT CWT CWT	2005 Lucts PER UNIT 12.19 14.76	VALUE TOTAL 20,674,200 29,144,000
¹ Includes: Cov ² Includes: Aqu	2005 Ws, calve uacultur YEAR 20 200 200 200	PRO 06 1, 05 1, 06 25	ESTOCK AND 1 DUCTION 695,994 ,973,999 725,399	c. Poultry Prod UNIT CWT CWT CWT	2005 Aucts PER UNIT 12.19 14.76 12.48	24,986,000 23,896,000 23,896,000 20,674,200 29,144,000 9,053,000 12,865,000 1,270,000
¹ Includes: Cov ² Includes: Aqu TTEM Market Milk Manufacturing Milk Misc. Misc. Misc.	2005 Ws, calve uacultur 20 200 200 200 200	PRO 06 1, 05 1, 06 25	DUCTION 695,994 973,999 725,399 870,366	c. Poultry Prod UNIT CWT CWT CWT	2005 Aucts PER UNIT 12.19 14.76 12.48	24,986,000 23,896,000 23,896,000 20,674,200 29,144,000 9,053,000 12,865,000

TOTAL:	2006	24,986,000
	2005	23,896,000

Livestock and Poultry Products

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

Includes: Wool, apiary and dairy goat products

TOTAL:	2006	30,997,200
	2005	42.507.700
	2005	42,507,700

¹ Includes: Cows, calves, bulls, steers

² Includes: Aquaculture, chickens, turkey, swine, goats, etc.

Organic and Certified Producers

YEAR	NO. REGISTRANTS	EST. ACRES
2006	115 74	17,480 ¹
2006	137	927 715
2006	13	713
	2006 2005 2006 2005 2006	2006 115 2005 74 2006 137 2005 131

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

<u>Org</u>	wie and Ce	rtified Producers	
ITEM	YEAR	NO. REGISTRANTS	EST. ACRES
Organic Registrants ¹	2006	115	17,480 ¹
Certified Producers	2005 2006	74 137	927
	2005	131	715
Farmer's Markets	2006 2005	13 12	
ITEM		YEAR	
	200	<u>6</u>	<u>2005</u>
Field Crops	\$ 10,818	100	
•	ψ 10,010	3,100	\$ 9,530,600
Vegetable Crops),000	\$ 9,530,600 \$ 920,000
Vegetable Crops	\$ 900		
Vegetable Crops Fruit & Nut Crops	\$ 900),000),000	\$ 920,000
Vegetable Crops Fruit & Nut Crops Nursery Production	\$ 900 \$ 760	0,000 0,000 6,900	\$ 920,000 \$ 811,000
Vegetable Crops Fruit & Nut Crops Nursery Production Livestock & Poultry	\$ 900 \$ 760 \$ 49,110	0,000 0,000 6,900 8,200	\$ 920,000 \$ 811,000 \$ 43,460,700
Vegetable Crops Fruit & Nut Crops Nursery Production Livestock & Poultry Livestock & Poultry Products	\$ 900 \$ 760 \$ 49,110 \$ 24,186	0,000 0,000 6,900 8,200 7,200	\$ 920,000 \$ 811,000 \$ 43,460,700 \$ 23,986,000
Vegetable Crops Fruit & Nut Crops Nursery Production Livestock & Poultry Livestock & Poultry Products Fimber	\$ 900 \$ 760 \$ 49,110 \$ 24,180 \$ 30,990 \$178,000	0,000 0,000 6,900 8,200 7,200 6,700	\$ 920,000 \$ 811,000 \$ 43,460,700 \$ 23,986,000 \$ 42,507,700 \$198,958,000
Vegetable Crops Fruit & Nut Crops Nursery Production Livestock & Poultry Livestock & Poultry Products Fimber	\$ 900 \$ 760 \$ 49,110 \$ 24,180 \$ 30,990 \$178,000	0,000 0,000 6,900 8,200 7,200 6,700	\$ 920,000 \$ 811,000 \$ 43,460,700 \$ 23,986,000 \$ 42,507,700 \$198,958,000

