

**HUMBOLDT COUNTY
2002 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	2002
TANSY RAGWORT (Senecio jacobaea)	Ragwort flea beetle (Longitarsus jacobaeae)	4 sites
YELLOWSTAR THISTLE (Centaurea solstitialis)	Seed-head weevil (Bangasternus orientalis)	14 sites
	Gall fly (Urophora sirunaseva)	5 sites
	Hairy weevil (Eustenopus villosus)	24 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

ORGANIC AND CERTIFIED PRODUCERS

Item	Year	No. Registrants	Est. Acres
Organic Registrants	2002	63	
	2001	58	
Certified Producers	2002	131	291
	2001	138	296
Farmer's Markets	2002	8	
	2001	9	

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

William (Bill) J. Lyons, Jr., Secretary
California Department of Food and Agriculture
and
Humboldt County Board of Supervisors



Jimmy Smith, Chairman, First District
Roger Rodoni, Second District
John Woolley, Third District
Bonnie Neely, Fourth District
Jill Geist, Fifth District

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 for the year 2002 but does not reflect production costs or net income to the producers.

The County's total gross value of agricultural production is \$235,251,400, which is a decrease of 21.66% from last year. Negative economic factors affected our livestock and dairy producer's gross receipts, however, our greatest decrease is related to the value of harvested timber. Humboldt County, nevertheless, continues to be ranked first in the state for timber production. Most other commodity groups reported gains over last year. Our leading agricultural commodities are ranked as follows.

Timber Production	\$	134,963,400
Nursery Stock (cut flowers, ornamental and forest tree production)	\$	35,321,300
Milk and Milk Products	\$	
31,738,400		
Livestock (beef cattle & calves, dairy cows, Sheep & lambs, etc.)	\$	22,579,750
Field Crops (alfalfa, silage, range, etc.)	\$	8,977,650
Vegetable Crops	\$	987,800
Fruit & Nut Crops	\$	683,100

A word of personal thanks goes to my office staff, the County's Agricultural Industry, participating agencies and to those individuals whose expertise and cooperation made this report possible.

Respectfully submitted,

John E. Falkenstrom
Agricultural Commissioner

JEF:lp

FIELD CROPS

ITEM	YR.	HARVEST ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE TOTAL
			PER ACRE	TOTAL			
Hay (All)	2002	1500	4.00	6,000	Ton	95.00	570,000
	2001	1500	5.00	7,500	Ton	80.00	600,000
Silage (All)	2002	870	27.00	23,490	Ton	35.00	822,150
	2001	850	25.00	21,250	Ton	41.00	871,250
Pasture (All)	2002	19,900			Acre	145.00	2,885,500
	2001	19,500			Acre	145.00	2,827,500
Range	2002	470,000			Acre	10.00	4,700,000
	2001	470,000			Acre	10.00	4,700,000
Includes: Alfalfa, grass, clover, oats			TOTAL:				
					2002		8,977,650
					2001		8,998,750

VEGETABLE CROPS

ITEM	YEAR	VALUE TOTAL
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Vegetable Crops 2002 987,800
 2001 952,000

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

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	2002	METHOD OF CONVEYANCE	2002
	9,180		No. Rejections 44*
WILD GARLIC (Allium vineale)		UPS/Postal Shipments	1
CERTIFICATION/LABELING VIOLATIONS		UPS/Postal Shipments/FedEx	36
VARIOUS PLANT PESTS		UPS/Postal Shipments/FedEx	2
NOXIOUS WEEDS		UPS/Postal Shipments	5
* Shipments rejected and/or destroyed.			

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

PEST DETECTION

TYPE	INSECT TRAPS	NO. SERVICINGS 2002
Gypsy Moth	200	1,000
Glassy-Winged Sharpshooter	23 (inspections)	
Japanese Beetle	10	50

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE TOTAL
Market Milk	2002	2,127,176	CWT	11.24	23,912,000
	2001	1,882,072		14.65	27,572,000
Manufacturing Milk	2002	622,923	CWT	12.33	7,682,000
	2001	961,612		15.90	15,290,000
Wool ¹	2002				144,400
	2001				110,000
¹ Includes: Wool, mohair, apiary products				TOTAL:	
				2002	31,738,400
				2001	42,972,000

TIMBER

ITEM	YR.	PRODUCTION	UNIT	VALUE TOTAL	
Timber ¹ Production (All)	2002	374,042,745	Board Feet	130,556,400	
	2001	358,225,000	Board Feet	190,571,200	
Biomass & ² Composting	2002	314,777	Ton	4,407,000	
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.				TOTAL:	
				2002	134,963,400
				2001	190,571,200

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.

LIVESTOCK & POULTRY

ITEM	YR.	NO. OF HEAD	TOT. LIVE WT.	UNIT	VALUE PER UNIT	TOTAL
¹ Beef Cattle and Calves	2002	29,000	159,500	CWT	80.50	12,839,750
	2001	28,000	154,000	CWT	82.80	12,751,200
Dairy Cows and Calves (all)	2002	21,800		HEAD		6,104,000
	2001	20,700		HEAD		5,796,000
Sheep and Lambs (all)	2002	6,000	6,000	CWT	61.00	366,000
	2001	5,800	5,210	CWT	67.30	350,600
² Misc.	2002					3,270,000
	2001					3,450,000
TOTAL:						
					2002	22,579,750
					2001	22,347,800

¹ Includes: Cows, calves, bulls, steers

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

RECAPITULATION

ITEM	YEAR	
	2002	2001
Field Crops	\$ 8,977,650	\$ 8,998,750
Vegetable Crops	\$ 987,800	\$ 952,000
Fruit & Nut Crops	\$ 683,100	\$ 506,850
Nursery Production	\$ 35,321,300	\$ 33,952,000
Livestock & Poultry	\$ 22,579,750	\$ 22,347,800
Livestock & Poultry Products	\$ 31,738,400	\$ 42,972,000
Timber	\$ 134,963,400	\$ 190,571,200
GRAND TOTALS	\$ 235,251,400	\$300,300,600

FRUIT AND NUT CROPS

ITEM	YEAR	VALUE TOTAL
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Miscellaneous Fruits and Nuts	2002	683,100
	2001	506,850

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

NURSERY PRODUCTION

ITEM	YEAR	VALUE TOTAL
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Cut flowers and decoratives	2002	35,321,300
bedding plants, ornamentals and forest nursery tree production	2001	33,952,000