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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

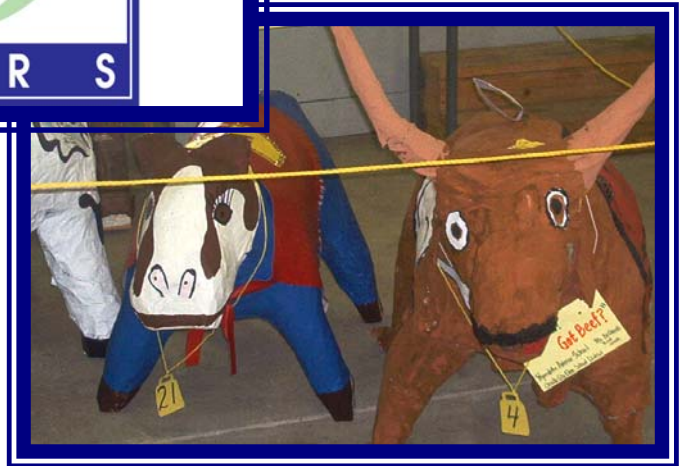
# Butte County

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.

This digitization project was funded by the Giannini Foundation of Agricultural Economics,  
<http://giannini.ucop.edu/> .

The work was completed by the staff of the Giannini Foundation Library, University of California, Berkeley, <http://are.berkeley.edu/library/> . **Please contact the Library to consult the originals.**



**2005  
BUTTE COUNTY  
AGRICULTURAL CROP REPORT**

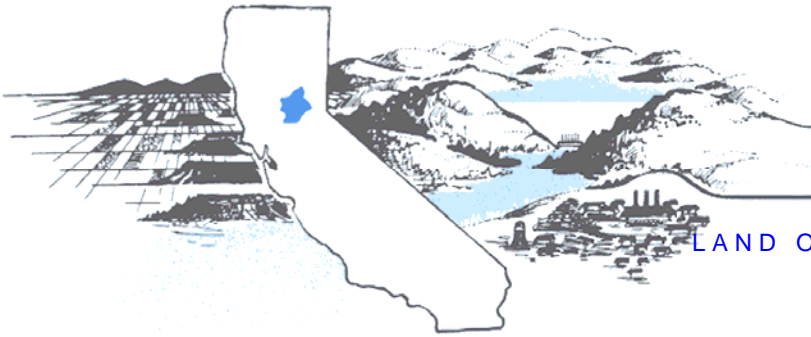
# FARM CITY CELEBRATION

The Farm City Celebration is a collaborative effort of the Chico Chamber, California Women for Agriculture, Butte County Cattlemen, Butte County Cattlewomen, Butte County Ag Commissioner's Office, Butte County Farm Bureau, UC Cooperative Extension and the CSU, Chico, College of Agriculture, Farm Staff and CSU, Chico and Butte Community College agricultural student organizations. In recent years the calendar of events included the Farmers' Fair at the Chico Mall, the bus tour, Dog Days of Fall - dog walk at the CSUC Farm, the Progressive Farmer Farm Safety Day Camp & Kids Day at the Farm, the Harvest Dinner Dance, and local restaurants featuring local products.

Over the past 25 years Farm City has grown and events have been added and changed. One of Farm City's first events was free samples of local commodities given out at banks by California Women for Agriculture members. The bus tour has been a long standing and very popular Farm City event for many years. Each year the bus tour focuses on a different geographic section of the north state and visits 4 to 6 farms or agricultural businesses in that area. The Children's Farm Fair at the CSU, Chico College of Agriculture Farm is attended by 500 to 600 local 3<sup>rd</sup> graders. The students visit eight to ten stations where they learn where their food comes from, what it takes to make the variety of food and fiber that we enjoy. Additionally, for the past couple of years the kids have learned food safety, ATV safety, and animal safety. The Dog Days of Fall event which allows participants to see the different areas and learn about Farm while walking with their best friend. The Harvest Dinner Dance is always a fun way to raise the money needed to fund other worthwhile learning projects of the CSU Chico while celebrating the close Celebration year.



Farm City usually gives out three awards per year; they include Agriculturalist of the Year, Agri-Business of the Year and Agricultural Service of the Year.



# Butte County

LAND OF NATURAL WEALTH AND BEAUTY

## OFFICES OF AGRICULTURAL COMMISSIONER WEIGHTS AND MEASURES

316 NELSON AVENUE OROVILLE, CALIFORNIA 95965-3318  
AGRICULTURAL DEPT.: OFFICE: (530) 538-7381 FAX: (530) 538-7594

June 1, 2006

**RICHARD B. PRICE**  
Agricultural Commissioner  
Director of Weights and Measures  
Measures

**LOUIE B. MENDOZA, JR.**  
Assistant Agricultural Commissioner/  
Weights and Measures

A.G. Kawamura, Secretary of  
California Department of Food and Agriculture

The Honorable Butte County Board of Supervisors

Curt Josiassen, Chairperson

Bill Connelly

Jane Dolan

Mary Anne Houx

Kim Yamaguchi

Paul McIntosh, Chief Administrative Officer,

In accordance with provisions of section 2279 of the California Food and Agriculture Code, I am submitting the sixty-fourth annual crop report of agricultural production and agricultural value in Butte County for the 2005 calendar year.

This report is a summary estimate of the acreage, production and gross value of Butte County agricultural products. The values presented in this report are gross values only, and do not reflect net farm income or costs of production and marketing.

The estimated gross value of agricultural production in Butte County for 2005 totaled \$439,690,000. This is an 81.4 million dollar increase over the 2004 gross value total of \$358,274,000. The total increase in gross value of agriculture during 2005 is 35 percent above our county 10-year average of \$326,097,000.

I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, and to all the staff for their efforts in the compilation of this report.

Respectfully submitted,

*Richard B. Price*

Richard B. Price  
Agricultural Commissioner

**BUTTE COUNTY  
AGRICULTURAL COMMISSIONER'S  
OFFICE PERSONNEL**

---

**Richard B. Price  
Agricultural Commissioner/Director of Weights & Measures**

Louie B. Mendoza Jr.	Assistant Agricultural Commissioner/Weights & Measures
Robert C. Hill	Deputy Agricultural Commissioner
Mary E. Daniels	Deputy Agricultural Commissioner

**OROVILLE DISTRICT**

Dave Sanford	Agricultural Biologist I
Charmaigne Damron	Administrative Assistant, Senior
Friede Violante	Office Specialist, Senior
Janice Wallick	Office Specialist
Matt Albertsen	Wildlife Specialist
Marie Heinemeyer	Agricultural /W&M Inspector
Michael Brown	Agricultural /W&M Inspector
Margarito Santos	Agricultural /W&M Inspector
Jeremy Kenkel	Agricultural /W&M Inspector
Gary Imhoff	Agricultural /W&M Inspector
Kevin Hermansen	Agricultural /W&M Inspector

**CHICO DISTRICT**

Helmut Bloo	Agricultural Biologist, Supervisor
Navid Khan	Agricultural Biologist, Senior
Eric Pittman	Agricultural Biologist, Senior
Katharine Padgett	Agricultural Biologist I
Randy Hartman	Agricultural Biologist I

**GRIDLEY DISTRICT**

Mike Stewart	Agricultural Biologist, Supervisor
Ramon Jauregui	Agricultural Biologist III

**WEIGHTS & MEASURES**

Tom Pisani	Deputy Director of Weights & Measures
Ron Hunt	Weights & Measures Inspector III
Dan Shrout	Weights & Measures Inspector III

# 2005 FRUIT & NUT CROPS ACREAGE STATISTICS

<u>Orchard Crops</u>	<u>Bearing Acreage*</u>	<u>Non-Bearing Acreage*</u>	<u>Total Acreage*</u>
Almonds	40,084	1,394	41,478
Apples	198	0	198
Apricots	40	0	40
Avocados	3	0	3
Cherries	254	0	254
Chestnuts	35	0	35
Grapes (All)	223	0	223
Kiwis	1014	0	1014
Mandarins	60	0	60
Nectarines	7	0	7
Olives	2,424	0	2,424
Oranges – Navels & Valencias	162	0	162
Peaches, Clingstone	2,855	48	2,903
Peaches, Freestone	70	14	84
Pears (All)	16	0	16
Pecans	200	113	313
Persimmons	65	10	75
Pistachios	581	37	618
Plums	140	58	198
Dried Plums	11,179	1,118	12,297
Walnuts, English	27,080	5,000	32,080
Walnuts, Black	28	14	42
<b>TOTAL</b>	<b>80,551</b>	<b>7,806</b>	<b>94,524</b>

\*Data from California Crop and Livestock Reporting Service and other sources.

# 2005 FIELD CROPS ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>			<u>VALUE</u>		
		<u>HARVESTED ACREAGE</u>	<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Beans, Dry edible	2005	756	.86	650	ton	\$705.00	\$458,000
	2004	600	1.10	660	ton	\$660.00	\$436,000
Hay, alfalfa	2005	1,885	6.10	11,500	ton	\$109.00	\$1,254,000
	2004	2,400	6.00	14,400	ton	\$104.00	\$1,498,000
Pasture, Irrigated	2005	15,500			acre	\$115.00	\$1,783,000
	2004	15,500			acre	\$115.00	\$1,783,000
Pasture, Other	2005	240,000			acre	\$9.00	\$2,160,000
	2004	240,000			acre	\$9.00	\$2,160,000
Rice	2005	96,400	3.80	366,320	ton	\$235.00	86,085,000
	2004	105,000	4.57	479,850	ton	\$210.00	\$100,769,000
Safflower	2005	210	1.3	273	ton	\$240.00	\$66,000
	2004	267	0.90	240	ton	\$220.00	\$53,000
Wheat	2005	1,600	2.74	4,384	ton	\$92.00	\$403,000
	2004	2,147	2.50	5,368	ton	\$90.00	\$483,000
Misc.**	2005	4,731					\$4,665,000
	2004	5,071					\$5,220,000
<b>Total</b>	2005	361,082					\$96,874,000
	2004	370,985					\$112,402,000

\*Includes government payments.

\*\*Alfalfa silage, barley, beans (other), corn, corn silage, cotton, lavender, oats, pumpkin, sorghum, sunflower, wild rice, sweet rice, crop by-products, etc.



# 2005 FRUIT AND NUT ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>				<u>VALUE</u>	
		<u>HARVESTED ACREAGE</u>	<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Almonds	2005	40,084	.85	34,071	ton	\$5,500.00	\$187,391,000
	2004	40,129	.67	26,886	ton	\$4,045.00	\$108,754,000
Hulls	2005			42,589	ton	\$84.00	\$3,577,000
	2004			33,608	ton	\$78.00	\$2,621,000
Citrus, all oranges	2005	162	7.06	1,144	ton	\$540.00	\$618,000
	2004	162	9.71	1,573	ton	\$632.00	\$994,000
Kiwis	2005	860	9.02	7,757	ton	\$869.00	\$6,741,000
	2004	886	4.40	3,810	ton	\$833.00	\$3,174,000
*Olives	2005	1,882	2.44	4,592	ton	\$364.00	\$1,671,000
	2004	1,686	3.19	5,378	ton	\$460.00	\$2,474,000
Peaches, Clingstone	2005	2,855	15.0	42,825	ton	\$236.00	\$10,107,000
	2004	2,425	14.9	36,133	ton	\$237.00	\$8,564,000
Pistachios	2005	581	.55	320	ton	\$4,060.00	\$1,297,000
	2004	500	1.11	555	ton	\$2,535.00	\$1,407,000
Plums, Dried	2005	7,310	1.0	7,310	ton	\$1,000.00	\$7,310,000
	2004	9,547	.89	8,497	ton	\$1,154.00	\$9,805,000
Walnuts, English	2005	27,080	2.0	54,160	ton	\$1,416.00	\$76,691,000
	2004	22,972	1.72	39,512	ton	\$1,361.00	\$53,776,000
**Misc.	2005	1,364					\$4,708,000
	2004	1,392					\$4,918,000
<b>TOTAL</b>	2005	82,178					\$300,111,000
	2004	79,699					\$196,487,000

\*2004/2005 Data includes olives grown for canning, specialty products and oil.

\*\*Apricots, avocados, black walnuts, cherries, chestnuts, grapes, mandarins, peaches (Freestone), crop by-products, pears, pecans, persimmons, plums, fresh prunes, etc.

Acres may vary from state report. Figures are based on harvested acres only.

# 2005 SEED ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PER ACRE</u>	<u>PRODUCTION</u>		<u>VALUE</u>	
				<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Beans, Dry Kidney	2005	1,413	2,414	3,411,000	lbs.	\$0.40	\$1,364,000
	2004	800	2,198	1,758,400	lbs	\$0.39	\$686,000
Rice	2005	3,443	7,831	26,962,000	lbs.	\$0.16	\$4,314,000
	2004	4,050	8,400	34,020,000	lbs	\$0.17	\$5,783,000
*Misc.	2005	1,597					\$1,578,000
	2004	1,202					\$1,611,000
<b>Total</b>	2005	6,453					\$7,256,000
	2004	6,052					\$8,080,000

\*Beans (other), cucurbits, melons, pumpkins, safflower, squash, sunflower, watermelon, etc...

## 2005 VEGETABLE VALUE



	<u>YEAR</u>	<u>TOTAL VALUE</u>
*Misc.	2005	\$550,000
	2004	\$550,000

\*Asparagus, broccoli, corn, cucumbers, melons, onions, riantal vegetables, pumpkins, squash, tomatoes, etc.



## 2005 ORGANIC CROP STATISTICS

<u>CROP</u>	<u>NUMBER OF FARMS</u>	<u>ESTIMATED ACRES</u>	<u>TOTAL VALUE</u>
Registered Organic Producers*	69	15,426	\$6,541,000

\*Includes almonds, apples, berries, cherries, cut flowers, grapes, herbs, kiwi fruit, livestock, dairy, mandarins, nursery stock, olives, peaches, Persimmons, prunes, rice, safflower, tomatoes, vegetables, vetch, walnuts and wild rice.

## 2005 NURSERY ACREAGE & VALUE

<u>CROP</u>	<u>YEAR</u>	<u>TOTAL ACREAGE</u>	<u>TOTAL VALUE</u>
*Misc.	2005	183	\$11,099,000
	2004	151	\$10,786,000

\*Includes broad leaved evergreens, coniferous evergreens, deciduous fruit, nut and shade trees, shrubs, kiwi vines, herbaceous perennials, indoor decorative plants, bulbs, rhizomes, bedding plants, specimen trees.



## 2005 APIARY PRODUCTS PRODUCTION AND VALUE



<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>VALUE</u>	
		<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Pollination	2005	42,136	Colony	\$80.00	\$3,371,000
	2004	39,000	Colony	\$52.00	\$2,028,000
*Other Apiary Products	2005				\$842,000
	2004				\$550,000
TOTAL	2005				\$4,213,000
	2004				\$2,578,000

\*Includes beeswax, honey, beeswax, nuclei, packaged bees and queens.



## 2005 HARVESTED TIMBER PRODUCTION AND VALUE



<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION BOARD FEET*</u>	<u>VALUE</u>
Harvested Timber	**2005	29,936,000	\$7,662,000
	**2004	52,479,000	\$15,032,000

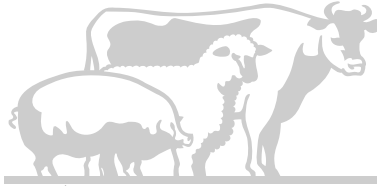
\*Board feet is the quantity of timber cut and scaled.

\*\*Timber production and value data provided by State Board of Equalization, Timber Tax Division.



# 2005 LIVESTOCK AND POULTRY PRODUCTION AND VALUE

<u>ITEM</u>	<u>YEAR</u>	<u>Production</u>			<u>Value</u>	
		<u>NO. OF HEAD</u>	<u>TOTAL LIVE WEIGHT</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Cattle and Calves	2005	12,500	74,375	cwt.	\$121.00	\$8,999,000
	2004	13,500	80,325	cwt.	\$111.00	\$8,916,000
Sheep, all	2005	1,700	1,860	cwt.	\$98.90	\$184,000
	2004	1,700	1,860	cwt.	\$90.40	\$168,000
Hogs, all	2005	700	1,553	cwt.	\$50.70	\$79,000
	2004	700	1,553	cwt.	\$49.50	\$77,000
*Misc.	2005					\$950,000
	2004					\$950,000
TOTAL	2005					\$10,212,000
	2004					\$10,111,000



\*Fish, Poultry, Pheasant, Quail, Rabbits, Worms, etc.