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

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
1 E31	AGENT/MECHANISM	2003
ΓANSY RAGWORT	Ragwort flea beetle	5 sites
(Senecio jacobaea)	(Longitarsus jacobaeae)	
YELLOWSTAR THISTLE	Seed-head weevil	14 sites
(Centaurea solstitialis)	(Bangasternus orientalis)	~ .
	Gall fly	5 sites
	(Urophora sirunaseva)	24 :
	Hairy weevil	24 sites
	(Eustenopus villosus) Fungus	
	(Puccinia jaceae var. solstitialis)	2 sites
KLAMATH WEED	Leaf & root weevil	2 3103
(Hypericum perforatum)	(Chrysolina quadrigemina)	Countywide
(11) portouni portorucum)	(= C. gemellata)	County Wide
BULL THISTLE	Bull Thistle Gall Fly	9 sites
(Crisium vulgare)	(Urophora stylata)	
CANADA THISTLE	Gall Fly	2 sites
(Cilsium arvense)	(Urophora cardui)	
ITALIAN THISTLE	Seed weevil	1 site
(Carduus pycnocephalus)	(Rhinocyllus conicus)	
PURPLE LOOSESTRIFE	Leaf Feeding Beetle	2 sites
(Lythrum solicaria)	(Galeruceila calmariensis)	





<u>PEST EXCLUSION</u> 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.

		<u> </u>			
No. Inspections	2006 2005 9,677 11,578	METHOD OF CONVEYANCE	2006 27 No. Re	2005 60* jections	
CERTIFICATION/LA	BELING VIOLATIONS	UPS/Postal Shipments/FedEx	22	56	

SUDDEN OAK DEATH MORTALITY PROGRAM

UPS/Postal Shipments/FedEx

5

VARIOUS PLANT PESTS

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.

Dest Detection

TYPE	INSECT TRAP	S DEPLOYED	NO. SERV	VICINGS
11rc	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	-

¹⁸ Nurseries Under Compliance

^{*} Shipments rejected and/or destroyed.



	<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>
Field Overe	0.000.700	0.177.000	0.000.500	7 070 200	0.000.750	0.077.650	9.326.000	0.064.400	0.520.600	10.010.100
Field Crops	8,223,780	8,177,800	8,200,500	7,972,300	8,998,750	8,977,650	-,,	9,261,100	9,530,600	10,818,100
Vegetable Crops	897,000	676,000	763,208	814,190	952,000	987,800	868,000	880,700	920,000	900,000
Fruit/Nut Crops	78,000	91,000	111,567	430,246	506,850	683,100	698,000	714,300	811,000	760,000
Nursery Production	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
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
Livestock/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
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
Total	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	294,787,100

Commodity Group	19	51	1952		1953	1954	1955	1956	1957	19	958	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	2,720,204	\$ 2,698,091	\$ 2,667,540	\$	2,747,675
Vegetable Crops	\$ 14	15,094		\$	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	\$ 5	1,681		\$	30,945				\$ 28,866	\$	24,091		\$	28,951	\$ 29,784	\$ 37,116	\$	24,595	\$	29,457	\$ 20,317	\$ 28,121	\$	27,613
Nursery Stock	\$ 80	04,481		\$	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	3,127,604				\$ 10,212,459	\$ 9,4	463,747													
Livestock/Poultry													\$	2,589,361	\$ 2,320,370	\$ 2,622,048	\$	2,485,209	\$ 2	2,422,378	\$ 2,280,127	\$ 2,532,610	\$	2,551,428
Livestock/Poultry Products	\$ 60	7,979								\$ 3	371,947		\$	6,969,533	\$ 7,173,997	\$ 6,827,006	\$	6,907,714	\$ 7	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	\$ 1,61	12,995	*	\$ 14	1,737,931	*	*	*	\$ 11,549,701	\$ 10,8	810,315	*	\$ 1	12,619,464	\$ 12,792,611	\$ 12,747,145	\$ 1	2,986,866	\$ 13	3,196,412	\$ 11,652,379	\$ 13,399,419	\$ 1	13,755,230

Other Items

Other Remo												
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

shift- sheep/cattle

floods

Comments

^{**}Information Withheld Due to Privacy Issues



^{*}Information Unavailable

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 S	\$ 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 5	\$ 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 5	\$ 144,000	\$ 159,900	\$ 150,000	\$ 70,800	\$ 5,000	\$ -								
*Apiary Products S	\$ 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		

near drought

Comments

*Information Unavailable

**Information Withheld Due to



cool temps

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	\$ 1	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	\$ 3	303,580,000

