

County of San Bernardino



2001 Crop and Livestock Report

Edouard Layaye, Agricultural Commissioner/Sealer

DEPARTMENT OF AGRICULTURE/ WEIGHTS AND MEASURES

777 East Rialto Avenue • San Bernardino, CA 92415-0720 • (909) 387-2105
Fax (909) 387-2449 • (800) 734-9459



COUNTY OF SAN BERNARDINO
ECONOMIC DEVELOPMENT
AND PUBLIC SERVICES GROUP

EDOUARD P. LAYAYE
Commissioner/Sealer

JOHN G. GARDNER
Chief Deputy Commissioner/Sealer

2001

SECRETARY OF FOOD AND AGRICULTURE
STATE OF CALIFORNIA

HONORABLE MEMBERS OF THE BOARD OF SUPERVISORS
COUNTY OF SAN BERNARDINO

In accordance with the requirements of section 2279 of the California Food and Agricultural Code, this report provides the estimated production, acreage and gross value of the agricultural industry in San Bernardino County for the year 2001. Despite a reduction in overall acreage and dairy production, the total value of production rose over \$84 million dollars to \$704,152,900. This total is the second highest total recorded for the County after the record of \$722,257,700 in 1999. While agriculture is present in nearly all areas, the majority by value is located predominantly in the southwest corner of the County. The industry is also concentrated in 10 commodities, which comprise 91.4% of all production value.

The dairy industry continues to dominate the agricultural industry of the County with milk production and related animal production contributing to over 75% of the total value of agriculture. A reduction in the number of dairies and cows from the development occurring in the former Chino Valley Agricultural Preserve, led to a decrease of 7% in total milk production. A substantially higher price received for milk, which increased the total dollars by 12.6%, or \$49,521,000, offset this decrease in production. Development also contributed to the decrease in fruit tree acreage.

Information in this report was gathered from a variety of sources including marketing boards, packing houses, other governmental agencies and, most importantly, by individual contact with the producers of the County by my staff. Without their efforts, this report would not be as complete and detailed for local production, especially for the many specialty crops and products reported.

Edouard P. Layaye
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Agricultural Commissioner/Sealer



SUMMARY AND NOTES

The value of agricultural production in the year 2001 for San Bernardino totaled \$704,152,900, an increase of over \$84 million from the previous year. Most of the increase in value is attributable to the dairy industry due to the high value of milk this year and the production of calves at the dairies. The method for calculating and reporting calves changed this year after consulting with industry and the University of California Dairy Advisor. Milk prices set by the California Department of Food and Agriculture were 21.1% more than the previous year. There was a 7.3% decline in milk production as dairies closed. Contributing to the decline was a period of rainy weather in February. Other than this brief period, the weather during the year was unremarkable.

Acres reported reflect the areas harvested and a single acre of ground may be planted more than once in the case of some field crops and vegetables. Acreage at nurseries reflects the actual size of the operation.

The "Top Products" list has been revised to recognize significant individual crops instead of grouped commodities. As a result, nursery products and oriental vegetables are no longer listed. The only grouping allowed are for commodities which differ only by variety such as navel and valencia oranges, harvest method such as alfalfa, or source such as beef production where the animals come from calf ranches and dairies.

Reported prices for commodities are F.O.B. from the shipping point or packing house or the equivalent price at the first delivery point. All data is for gross production, and prices are the average received. Commodities produced by fewer than three growers have been placed in the miscellaneous category for the commodity group unless permission has been given otherwise. Numbers have been rounded at the first level of compilation (District reports). Information contained in this report comes from a variety of sources including other governmental agencies, packing houses and growers. Without their cooperation, this report would not be possible.

Top Ten Products

2001 Rank	Product	Value	% of Total	2000 Rank
1	Milk	\$ 444,084,000	63.1%	1
2	Cattle & Calves (Meat)	\$ 49,964,900	7.1%	2 *
3	Replacement Heifers	\$ 44,087,400	6.3%	2 *
4	Eggs	\$ 26,153,700	3.7%	3
5	Oranges	\$ 21,882,800	3.1%	5 **
6	Alfalfa, All	\$ 19,363,400	2.7%	6
7	Indoor Decoratives	\$ 14,687,000	2.1%	4 ***
8	Trees/Shrubs	\$ 11,064,100	1.6%	4 ***
9	Chickens (Meat)	\$ 6,666,400	0.9%	8
10	Bok Choi	\$ 5,801,200	0.8%	7 ****
	Total Top Ten	\$ 643,754,900	91.4%	

Pullets were ranked ninth and strawberries ranked tenth in 2000.

