



**HUMBOLDT COUNTY**

**CROP & LIVESTOCK  
REPORT**

**2011**



DEPARTMENT OF AGRICULTURE  
COUNTY OF HUMBOLDT

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Karen Ross, Secretary  
California Department of Food & Agriculture  
and  
Honorable Board of Supervisors, Humboldt County  
Virginia Bass, Chairperson  
Ryan Sundberg  
Mark Lovelace  
Clif Clendenen  
Rex Bohn

I am pleased to present Humboldt County's 2011 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 2011, but does not reflect production costs or net income to producers. The crop report is compiled using the best available data on production totals and values as collected from producer responses to crop report questionnaires, and from data provided to the department by the United States Department of Agriculture National Agricultural Statistics Service, the California Department of Food and Agriculture and various other sources.

The estimated gross value of the County's agricultural commodities is \$233,029,014, which is an increase of approximately 13% over 2010's production values. The most notable increases were in the value of dairy and livestock products. Noteworthy is the impressive \$44,297,000 value of Humboldt County's organic agricultural products. This amount represents 19% of the total value of all Humboldt County's agricultural commodities. The County's leading commodities are ranked by value below.

Timber Production	\$65,778,020
Livestock	59,167,990
Nursery Stock	43,396,044
Milk and Milk Products	54,655,000
Fruit & Nut Crops	1,800,000
Vegetable Crops	3,930,480

A word of thanks goes to the staff of the Agricultural Commissioner's Office, the agricultural industry, participating agencies and individuals who deserve credit for contributed to this report.

Respectfully submitted,

Jeff M. Dolf  
Agricultural Commissioner/  
Sealer of Weights & Measures

## TIMBER

Item	Year	Production	Unit	Total
Timber	2011	216,272,000	Board Ft	\$65,778,020
Production (All)	2010	218,651,000		\$68,038,996

Total includes softwood, saw logs and miscellaneous products.

TOTALS	
2011	\$65,778,020
2010	\$68,038,996

## LIVESTOCK & POULTRY, ETC.

Item	Year	No. of Head	Total Live Weight	Unit	Unit Value	Total Value
Beef Cattle	2011	57,000	28,500,000	CWT	\$115.80	\$33,003,000
And Calves	2010	55,000	27,500,000	CWT	\$104.90	\$28,847,500
Sheep & Lambs	2011	3,200	4,800	CWT	\$68.90	\$316,000
	2010	3,200	4,800	CWT	\$45.60	\$218,000
Dairy Cows	2011	13,688				\$18,205,040
	2010	13,874				\$18,036,200
**Miscellaneous	2011					\$925,200
	2010					\$865,200
Aquaculture	2011		Oysters and clams	ac	311.00	\$6,718,750
	2010					N/A

\*Includes: Cows, calves, bulls, steers

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

TOTALS	
2011	\$59,167,990
2010	\$47,966,900

## LIVESTOCK & POULTRY PRODUCTS

Item	Year	Production	Value per Unit Conventional	Unit	Total Value
Market Milk	2011	1,825,573	\$19.82	CWT	\$36,177,000
	2010	1,822,617	\$15.85	CWT	\$28,888,000
Manufacturing milk	2011	448,409	\$18.77	CWT	\$8,415,000
	2010	462,811	\$14.60	CWT	\$6,756,000
Miscellaneous	2011				10,063,000
	2010				n/a

\*Includes: Wool, apiary and dairy goat products

Totals	
2011	\$54,655,000
2010	\$35,644,000

## 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 staff members are integral parts 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	Year	Total Value
Nursery Products	2011	\$43,396,044
	2010	\$44,858,193

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

	Totals
2011	\$43,396,044
2010	\$44,858,193

## FIELD CROPS

Item	Year	Acreage	Production per Acre	Total	Unit	Harvest Per Unit	Total Value
Hay (All)	2011	10,566	3.10	32,754	Ton	\$120.00	\$3,930,480
	2010	10,566	3.10	32,754	Ton	\$112.00	\$3,668,448
Silage (All)	2011		23.50	7,000	Ton	\$53.00	\$371,000
	2010						n/a

	Totals
2011	\$4,390,480
2010	\$3,668,448

## VEGETABLE CROPS

Item	Year	Total Value
Vegetable Crops	2011	\$3,930,480
	2010	\$3,668,448

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

Totals	
2011	\$3,930,480
2010	\$3,668,448

## FRUIT & NUT CROPS

Item	Year	Total Value
Miscellaneous Fruits & Nuts	2011	\$1,800,000
	2010	\$1,200,000