Other Items

Other Rema											
Bark Products											
Decorative Greens											
Christmas Trees Cut (ea)								$I_{\perp}I_{\perp}$			
Timber Cut (Mil. Bd. Ft.)	489,435,000	469,655,000	546,990,000	652,939	854,711	663	610		\	488	492

Comments

^{**}Information Withheld Due to



^{*}Information Unavailable

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										\$ 198,958,000	
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.)			A				
				WÎ ,			

Comments

^{**}Information Withheld Due to



Constitutes Miscellaneous

^{*}Information Unavailable



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.

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

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,

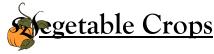
Jeff M. Dolf

Agricultural Commissioner



			ieia Cro	<u>ops</u>			
ITEM	YR.	HARVEST ACREAGE	PRODUCTION PER ACRE	TOTAL	UNIT	PER UNIT	VALUE TOTAL
Hay (All)	2007 2006	2,420 2,200	3.00 3.00	7,260 6,600	Ton Ton	108.00 116.00	\$784,080 765,600
Silage (All)	2007 2006	956 1,050	23.00 23.00	21,998 34,500	Ton Ton	38.00 40.00	835,924 1,380,000
Pasture (All)	2007 2006	21,190 22,700			Acre Acre	175.00 175.00	3,708,250 3,972,500
Range	2007 2005	470,000 470,000		75	Acre Acre	10.00 10.00	4,700,000 4,700,000
Vocatell	O#0	e g	<u>etable C</u>	<u>L</u> Crops	2006	10,8	1.247.000
Vegetable (C rops des: Corn, po	2007 2006 tatoes, pumpkins, tomato	etable C	Crops e, beans, peppers,	mushrooms, al	*\$	1,246,000 900,000 , etc.
Vegetable (Inclusion) Inclusion Miscellane and Nu	Crops des: Corn, po ous Fruits	2007 2006 tatoes, pumpkins, tomato 2007 2006	etable C	Crops e, beans, peppers, It Crop	mushrooms, al	*\$ falfa sprouts	1,246,000 900,000 , etc. 1,604,000 760,000
Vegetable (Inclu Miscellanee and Nu	Crops des: Corn, po ous Fruits its Includes	### ##################################	petable Copes, squash, cabbag	crops e, beans, peppers, t Crop	mushrooms, al	*\$ falfa sprouts /table)	1,246,000 900,000 , etc. 1,604,000 760,000

Totals	2007 2006	\$10,028,254 10,818,100





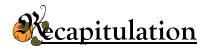


	urse	ery Product	tion_	
ITEM		YEAR		TOTAL VALUE
Cut flowers and dec bedding plants, orna and forest nursery to production	coratives, amentals ree	2007 2006		\$47,282,569 49,116,900
		PRODUCTION 296,840,000 336,743,000		
TEM	YR.	PRODUCTION	UNIT	TOTAL VALUE
Timber ¹ Production (All)	2007 2006	296,840,000 336,743,000 239,493 500,000 as products (Christmas trees ags and miscellaneous small	Board Feet Board Feet	\$147,117,320 171,631,700
Biomass & Composting	2007 2006	239,493 500,000	Ton Ton	\$4,413,410 6,375,000
tal includes softwood saw	logs and miscellaneou and pilin	s products (Christmas trees gs and miscellaneous small	s, cull logs, fuel wood, pul l saw logs).	p chips, hardwood log
		TOTAL:	2007 \$ 2006	151,530,736 178,006,700
		THE PARTY OF THE P		
			NAME OF THE OWNER OWNER OF THE OWNER OWNE	

ITEM	YR.	PRODUCTION	UNIT	TOTAL VALUE
作表示				
Timber 1	2007	296,840,000	Board Feet	\$147,117,326
Production (All)	2006	336,743,000	Board Feet	171,631,700
Biomass &	2007	239,493	Ton	\$4,413,410
Composting	2006	500,000	Ton	6,375,000