* These two products were previously listed as Cattle & Calves and have been separated because of the difference in the intended use of the product.

** Oranges includes navel and valencia oranges.

*** These commodities were previously combined along with other commodities as Nursery Products and were ranked fourth.

**** Bok Choi was previously combined along with other commodities as Oriental vegetables which was ranked seventh.

Summary Comparison

Commodity Group	2000 Acreage	2000 \$ Value	2001 Acreage	2001 \$ Value
Field Crops	3,126,647	22,717,300	2,039,976	24,858,400
Vegetable Crops	4,749	18,552,800	4,453	23,708,500
Fruit & Nut Crops	8,327	34,767,000	7,723	36,295,600
Livestock & Poultry		514,460,300		584,673,600
Nursery Products	855	29,501,900	917	34,616,800
TOTAL	3,140,578	619,999,300	2,053,069	704,152,900

Definitions

cwt.: Hundredweight, 100 pounds.

Greenchop: Hay and other field crops harvested by cutting into small pieces and feed directly to animals.

Cropland forage: Fields where the crop stubble and residue is grazed on by animals, often sheep.

Silage: Greenchop placed into air-tight bags or enclosures and allowed to ferment, thus increasing the nutritional value.

Packed: Fruits and vegetables marketed as fresh and whole.

Processed: Fruit and vegetables either dried, juiced or otherwise changed from a fresh, whole item.

Market Milk: Milk sold for marketing as a fluid product generally for drinking.

Manufacturing Milk: Milk sold to make cheese, yogurt, powdered milk, etc.

Started Pullets: Young chickens produced to replace old egg-laying hens.

Spent Hens: Egg laying chickens who have reached the end of their productive careers.

Calves: Young cows between 200 to 300 pounds, sold to ranchers to "feed" up to a size suitable for slaughter.

Beef: Cattle raised for meat and by products. Most reported are young male calves.

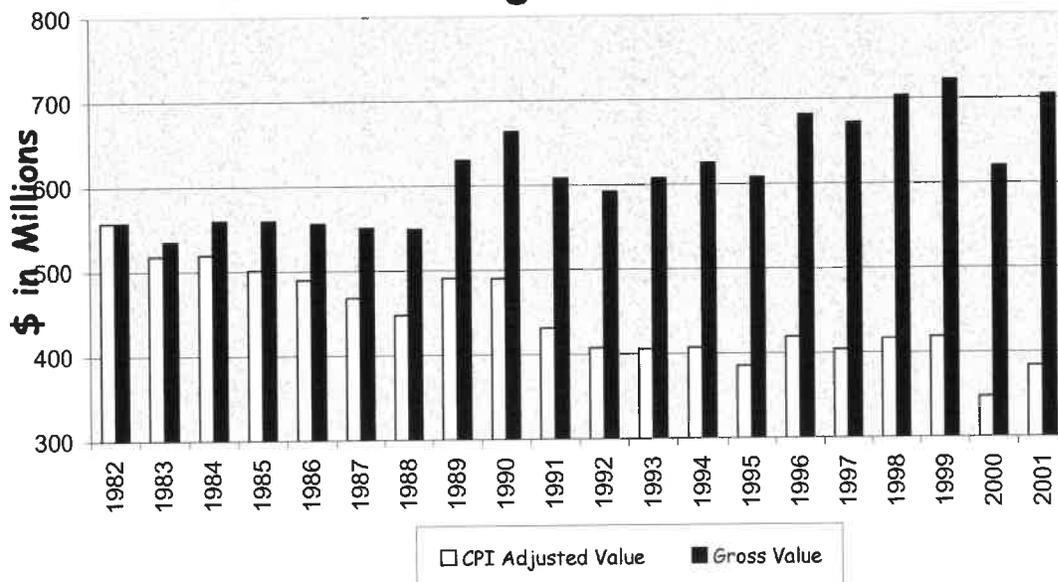
Replacement Heifers: Young female cows destined for milk production

Cull Cows: Milk cows who have reached the end of their productive careers and are sold for slaughter. Reported as "Dairy" in cattle and Calves.