## 2005 LIVESTOCK PRODUCTS

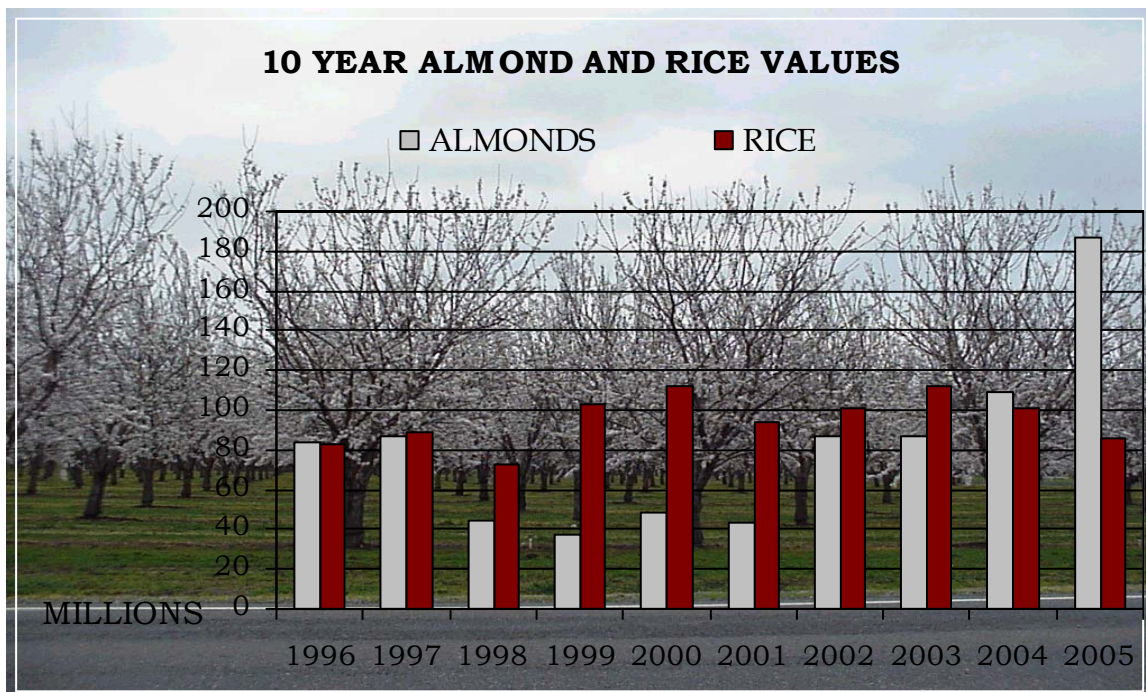
<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>VALUE</u>	
		<u>PRODUCTION</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Milk, Market*	2005	107,354	cwt.	\$15.42	\$1,655,000
	2004	134,258	cwt.	\$16.17	\$2,171,000
Milk, Manufacturing*	2005	4,828	cwt.	\$12.01	\$58,000
	2004	5,057	cwt.	\$15.20	\$77,000
TOTAL	2005	112,182			\$1,713,000
	2004	139,315			\$2,248,000

\*California Agricultural Statistics Service



# 2005 MILLION DOLLAR CROPS

	<b>CROP</b>	<b>VALUE</b>
1	ALMONDS	\$187,391,000
2	RICE	\$86,085,000
3	WALNUTS	\$76,691,000
4	NURSERY STOCK	\$11,099,000
5	PEACHES, Clingstone	\$10,107,000
6	CATTLE/CALVES	\$8,999,000
7	TIMBER	\$7,662,000
8	DRIED PLUMS	\$7,310,000
9	KIWIS	\$6,741,000
10	FRUIT & NUT CROPS, misc.	\$4,708,000
11	FIELD CROPS, misc.	\$4,665,000
12	RICE SEED	\$4,314,000
13	ALMOND HULLS	\$3,577,000
14	APIARY POLLINATION	\$3,371,000
15	DRYLAND PASTURE & RANGE	\$2,160,000
16	PASTURE, Irrigated	\$1,783,000
17	OLIVES, All	\$1,671,000
18	MILK, Market	\$1,655,000
19	HAY, Alfalfa	\$1,498,000
20	BEANS, (seed) Dry kidney	\$1,364,000
21	PISTACHIOS	\$1,297,000
22	SEED CROPS, misc.	\$1,254,000



# FIVE-YEAR SUMMARY OF CROP VALUES

	2001	2002	2003	2004	2005
Field Crops	\$106,642,000	\$112,987,000	\$124,279,000	\$112,402,000	\$96,874,000
Seed Crops	5,755,000	\$6,877,000	\$7,459,000	\$8,080,000	\$7,256,000
Vegetable Crops	505,000	\$490,000	\$510,000	\$550,000	\$550,000
Fruit & Nut Crops	121,991,000	\$149,687,000	\$175,611,000	\$196,487,000	\$300,111,000
Nursery Stock	8,555,000	\$7,178,000	\$11,985,000	\$10,786,000	\$11,099,000
Apiary Products	2,377,000	\$2,260,000	\$2,624,000	\$2,578,000	\$4,213,000
Livestock, all	8,800,000	\$8,018,000	\$9,678,000	\$12,359,000	\$11,925,000
<b>Subtotal</b>	<b>\$254,625,000</b>	<b>\$287,497,000</b>	<b>\$332,146,000</b>	<b>\$343,242,000</b>	<b>\$432,028,000</b>
Timber	32,878,000	\$18,056,000	\$13,264,000	\$15,032,000	\$7,662,000
<b>Grand Total</b>	<b>\$287,503,000</b>	<b>\$305,553,000</b>	<b>\$345,410,000</b>	<b>\$358,274,000</b>	<b>\$439,690,000</b>

# 2005 FIVE-YEAR SUMMARY OF PLANT CROP ACRES

	2001	2002	2003	2004	2005
Field Crops	391,368	398,599	361,982	371,000	361,082
Seed Crops	5,699	6,020	5,978	6,050	6,453
Vegetable Crops	700	675	685	685	680
Fruit & Nut Crops	75,835	75,222	77,764	79,700	82,178
<b>Grand Total</b>	<b>473,602</b>	<b>480,516</b>	<b>446,409</b>	<b>457,435</b>	<b>450,393</b>



# 2005 SUSTAINABLE AGRICULTURAL REPORT

This report summarizes the varied activities conducted and the methods used to prevent and control the spread of exotic pests in Butte County.

The pest detection, pest exclusion, and pest eradication programs serve to protect the county from infestation of introduced pests. Through monitoring and quick response to small infestations, damaging pest populations can be controlled before they require a large-scale response.

Biological control provides a method of sustainable pest control with a minimum impact to the environment.

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Scope of Program</u>
<u>PEST EXCLUSION</u> Exotic Pests	11,982 Shipments inspected for live pests, including Glassy-winged Sharp Shooter and Sudden Oak Death.	
<u>PEST DETECTION</u> Gypsy Moth, Med. Fly, Japanese & Khapra Beetle, Oriental, Melon & Glassy-winged sharpshooter.	993 Traps placed throughout the County to detect the presence of these pests.	
<u>PEST ERADICATION</u> Spotted Knapweed Diffuse Knapweed Hoary Cress Perennial Peppergrass White Horsenettle Skeleton Weed Dyer's Woad	Controlled by a combination of mechanical and chemical methods.	52 Sites spread throughout the county
<u>PEST MANAGEMENT</u> Glassy Winged Sharpshooter <u>Homalodisca coagulata</u>	Controlled by chemical method	Eradicated January 17, 2006
<u>PEST MANAGEMENT</u> & Yellowstar Thistle <u>Centaurea solstitialis</u>	<u>BIOLOGICAL CONTROL</u> Seed Weevils / Gall Fly / Seed Fly <u>Bangasternus/ Chaetoriella/ Eustenpus/ Larinus/ Urophora</u> Klamath Beetle	Generally distributed
Klamath Weed <u>Hypericum perforatum</u> Puncture Vine <u>Tribulus terrestris</u> Italian Thistle <u>Carduus tenuiflorus/ Carduus pycnocephalus</u> Ash Whitefly <u>Siphoninus phillyreae</u> Purple loosestrife <u>Lythrum salicaria</u> Eucalyptus Red Gum Lerp Psyllid <u>Glycaspis brimblecombei</u>	<u>Chrysoline gemellata</u> Stem & Seed Weevils <u>Microlarinus lypriformis</u> Seed head Weevils <u>Rhinocyllus conicus</u> A parasitic wasp <u>Encarsia partenopea</u> Root & seed Weevils/Leaf Beetles <u>Hylobius/Nanophyes/galerucella</u> Parasitic wasp <u>Psyllaephagus bliteus</u>	Generally distributed Generally distributed Generally distributed Generally distributed Generally distributed Generally distributed Nursery sites Nursery sites

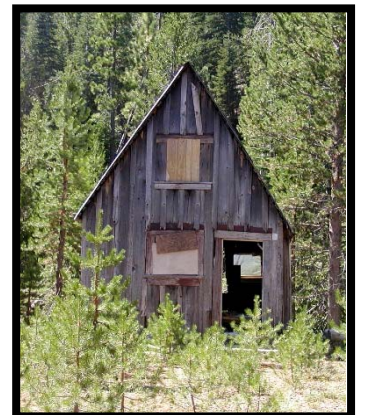
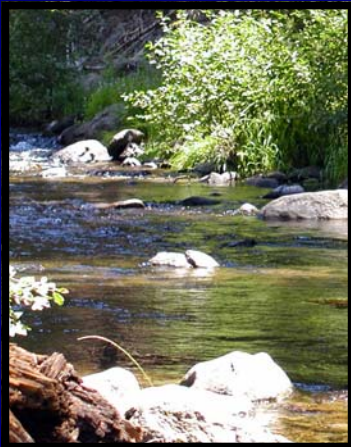


# 2006



# BUTTE COUNTY

## AGRICULTURAL CROP REPORT







Oroville Lake  
By Rob Hill, Butte  
County Ag. Dept.



Butte Creek



Upper Butte  
Creek



Table Mountain



Gray Lodge

By Lynne Pillus, Butte County Water and Resource Conservation Dept.



# Butte County

LAND OF NATURAL WEALTH AND BEAUTY

## OFFICES OF AGRICULTURAL COMMISSIONER WEIGHTS AND MEASURES

316 NELSON AVENUE OROVILLE, CALIFORNIA 95965-3318  
AGRICULTURAL DEPT.: OFFICE: (530) 538-7381 FAX: (530) 538-7594

**RICHARD B. PRICE**  
Agricultural Commissioner/  
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**LOUIE B. MENDOZA, JR.**  
Assistant Agricultural Commissioner  
/ Weights & Measures

June 28, 2007

A.G. Kawamura, Secretary of  
California Department of Food and Agriculture

The Honorable Butte County Board of Supervisors

Jane Dolan, Chairperson

Bill Connelly                      Curt Josiassen  
Maureen Kirk                     Kim Yamaguchi

Paul McIntosh, Chief Administrative Officer,

In accordance with provisions of section 2279 of the California Food and Agriculture Code, I am submitting the sixty-fifth annual crop report of agricultural production and agricultural value in Butte County for the 2006 calendar year.

This report is a summary estimate of the acreage, production and gross value of Butte County agricultural products. The values presented in this report are gross values only, and do not reflect net farm income or costs of production and marketing.

The estimated gross value of agricultural production in Butte County for 2006 totaled \$454,212,000. This is a 14.5 million dollar increase over the 2005 gross value total of \$439,690,000. The total increase in gross value of agriculture during 2006 is 33.9 percent above our county 10-year average of \$339,204,000.

I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, and to all the staff for their efforts in the compilation of this report.

Respectfully submitted,

*Richard B. Price*

Richard B. Price, Agricultural Commissioner

**BUTTE COUNTY  
AGRICULTURAL COMMISSIONER'S  
OFFICE PERSONNEL**

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**Richard B. Price**

Agricultural Commissioner/Director of Weights & Measures

Louie B. Mendoza Jr.	Assistant Agricultural Commissioner/Weights & Measures
Robert C. Hill	Deputy Agricultural Commissioner
Mary E. Daniels	Deputy Agricultural Commissioner

**OROVILLE DISTRICT**

Dave Sanford	Agricultural Biologist II
Charmaigne Damron	Administrative Assistant, Senior
Friede Violante	Office Specialist, Senior
Janice Wallick	Office Specialist
Matt Albertsen	Wildlife Specialist
Michael Brown	Agricultural /W&M Inspector I
Apolinar Barrales	Agricultural /W&M Inspector
Kevin Hermansen	Agricultural /W&M Inspector
Gary Imhoff	Agricultural /W&M Inspector
Sally Loker	GIS Technician

**CHICO DISTRICT**

Helmut Bloo	Agricultural Biologist, Supervisor
Navid Khan	Agricultural Biologist, Senior
Eric Pittman	Agricultural Biologist, Senior
Katharine Quist	Agricultural Biologist II
Randy Hartman	Agricultural Biologist II

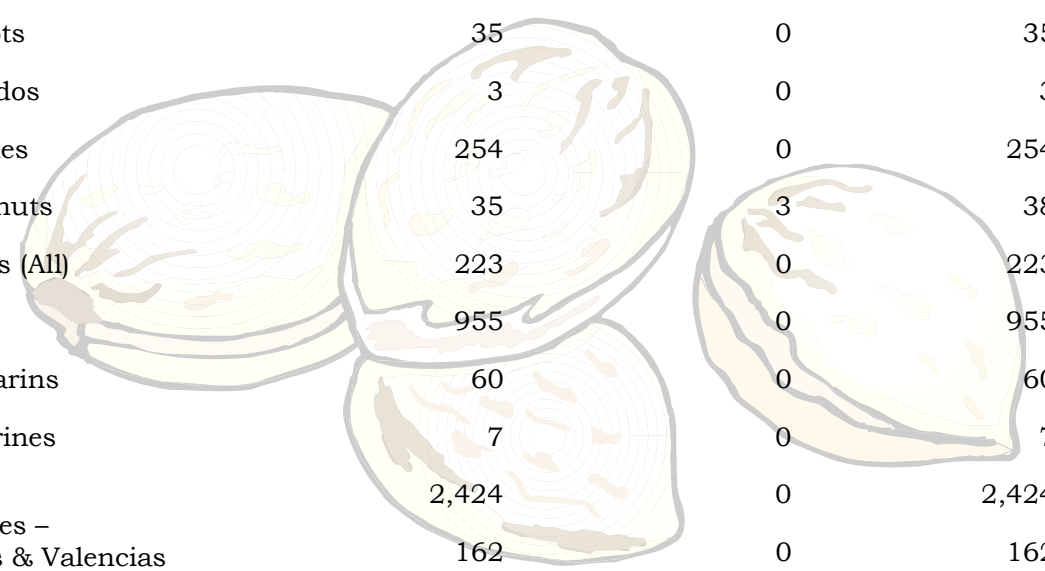
**GRIDLEY DISTRICT**

Mike Stewart	Agricultural Biologist, Supervisor
Ramon Jauregui	Agricultural Biologist III

**WEIGHTS & MEASURES**

Tom Pisani	Deputy Director of Weights & Measures
Ron Hunt	Weights & Measures, Senior
Dan Shrout	Weights & Measures Inspector III

# 2006 FRUIT & NUT CROPS ACREAGE STATISTICS



<u>Orchard Crops</u>	<u>Bearing Acreage*</u>	<u>Non-Bearing Acreage*</u>	<u>Total Acreage*</u>
Almonds	38,137	1,825	39,962
Apples	78	0	78
Apricots	35	0	35
Avocados	3	0	3
Cherries	254	0	254
Chestnuts	35	3	38
Grapes (All)	223	0	223
Kiwis	955	0	955
Mandarins	60	0	60
Nectarines	7	0	7
Olives	2,424	0	2,424
Oranges – Navels & Valencias	162	0	162
Peaches, Clingstone	2,388	200	2,588
Peaches, Freestone	70	14	84
Pears (All)	16	0	16
Pecans	200	113	313
Persimmons	88	0	88
Pistachios	624	33	657
Plums	170	0	170
Dried Plums	10,700	1,065	11,765
Walnuts, English	29,400	5,580	34,980
Walnuts, Black	42	0	42
<b>TOTAL</b>	<b>86,071</b>	<b>8,833</b>	<b>94,904</b>

\*Data from California Crop and Livestock Reporting Service and other sources

# 2006 FIELD CROPS

## ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
			<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
<b>Beans,</b> Dry edible	<b>2006</b>	<b>600</b>	<b>1.19</b>	<b>714</b>	<b>ton</b>	<b>\$761.00</b>	<b>\$543,000</b>
	2005	756	.86	650	ton	\$705.00	\$458,000
<b>Hay, alfalfa</b>	<b>2006</b>	<b>1,944</b>	<b>5.30</b>	<b>10,303</b>	<b>ton</b>	<b>\$123.00</b>	<b>\$1,267,000</b>
	2005	1,885	6.10	11,500	ton	\$109.00	\$1,254,000
<b>Pasture,</b> Irrigated	<b>2006</b>	<b>15,500</b>			<b>acre</b>	<b>\$127.00</b>	<b>\$1,968,500</b>
	2005	15,500			acre	\$115.00	\$1,783,000
<b>Pasture,</b> Other	<b>2006</b>	<b>240,000</b>			<b>acre</b>	<b>\$10.00</b>	<b>\$2,400,000</b>
	2005	240,000			acre	\$9.00	\$2,160,000
<b>Rice</b>	<b>2006</b>	<b>105,673</b>	<b>4.12</b>	<b>435,373</b>	<b>ton</b>	<b>\$288.00</b>	<b>\$125,387,000</b>
	2005	96,400	3.80	366,320	ton	\$235.00	86,085,000
<b>Safflower</b>	<b>2006</b>	<b>150</b>	<b>.94</b>	<b>141</b>	<b>ton</b>	<b>\$267.00</b>	<b>\$37,600</b>
	2005	210	1.30	273	ton	\$240.00	\$66,000
<b>Wheat</b>	<b>2006</b>	<b>2,700</b>	<b>2.20</b>	<b>5,940</b>	<b>ton</b>	<b>\$110.00</b>	<b>\$653,000</b>
	2005	1,600	2.74	4,384	ton	\$92.00	\$403,000
<b>Misc.**</b>	<b>2006</b>	<b>4,690</b>					<b>\$4,441,000</b>
	2005	4,731					\$4,665,000
<b>Total</b>	<b>2006</b>	<b>371,257</b>					<b>\$136,697,000</b>
	2005	361,082					\$96,874,000

\*Includes government payments.

\*\*Alfalfa silage, barley, beans (other), corn, corn silage, cotton, lavender, oats, pumpkin, sorghum, sunflower, wild rice, sweet rice, organic field crops, crop by-products, etc.