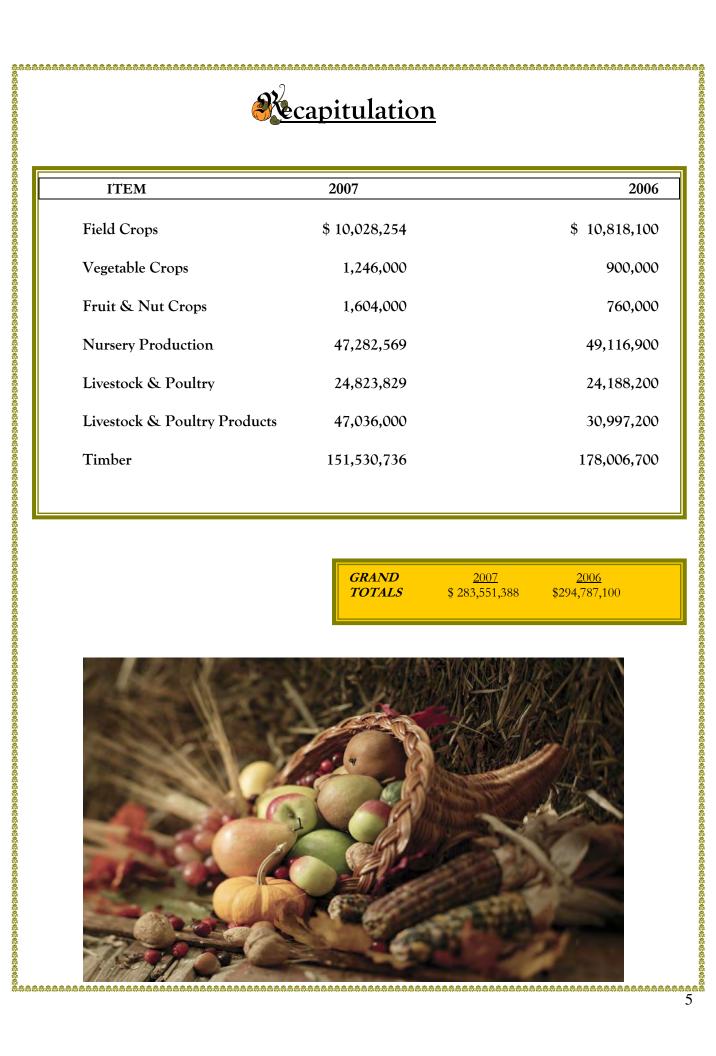
ITEM	YEAR	NO. OF HEAD	LIVE WT.	UNIT	TOTAL PER UNIT	VALUE TOTAL
¹ Beef Cattle and Calves	2007 2006	28,200 28,500	148,050 149,700	CWT CWT	93.70 89.30	\$13,872,285 13,368,200
Dairy Cows and Calves (all)	2007 2006	21,150 20,800		HEAD HEAD	A P	6,556,500 6,448,000
Sheep and Lambs	2007 2006	3,370 3,800	3,493 3,938	CWT CWT	90.50 84.00	316,117 330,800
(all)						
	2007 2006					4,078,927 4,041,200
(all) ² Misc. Includes: Cows, Includes: Aquac	2006 calves, bulls ulture, chick	ens, turkey, swii		TOTAL:	2007 2006 ducts	4,041,200 \$24,823,829 24,986,000
(all) ² Misc. Includes: Cows, Includes: Aquac	2006 calves, bulls ulture, chick	ens, turkey, swii			2006	4,041,200 \$24,823,829 24,986,000
(all) ² Misc. Includes: Cows, Includes: Aquac	2006 calves, bulls ulture, chick	ens, turkey, swii			2006	4,041,200 \$24,823,829 24,986,000
(all) ² Misc. Includes: Cows, Includes: Aquac	2006 calves, bulls ulture, chick	ens, turkey, swii			2006	4,041,200 \$24,823,829 24,986,000
(all) ² Misc. Includes: Cows, Includes: Aquac	2006 calves, bulls ulture, chick	ens, turkey, swii			2006	4,041,200 \$24,823,829 24,986,000
(all) ² Misc. Includes: Cows, Includes: Aquac	2006 calves, bulls ulture, chick	ens, turkey, swii			2006	4,041,200 \$24,823,829 24,986,000