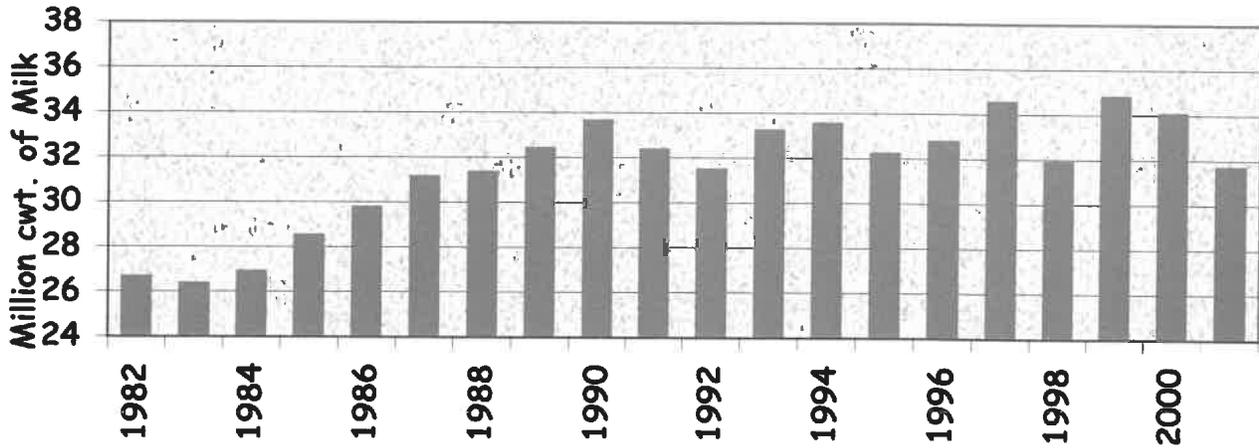
Baluts: Eggs removed from incubation after partial embryo development and used for food

The Cover: The official insignia of the County of San Bernardino includes the scales of justice, the natural beauty of our mountains, emblems of industry and transportation, and symbols of agriculture including orchards and vineyards. It was designed by William Dedrick, Planning Department, in 1948.