# 2006 FRUIT AND NUT ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
			<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>CROP</u>	<u>YEAR</u>
<b>Almonds</b>	<b>2006</b>	<b>38,137</b>	<b>.66</b>	<b>25,170</b>	<b>ton</b>	<b>\$4,150.00</b>	<b>\$104,456,000</b>
	2005	40,084	.85	34,071	ton	\$5,500.00	\$187,391,000
<b>Hulls</b>	<b>2006</b>			<b>31,463</b>	<b>ton</b>	<b>\$80.00</b>	<b>\$2,517,000</b>
	2005			42,589	ton	\$84.00	\$3,577,000
<b>Citrus, all oranges</b>	<b>2006</b>	<b>162</b>	<b>5.29</b>	<b>857</b>	<b>ton</b>	<b>\$750.00</b>	<b>\$643,000</b>
	2005	162	7.06	1,144	ton	\$540.00	\$618,000
<b>Kiwis</b>	<b>2006</b>	<b>860</b>	<b>5.41</b>	<b>4,653</b>	<b>ton</b>	<b>\$797.00</b>	<b>\$3,708,000</b>
	2005	860	9.02	7,757	ton	\$869.00	\$6,741,000
<b>*Olives</b>	<b>2006</b>	<b>1,907</b>	<b>.75</b>	<b>1,430</b>	<b>ton</b>	<b>\$1,000.00</b>	<b>\$1,430,000</b>
	2005	1,882	2.44	4,592	ton	\$364.00	\$1,671,000
<b>Peaches, Clingstone</b>	<b>2006</b>	<b>2,388</b>	<b>9.0</b>	<b>21,492</b>	<b>ton</b>	<b>\$276.00</b>	<b>\$5,932,000</b>
	2005	2,855	15.0	42,825	ton	\$236.00	\$10,107,000
<b>Pistachios</b>	<b>2006</b>	<b>624</b>	<b>1.26</b>	<b>786</b>	<b>ton</b>	<b>\$3,840.00</b>	<b>\$3,018,000</b>
	2005	581	.55	320	ton	\$4,060.00	\$1,297,000
<b>Plums, Dried</b>	<b>2006</b>	<b>10,230</b>	<b>3.19</b>	<b>32,634</b>	<b>ton</b>	<b>\$1,350.00</b>	<b>\$44,056,000</b>
	2005	7,310	1.00	7,310	ton	\$1,000.00	\$7,310,000
<b>Walnuts, English</b>	<b>2006</b>	<b>29,400</b>	<b>1.74</b>	<b>51,156</b>	<b>ton</b>	<b>\$1,560.00</b>	<b>\$79,803,000</b>
	2005	27,080	2.00	54,160	ton	\$1,416.00	\$76,691,000
<b>**Misc.</b>	<b>2006</b>	<b>3,225</b>					<b>\$6,795,000</b>
	2005	1,364					\$4,708,000
<b>TOTAL</b>	<b>2006</b>	<b>86,933</b>					<b>\$252,358,000</b>
	2005	82,178					\$300,111,000

\*Data includes olives grown for canning, specialty products and oil.

\*\*Apples, apricots, avocados, blueberries, misc. berries, black walnuts, cherries, chestnuts, grapes, mandarins, peaches (Freestone), crop by-products, pears, pecans, persimmons, plums, fresh prunes, organic tree crops, etc. Acres may vary from state report. Figures are based on harvested acres only.

# 2006 SEED ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
			<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>CROP</u>	<u>YEAR</u>
Beans, Dry Kidney	2006	371	1,985	736,435	lbs.	\$0.44	\$324,000
	2005	1,413	2,414	3,411,000	lbs.	\$0.40	\$1,364,000
Rice	2006	4,500	7,656	34,452,000	lbs.	\$0.16	\$5,512,000
	2005	3,443	7,831	26,962,000	lbs.	\$0.16	\$4,314,000
*Misc.	2006	567					\$643,000
	2005	1,597					\$1,578,000
Total	2006	5,438					\$6,479,000
	2005	6,453					\$7,256,000

\*Beans (other), cucurbits, melons, pumpkins, safflower, squash, sunflower, watermelon, etc...

## 2006 VEGETABLE VALUE



	<u>YEAR</u>	<u>TOTAL VALUE</u>
*Misc.	2006	\$570,000
	2005	\$550,000

\*Asparagus, broccoli, corn, cucumbers, melons, onions, oriental vegetables, pumpkins, squash, tomatoes, etc.



## 2006 ORGANIC CROP STATISTICS

<u>CROP</u>	<u>NUMBER OF FARMS</u>	<u>ESTIMATED ACRES</u>	<u>TOTAL VALUE</u>
Registered Organic Producers*	52	15,382	\$7,199,500

\*Includes alfalfa, almonds, apples, berries, cherries, cut flowers, grapes, herbs, kiwi fruit, livestock, dairy, mandarins, nursery stock, olives, peaches, persimmons, prunes, rice, safflower, tomatoes, vegetables, vetch, walnuts and wild rice.

## 2006 NURSERY ACREAGE & VALUE

<u>CROP</u>	<u>YEAR</u>	<u>TOTAL ACREAGE</u>	<u>TOTAL VALUE</u>
*Misc.	2006	198	\$19,905,000
	2005	183	\$11,099,000

\*Includes broad leaved evergreens, coniferous evergreens, deciduous fruit, nut and shade trees, shrubs, kiwi vines, herbaceous perennials, indoor decorative plants, bulbs, rhizomes, bedding plants, specimen trees.



# 2006 APIARY PRODUCTS PRODUCTION AND VALUE

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>VALUE</u>	
		<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Pollination	2006	40,029	Colony	145.00	\$5,804,000
	2005	42,136	Colony	\$80.00	\$3,371,000
*Other Apiary Products	2006				\$922,000
	2005				\$842,000
<b>TOTAL</b>	2006				<b>\$6,726,000</b>
	2005				\$4,213,000

\*Includes beeswax, honey, beeswax, nuclei, packaged bees and queens.



# 2006 HARVESTED TIMBER PRODUCTION AND VALUE

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION BOARD FEET*</u>	<u>VALUE</u>
Harvested Timber**	2006	62,797,000	\$19,653,000
	2005	29,936,000	\$7,662,000
Other Timber Products***	2006		\$9,000
<b>TOTAL</b>	2006		<b>\$19,662,000</b>
	2005		\$7,662,000

\*Board feet is the quantity of timber cut and scaled.

\*\*Timber production and value data provided by State Board of Equalization, Timber Tax Division.

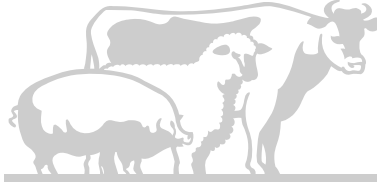
\*\*\*First year category has been listed.





# 2006 LIVESTOCK AND POULTRY PRODUCTION AND VALUE

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
		<u>NO. OF HEAD</u>	<u>TOTAL LIVE WEIGHT</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Cattle & Calves	2006	14,500	86,275	cwt.	\$110.00	\$9,490,000
	2005	13,500	80,325	cwt.	\$111.00	\$8,916,000
Sheep, all	2006	1,700	1,850	cwt.	\$84.00	\$155,000
	2005	1,700	1,860	cwt.	\$98.90	\$184,000
Hogs, all	2006	690	1,380	cwt.	\$47.90	\$66,100
	2005	700	1,553	cwt.	\$50.70	\$79,000
*Misc.	2006					\$950,000
	2005					\$950,000
<b>TOTAL</b>	<b>2006</b>					<b>\$10,661,000</b>
	2005					\$10,212,000



\*Fish, Poultry, Pheasant, Quail, Rabbits, Worms, Organic, etc.

## 2006 LIVESTOCK PRODUCTS

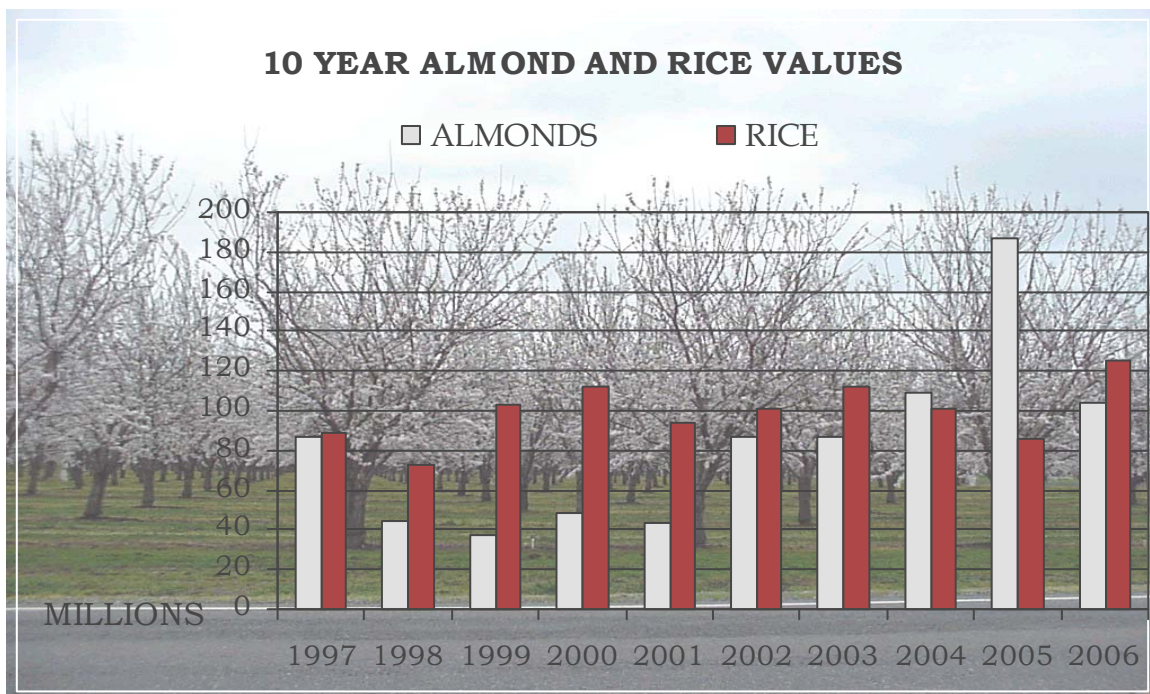
<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>VALUE</u>	
		<u>PRODUCTION</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Milk, Market*	2006	86,477	cwt.	\$12.81	\$1,108,000
	2005	107,354	cwt.	\$15.42	\$1,655,000
Milk, Manufacturing*	2006	3,619	cwt.	\$12.71	\$46,000
	2005	4,828	cwt.	\$12.01	\$58,000
<b>TOTAL</b>	<b>2006</b>	<b>90,096</b>			<b>\$1,154,000</b>
	2005	112,182			\$1,713,000

\*California Agricultural Statistics Service



# 2006 MILLION DOLLAR CROPS

	<u>CROP</u>	<u>VALUE</u>
1	RICE	\$125,387,000
2	ALMONDS	\$104,456,000
3	WALNUTS	\$79,803,000
4	DRIED PLUMS	\$44,056,000
5	NURSERY STOCK	\$19,905,000
6	TIMBER	\$19,653,000
7	CATTLE/CALVES	\$9,490,000
8	FRUIT & NUT CROPS, misc.	\$6,795,000
9	PEACHES, Clingstone	\$5,932,000
10	APIARY POLLINATION	\$5,804,000
11	RICE SEED	\$5,512,000
12	FIELD CROPS, misc.	\$4,441,000
13	KIWIS	\$3,708,000
14	PISTACHIOS	\$3,018,000
15	ALMOND HULLS	\$2,517,000
16	DRYLAND PASTURE & RANGE	\$2,400,000
17	PASTURE, Irrigated	\$1,968,500
18	OLIVES, All	\$1,430,000
19	HAY, Alfalfa	\$1,267,000
20	MILK, Market	\$1,108,000



# FIVE-YEAR SUMMARY OF CROP VALUES



	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
Field Crops	\$112,987,000	\$124,279,000	\$112,402,000	\$96,874,000	\$136,697,000
Seed Crops	\$6,877,000	\$7,459,000	\$8,080,000	\$7,256,000	\$6,479,000
Vegetable Crops	\$490,000	\$510,000	\$550,000	\$550,000	\$570,000
Fruit & Nut Crops	\$149,687,000	\$175,611,000	\$196,487,000	\$300,111,000	\$252,358,000
Nursery Stock	\$7,178,000	\$11,985,000	\$10,786,000	\$11,099,000	\$19,905,000
Apiary Products	\$2,260,000	\$2,624,000	\$2,578,000	\$4,213,000	\$6,726,000
Livestock, all	\$8,018,000	\$9,678,000	\$12,359,000	\$11,925,000	\$11,815,000
Subtotal	\$287,497,000	\$332,146,000	\$343,242,000	\$432,028,000	\$434,550,000
Timber, all	\$18,056,000	\$13,264,000	\$15,032,000	\$7,662,000	\$19,662,000
<b>Grand Total</b>	<b>\$305,553,000</b>	<b>\$345,410,000</b>	<b>\$358,274,000</b>	<b>\$439,690,000</b>	<b>\$454,212,000</b>

# 2006 FIVE-YEAR SUMMARY OF PLANT CROP ACRES



	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
Field Crops	398,599	361,982	371,000	361,082	371,257
Seed Crops	6,020	5,978	6,050	6,453	5,438
Vegetable Crops	675	685	685	680	680
Fruit & Nut Crops	75,222	77,764	79,700	82,178	86,933
<b>Grand Total</b>	<b>480,516</b>	<b>446,409</b>	<b>457,435</b>	<b>450,393</b>	<b>464,308</b>



# **2006 BUTTE COUNTY**

## **International**

### **Trading Partners**

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#### **Commodities Exported:**

Almonds  
Almond Shells  
Air Plants  
Figs

Kiwi  
Plums, fresh  
Plums, dried  
Rice, all

Seeds, other  
Sunflower Seeds  
Tomatoes, sun dried  
Walnuts

#### **Destination Countries:**

Algeria  
Australia  
Belgium  
Brazil  
Cambodia  
Chili  
China  
Czech Republic  
Denmark  
Ecuador  
France  
Germany  
Greece  
Guatemala  
Hong Kong  
Hungary

India  
Israel  
Italy  
Japan  
Kenya  
Kyrgyzstan  
Latvia  
Malaysia  
Mexico  
Mongolia  
Morocco  
Nepal  
Netherlands  
New Zealand  
Oman  
Philippines  
Peoples Republic of  
China

Poland  
Republic of Korea  
Russian Federation  
Saudi Arabia  
Singapore  
South Africa  
Spain  
Sri Lanka  
Sweden  
Switzerland  
Taiwan  
Ukraine  
United Arab Emirates  
United Kingdom  
Uzbekistan  
Vietnam



# 2006 SUSTAINABLE AGRICULTURAL REPORT

This report summarizes the varied activities conducted and the methods used to prevent and control the spread of exotic pests in Butte County.

The pest detection, pest exclusion, and pest eradication programs serve to protect the county from infestation of introduced pests. Through monitoring and quick response to small infestations, damaging pest populations can be controlled before they require a large-scale response.

Biological control provides a method of sustainable pest control with a minimum impact to the environment.

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Scope of Program</u>
<u>PEST EXCLUSION</u> Exotic Pests	11,982 Shipments inspected for live pests, including Glassy-winged Sharp Shooter and Sudden Oak Death.	
<u>PEST DETECTION</u> Gypsy Moth, Med. Fly, Japanese & Khapra Beetle, Oriental, Melon & Glassy-winged sharpshooter.	993 Traps placed throughout the County to detect the presence of these pests.	
<u>PEST ERADICATION</u> Spotted Knapweed Diffuse Knapweed Hoary Cress Perennial Peppergrass White Horsenettle Skeleton Weed Dyer's Woad	Controlled by a combination of mechanical and chemical methods.	52 Sites spread throughout the county
<u>PEST MANAGEMENT</u> Glassy Winged Sharpshooter <u>Homalodisca coagulata</u>	Controlled by chemical method	Eradicated January 17, 2006
<u>PEST MANAGEMENT</u> & Yellowstar Thistle <u>Centaurea solstitialis</u>	<u>BIOLOGICAL CONTROL</u> Seed Weevils / Gall Fly / Seed Fly <u>Bangasternus/ Chaetoriella/ Eustenpus/ Larinus/ Urophora</u>	Generally distributed
Klamath Weed <u>Hypericum perforatum</u>	Klamath Beetle <u>Chrysoline gemellata</u>	Generally distributed
Puncture Vine <u>Tribulus terrestris</u>	Stem & Seed Weevils <u>Microlarinus lypriformis</u>	Generally distributed
Italian Thistle <u>Carduus tenuiflorus/ Carduus pycnocephalus</u>	Seed head Weevils <u>Rhinocyllus conicus</u>	Generally distributed
Ash Whitefly <u>Siphoninus phillyreae</u>	A parasitic wasp <u>Encarsia partenopea</u>	Generally distributed
Purple loosestrife <u>Lythrum salicaria</u>	Root & seed Weevils/Leaf Beetles <u>Hylobius/Nanophyes/galerucella</u>	Nursery sites
Eucalyptus Red Gum Lerp Psyllid <u>Glycaspis brimblecombei</u>	Parasitic wasp <u>Psyllaephagus bliteus</u>	Nursery sites



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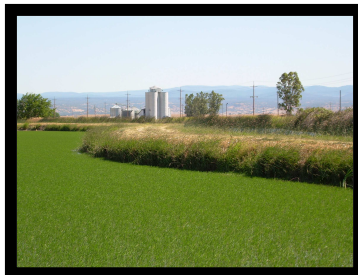
AGRICULTURAL CROP REPORT

The cover pictures feature the top three crops of 2007  
produced in Butte County.