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	2007	563,598	CWT	19.01	10,714,000
Milk	2006	725,399	CWT	12.48	9,053,000
Misc. ¹	2007 2006				1,308,000 1,270,000



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

GRAND	<u>2007</u>	<u>2006</u>
TOTALS	\$ 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

ITEM	YEAR	NO. REGISTRANTS	EST. ACRES
Organic Registrants ¹	2007	117	$32,500^{1}$
	2006	115	17,480
Certified Producers	2007	125	750
	2006	137	927
Farmer's Markets	2007	12	
	2006	13	

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		Widely Distributed	Widely Distributed
(Centaurea solstitialis)	(Bangasternus orientalis) Gall fly Urophora sirunaseva)	•	Widely Distributed
	Hairy weevil (Eustenopus villosus) Fungus (Provincia in accompany alakisis)	,	Widely Distributed
	(Puccinia jaceae var. solstitiali	s) Falled to	Establish
KLAMATH WEED (Hypericum perforatum)	Leaf & root weevil (Chrysolina quadrigemina) (= C. gemellata)	Countywide	Widely Distributed
PURPLE LOOSESTRIFE (Lythrum solicaria)	Leaf Feeding Beetle (Galeruceila calmariensis)	2 sites	2 sites

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

Pest Exclusion

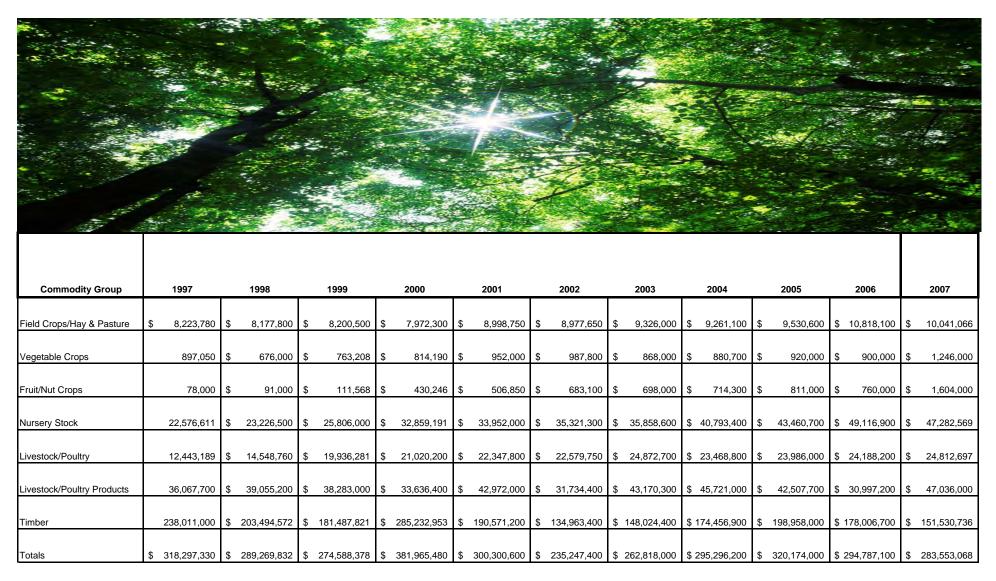
PEST EXCLUSION involves the systematic inspection of incoming shipments of plant materials and other high risk and articles which enter Humboldt County at post offices and other terminals (truck lines, United Parcel, air freight, commercial vessels, etc.). The primary objective is to prevent the introduction 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 Ins	spections	METHOD OF CONVEYANCE	Rejection	ns
2007	2006		2007	2006
5,765	9,677		47*	27
CERTIFICAT	TION/LABELING VIOLATIONS	UPS/Postal Shipments/FedEx		22
VARIOUS PI	LANT PESTS	UPS/Postal Shipments/FedEx	5	5
SUDDEN OA	K DEATH MORTALITY PROG	RAM	22 Nur Under Cor	
* Shipments r	ejected and/or destroyed.			
		20.4		

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.