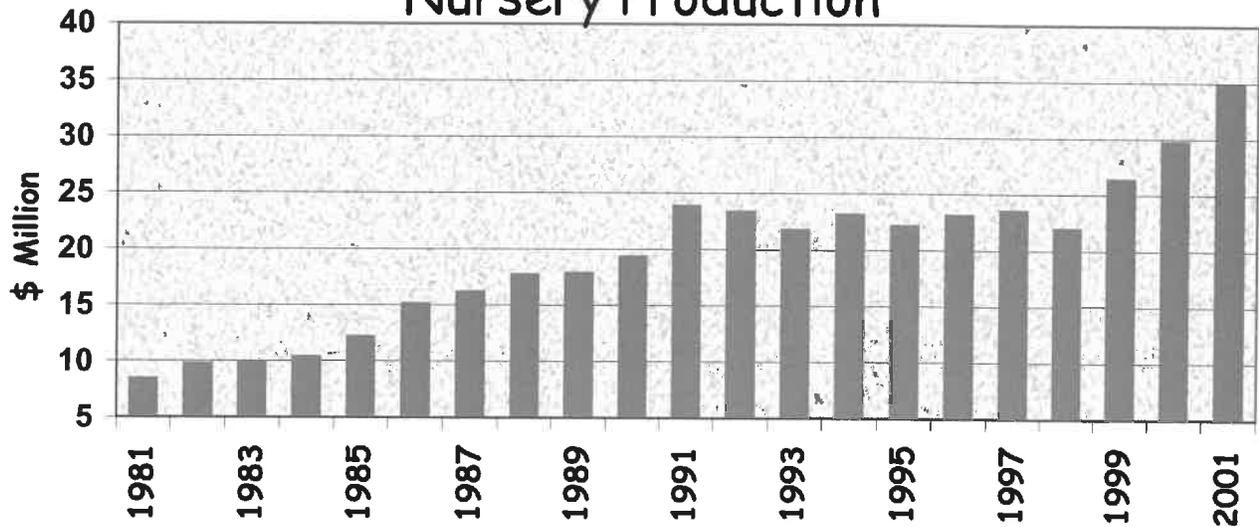
20 Years of Agricultural Values



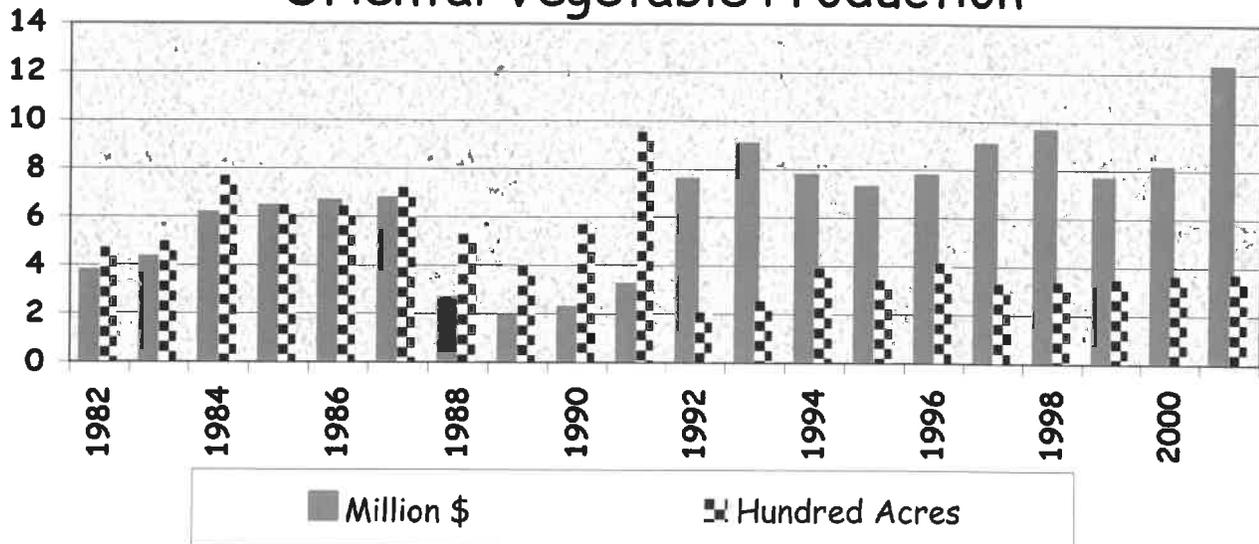
Annual Milk Production



Nursery Production



Oriental Vegetable Production





FRUIT AND NUT CROPS

		Harvested		Total Yield	Unit	\$ Per Unit	Total \$ Value	
Year	Acres	Per Acre						
Apples	Total	2001	332	5.3	1,744	Ton	1,531.71	2,671,300
		2000	423	4.4	1,873	Ton	1,543.73	2,891,400
	Packed	2001			1,088	Ton	1,963.24	2,136,000
		2000			1,243	Ton	1,913.03	2,377,900
	Processed	2001			656	Ton	816.01	535,300
		2000			630	Ton	815.08	513,500
Avocados		2001	222	4.1	904	Ton	2,459.29	2,223,200
		2000	221	3.9	860	Ton	2,478.84	2,131,800
Grapes	Total	2001	884	7.0	6,183	Ton	212.39	1,313,200
		2000	1,180	5.6	6,576	Ton	334.79	2,201,700
	Zinfandel	2001	41	0.6	26	Ton	250.00	6,500
		2000	100	0.9	86	Ton	1,037.43	88,700
	Red Wine	2001	80	3.0	242	Ton	200.00	48,400
		2000	135	0.8	108	Ton	797.03	86,000
	White Wine	2001	26	2.8	72		163.89	11,800
		2000			None Reported			
	Table	2001	152	5.1	775	Ton	854.19	662,000
		2000	161	5.3	851	Ton	1,148.06	977,000
By-products	2001	585	8.7	5,068	Ton	115.33	584,500	
	2000	784	7.1	5,532	Ton	189.80	1,050,000	
Grapefruit	Total	2001	665	10.5	6,988	Ton	256.00	1,788,900
		2000	680	10.6	7,205	Ton	277.59	2,000,000
	Packed	2001			3,494	Ton	446.99	1,561,800
		2000			3,998	Ton	447.70	1,789,900
	Processed	2001			3,494	Ton	65.00	227,100
		2000			3,207	Ton	65.51	210,100
Kiwis		2001				None Reported		
		2000				See Miscellaneous		
Lemons	Total	2001	315	4.8	1,498	Ton	828.55	1,241,000
		2000	300	7.9	979	Ton	585.29	573,000
	Packed	2001			1,283	Ton	954.01	1,223,800
		2000			941	Ton	605.74	570,000
	Processed	2001			215	Ton	80.00	17,200
		2000			38	Ton	78.95	3,000