Almonds



Rice

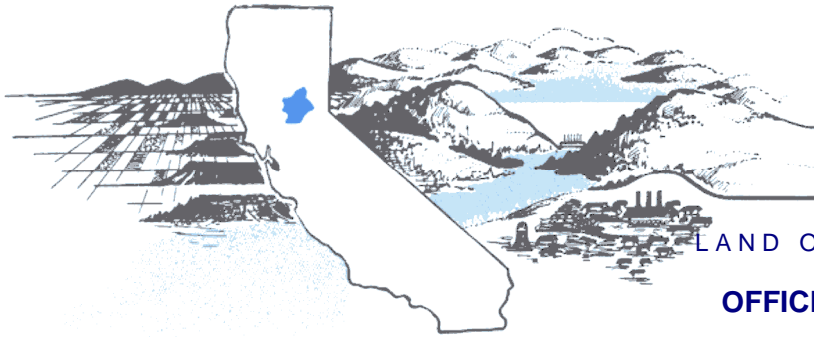


Walnuts



Crop Report prepared by Navid Khan, Deputy Agricultural Commissioner

Photos by Katharine Quist, Agricultural Biologist III



# Butte County

LAND OF NATURAL WEALTH AND BEAUTY

## OFFICES OF AGRICULTURAL COMMISSIONER WEIGHTS AND MEASURES

316 NELSON AVENUE OROVILLE, CALIFORNIA 95965-3318  
AGRICULTURAL DEPT OFFICE: (530) 538-7381 FAX: (530) 538-7594

June 12, 2008

**RICHARD B. PRICE**  
Agricultural Commissioner/  
Director of Weights & Measures

**MARY E. DANIELS**  
Assistant Agricultural Commissioner  
/ Weights & Measures

A.G. Kawamura, Secretary of  
California Department of Food and Agriculture

The Honorable Butte County Board of Supervisors

Jane Dolan, Chairperson

Bill Connelly                      Curt Josiassen  
Maureen Kirk                     Kim Yamaguchi

Brian Haddix, Chief Administrative Officer,

In accordance with provisions of section 2279 of the California Food and Agriculture Code, I am submitting the sixty-sixth annual crop report of agricultural production and agricultural value in Butte County for the 2007 calendar year.

This report is a summary estimate of the acreage, production and gross value of Butte County agricultural products. The values presented in this report are gross values only, and do not reflect net farm income or costs of production and marketing.

The estimated gross value of agricultural production in Butte County for 2007 totaled \$507,253,000. This is a 53 million dollar increase over the 2006 gross value total of \$454,212,000. The total increase in gross value of agriculture during 2007 is 30.0 percent above our county 10-year average of \$356,103,000.

I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, and to all the staff for their efforts in the compilation of this report.

Respectfully submitted,

*Richard B. Price*

Richard B. Price, Agricultural Commissioner



**BUTTE COUNTY  
AGRICULTURAL COMMISSIONER'S  
OFFICE PERSONNEL**

---

**Richard B. Price**

Agricultural Commissioner/Director of Weights & Measures

Mary E. Daniels	Assistant Agricultural Commissioner/Weights & Measures
Robert C. Hill	Deputy Agricultural Commissioner
Navid A. Khan	Deputy Agricultural Commissioner

**OROVILLE DISTRICT**

Katharine Quist	Agricultural Biologist III
Charmaigne Damron	Administrative Assistant, Senior
Friede Violante	Office Specialist, Senior
Janice Wallick	Office Specialist
Matt Albertsen	Wildlife Specialist
Michael Brown	Agricultural /W&M Inspector I
Apolinar Barrales	Agricultural /W&M Inspector
Kevin Hermansen	Agricultural /W&M Inspector
Gary Imhoff	Agricultural /W&M Inspector
Sally Loker	GIS Technician

**CHICO DISTRICT**

Helmut Bloo	Agricultural Biologist, Supervisor
Eric Pittman	Agricultural Biologist, Senior
Dave Sanford	Agricultural Biologist III
Randy Hartman	Agricultural Biologist III
Paul Weliver	Agricultural Biologist I

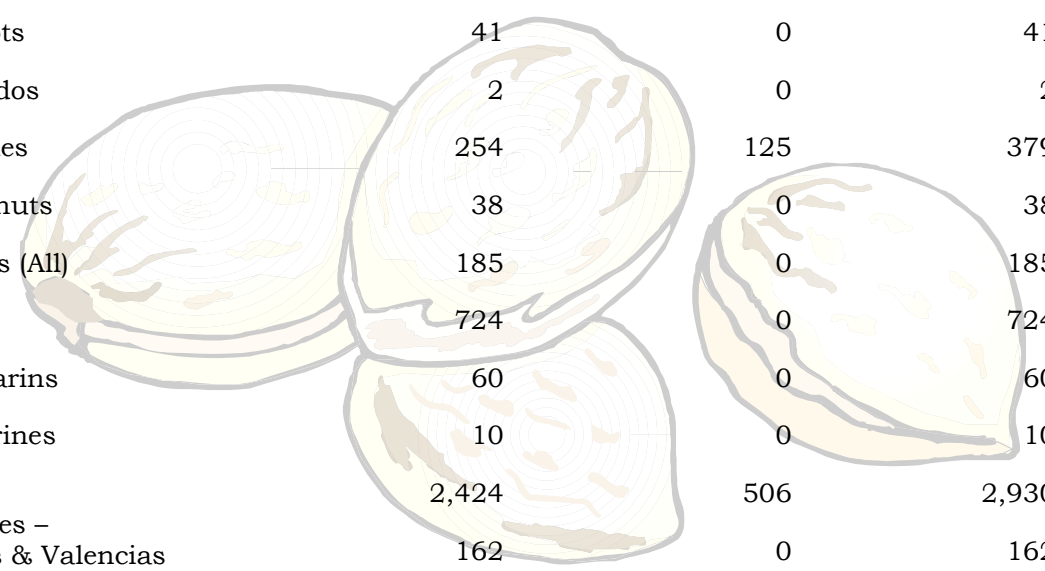
**GRIDLEY DISTRICT**

Mike Stewart	Agricultural Biologist, Supervisor
Ramon Jauregui	Agricultural Biologist III

**WEIGHTS & MEASURES**

Tom Pisani	Deputy Director of Weights & Measures
Ron Hunt	Weights & Measures, Senior
Dan Shrout	Weights & Measures Inspector III
Joe Salopek	Agricultural /W&M Inspector

# 2007 FRUIT & NUT CROPS ACREAGE STATISTICS



<u>Orchard Crops</u>	<u>Bearing Acreage*</u>	<u>Non-Bearing Acreage*</u>	<u>Total Acreage*</u>
Almonds	39,156	2,264	41,420
Apples	62	0	62
Apricots	41	0	41
Avocados	2	0	2
Cherries	254	125	379
Chestnuts	38	0	38
Grapes (All)	185	0	185
Kiwis	724	0	724
Mandarins	60	0	60
Nectarines	10	0	10
Olives	2,424	506	2,930
Oranges – Navels & Valencias	162	0	162
Peaches, Clingstone	2,487	71	258
Peaches, Freestone	70	0	70
Pears (All)	16	0	16
Pecans	212	123	335
Persimmons	88	0	88
Pistachios	624	61	685
Plums	156	14	170
Dried Plums	10,890	1,414	12,304
Walnuts, English	29,420	5,804	35,224
Walnuts, Black	42	0	42
<b>TOTAL</b>	<b>86,909</b>	<b>10,596</b>	<b>97,505</b>

\*Data from California Crop and Livestock Reporting Service and other sources

# 2007 FIELD CROPS

## ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
			<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
<b>Beans,</b> Dry edible	<b>2007</b>	<b>610</b>	<b>1.30</b>	<b>793</b>	<b>ton</b>	<b>\$820.00</b>	<b>\$650,000</b>
	2006	600	1.19	714	ton	\$761.00	\$543,000
<b>Hay, alfalfa</b>	<b>2007</b>	<b>1,602</b>	<b>6.85</b>	<b>10,970</b>	<b>ton</b>	<b>\$138.00</b>	<b>\$1,514,000</b>
	2006	1,944	5.30	10,303	ton	\$123.00	\$1,267,000
<b>Pasture,</b> Irrigated	<b>2007</b>	<b>15,500</b>			<b>acre</b>	<b>\$150.00</b>	<b>\$2,325,000</b>
	2006	15,500			acre	\$127.00	\$1,968,500
<b>Pasture,</b> Other	<b>2007</b>	<b>240,000</b>			<b>acre</b>	<b>\$10.00</b>	<b>\$2,400,000</b>
	2006	240,000			acre	\$10.00	\$2,400,000
<b>Rice*</b>	<b>2007</b>	<b>101,634</b>	<b>4.33</b>	<b>440,075</b>	<b>ton</b>	<b>\$295.00</b>	<b>\$129,822,000</b>
	2006	105,673	4.12	435,373	ton	\$288.00	\$125,387,000
<b>Safflower</b>	<b>2007</b>	<b>380</b>	<b>1.10</b>	<b>418</b>	<b>ton</b>	<b>\$365.00</b>	<b>\$153,000</b>
	2006	150	.94	141	ton	\$267.00	\$37,600
<b>Wheat</b>	<b>2007</b>	<b>3,200</b>	<b>2.60</b>	<b>8,320</b>	<b>ton</b>	<b>\$170.00</b>	<b>\$1,414,000</b>
	2006	2,700	2.20	5,940	ton	\$110.00	\$653,000
<b>Misc.**</b>	<b>2007</b>	<b>5,470</b>					<b>\$6,463,000</b>
	2006	4,690					\$4,441,000
<b>Total</b>	<b>2007</b>	<b>368,396</b>					<b>\$144,741,000</b>
	2006	371,257					\$136,697,000

\*Includes government payments.

\*\*Alfalfa silage, barley, beans (other), corn, corn silage, cotton, lavender, oats, pumpkin, sorghum, sunflower, wild rice, sweet rice, organic field crops, crop by-products, etc.

# 2007 FRUIT AND NUT ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
			<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>CROP</u>	<u>YEAR</u>
<b>Almonds</b>	<b>2007</b>	<b>39,156</b>	<b>.95</b>	<b>37,198</b>	<b>ton</b>	<b>\$3,580.00</b>	<b>\$133,170,000</b>
	2006	38,137	.66	25,170	ton	\$4,150.00	\$104,456,000
<b>Hulls</b>	<b>2007</b>			<b>46,487</b>	<b>ton</b>	<b>\$90.00</b>	<b>\$4,184,000</b>
	2006			31,463	ton	\$80.00	\$2,517,000
<b>Citrus, all oranges</b>	<b>2007</b>	<b>162</b>	<b>4.76</b>	<b>771</b>	<b>ton</b>	<b>\$700.00</b>	<b>\$540,000</b>
	2006	162	5.29	857	ton	\$750.00	\$643,000
<b>Kiwis</b>	<b>2007</b>	<b>724</b>	<b>6.00</b>	<b>4,344</b>	<b>ton</b>	<b>\$1,540.00</b>	<b>\$6,690,000</b>
	2006	860	5.41	4,653	Ton	\$797.00	\$3,708,000
<b>Olives*</b>	<b>2007</b>	<b>1,957</b>	<b>2.50</b>	<b>4,893</b>	<b>Ton</b>	<b>\$1,100.00</b>	<b>\$5,382,000</b>
	2006	1,907	.75	1,430	ton	\$1,000.00	\$1,430,000
<b>Peaches, Clingstone</b>	<b>2007</b>	<b>2,487</b>	<b>15.0</b>	<b>37,305</b>	<b>ton</b>	<b>\$288.00</b>	<b>\$10,744,000</b>
	2006	2,388	9.0	21,492	ton	\$276.00	\$5,932,000
<b>Pistachios</b>	<b>2007</b>	<b>624</b>	<b>1.50</b>	<b>936</b>	<b>ton</b>	<b>\$3,150.00</b>	<b>\$2,948,000</b>
	2006	624	1.26	786	ton	\$3,840.00	\$3,018,000
<b>Plums, Dried</b>	<b>2007</b>	<b>10,590</b>	<b>1.20</b>	<b>12,708</b>	<b>ton</b>	<b>\$1,600.00</b>	<b>\$20,333,000</b>
	2006	10,230	3.19	32,634	ton	\$1,350.00	\$44,056,000
<b>Walnuts, English</b>	<b>2007</b>	<b>29,420</b>	<b>1.70</b>	<b>50,014</b>	<b>ton</b>	<b>\$2,100.00</b>	<b>\$105,029,000</b>
	2006	29,400	1.74	51,156	ton	\$1,560.00	\$79,803,000
<b>**Misc.</b>	<b>2007</b>	<b>3,254</b>					<b>\$9,264,000</b>
	2006	3,225					\$6,795,000
<b>TOTAL</b>	<b>2007</b>	<b>88,374</b>					<b>298,284,000</b>
	2006	86,933					\$252,358,000

\*Data includes olives grown for canning, specialty products and oil.

\*\*Apples, apricots, avocados, blueberries, misc. berries, black walnuts, cherries, chestnuts, grapes, mandarins, peaches (Freestone), crop by-products, pears, pecans, persimmons, plums, fresh prunes, organic tree crops, etc. Acres may vary from state report. Figures are based on harvested acres only.

# 2007 SEED ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
			<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>CROP</u>	<u>YEAR</u>
Rice	2007	5,113	8,200	41,926,600	Lbs.	\$0.18	\$7,547,000
	2006	4,500	7,656	34,452,000	Lbs.	\$0.16	\$5,512,000
Misc.*	2007	558					\$724,000
	2006	567					\$643,000
Total	2007	5,671					\$8,271,000
	2006	5,438					\$6,479,000

\*Beans (other), cucurbits, melons, pumpkins, safflower, squash, sunflower, watermelon, etc...

## 2007 VEGETABLE VALUE



	<u>YEAR</u>	<u>TOTAL VALUE</u>
Misc.*	2007	\$588,000
	2006	\$570,000

\*Asparagus, broccoli, corn, cucumbers, melons, onions, oriental vegetables, pumpkins, squash, tomatoes, etc.



## 2007 ORGANIC CROP STATISTICS

<u>CROP</u>	<u>NUMBER OF FARMS</u>	<u>ESTIMATED ACRES</u>	<u>TOTAL VALUE</u>
Registered Organic Producers*	81	18,082	\$10,365,000

\*Includes alfalfa, almonds, apples, berries, cherries, cut flowers, grapes, herbs, kiwi fruit, livestock, dairy, mandarins, nursery stock, olives, peaches, persimmons, prunes, rice, safflower, tomatoes, vegetables, vetch, walnuts and wild rice.

## 2007 NURSERY ACREAGE & VALUE

<u>CROP</u>	<u>YEAR</u>	<u>TOTAL ACREAGE</u>	<u>TOTAL VALUE</u>
Misc.*	2007	214	\$18,832,000
	2006	198	\$19,905,000

\*Includes broad leaved evergreens, coniferous evergreens, deciduous fruit, nut and shade trees, shrubs, kiwi vines, herbaceous perennials, indoor decorative plants, bulbs, rhizomes, bedding plants, specimen trees.



# 2007 APIARY PRODUCTS PRODUCTION AND VALUE

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>VALUE</u>	
		<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
<b>Pollination</b>	<b>2007</b>	<b>45,232</b>	<b>Colony</b>	<b>\$145.00</b>	<b>\$6,559,000</b>
	2006	40,029	Colony	\$145.00	\$5,804,000
<b>Other Apiary Products*</b>	<b>2007</b>				<b>\$741,000</b>
	2006				\$922,000
<b>TOTAL</b>	<b>2007</b>				<b>\$7,300,000</b>
	2006				\$6,726,000

\*Includes beeswax, honey, beeswax, nuclei, packaged bees and queens.



# 2007 HARVESTED TIMBER PRODUCTION AND VALUE

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>	<u>VALUE</u>
		<u>BOARD FEET*</u>	
<b>Harvested Timber**</b>	<b>2007</b>	<b>65,964,000</b>	<b>\$16,550,000</b>
	2006	62,797,000	\$19,653,000
<b>Other Timber Products</b>	<b>2007</b>		<b>\$8,000</b>
	Other Timber Products	2006	\$9,000
<b>TOTAL</b>	<b>2007</b>		<b>\$16,558,000</b>
	2006		\$19,662,000

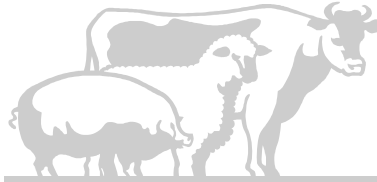
\*Board feet is the quantity of timber cut and scaled.

\*\*Timber production and value data provided by State Board of Equalization, Timber Tax Division.



# 2007 LIVESTOCK AND POULTRY PRODUCTION AND VALUE

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
		<u>NO. OF HEAD</u>	<u>TOTAL LIVE WEIGHT</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
<b>Cattle &amp; Calves</b>	<b>2007</b>	<b>18,000</b>	<b>107,100</b>	<b>cwt.</b>	<b>\$101.00</b>	<b>\$10,817,000</b>
	2006	14,500	86,275	cwt.	\$110.00	\$9,490,000
<b>Sheep, all</b>	<b>2007</b>	<b>1,700</b>	<b>2,346</b>	<b>cwt.</b>	<b>\$71.18</b>	<b>\$167,000</b>
	2006	1,700	1,850	cwt.	\$84.00	\$155,000
<b>Hogs, all</b>	<b>2007</b>	<b>700</b>	<b>1680</b>	<b>cwt.</b>	<b>\$48.40</b>	<b>\$81,300</b>
	2006	690	1,380	cwt.	\$47.90	\$66,100
<b>Misc.*</b>	<b>2007</b>					<b>\$985,000</b>
	2006					\$950,000
<b>TOTAL</b>	<b>2007</b>					<b>\$12,050,000</b>
	2006					\$10,661,000

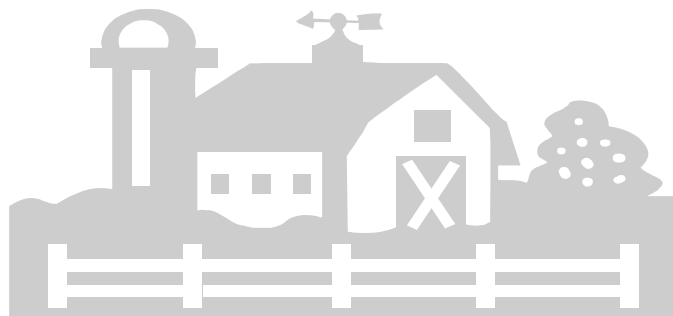


\*Fish, Poultry, Pheasant, Quail, Rabbits, Worms, Organic, etc.