ТҮРЕ	INSECT TRAP	S DEPLOYED	NO. SERVI	CINGS
	<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





Crop Report 2008

HUMBOLDT COUNTY 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

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
Mílk & Mílk Products	44,742,414
Livestock (beef cattle & calves, sheep, lambs & misc.)	23,888,736
Field Crops (alfalfa, sílage, range, etc)	
Fruit & Nut Crops	
vegetable crops	

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,

feet In Dack

1P.FFM. 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 (rops

22	001	100	011
PR	ODV	(C/I)	ON

Field Crops PRODUCTION									
ITEM	YR.	HARVEST ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	VALI TOTA		
110(All)	2000	0.550		7.650		400.00	#070 O		
Hay (All)	2008	2,550 2,420	3.00	7,650 7,260	Ton	128.00	\$979,20 784,08		
Silage (All)	2008	973	21.6	21,016	Ton	50.00	1,050,80		
	2007	956	23.00	21,998	Ton	38.00	835,92		
Pasture (All)	2008	21,448		-	Acre	175.00	3,753,40		
	2007	21,190	No. 1		Acre	175.00	3,708,23		
边层。									
Range	2008	470,000 470,000			Acre Acre	10.00	4,700,00		
	2007	() 0,000	A1 C-1	C .	7 (616	20.00	(,) 00,00		
			includes: Alfai	fa, grass, clover	2 - E		925		
A SHEET				Tota		\$10,48			
					2007	10,02	8,254		
			1/ /	1					
			Vegetab	ole Crop	<u>5</u>				
ITEN	1		YEAR			7	TOTAL VALI		
Alen Ma	3011.98E	ENERGY	(60 L 62 LE	NEW MIGHT	(1)	Ex No	50 (1982)		
Vegeta	able Crops		2008			\$1,183,700 1,246,000			
Includes:	Corn, pota	itoes, pumpkins,	2007 tomatoes, squash,	cabbage, beans, po	eppers, mushr				
						100			
		F	ruit and	Nut Cro	ops				
	1		YEAR			7	OTAL VALI		
ITEN		the second of	Carrier Laboration		66371 (517)	Early	953		
	S. 1 1952	KEWEUN	63 4621 2			\$1,523,000			
Míscel	llaneous F	Fruíts	2008		La Posa d	"			
Míscel	Nuts		2007	fias Deaches walk	uuts and avan	1,	604,000		
Míscel	Nuts			figs, peaches, walv	uuts and graf	1,	604,000		
Míscel and	Nuts Includes:	apples, berríes, c	2007		200	1,	604,000		
Míscel and	Nuts Includes:	apples, berríes, c	2007 herries, chestnuts, t		200	1,	604,000		

Vegetable Crops

ruit and Nut Crops

Nursery Production

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

Timber

ITEM	YR.	PRODUCTION	UNIT	TOTAL VALUE
Tímber Productíon	2008	22 7 ,339,000	Board Feet	\$104,800,964
(All)	2007	296,840,000	Board Feet	147,117,326
Bíomass g	2008	500,000	Ton	3,143,920
Composting	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	2008	26,790	140,647	CWT	93.70	\$13,178,623
and Calves	2007	28,200	148,050	CWT	93.70	13,892,285
Dairy Cows	2008	21,150		HEAD	>	6,556,500
and Calves	2007	21,150	1	HEAD		6,556,500
Sheep and	2008	3,300	3,390	CWT	91.30	309,507
Lambs	2007	3,370	3,493	CWT	90.50	316,117
**Mísc.	2008					3,844,106
	2007					4,078,927
				TOTAL:	2008	\$23,888,736 24.823.829

^{*}Includes: Cows, calves, bulls, steers

Livestock and Poultry Products

ITEM	YEAR	PER PRODUCTION	VALUE UNIT		UNIT	TOTAL
NAONA NASILA					17.00	ho= 000 040
Market Mílk	2008	2,012,941	CWT		17.80	\$35,830,349
	2007	1,845,756	CWT		18.97	35,014,000
Manufacturing	2008	411,549	CWT		18.57	7,642,465
Mílk	2007	563,598	CWT		19.01	10,714,000
Mísc.1	2008	Sell at Depth Office	SALE DE	100		1,269,600
	2007					1,308,000
Includes: Wool, apí	ary and dai	ry goat products	TOTAL:	2008		\$44,742,414
				2007		47,036,000

^{**}Includes: Aquaculture, chickens, turkey, swine, goats, etc.