Totals	
2011	\$1,800,000
2010	\$1,200,000

## RECAPITULATION

<u>Item</u>	<u>2010</u>	<u>2011</u>
Timber	\$68,038,992	\$65,778,020
Livestock & Poultry	\$45,016,900	\$59,167,990
Livestock & Poultry Products	\$35,644,000	\$54,655,000
Nursery Production	\$44,858,193	\$43,396,044
Field Crops	\$3,668,448	\$4,301,480
Fruit & Nut Crops	\$1,200,000	\$1,800,000
<u>Vegetable Crops</u>	<u>\$3,668,448</u>	<u>\$3,930,480</u>
<b>Grand Total</b>	<b><u>\$202,094,981</u></b>	<b><u>\$231,577,202</u></b>

## COUNTY BIOLOGICAL CONTROL

The Biological Control Program seeks to minimize the economic and environmental impact of noxious weeds by introducing natural predators to control weed pests through natural mechanisms (predation, parasitism, herbivory). 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 degrees of local population densities due to more or less favorable local environmental conditions.

Treated by  
Tansy Ragwort, *Senecio jacobaeae* Tansy Flea Beetle, *Logitarsus jacobaeae*  
CINNABAR MOTH, *Tyria jacobaeae*

Yellow Star Thistle, *Centaurea solstitialis* Seed Head Weevil, *Bangasternus orientalis*  
GAEL FLY, *Urophora sirunaseva*  
HAIRY WEEVIL, *Eustonopus villosus*

### 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 2011.

High-Risk Exclusion Program	Method of Conveyance	2010	2011
Number of Inspections	UPS, PO, FedEx	3,767	3,294
Number of Rejections*		64	78

\*Shipments rejected and/or destroyed

### 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 carried out by department staff throughout Humboldt County in order to locate and identify noxious weeds, plant diseases and vertebrate pests.

Type	Insect Traps Deployed	
	2011	2010
European/Asian Gypsy Moth	322	322
Glassy-Winged Sharpshooter	131	108
Japanese Beetle	24	24
Asian Defoliating Moth	40	40
European Pineshoot Moth	6	6
European Grapevine Moth	174	174

# 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

<u>Item</u>	<u>Year</u>	<u>No of Registrants</u>	<u>Est. Acres</u>
Organic Registrants	2011	132	70,000
	2010	138	49,000
Certified Producers	2011	140	300
	2010	138	300
Farmer's Markets	2011	10	
	2010	13	

**HUMBOLDT COUNTY DEPARTMENT OF AGRICULTURE  
CROP & LIVESTOCK REPORT  
TEN-YEAR COMPARISON**

Commodity Group	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Timber	\$134,963,400	\$148,024,400	\$174,456,900	\$198,958,000	\$178,006,700	\$151,530,736	\$107,944,884	\$28,742,457	\$68,038,992	\$65,778,020
Livestock/Poultry	\$22,579,750	\$24,872,700	\$23,468,800	\$23,986,000	\$24,188,200	\$24,942,600	\$23,986,200	\$22,582,680	\$45,016,900	\$59,167,990
Livestock/Poultry Products	\$31,734,400	\$43,170,300	\$45,721,000	\$42,507,700	\$30,997,200	\$47,036,000	\$44,722,600	\$36,925,311	\$35,644,000	\$54,655,000
Nursery Stock	\$35,321,300	\$35,858,600	\$40,793,400	\$43,460,700	\$49,116,900	\$47,282,569	\$49,414,576	\$40,230,454	\$44,858,193	\$43,396,044
Field Crops/Hay & Pasture	\$8,977,650	\$9,326,000	\$9,261,100	\$9,530,600	\$10,818,100	\$10,041,066	\$10,483,400	\$13,392,040	\$3,668,448	\$4,301,480
Fruit/Nut Crops	\$683,100	\$698,000	\$714,300	\$811,000	\$760,000	\$1,604,000	\$1,523,000	\$1,561,075	\$1,200,000	\$1,800,000
Vegetable Crops	\$987,800	\$868,000	\$880,700	\$920,000	\$900,000	\$1,246,000	\$1,183,700	\$1,213,232	\$3,668,448	\$3,930,480
Totals	\$235,247,400	\$262,818,000	\$295,296,200	\$320,174,000	\$294,787,100	\$283,553,068	\$239,159,070	\$134,647,249	\$202,094,981	\$233,029,014