## 2007 LIVESTOCK PRODUCTS

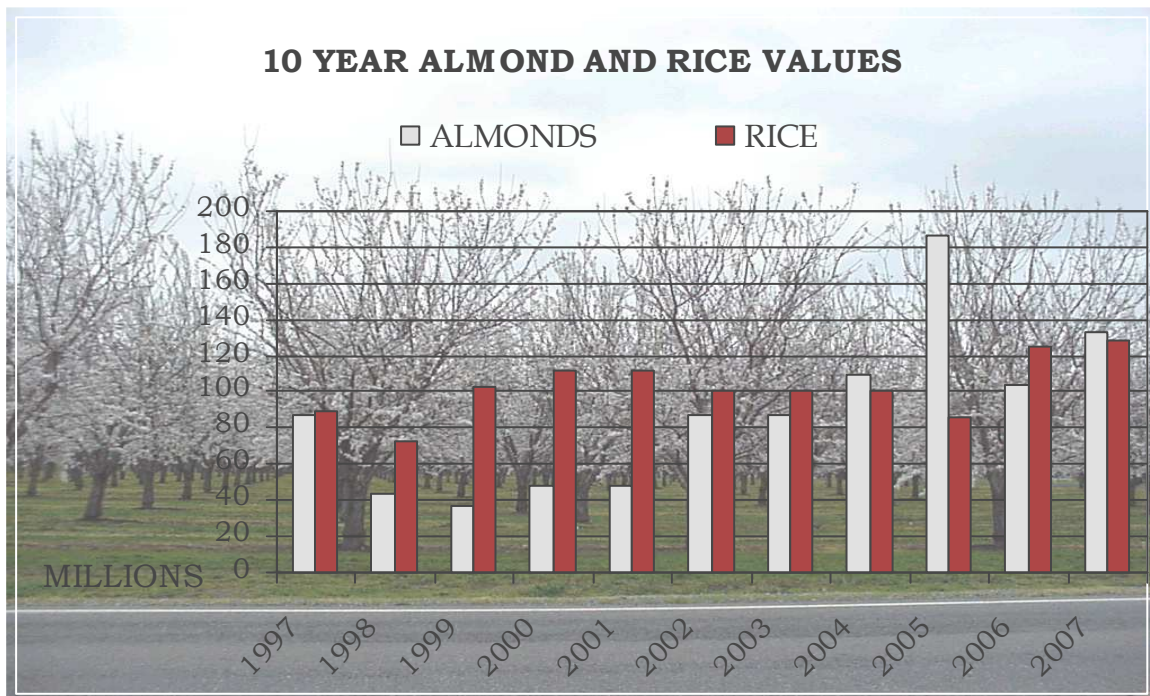
<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>VALUE</u>	
		<u>PRODUCTION</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
<b>Milk, Market*</b>	<b>2007</b>	<b>40,683</b>	<b>cwt.</b>	<b>\$14.33</b>	<b>\$583,000</b>
	2006	86,477	cwt.	\$12.81	\$1,108,000
<b>Milk, Manufacturing*</b>	<b>2007</b>	<b>3,619</b>	<b>cwt.</b>	<b>\$12.71</b>	<b>\$46,000</b>
	2006	3,619	cwt.	\$12.71	\$46,000
<b>TOTAL</b>	<b>2007</b>	<b>44,302</b>			<b>\$629,000</b>
	2006	90,096			\$1,154,000

\*California Agricultural Statistics Service



# 2007 MILLION DOLLAR CROPS

	<u>CROP</u>	<u>VALUE</u>
1	ALMONDS	\$133,170,000
2	RICE	\$129,822,000
3	WALNUTS	\$105,029,000
4	DRIED PLUMS	\$20,330,000
5	NURSERY STOCK	\$18,832,000
6	TIMBER	\$16,550,000
7	CATTLE/CALVES	\$10,817,000
8	PEACHES -CLINGSTONE	\$10,744,000
9	FRUIT&NUT CROPS, misc.	\$9,264,000
10	RICE SEED	\$7,547,000
11	APIARY POLLINATION	\$6,559,000
12	KIWIS	\$6,690,000
13	FIELD CROPS, misc	\$6,463,000
14	OLIVES, All	\$5,382,000
15	AMONDS HULLS	\$4,184,000
16	PISTACHIOS	\$2,948,000
17	DRYLAND PASTURE & RANGE	\$2,400,000
18	PASTURE, Irrigated	\$2,325,000
19	HAY, Alfalfa	\$1,514,000
20	WHEAT	\$1,414,000





# FIVE-YEAR SUMMARY OF CROP VALUES



	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>
Field Crops	\$124,279,000	\$112,402,000	\$96,874,000	\$136,697,000	\$144,741,000
Seed Crops	\$7,459,000	\$8,080,000	\$7,256,000	\$6,479,000	\$8,271,000
Vegetable Crops	\$510,000	\$550,000	\$550,000	\$570,000	\$588,000
Fruit & Nut Crops	\$175,611,000	\$196,487,000	\$300,111,000	\$252,358,000	\$298,284,000
Nursery Stock	\$11,985,000	\$10,786,000	\$11,099,000	\$19,905,000	\$18,832,000
Apiary Products	\$2,624,000	\$2,578,000	\$4,213,000	\$6,726,000	\$7,300,000
Livestock, all	\$9,678,000	\$12,359,000	\$11,925,000	\$11,815,000	\$12,679,000
Subtotal	\$332,146,000	\$343,242,000	\$432,028,000	\$434,550,000	\$490,695,000
Timber, all	\$13,264,000	\$15,032,000	\$7,662,000	\$19,662,000	\$16,558,000
<b>Grand Total</b>	<b>\$345,410,000</b>	<b>\$358,274,000</b>	<b>\$439,690,000</b>	<b>\$454,212,000</b>	<b>\$507,253,000</b>

# 2007 FIVE-YEAR SUMMARY OF PLANT CROP ACRES



	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>
Field Crops	361,982	371,000	361,082	371,257	368,396
Seed Crops	5,978	6,050	6,453	5,438	5,671
Vegetable Crops	685	685	680	680	685
Fruit & Nut Crops	77,764	79,700	82,178	86,933	88,373
<b>Grand Total</b>	<b>446,409</b>	<b>457,435</b>	<b>450,393</b>	<b>464,308</b>	<b>463,125</b>



# **2007 BUTTE COUNTY**

## **International**

### **Trading Partners**

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#### **Commodities Exported:**

Almonds	Kiwi	Seeds, other
Almond Shells	Plums, fresh	Sunflower Seeds
Air Plants	Plums, dried	Tomatoes, sun dried
Figs	Rice, all	Walnuts

#### **Destination Countries:**



Algeria	India	Poland
Australia	Israel	Republic of Korea
Belgium	Italy	Russian Federation
Brazil	Japan	Saudi Arabia
Cambodia	Kenya	Singapore
Chili	Kyrgyzstan	South Africa
China	Latvia	Spain
Czech Republic	Malaysia	Sri Lanka
Denmark	Mexico	Sweden
Ecuador	Mongolia	Switzerland
France	Morocco	Taiwan
Germany	Nepal	Ukraine
Greece	Netherlands	United Arab Emirates
Guatemala	New Zealand	United Kingdom
Hong Kong	Oman	Uzbekistan
Hungary	Philippines	Vietnam
	Peoples Republic of China	

# 2007 SUSTAINABLE AGRICULTURAL REPORT


This report summarizes the varied activities conducted and the methods used to prevent and control the spread of exotic pests in Butte County.

The pest detection, pest exclusion, and pest eradication programs serve to protect the county from infestation of introduced pests. Through monitoring and quick response to small infestations, damaging pest populations can be controlled before they require a large-scale response.

Biological control provides a method of sustainable pest control with a minimum impact to the environment.

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Scope of Program</u>
<u>PEST EXCLUSION</u> Exotic Pests	11,982 Shipments inspected for live pests, including Glassy-winged Sharp Shooter and Sudden Oak Death.	
<u>PEST DETECTION</u> Gypsy Moth, Med. Fly, Japanese & Khapra Beetle, Oriental, Melon & Glassy-winged sharpshooter.	993 Traps placed throughout the County to detect the presence of these pests.	
<u>PEST ERADICATION</u> Spotted Knapweed Diffuse Knapweed Hoary Cress Perennial Peppergrass White Horsenettle Skeleton Weed Dyer's Woad	Controlled by a combination of mechanical and chemical methods.	52 Sites spread throughout the county
<u>PEST MANAGEMENT</u> Glassy Winged Sharpshooter <u>Homalodisca coagulata</u>	Controlled by chemical method	Eradicated January 17, 2006
<u>PEST MANAGEMENT</u> & Yellowstar Thistle <u>Centaurea solstitialis</u>	<u>BIOLOGICAL CONTROL</u> Seed Weevils / Gall Fly / Seed Fly <u>Bangasternus/ Chaetoriella/ Eustenpus/ Larinus/ Urophora</u>	Generally distributed
Klamath Weed <u>Hypericum perforatum</u>	Klamath Beetle <u>Chrysoline gemellata</u>	Generally distributed
Puncture Vine <u>Tribulus terrestris</u>	Stem & Seed Weevils <u>Microlarinus lypriformis</u>	Generally distributed
Italian Thistle <u>Carduus tenuiflorus/ Carduus pycnocephalus</u>	Seed head Weevils <u>Rhinocyllus conicus</u>	Generally distributed
Ash Whitefly <u>Siphoninus phillyreae</u>	A parasitic wasp <u>Encarsia partenopea</u>	Generally distributed
Purple loosestrife <u>Lythrum salicaria</u>	Root & seed Weevils/Leaf Beetles <u>Hylobius/Nanophyes/galerucella</u>	Nursery sites
Eucalyptus Red Gum Lerp Psyllid <u>Glycaspis brimblecombei</u>	Parasitic wasp <u>Psyllaephagus bliteus</u>	Nursery sites





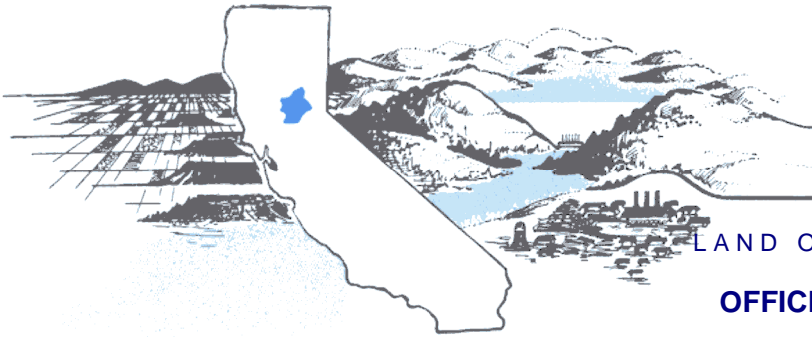
**2008  
BUTTE COUNTY  
AGRICULTURAL CROP REPORT**

The cover picture features a snowy egret standing with the Sierra's as the back drop in a newly flooded field of rice. Rice was the top grossing crop of 2008 produced in Butte County.



Crop Report prepared by Navid A. Khan, Deputy Agricultural Commissioner

Photo by Rob C. Hill Deputy Agricultural Commissioner



# Butte County

LAND OF NATURAL WEALTH AND BEAUTY

## OFFICES OF AGRICULTURAL COMMISSIONER WEIGHTS AND MEASURES

316 NELSON AVENUE OROVILLE, CALIFORNIA 95965-3318  
AGRICULTURAL DEPT OFFICE: (530) 538-7381 FAX: (530) 538-7594

May 18, 2009

**RICHARD B. PRICE**  
Agricultural Commissioner/  
Director of Weights & Measures

**MARY E. DANIELS**  
Assistant Agricultural Commissioner  
/ Weights & Measures

A.G. Kawamura, Secretary of  
California Department of Food and Agriculture

The Honorable Butte County Board of Supervisors

Bill Connelly, Chairperson

Jane Dolan

Steve Lambert

Maureen Kirk

Kim Yamaguchi

Greg Iturria, Interim Chief Administrative Officer,

In accordance with provisions of section 2279 of the California Food and Agriculture Code, I am submitting the sixty-sixth annual crop report of agricultural production and agricultural value in Butte County for the 2008 calendar year.

This report is a summary estimate of the acreage, production and gross value of Butte County agricultural products. The values presented in this report are gross values only, and do not reflect net farm income or costs of production and marketing.

The estimated gross value of agricultural production in Butte County for 2008 totaled **\$579,928,000**. This is a 73 million dollar increase over the 2007 gross value total of \$507,253,000. The total increase in gross value of agriculture during 2008 is 62.0 percent above our county 10-year average of \$356,889,000.

I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, and to all the staff for their efforts in the compilation of this report.

Respectfully submitted,

*Richard B. Price*

Richard B. Price, Agricultural Commissioner

# **BUTTE COUNTY AGRICULTURAL COMMISSIONER'S OFFICE PERSONNEL**



## **Richard B. Price**

Agricultural Commissioner/Director of Weights & Measures

Mary E. Daniels	Assistant Agricultural Commissioner/Weights & Measures
Robert C. Hill	Deputy Agricultural Commissioner
Navid A. Khan	Deputy Agricultural Commissioner

## **OROVILLE DISTRICT**

Randy Hartman	Agricultural Biologist III
Charmaigne Damron	Administrative Assistant, Senior
Friede Violante	Office Specialist, Senior
Janice Wallick	Office Specialist
Matt Albertsen	Wildlife Specialist
Michael Brown	Agricultural /W&M Inspector I
Apolinar Barrales	Agricultural /W&M Inspector
Kevin Hermansen	Agricultural /W&M Inspector
Gary Imhoff	Agricultural /W&M Inspector
Sally Loker	GIS Technician

## **CHICO DISTRICT**

Helmut Bloo	Agricultural Biologist, Supervisor
Eric Pittman	Agricultural Biologist, Senior
Dave Sanford	Agricultural Biologist III
Paul Weliver	Agricultural Biologist I

## **GRIDLEY DISTRICT**

Mike Stewart	Agricultural Biologist, Supervisor
Ramon Jauregui	Agricultural Biologist III
Katharine Quist	Agricultural Biologist III

## **WEIGHTS & MEASURES**

Tom Pisani	Deputy Director of Weights & Measures
Ron Hunt	Weights & Measures, Senior
Dan Shrout	Weights & Measures Inspector III

# 2008 FRUIT & NUT CROPS ACREAGE STATISTICS

<u>Orchard Crops</u>	<u>Bearing Acreage*</u>	<u>Non-Bearing Acreage*</u>	<u>Total Acreage*</u>
Almonds	37,100	1,835	38,935
Apples	58	0	58
Apricots	30	0	30
Avocados	2	0	2
Cherries	320	59	379
Chestnuts	38	0	38
Grapes (All)	208	0	208
Kiwis	710	0	710
Mandarins	60	1	61
Nectarines	10	0	10
Olives	2,196	49	2,245
Oranges – Navels & Valencias	159	1	160
Peaches, Clingstone	2,488	71	2,559
Peaches, Freestone	70	0	70
Pears (All)	15	0	15
Pecans	212	0	212
Persimmons	88	0	88
Pistachios	471	215	686
Plums	156	14	170
Dried Plums	10,227	941	11,168
Walnuts, English	30,055	5,200	35,255
Walnuts, Black	42	0	42
<b>TOTAL</b>	<b>84,715</b>	<b>8,386</b>	<b>93,101</b>

\*Data from California Crop and Livestock Reporting Service and other sources



# 2008 FIELD CROPS

## ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
			<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
<b>Beans,</b> Dry edible	<b>2008</b>	<b>930</b>	<b>1.15</b>	<b>1,070</b>	<b>Ton</b>	<b>\$1,050.00</b>	<b>\$1,123,000</b>
	2007	610	1.30	793	ton	\$820.00	\$650,000
<b>Hay, Alfalfa</b>	<b>2008</b>	<b>1,716</b>	<b>7.20</b>	<b>12,355</b>	<b>Ton</b>	<b>\$175.00</b>	<b>\$2,162,000</b>
	2007	1,602	6.85	10,970	ton	\$138.00	\$1,514,000
<b>Pasture,</b> Irrigated	<b>2008</b>	<b>16,000</b>			<b>Acre</b>	<b>\$160.00</b>	<b>\$2,560,000</b>
	2007	15,500			acre	\$150.00	\$2,325,000
<b>Pasture,</b> Other	<b>2008</b>	<b>240,000</b>			<b>Acre</b>	<b>\$10.00</b>	<b>\$2,400,000</b>
	2007	240,000			acre	\$10.00	\$2,400,000
<b>Rice*</b>	<b>2008</b>	<b>105,301</b>	<b>4.40</b>	<b>463,324</b>	<b>Ton</b>	<b>\$535.00</b>	<b>\$247,878,000</b>
	2007	101,634	4.33	440,075	ton	\$295.00	\$129,822,000
<b>Safflower</b>	<b>2008</b>	<b>222</b>	<b>1.00</b>	<b>222</b>	<b>Ton</b>	<b>\$450.00</b>	<b>\$100,000</b>
	2007	380	1.10	418	ton	\$365.00	\$153,000
<b>Wheat</b>	<b>2008</b>	<b>4,271</b>	<b>2.40</b>	<b>10,250</b>	<b>Ton</b>	<b>\$220.00</b>	<b>\$2,255,000</b>
	2007	3,200	2.60	8,320	ton	\$170.00	\$1,414,000
<b>Misc.**</b>	<b>2008</b>	<b>6,590</b>					<b>\$7,728,000</b>
	2007	5,470					\$6,463,000
<b>Total</b>	<b>2008</b>	<b>375,030</b>					<b>\$266,206,000</b>
	2007	368,396					\$144,741,000

\*Includes government payments.