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
2 194,740	2007	To the second second	
Certified Producers	2008	126	927
	2007		
Farmer's Markets	2008	14	
	2007	12	

CRO<u>PS CONSIST OF:</u> 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	200 7
Field Crops	\$ 10,483,400	\$ 10,028,254
Vegetable Crops	1,183, 7 00	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
Tímber	107,944,884	<u> 151,530,736</u>
Grand Totals:	\$239,180,710	\$283,551,388

^{*} 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.

County Biological Control

PEST	AGENT/MECHANISM	2008	2007
TANSY RAGWORT (Senecio jacobaeae)	Ragwort flea beetle (Longitarsus jacobaeae)	チ sítes	ヲ sítes
YELLOWSTAR THISTLE (Centaurea solstítíalís)	Seed-head weevil (Bangasternus orientalis)	widely	distributed
经过程的	Gall fly (Urophora sírunaseva)	widely	dístríbuted
	Hairy weevil (Eustenopus villosus)	widely	distributed
	Fungus (Puccinia jaceae var. solstitialis)	Failed	to Establísh
KLAMATH WEED (Hypericum perforatum,	Leaf & root weevil) (Chrysolina quadrigemina)	widelį	y dístríbuted
PURPLE LOOSESTRIFE (Lythrum solicaria)	Leaf Feeding B <mark>eetle</mark> (Galeruceila calmariensis)	2 sítes	2 sítes

Pest Exclusion

	METHOD OF CONVEYANCE	2008	2007
NUMBER OF INSPECTIONS REJECTIONS*	UPS/PO/FedEx	5843 55	5765
CERTIFICATION/LABELING VIOLATION		41	4 <i>7</i> 22
VARIOUS PLANT PESTS		14	5
		Nurseries under	Compliance
SUDDEN OAK DEATH MORTALITY PI	ROGRAM	25	22

* Shipments rejected and/or destroyed.

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

Pest Detection

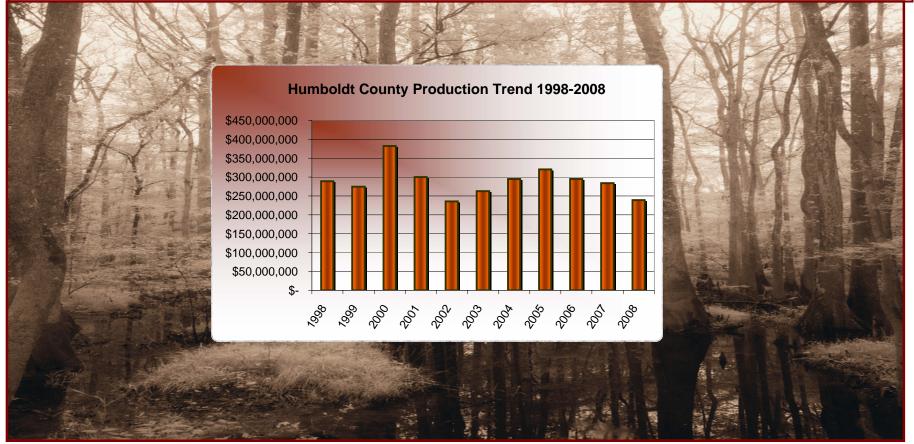
PEST DETECTION activities are focused on the search for pests which are not known to exist in the State or are of limited distribution throughout California. Detection trapping activities are conducted locally for insect pests such as Gypsy Moth and Japanese beetle. In addition, field surveys are continually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

түрв	INSECTIR	APS DEPLOYED	NO. SERV	vicings
	2008	2007	2008	2007
(1) (2) 大概学的《SUD》是大概学的				
GYPSY 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	\$ 8,200,5	00 \$	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	\$ 763,2	08 \$	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	\$ 111,5	68 \$	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	\$ 25,806,0	00 \$	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	\$ 19,936,2	81 \$	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	\$ 38,283,0	00 \$	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	\$ 181,487,8	21 \$	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
						1	•			<u> </u>		,
Totals	\$ 289,269,832	\$ 274,588,3	78 \$	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





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.

