



DEPARTMENT OF AGRICULTURE  
COUNTY OF HUMBOLDT

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California Department of Food and Agriculture  
and  
Honorable Board of Supervisors, Humboldt County  
Clif Clendenen, Chairman  
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*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
*Beef Cattle and calves	2009	27,800	145,672	CWT	\$84.60	\$12,232,851
	2008	26,790	140,647	CWT	\$93.70	\$13,178,623
Sheep and Lambs	2009	3,370	3,493	CWT	\$88.70	\$309,829
	2008	3,300	3,390	CWT	\$91.30	\$309,507
Aquaculture	2009	Oysters		AC	311	\$4,694,055
		Clams			(Combined)	\$1,125,000
**Miscellaneous	2009					\$40,000

\*Includes : Cows, calves, bulls, steers

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

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

## Livestock & Poultry Products

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

\*Includes: Wool, apiary and dairy goat products

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

# 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 deghrees 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>
Number of Inspections	UPS, PO, Fed Ex	8668	<b>4325</b>
Number of Rejections*		59	<b>60</b>
Live Pest Interceptions		17	<b>3</b>
A/Q Pest Interceptions**		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