\*\*Alfalfa silage, barley, beans (other), corn, corn silage, cotton, lavender, oats, pumpkin, sorghum, sunflower, wild rice, sweet rice, organic field crops, crop by-products, etc.

# 2008 FRUIT AND NUT ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>				<u>VALUE</u>	
		<u>HARVESTED ACREAGE</u>	<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>CROP</u>	<u>YEAR</u>
<b>Almonds</b>	<b>2008</b>	<b>37,100</b>	<b>.89</b>	<b>33,019</b>	<b>Ton</b>	<b>\$2,614.00</b>	<b>\$86,312,000</b>
	2007	39,156	.95	37,198	ton	\$3,580.00	\$133,170,000
<b>Hulls</b>	<b>2008</b>			<b>41,273</b>	<b>Ton</b>	<b>\$90.00</b>	<b>\$3,715,000</b>
	2007			46,487	ton	\$90.00	\$4,184,000
<b>Citrus, All Oranges</b>	<b>2008</b>	<b>159</b>	<b>3.15</b>	<b>500</b>	<b>Ton</b>	<b>\$1,200.00</b>	<b>\$600,000</b>
	2007	162	4.76	771	ton	\$700.00	\$540,000
<b>Kiwis</b>	<b>2008</b>	<b>710</b>	<b>6.00</b>	<b>4,260</b>	<b>Ton</b>	<b>\$1,380.00</b>	<b>\$5,879,000</b>
	2007	724	6.00	4,344	ton	\$1,540.00	\$6,690,000
<b>Olives*</b>	<b>2008</b>	<b>2,196</b>	<b>2.49</b>	<b>5,468</b>	<b>Ton</b>	<b>\$911.00</b>	<b>\$4,981,000</b>
	2007	1,957	2.50	4,893	Ton	\$1,100.00	\$5,382,000
<b>Peaches, Clingstone</b>	<b>2008</b>	<b>2,488</b>	<b>16.0</b>	<b>39,808</b>	<b>Ton</b>	<b>\$305.00</b>	<b>\$12,141,000</b>
	2007	2,487	15.0	37,305	ton	\$288.00	\$10,744,000
<b>Pistachios</b>	<b>2008</b>	<b>471</b>	<b>1.30</b>	<b>612</b>	<b>Ton</b>	<b>\$4,360.00</b>	<b>\$2,668,000</b>
	2007	624	1.50	936	ton	\$3,150.00	\$2,948,000
<b>Plums, Dried</b>	<b>2008</b>	<b>10,227</b>	<b>2.02</b>	<b>20,658</b>	<b>Ton</b>	<b>\$1,507.00</b>	<b>\$31,132,000</b>
	2007	10,590	1.20	12,708	ton	\$1,600.00	\$20,333,000
<b>Walnuts, English</b>	<b>2008</b>	<b>30,055</b>	<b>2.16</b>	<b>64,918</b>	<b>Ton</b>	<b>\$1,165.00</b>	<b>\$75,629,000</b>
	2007	29,420	1.70	50,014	ton	\$2,100.00	\$105,029,000
<b>**Misc.</b>	<b>2008</b>	<b>3,266</b>					<b>\$9,924,000</b>
	2007	3,254					\$9,264,000
<b>TOTAL</b>	<b>2008</b>	<b>86,672</b>					<b>\$232,981,000</b>
	2007	88,374					\$298,284,000

\*Data includes olives grown for canning, specialty products and oil.

\*\*Apples, apricots, avocados, blueberries, misc. berries, black walnuts, cherries, chestnuts, grapes, mandarins, peaches (Freestone), crop by-products, pears, pecans, persimmons, plums, fresh prunes, organic tree crops, etc.

Acres may vary from state report. Figures are based on harvested acres only.

# 2008 SEED ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION</u>		<u>UNIT</u>	<u>VALUE</u>	
			<u>PER ACRE</u>	<u>TOTAL</u>		<u>CROP</u>	<u>YEAR</u>
Rice	2008	4,329	8,500	36,796,500	Lbs.	\$0.33	\$12,143,000
	2007	5,113	8,200	41,926,600	Lbs.	\$0.18	\$7,547,000
Misc.*	2008	1,373					\$2,710,000
	2007	558					\$724,000
Total	2008	5,702					\$14,853,000
	2007	5,671					\$8,271,000

\*Beans (other), cucurbits, melons, pumpkins, safflower, squash, sunflower, watermelon, etc...

## 2008 VEGETABLE VALUE



	<u>YEAR</u>	<u>TOTAL VALUE</u>
Misc.*	2008	\$720,000
	2007	\$588,000

\*Asparagus, broccoli, corn, cucumbers, melons, onions, oriental vegetables, pumpkins, squash, tomatoes, etc.



## 2008 ORGANIC CROP STATISTICS

<u>CROP</u>	<u>NUMBER OF FARMS</u>	<u>ESTIMATED ACRES</u>	<u>TOTAL VALUE</u>
Registered Organic Producers*	78	16,082	\$9,413,000

\*Includes alfalfa, almonds, apples, berries, cherries, cut flowers, grapes, herbs, kiwi fruit, livestock, dairy, mandarins, nursery stock, olives, peaches, persimmons, prunes, rice, safflower, tomatoes, vegetables, vetch, walnuts and wild rice.

## 2008 NURSERY ACREAGE & VALUE



<u>CROP</u>	<u>YEAR</u>	<u>TOTAL ACREAGE</u>	<u>TOTAL VALUE</u>
Misc.*	2008	228	\$30,748,000
	2007	214	\$18,832,000

\*Includes broad leaved evergreens, coniferous evergreens, deciduous fruit, nut and shade trees, shrubs, kiwi vines, herbaceous perennials, indoor decorative plants, bulbs, rhizomes, bedding plants, specimen trees.



# 2008 APIARY PRODUCTS PRODUCTION AND VALUE



<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>VALUE</u>	
		<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
<b>Pollination</b>	<b>2008</b>	<b>43,740</b>	<b>Colony</b>	<b>\$149.00</b>	<b>\$6,517,000</b>
	2007	45,232	Colony	\$145.00	\$6,559,000
<b>Other Apiary Products*</b>	<b>2008</b>				<b>\$680,000</b>
	2007				\$741,000
<b>TOTAL</b>	<b>2008</b>				<b>\$7,197,000</b>
	2007				\$7,300,000

\* Pollination includes all required to pollinate corps grown in Butte County.

\*\*Includes beeswax, honey, beeswax, nuclei, packaged bees and queens.



# 2008 HARVESTED TIMBER PRODUCTION AND VALUE



<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>	<u>VALUE</u>
		<u>BOARD FEET*</u>	
<b>Harvested Timber**</b>	<b>2008</b>	<b>92,484,000</b>	<b>\$15,998,000</b>
	2007	65,964,000	\$16,550,000
<b>Other Timber Products</b>	<b>2008</b>		<b>\$7,000</b>
	2007		\$8,000
<b>TOTAL</b>	<b>2008</b>		<b>\$16,005,000</b>
	2007		\$16,558,000

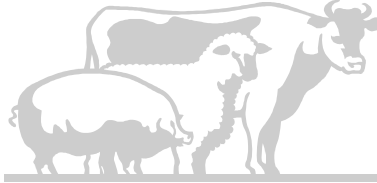
\*Board feet is the quantity of timber cut and scaled.

\*\*Timber production and value data provided by State Board of Equalization, Timber Tax Division.



# 2008 LIVESTOCK AND POULTRY PRODUCTION AND VALUE

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
		<u>NO. OF HEAD</u>	<u>TOTAL LIVE WEIGHT</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
<b>Cattle &amp; Calves</b>	<b>2008</b>	<b>16,000</b>	<b>90,400</b>	<b>Cwt.</b>	<b>\$92.90</b>	<b>\$8,398,000</b>
	2007	18,000	107,100	cwt.	\$101.00	\$10,817,000
<b>Sheep, All</b>	<b>2008</b>	<b>1,500</b>	<b>2,070</b>	<b>Cwt.</b>	<b>\$65.00</b>	<b>\$135,000</b>
	2007	1,700	2,346	cwt.	\$71.18	\$167,000
<b>Hogs, All</b>	<b>2008</b>	<b>600</b>	<b>1,440</b>	<b>Cwt.</b>	<b>\$48.00</b>	<b>\$69,000</b>
	2007	700	1680	cwt.	\$48.40	\$81,300
<b>Misc.*</b>	<b>2008</b>					<b>\$1,628,000</b>
	2007					\$985,000
<b>TOTAL</b>	<b>2008</b>					<b>\$10,230,000</b>
	2007					\$12,050,000



\*Fish, Poultry, Pheasant, Quail, Rabbits, Worms, Organic, etc.

## 2008 LIVESTOCK PRODUCTS

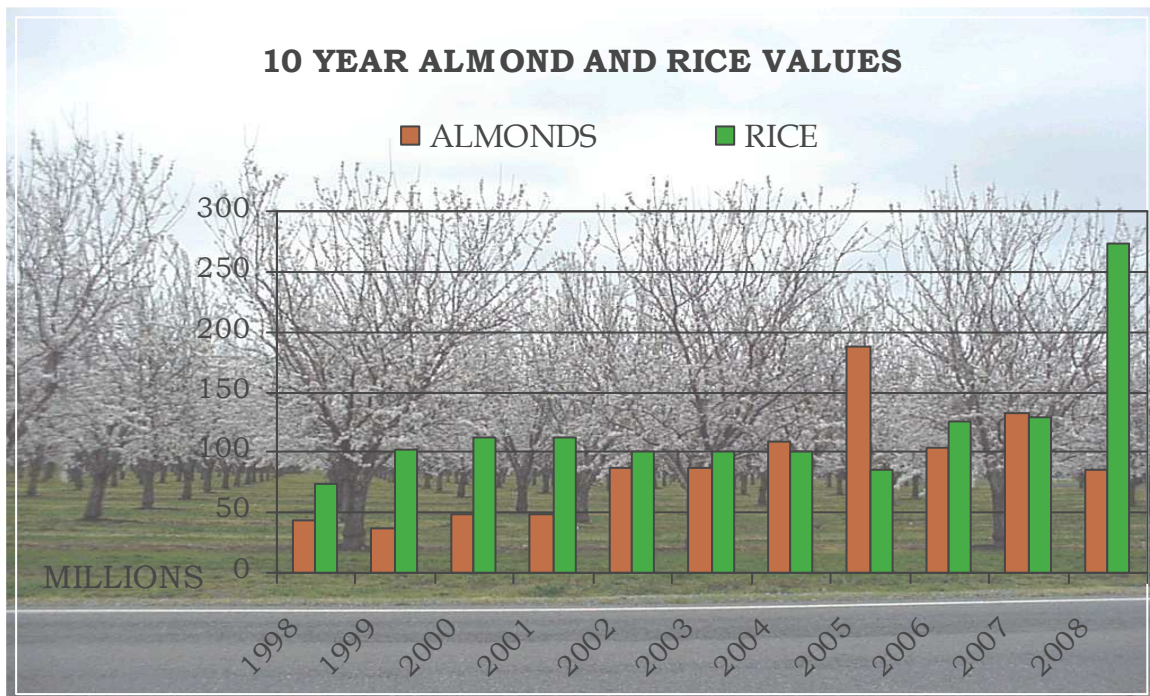
<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>VALUE</u>	
		<u>PRODUCTION</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
<b>Milk, Market*</b>	<b>2008</b>	<b>51,132</b>	<b>Cwt.</b>	<b>\$18.01</b>	<b>\$921,000</b>
	2007	40,683	cwt.	\$14.33	\$583,000
<b>Milk, Manufacturing*</b>	<b>2008</b>	<b>3,697</b>	<b>Cwt.</b>	<b>\$18.12</b>	<b>\$67,000</b>
	2007	3,619	cwt.	\$12.71	\$46,000
<b>TOTAL</b>	<b>2008</b>	<b>54,829</b>	<b>Cwt.</b>		<b>\$988,000</b>
	2007	44,302	cwt.		\$629,000

\*California Agricultural Statistics Service



# 2008 MILLION DOLLAR CROPS

	<u>CROP</u>	<u>VALUE</u>
1	RICE	\$247,878,000
2	ALMONDS	\$86,312,000
3	WALNUTS	\$75,629,000
4	DRIED PLUM	\$31,132,000
5	NURSERY STOCK	\$30,748,000
6	TIMBER	\$16,005,000
7	RICE SEED	\$12,143,000
8	PEACHES-CLINGSTONE	\$12,141,000
9	CATTLE/CALVES	\$10,230,000
10	FRUIT & NUT ,Misc.	\$9,924,000
11	FIELD CROPS, Misc.	\$7,728,000
12	APIARY POLLINATION	\$7,197,000
13	KIWIS	\$5,879,000
14	OLIVES, ALL	\$4,981,000
15	ALMOND HULLS	\$3,715,000
16	SEED, MISC.	\$2,710,000
17	PISTACHIOS	\$2,668,000
18	PASTURE, IRRIGATED	\$2,560,000
19	DRYLAND PASTURES & RANGE	\$2,400,000
20	WHEAT	\$2,255,000
21	HAY, ALFALFA	\$2,162,000
22	BEANS	\$1,123,000



# FIVE-YEAR SUMMARY OF CROP VALUES



	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
Field Crops	\$112,402,000	\$96,874,000	\$136,697,000	\$144,741,000	\$266,206,000
Seed Crops	\$8,080,000	\$7,256,000	\$6,479,000	\$8,271,000	\$14,853,000
Vegetable Crops	\$550,000	\$550,000	\$570,000	\$588,000	\$720,000
Fruit & Nut Crops	\$196,487,000	\$300,111,000	\$252,358,000	\$298,284,000	\$232,981,000
Nursery Stock	\$10,786,000	\$11,099,000	\$19,905,000	\$18,832,000	\$30,748,000
Apiary Products	\$2,578,000	\$4,213,000	\$6,726,000	\$7,300,000	\$7,197,000
Livestock, all	\$12,359,000	\$11,925,000	\$11,815,000	\$12,679,000	\$11,218,000
Subtotal	\$343,242,000	\$432,028,000	\$434,550,000	\$490,695,000	\$563,923,000
Timber, all	\$15,032,000	\$7,662,000	\$19,662,000	\$16,558,000	\$16,005,000
<b>Grand Total</b>	<b>\$358,274,000</b>	<b>\$439,690,000</b>	<b>\$454,212,000</b>	<b>\$507,253,000</b>	<b>\$579,928,000</b>

# 2008 FIVE-YEAR SUMMARY OF PLANT CROP ACRES



	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
Field Crops	371,000	361,082	371,257	368,396	375,030
Seed Crops	6,050	6,453	5,438	5,671	5,702
Vegetable Crops	685	680	680	685	690
Fruit & Nut Crops	79,700	82,178	86,933	88,373	86,672
<b>Grand Total</b>	<b>457,435</b>	<b>450,393</b>	<b>464,308</b>	<b>463,125</b>	<b>468,094</b>



# **2008 BUTTE COUNTY**

## **International**

### **Trading Partners**

---

#### **Commodities Exported:**

Almonds  
Almond Shells  
Air Plants  
Figs

Kiwi  
Plums, fresh  
Plums, dried  
Rice, all

Seeds, other  
Sunflower Seeds  
Timber  
Tomatoes, sun dried  
Walnuts

#### **Destination Countries:**

Afghanistan  
Algeria  
Australia  
Belgium  
Brazil  
Cambodia  
Chili  
China  
Czech Republic  
Denmark  
Ecuador  
France  
Germany  
Greece  
Guatemala  
Hong Kong  
Hungary

India  
Israel  
Italy  
Japan  
Kenya  
Kyrgyzstan  
Latvia  
Malaysia  
Mexico  
Mongolia  
Morocco  
Nepal  
Netherlands  
New Zealand  
Oman  
Pakistan  
Philippines

Peoples Republic of China  
Poland  
Republic of Korea  
Russian Federation  
Saudi Arabia  
Singapore  
South Africa  
Spain  
Sri Lanka  
Sweden  
Switzerland  
Taiwan  
Ukraine  
United Arab Emirates  
United Kingdom  
Uzbekistan  
Vietnam





# 2008 SUSTAINABLE AGRICULTURAL REPORT

This report summarizes the varied activities conducted and the methods used to prevent and control the spread of exotic pests in Butte County.