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

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
Hay (All)	2009 2008	2,550 2,550	3.10 3.00	7,905 7,650	Ton Ton	108.00 128.00	\$853,740 \$979,200
Silage (All)	2009 2008	973 973	26.0 21.6	25,298 21,016	Ton Ton	50.00 50.00	1,264,900 1,050,800
Pasture (All)	2009 2008	21,448 21,448			Acre Acre	175.00 175.00	3,753,400 3,753,400
Range	2009 2008	470,000 470,000			Acre Acre	16.00 10.00	7,520,000 4,700,000
			Includes: Alfalfa	a, grass, clove	er		

Vegetable Crops

ITEM	YR.	TOTAL VALUE
-	THE PROPERTY OF	 Carried Marian
Vegetable Crops	2009	\$1,213,232
0.000	2008	\$1,183,700

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

Fruit & Nut Crops

ITEM	Y R	TOTAL
		VALUE
the same times		the second second second
Miscellaneous	2009	\$1,561,075
Fruits & Nuts	2008	\$1.523.000*

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

Totals

2009 2008

\$13,392,040

\$10,483,400

^{*}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	2009	\$40,230,454
Products	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	
Photographic State		-			-	The second second	ě
*Beef Cattle	2009	27,800	145,672	CWT	\$84.60	\$12,232,851	
and calves	2008	26,790	140,647	CWT	\$93.70	\$13,178,623	
Patrone			طول الكا	1	750	_	
Sheep and	2009	3,370	3,493	CWT	\$88.70	\$309,829	
Lambs	2008	3,300	3,390	CWT	\$91.30	\$309,507	
Aquaculture	2009	Oysters		AC	311	\$4,694,055	1
1		Clams	9		(Combined)	\$1,125,000	7
**Miscellaneous	s 2009					¢40,000	
wiscenaneous	5 2009					\$40,000	
*Includes : Co	ows, calves.	bulls, steers					

	_	Totals
2	009	\$18,401,735
2	008	\$23,888,736

Livestock & Poultry Products

	1			VALUE	PER UNIT	TOTAL
ITEM	YEAR	PRODUCTION	UNIT	ORGANIC	CONVENTIONAL	VALUE
Market Milk	2009	1,761,046	CWT	\$26.00	\$11.26	\$30,212,499
4000	2008	2,012,941	CWT		\$17.80	\$35,830,349
	-145 A	. 1 ⁹⁷ \ 3. 30	ilda i	of lan	and the	adiba UU
Manufacturing	2009	451,485	CWT	(G, Tree)	\$12.00	\$5,417,820
Milk	2008	411,549	CWT	h le 434	\$18.57	\$7,642,465
	12.8 pc 1	Nic Sota 🚵 U	M 7 zhb		" 1 / W	W. 1.
Miscellaneous*	2009		70/21/7	THE REAL PROPERTY.		\$1,294,992
1.22.31	2008	A LLY MARY	117 9/94	What it (JA 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	\$1,269,600
*Includes: Wool, ap	iary and dai	ry goat products				

Totals 2009 \$36,925,311 2008 \$44,742,414

^{**}Includes: Chickens, turkey, swine, goats, etc.

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
Grand Totals:	\$239,180,710	\$140,466,304

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 following biological Control organisms. Most have become widely distributed with varying deghrees of local population densities due to more or less favorable local environmental conditions.

Yellow Star Thistle Centaurea solstitalis

Klamath Weed Hypericum perforatum

Purple Loosestrife Lythrum salicaria

Tansy Flea Beetle Logitarsus jacobaeae Cinnabar Moth Tyria jacobaeae

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

Leaf & Root Weevil Chrysolina quadrigemina

Leaf-Feeding Beetle Galerucella calmariensis

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.

Hi Risk Exclusion Program	Method of Conveyance	2008	<u>2009</u>
Number of Inspections Number of Rejections* Live Pest Interceptions A/Q Pest Interceptions**	UPS, PO, Fed Ex	8668 59 17 5	4325 60 3 1

	Nurseries Under Compliance	
Sudden Oak Death Mortality Program	<u>2008</u>	<u>2009</u>
	22	23

^{*} 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 TRAF 2008	PS DEPLOYED 2009	NO. SER 2008	VICINGS 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