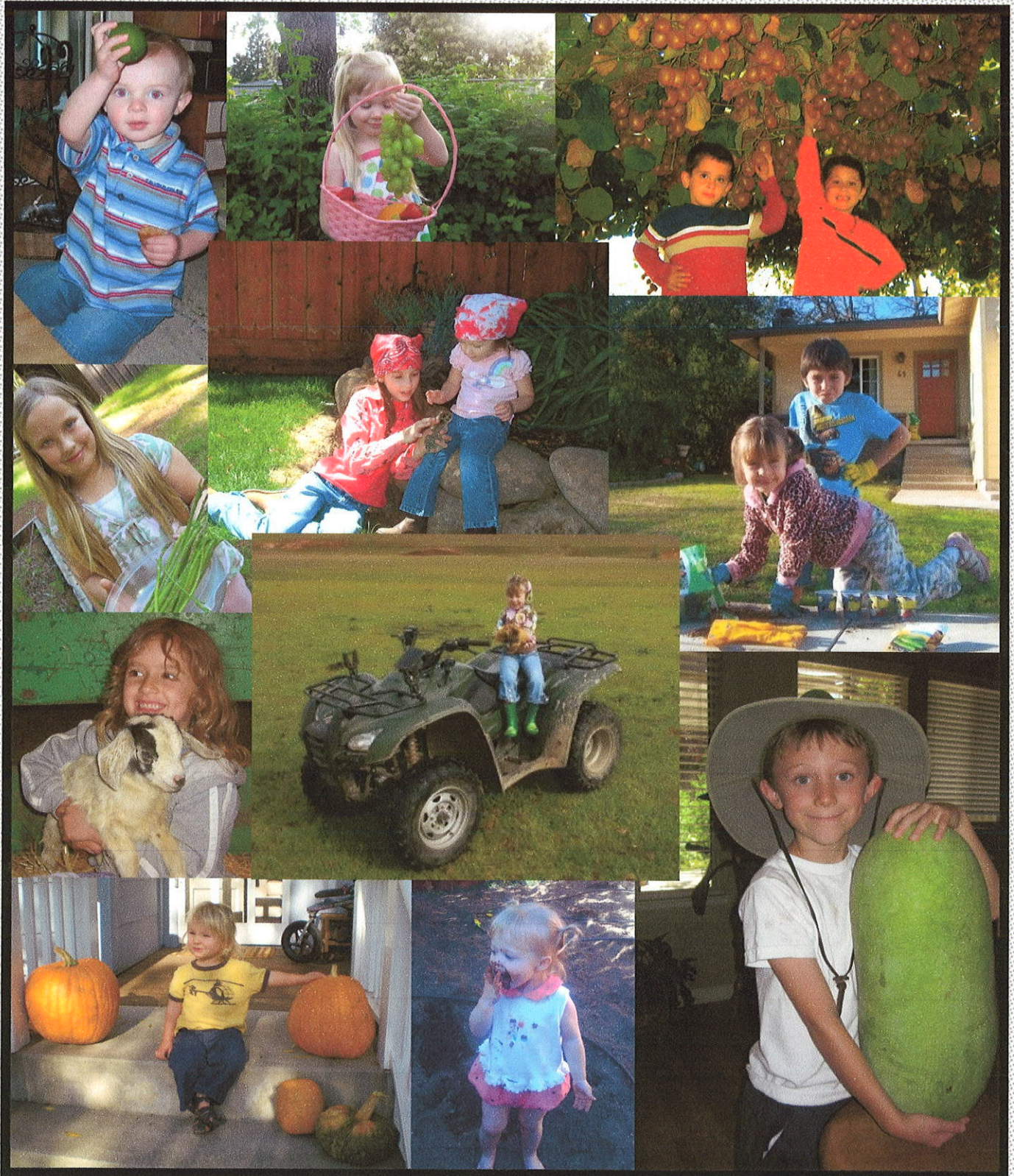
The pest detection, pest exclusion, and pest eradication programs serve to protect the county from infestation of introduced pests. Through monitoring and quick response to small infestations, damaging pest populations can be controlled before they require a large-scale response.

Biological control provides a method of sustainable pest control with a minimum impact to the environment.

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Scope of Program</u>
<u>PEST EXCLUSION</u> Exotic Pests	11,982 Shipments inspected for live pests, including Glassy-winged Sharp Shooter and Sudden Oak Death.	3 Notices of rejections issued.
<u>PEST DETECTION</u> Med, Oriental, Melon Flies; Japanese & Khapra beetles; Light Brown Apple Moth & GWSS	782 Traps placed throughout the County to detect the presence of these pests.	
Spotted Knapweed Diffuse Knapweed Hoary Cress Perennial Peppergrass White Horsenettle Skeleton Weed Dyer's Woad	Controlled by a combination of mechanical and chemical methods.	52 Sites spread throughout the county
<u>PEST MANAGEMENT</u> Glassy Winged Sharpshooter <u>Homalodisca coagulata</u>	Controlled by chemical method	Eradicated January 17, 2006
<u>PEST MANAGEMENT</u> & Yellowstar Thistle <u>Centaurea solstitialis</u>	<u>BIOLOGICAL CONTROL</u> Seed Weevils / Gall Fly / Seed Fly <u>Bangasternus</u> / <u>Chaetoriella</u> / <u>Eustenopus</u> / <u>Larinus</u> / <u>Urophora</u>	Generally distributed
Klamath Weed <u>Hypericum perforatum</u>	Klamath Beetle <u>Chrysoline gemellata</u>	Generally distributed
Puncture Vine <u>Tribulus terrestris</u>	Stem & Seed Weevils <u>Microlarinus lypriformis</u>	Generally distributed
Italian Thistle <u>Carduus tenuiflorus</u> / <u>Carduus pycnocephalus</u>	Seed head Weevils <u>Rhinocyllus conicus</u>	Generally distributed
Ash Whitefly <u>Siphoninus phillyreae</u>	A parasitic wasp <u>Encarsia partenopea</u>	Generally distributed
Purple loosestrife <u>Lythrum salicaria</u>	Root & seed Weevils / Leaf Beetles <u>Hylobius</u> / <u>Nanophyes</u> / <u>galerucella</u>	Nursery sites
Eucalyptus Red Gum Lerp Psyllid <u>Glycaspis brimblecombei</u>	Parasitic wasp <u>Psyllaephagus bliteus</u>	Nursery sites



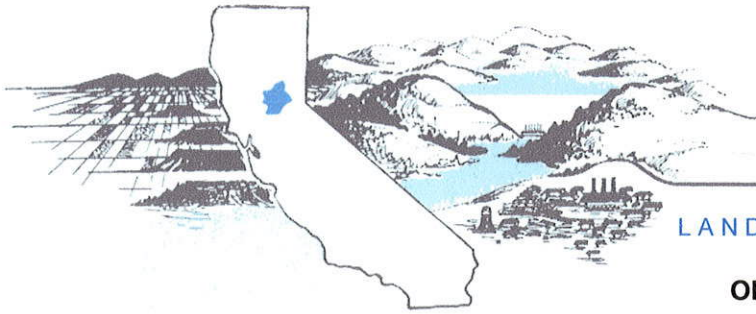
# Butte County 2009 Agricultural Crop Report



The 2009 Butte County Crop Report is dedicated to  
youth in agriculture.

The cover features, "The Future Crop of Ag Commissioners."  
Each picture was submitted by personnel of the  
Butte County Agricultural Commissioner's Office.

Butte County Agricultural Commissioner's Office website  
[www.buttecounty.net/ag](http://www.buttecounty.net/ag)



# Butte County

LAND OF NATURAL WEALTH AND BEAUTY

## OFFICES OF AGRICULTURAL COMMISSIONER WEIGHTS AND MEASURES

316 NELSON AVENUE OROVILLE, CALIFORNIA 95965-3318  
AGRICULTURAL DEPT.: OFFICE: (530) 538-7381 FAX: (530) 538-7594

**RICHARD B. PRICE**  
Agricultural Commissioner  
Director of Weights and Measures

**MARY E. DANIELS**  
Assistant Agricultural Commissioner  
Weights and Measures

June 29, 2010

A.G. Kawamura, Secretary of  
California Department of Food and Agriculture

The Honorable Butte County Board of Supervisors

Bill Connelly, Chairperson

Jane Dolan                      Steve Lambert  
Maureen Kirk                 Kim Yamaguchi

Greg Iturria, Interim Chief Administrative Officer,

In accordance with provisions of section 2279 of the California Food and Agriculture Code, I am submitting the sixty-eighth annual crop report of agricultural production and agricultural value in Butte County for the 2009 calendar year.

This report is a summary estimate of the acreage, production and gross value of Butte County agricultural products. The values presented in this report are gross values only, and do not reflect net farm income or costs of production and marketing.

*The estimated gross value of agricultural production in Butte County for 2009 totaled \$544,013,257. This is a 36 million dollar decrease over the 2008 gross value total of \$579,928,000. The total increase in gross value of agriculture during 2009 is 72.0 percent above our county 10-year average of \$389,396,300.*

I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, and to all the staff for their efforts in the compilation of this report.

Respectfully submitted,

*Richard B. Price*  
Richard B. Price, Agricultural Commissioner

## Contents

Agricultural Commissioner's Office Personnel	1
2009 Agricultural Commodity Statistics	
Million Dollar Crops	2
Five Year Summary of Plant Crop Acres	3
Five Year Summary of Crop Values	3
Field Crop Acreage, Production & Value	4
Seed Acreage, Production & Value	4
Fruit & Nut Crops Acreage Statistics	5
Fruit & Nut Acreage, Production & Value	6
International Trading Partners	7
Organic Crop Statistics	8
Vegetable Value	8
Nursery Acreage & Value	8
Apiary Products, Production & Value	8
Livestock & Poultry Production & Value	9
Livestock Products	9
Harvested Timber, Production & Value	9
Sustainable Agriculture Report	10

## **Butte County Agricultural Commissioner's Office**

Richard Price  
Agricultural Commissioner / Director of Weights & Measures

Mary Daniels  
Assistant Agricultural Commissioner / Weights & Measures

Robert C. Hill  
Deputy Agricultural Commissioner

Navid A. Khan  
Deputy Agricultural Commissioner

### Oroville Office

Randy Hartman—Agricultural Biologist III  
Charmaine Damron—Administrative Assistant, Senior  
Friede Violante—Office Specialist  
Janice Wallick—Office Specialist  
Michael Brown—Agricultural / W&M Inspector I  
Apolinar Barrales—Agricultural / W&M Inspector  
Gary Imhoff—Agricultural / W&M Inspector  
Sally Loker—GIS Technician  
Matt Albertson—Wildlife Specialist

### Chico District Office

Helmut Bloo—Agricultural Biologist, Supervisor  
Eric Pittman—Agricultural Biologist, Senior  
Dave Sanford—Agricultural Biologist, Senior  
Paul Weliver—Agricultural Biologist III

### Gridley District Office

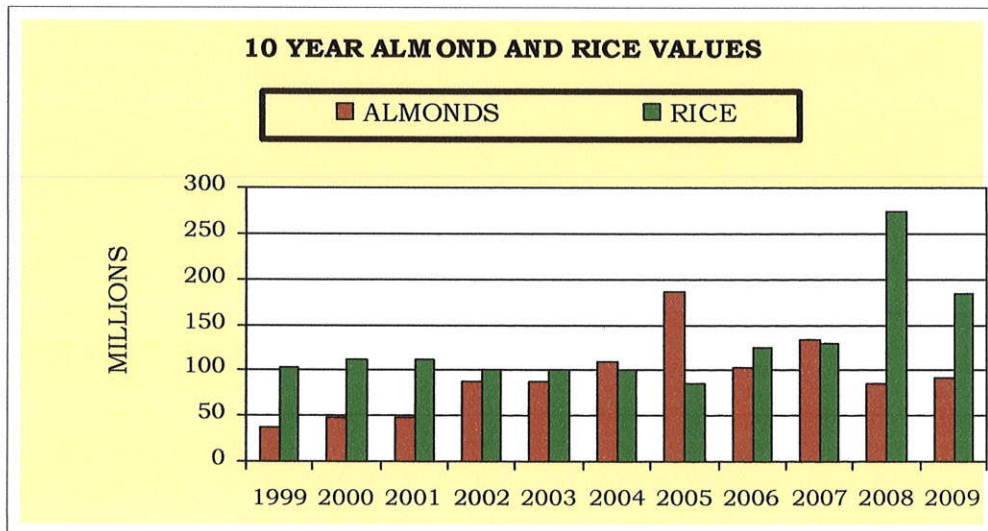
Mike Stewart—Agricultural Biologist, Supervisor  
Ramon Jauregui—Agricultural Biologist III  
Katharine Quist—Agricultural Biologist III

### Weights & Measures

Tom Pisani—Deputy Director of Weights & Measures  
Ron Hunt—Weights & Measures Inspector, Senior  
Dan Shrout—Weights & Measures Inspector III

## 2009 Million Dollar Crops

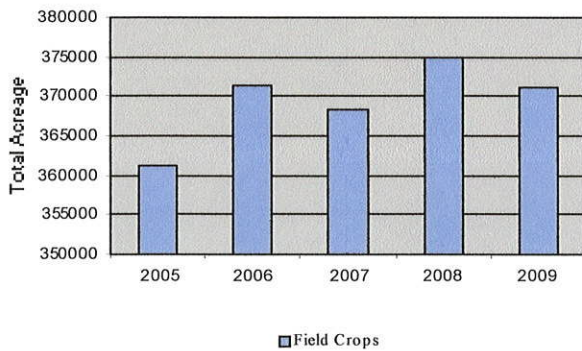
	<u>CROP</u>	<u>VALUE</u>
1	RICE	\$184,214,845
2	WALNUTS	\$116,721,000
3	ALMONDS	\$90,817,600
4	DRIED PLUM	\$36,924,668
5	NURSERY STOCK	\$26,750,760
6	RICE SEED	\$12,208,296
7	PEACHES—CLINGSTONE	\$10,590,620
8	FRUIT & NUT, Misc.	\$10,399,868
9	CATTLE/CALVES	\$7,647,840
10	APIARY POLLINATION	\$6,484,142
11	KIWIS	\$5,473,578
12	FIELD CROPS, Misc.	\$5,379,414
13	TIMBER	\$4,428,550
14	OLIVES, ALL	\$3,831,767
15	ALMOND HULLS	\$3,515,520
16	DRYLAND PASTURES & RANGE	\$3,480,000
17	BEANS	\$2,926,000
18	SEED, MISC.	\$2,656,727
19	PASTURE, IRRIGATED	\$2,560,000
20	WHEAT	\$1,464,000
21	PISTACHIOS	\$1,370,150



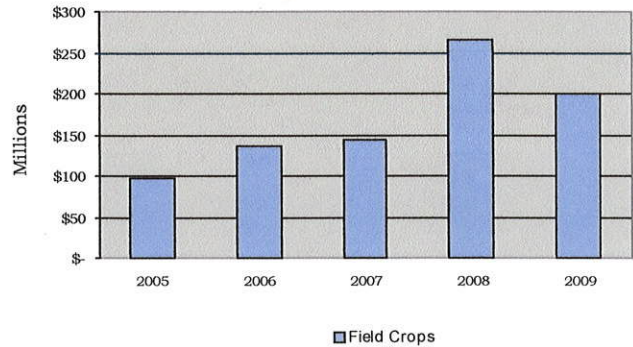
## Five Year Summary of Plant Crop Acres

	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
Field Crops	361,082	371,257	368,396	375,030	371,082
Fruit & Nut Crops	82,178	86,933	88,373	86,672	90,842
Seed Crops	6,453	5,438	5,671	5,702	5,482
Vegetable Crops	680	680	685	690	740
<b>Grand Total</b>	<b>450,393</b>	<b>464,308</b>	<b>463,125</b>	<b>468,094</b>	<b>468,146</b>

Field Crops Five Year Acreage Comparison



Field Crops Five Year Value Comparison



## Five Year Summary of Crop Values

	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
Apiary Products	\$4,213,000	\$6,726,000	\$7,300,000	\$7,197,000	\$7,153,942
Field Crops	\$96,874,000	\$136,697,000	\$144,741,000	\$266,206,000	\$201,062,334
Fruit & Nut Crops	\$300,111,000	\$252,358,000	\$298,284,000	\$232,981,000	\$280,076,771
Livestock, All	\$11,925,000	\$11,815,000	\$12,679,000	\$11,218,000	\$8,904,077
Nursery Stock	\$11,099,000	\$19,905,000	\$18,832,000	\$30,748,000	\$26,750,760
Seed Crops	\$7,256,000	\$6,479,000	\$8,271,000	\$14,853,000	\$14,861,023
Vegetable Crops	\$550,000	\$570,000	\$588,000	\$720,000	\$770,400
Subtotal	\$432,028,000	\$434,550,000	\$490,695,000	\$563,923,000	\$539,579,307
Timber, All	\$7,662,000	\$19,662,000	\$16,558,000	\$16,005,000	\$4,433,950
<b>Grand Total</b>	<b>\$439,690,000</b>	<b>\$454,212,000</b>	<b>\$507,253,000</b>	<b>\$579,928,000</b>	<b>\$544,013,257</b>



## 2009 Field Crop Acreage, Production & Value

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>UNIT PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>VALUE PER UNIT</u>	<u>TOTAL VALUE</u>
<b>Beans, Dry Edible</b>	<b>2009</b>	<b>1,672</b>	<b>1.75</b>	<b>2,926</b>	<b>Ton</b>	<b>\$1,000.00</b>	<b>\$2,926,000</b>
	2008	930	1.15	1,070	Ton	\$1,050.00	\$1,123,000
<b>Hay, Alfalfa</b>	<b>2009</b>	<b>1,508</b>	<b>6.4</b>	<b>9,651</b>	<b>Ton</b>	<b>\$103.00</b>	<b>\$994,053</b>
	2008	1,716	7.2	12,355	Ton	\$175.00	\$2,162,125
<b>Pasture, Irrigated</b>	<b>2009</b>	<b>16,000</b>			<b>Acre</b>	<b>\$160.00</b>	<b>\$2,560,000</b>
	2008	16,000			Acre	\$160.00	\$2,560,000
<b>Pasture, Other</b>	<b>2009</b>	<b>240,000</b>			<b>Acre</b>	<b>\$14.50</b>	<b>\$3,480,000</b>
	2008	240,000			Acre	\$10.00	\$2,400,000
<b>Rice*</b>	<b>2009</b>	<b>103,416</b>	<b>4.7</b>	<b>486,055</b>	<b>Ton</b>	<b>\$379.00</b>	<b>\$184,214,845</b>
	2008	105,301	4.4	463,324	Ton	\$535.00	\$247,878,000
<b>Safflower</b>	<b>2009</b>	<b>120</b>	<b>1.15</b>	<b>138</b>	<b>Ton</b>	<b>\$319.00</b>	<b>\$44,022</b>
	2008	222	1	222	Ton	\$450.00	\$100,000
<b>Wheat</b>	<b>2009</b>	<b>3,704</b>	<b>2.16</b>	<b>8,000</b>	<b>Ton</b>	<b>\$183.00</b>	<b>\$1,464,000</b>
	2008	4,271	2.4	\$10,250	Ton	\$220.00	\$2,255,000
<b>Misc.**</b>	<b>2009</b>	<b>4,662</b>					<b>\$5,379,414</b>
	2008	6,590					\$7,728,000
<b>Total</b>	<b>2009</b>	<b>371,082</b>					<b>\$201,062,334</b>
	2008	375,030					\$266,206,000

\*Includes government payment.

\*\*Alfalfa silage, barley, beans (other), corn, corn silage, cotton, lavender, oats, pumpkin, sorghum, sunflower, wild rice, sweet rice, organic field crops, crop by products, etc.

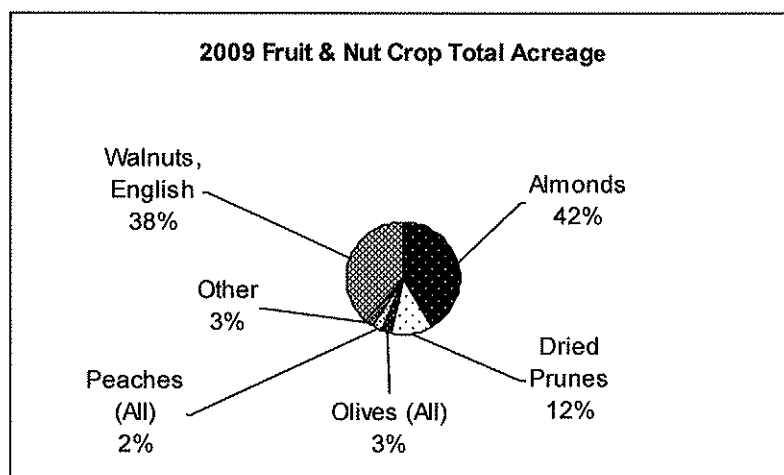
## 2009 Seed Acreage, Production & Value

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>CROP</u>	<u>TOTAL VALUE</u>
<b>Rice</b>	<b>2009</b>	<b>4,304</b>	<b>9,150</b>	<b>39,381,600</b>	<b>Lbs.</b>	<b>\$0.31</b>	<b>\$12,208,296</b>
	2008	4,329	8,500	36,796,500	Lbs.	\$0.33	\$12,143,000
<b>Misc.*</b>	<b>2009</b>	<b>1,432</b>					<b>\$2,652,727</b>
	2008	1,373					\$2,710,000
<b>Total</b>	<b>2009</b>	<b>5,736</b>					<b>\$14,861,023</b>
	2008	5,702					\$14,853,000

\*Beans (other), cucurbits, melons, pumpkins, safflower, squash, sunflower, wild rice, organic field crops, crop by products, etc.

## 2009 Fruit & Nut Crops Acreage Statistics

<u>ORCHARD CROPS</u>	<u>BEARING ACREAGE*</u>	<u>NON-BEARING ACREAGE*</u>	<u>TOTAL ACREAGE</u>
Almonds	38,548	1,703	40,251
Apples	58	0	58
Apricots	30	0	30
Avocados	2	0	2
Cherries	329	59	388
Chestnuts	38	0	38
Grapes (All)	208	0	208
Kiwis	513	0	513
Mandarins	60	1	61
Nectarines	7	0	7
Olives (Oil)	2,055	115	2,170
Olives (Table)	868	0	868
Oranges – Navels & Valencias	94	1	95
Peaches, Clingstone	2,224	48	2,272
Peaches, Freestone	70	0	70
Pears (All)	5	0	5
Pecans	188	123	311
Persimmons	101	0	101
Pistachios	475	275	750
Plums	151	14	165
Dried Plums	10,718	620	11,338
Walnuts, English	32,022	5,200	37,222
Walnuts, Black	42	0	42
<b>TOTAL</b>	<b>88,806</b>	<b>8,159</b>	<b>90,842</b>



## 2009 Fruit & Nut Acreage, Production & Value

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>CROP</u>	<u>TOTAL VALUE</u>
<b>Almonds</b>	<b>2009</b>	<b>38,548</b>	<b>0.76</b>	<b>29,296</b>	<b>Ton</b>	<b>\$3,100.00</b>	<b>\$90,817,600</b>
	2008	37,100	0.89	33,019	Ton	\$2,614.00	\$86,312,000
<b>Citrus, All Oranges</b>	<b>2009</b>	<b>94</b>	<b>4.79</b>	<b>450</b>	<b>Ton</b>	<b>\$960.00</b>	<b>\$432,000</b>
	2008	159	3.15	500	Ton	\$1,200.00	\$600,000
<b>Hulls, Almond</b>	<b>2009</b>			<b>43,944</b>	<b>Ton</b>	<b>\$80.00</b>	<b>\$3,515,520</b>
	2008			41,273	Ton	\$90.00	\$3,715,000
<b>Kiwis</b>	<b>2009</b>	<b>513</b>	<b>7.44</b>	<b>3,817</b>	<b>Ton</b>	<b>\$1,434.00</b>	<b>\$5,473,578</b>
	2008	710	6	4,260	Ton	\$1,380.00	\$5,879,000
<b>Olives (Oil)</b>	<b>2009</b>	<b>2055</b>	<b>3.3</b>	<b>6,782</b>	<b>Ton</b>	<b>\$481.00</b>	<b>\$3,262,142</b>
	2008	—	—	—	—	—	—
<b>Olives (Table)</b>	<b>2009</b>	<b>868</b>	<b>0.75</b>	<b>651</b>	<b>Ton</b>	<b>\$875.00</b>	<b>\$569,625</b>
	2008	—	—	—	—	—	—
<b>Olives** (All)</b>	2008	2,196	2.49	5,468	Ton	\$911.00	\$4,981,000
<b>Peaches, Clingstone</b>	<b>2009</b>	<b>2,224</b>	<b>15.9</b>	<b>35,361</b>	<b>Ton</b>	<b>\$299.50</b>	<b>\$10,590,620</b>
	2008	2,488	16	39,808	Ton	\$305.00	\$12,141,000
<b>Pistachios</b>	<b>2009</b>	<b>475</b>	<b>0.86</b>	<b>409</b>	<b>Ton</b>	<b>\$3,350.00</b>	<b>\$1,370,150</b>
	2008	471	1.3	612	Ton	\$4,360.00	\$2,668,000
<b>Plums, Dried</b>	<b>2009</b>	<b>10,718</b>	<b>2.81</b>	<b>30,118</b>	<b>Ton</b>	<b>\$1,226.00</b>	<b>\$36,924,668</b>
	2008	10,227	2.02	20,658	Ton	\$1,507.00	\$31,132,000
<b>Walnuts, English</b>	<b>2009</b>	<b>32,022</b>	<b>2.25</b>	<b>72,050</b>	<b>Ton</b>	<b>\$1,620.00</b>	<b>\$116,721,000</b>
	2008	30,055	2.16	64,918	Ton	\$1,165.00	\$75,629,000
<b>*Misc.</b>	<b>2009</b>	<b>3,325</b>					<b>\$10,399,868</b>
	2008	3,266					\$9,924,000
<b>TOTAL</b>	<b>2009</b>	<b>90,842</b>					<b>\$280,076,771</b>
	2008	86,672					\$232,981,000

\*Apples, apricots, avocados, blueberries, misc. berries, black walnuts, cherries, chestnuts, grapes, mandarins, peaches (Freestone), crop by-products, pears, pecans, persimmons, plums, fresh prunes, organic tree crops, etc.

\*\*2008 Olive data included totals from both oil and table production.

Acres may vary from state report. Figures are based on harvested acres only.

## 2009 Butte County International Trading Partners

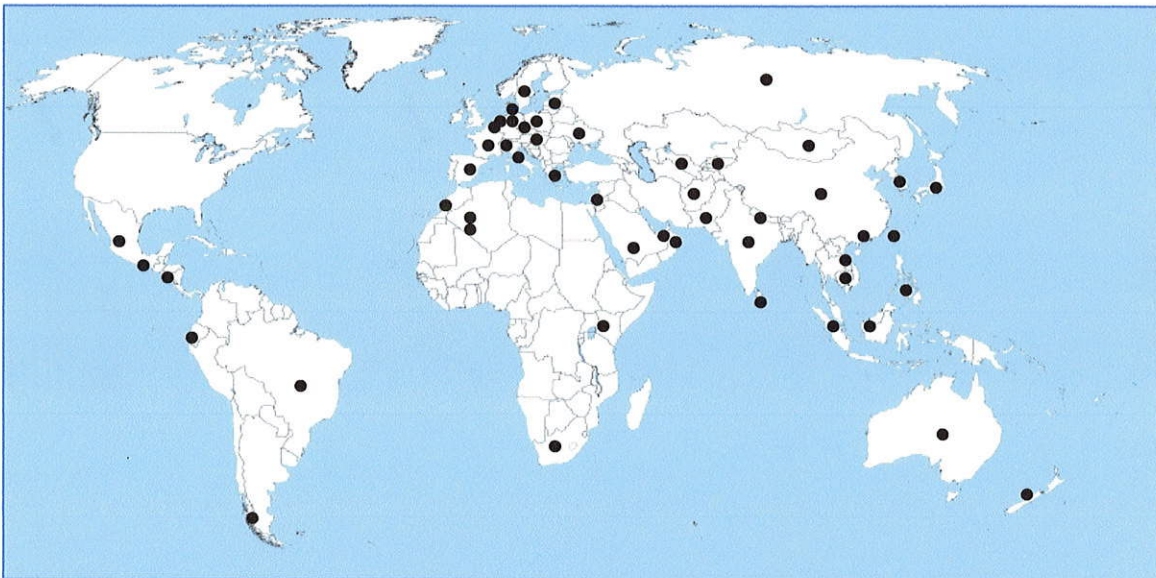
Butte County experienced a steady growth in Agricultural Exports in 2009. The Agricultural export business continues to be a bright spot for Butte County's Agricultural Production.

### Commodities Exported

Almonds  
Almond Shells  
Air Plants  
Figs

Kiwi Rice, All  
Plums, Fresh  
Plums, Dried  
Rice, All

Seeds, Other  
Sunflower Seeds  
Timber  
Tomatoes  
Walnuts



### Destination Countries

Afghanistan	Greece	Mongolia	Singapore
Algeria	Guatemala	Morocco	South Africa
Austria	Hong Kong	Nepal	Spain
Belgium	Hungary	Netherlands	Sri Lanka
Brazil	India	New Zealand	Sweden
Cambodia	Israel	Oman	Switzerland
Chile	Italy	Pakistan	Taiwan
China	Japan	Philippines	Ukraine
Czech Republic	Kenya	Peoples Republic of China	United Arab Emirates
Denmark	Kyrgyzstan	Poland	United Kingdom
Ecuador	Latvia	Republic of Korea	Uzbekistan
France	Malaysia	Russian Federation	Vietnam
Germany	Mexico	Saudi Arabia	

## 2009 Organic Crop Statistics

<u>CROP</u>	<u>NUMBER OF FARMS</u>	<u>ESTIMATED ACRES</u>	<u>TOTAL VALUE</u>
<b>Registered Organic Producers</b>	<b>69</b>	<b>18,355</b>	<b>\$7,460,700</b>

\*Includes alfalfa, almonds, apples, berries, cherries, cut flowers, grapes, herbs, kiwi fruit, livestock, dairy, mandarins, nursery stock, olives, peaches, persimmons, prunes, rice, safflower, tomatoes, vegetables, vetch, walnuts and wild rice.

### 2009 Vegetable Value

<u>CROP</u>	<u>YEAR</u>	<u>TOTAL VALUE</u>
<b>Misc.*</b>	<b>2009</b>	<b>\$770,400</b>
	2008	\$720,000

\*Asparagus, broccoli, corn, cucumbers, melons, onions, oriental vegetables, pumpkins, squash, tomatoes, etc.

### 2009 Nursery Acreage & Value

<u>CROP</u>	<u>YEAR</u>	<u>TOTAL ACREAGE</u>	<u>TOTAL VALUE</u>
<b>Misc.*</b>	<b>2009</b>	<b>250</b>	<b>\$26,750,760</b>
	2008	228	\$30,748,000

\*Includes broad leaved evergreens, coniferous evergreens, deciduous fruit, nut and shade trees, shrubs, kiwi vines, herbaceous perennials, indoor decorative plants, bulbs, rhizomes, bedding plants, specimen trees.

### 2009 Apiary Products, Production & Value

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>VALUE</u> <u>PER UNIT</u>	<u>TOTAL</u>
<b>Pollination</b>	<b>2009</b>	<b>43,084</b>		<b>Colony</b>	<b>\$ 150.50</b>	<b>\$6,484,142</b>
	2008	43,740		Colony	\$149.00	\$6,517,000
<b>Other Apiary Products*</b>	<b>2009</b>					<b>\$669,800</b>
	2008					\$680,000
<b>TOTAL</b>	<b>2009</b>					<b>\$7,153,942</b>
	2008					\$7,197,000

\* Pollination includes all required to pollinate crops grown in Butte County.

\*\*Includes beeswax, honey, beeswax, nuclei, packaged bees and queens.

## 2009 Livestock & Poultry Production & Value

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>UNIT</u>	<u>VALUE PER UNIT</u>	<u>TOTAL VALUE</u>
		<u>NO. OF HEAD</u>	<u>TOTAL LIVE WT.</u>			
Cattle & Calves	2009	18,000	90,400	Cwt.	\$84.60	\$7,647,840
	2008	16,000	90,400	Cwt.	\$92.90	\$8,398,000
Sheep, All	2009	1,400	1,925	Cwt.	\$60.00	\$115,500
	2008	1,500	2,070	Cwt.	\$65.00	\$135,000
Hogs, All	2009	570	1,494	Cwt.	\$42.30	\$63,192
	2008	600	1,440	Cwt.	\$48.00	\$69,000
Misc.*	2009					\$425,647
	2008					\$1,628,000
TOTAL	2009					\$8,252,179
	2008					\$10,230,000

\*Fish, Poultry, Pheasant, Quail, Rabbits, Worms, Organic, etc.

## 2009 Livestock Products

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>VALUE PER</u>	<u>TOTAL</u>
				<u>UNIT</u>	
Milk, Market*	2009	50,445	Cwt	\$12.09	\$609,880
	2008	51,132	Cwt.	\$18.01	\$921,000
Milk, Manufacturing*	2009	3,579	Cwt	\$11.74	\$42,018
	2008	3,697	Cwt.	\$18.12	\$67,000
TOTAL	2009	54,024	Cwt.		\$651,898
	2008	54,829	Cwt.		\$988,000

\*California Agricultural Statistics Service

## 2009 Harvested Timber Production & Value

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>	<u>VALUE</u>
		<u>BOARD FEET*</u>	
Harvested Timber**	2009	70,688,000	\$4,428,550
	2008	92,484,000	\$15,998,000
Other Timber Products	2009		\$5,400
	2008		\$7,000
TOTAL	2009		\$4,433,950
	2008		\$16,005,000

\*Board feet is the quantity of timber cut and scaled.

\*\*Timber production and value data provided by State Board of Equalization, Timber Tax Division.

## 2009 Sustainable Agricultural Report

This report summarizes the varied activities and the methods used to prevent and control the spread of exotic pests in Butte County.

The pest detection, pest exclusion, and pest eradication programs serve to protect the county from infestation of introduced pests. Through monitoring and quick response to small infestations, damaging pest populations can be controlled before they require a large-scale response.

Biological control provides a method of sustainable pest control with a minimum impact to the environment.

### Pest Detection

Approximately 782 traps were placed throughout the County to detect the presence of these pests: Mediterranean, Oriental, Melon Fruit Flies; Japanese & Khapra beetles; Light Brown Apple Moth & Glassy Winged Sharpshooter

Fifty-five pest detection sites spread throughout the County were controlled by a combination of

### Pest Exclusion

Approximately 9,339 shipments were inspected for live exotic pests including the Glassy Winged Sharpshooter and Sudden Oak Death resulting in 3 Notice of Rejections issued.

### Pest Management

Glassy Winged Sharpshooter <u>Homalodisca coagulata</u>	Controlled by chemical method	Eradicated January 17, 2006
<b>PEST MANAGEMENT</b>	<b>BIOLOGICAL CONTROL</b>	
Yellowstar Thistle <u>Centaurea solstitialis</u>	Seed Weevils / Gall Fly / Seed Fly <u>Bangasternus/ Chaetoriella/ Eusten- pus / Larinus / Urophora</u>	Generally distributed
Klamath Weed <u>Hypericum perforatum</u>	Klamath Beetle <u>Chrysoline gemellata</u>	Generally distributed
Puncture Vine <u>Tribulus terrestris</u>	Stem & Seed Weevils <u>Microlarinus lypriformis</u>	Generally distributed
Italian Thistle <u>Carduus tenuiflorus/</u> <u>Carduus pycnocephalus</u>	Seedhead Weevils <u>Rhinocyllus conicus</u>	Generally distributed
Ash Whitefly <u>Siphoninus phillyreae</u>	Parasitic wasp <u>Encarsia partenopea</u>	Generally distributed
Purple loosestrife <u>Lythrum salicaria</u>	Root & seed Weevils/Leaf Beetles <u>Hylobius/Nanophyes/galerucella</u>	Nursery sites
Eucalyptus Red Gum Lerp Psyllid <u>Glycaspis brimblecombei</u>	Parasitic wasp <u>Psyllaephagus bliteus</u>	Nursery sites