FRUIT AND NUT CROPS

		Harvested						
		Year	Acreage	Per Acre	Total Yield	Unit	\$ Per Unit	Total \$ Value
Oranges-Navel	Total	2001	2,487	8.8	21,842	Ton	462.53	10,102,500
		2000	2,632	7.6	20,039	Ton	474.52	9,508,900
	Packed	2001			14,231	Ton	687.00	9,776,700
		2000			13,426	Ton	687.00	9,223,600
	Processed	2001			7,611	Ton	42.81	325,800
		2000			6,613	Ton	43.14	285,300
Oranges-Valencia, Total	Total	2001	2,245	12.4	27,921	Ton	421.92	11,780,300
		2000	2,380	10.8	25,668	Ton	431.09	11,065,200
	Packed	2001			15,300	Ton	661.92	10,127,400
		2000			14,056	Ton	678.41	9,535,700
	Processed	2001			12,621	Ton	130.96	1,652,900
		2000			11,612	Ton	131.72	1,529,500
Other Citrus	2001	50	1.8	92	Ton	1,172.68	107,300	
	2000	59	5	308	Ton	996.75	307,000	
Pistachios	2001	205	0.1	30	Ton	3,150.00	94,500	
	2000	230	0.2	35	Ton	3,028.57	106,000	
Strawberries	2001	267	26.8	7,153	Ton	677.03	4,842,800	
	2000	145	29	4,210	Ton	832.84	3,506,600	
Miscellaneous	2001	51					130,600	
	2000	77					475,400	
TOTAL	2001	7,723					\$ 36,295,600	
	2000	8,327					\$ 34,767,000	

Miscellaneous 2000 & 2001 Apricots (2000 only), Raspberries, Jujubes, Kiwis (2000 only), Freestone Peaches, Persimmons (2001 only), Pears, Pomegranites (2000 only) and Bangkok Guavas

Fruit and Nut Comments: Growers reported a decline in harvested acreage for nearly every crop, with apples, grapes and oranges having the greatest declines. The harvested acreage of grapes declined as did prices due to the continuing glut of wine grapes throughout California. Apple production declined because of a late frost in the desert growing region. Acres of oranges harvested declined as groves were removed for development and lack of care at groves held by speculators made picking unprofitable. Pistachio production continued to be dismal and little harvesting of planted orchards occurred. Strawberry acreage increased substantially as a major growing operation started in the Chino-Ontario area. Production of strawberries was not as good as the previous year due to high temperatures in the late Spring.



FIELD CROPS

		Acres		Per Acre	Total Yield	Unit	\$ Per Unit	Total \$ Value	
Year	Harvested								
Greenchop	Total	2001	3,343		107,050	Ton		2,184,500	
		2000	4,073		94,707	Ton		2,133,200	
	Alfalfa	2001	1,315	26.9	35,400	Ton	30.41	1,076,400	
		2000	1,090	23.8	25,960	Ton	27.68	718,600	
	Barley	2001	285	15.0	4,275	Ton	20.00	85,500	
		2000	735	15.0	11,025	Ton	23.00	253,600	
	Oats	2001	140	15.0	2,100	Ton	23.00	48,300	
		2000	1,480	15.0	22,200	Ton	15.00	333,000	
	Sudan	2001	1,603	40.7	65,275	Ton	14.93	974,300	
		2000	768	46.3	35,522	Ton	23.31	828,000	
	Hay	Total	2001	17,532		141,757	Ton		19,403,600
			2000	17,997		132,296	Ton		15,588,800
Alfalfa		2001	14,625	9.1	133,737	Ton	136.74	18,287,000	
		2000	14,539	8.3	120,373	Ton	118.19	14,226,300	
Barley		2001			None Reported				
		2000	250	3.5	875	Ton	120.00	105,000	
Oats		2001			See Miscellaneous				
		2000			None Reported				
Sudan		2001	119	2.5	300	Ton	46.00	13,800	
		2000	850	4.0	3,400	Ton	90.00	306,000	
Misc. Mixed Hay		2001	2,788	2.8	7,720	Ton	142.85	1,102,800	
		2000	2,358	3.2	7,648	Ton	124.41	951,500	
Pasture	2001	7,275			Acre	120.49	876,600		
	2000	7,670			Acre	122.02	935,900		
Range	2001	1,998,935			Acre	0.16	324,300		
	2000	3,082,535			Acre	0.15	458,200		
Cropland Forage	2001	8,500			Acre	9.41	80,000		
	2000	11,000			Acre	20.00	220,000		
Silage	Corn	2001	746	31.0	23,126	Ton	33.00	763,200	
		2000	649	29.7	19,301	Ton	40.00	772,000	
	Wheat	2001	1,107	14.0	15,498	Ton	32.50	503,700	
		2000			See Miscellaneous				
Miscellaneous	2001	2,538					722,500		
	2000	2,723					2,609,200		
Total	2001	2,039,976				\$	24,858,400		
	2000	3,126,647				\$	22,717,300		

Miscellaneous 2001: Cotton lint, mixed grain greenchop, oat hay and silage sudan.

Miscellaneous 2000: Cotton lint, cottonseed and silage wheat, alfalfa and sudan.

Field Crop Comments: Dairy feed continues to drive the local market for field crops with alfalfa, mixed hay and silage preferred over other feed. Sudan production shifted away from hay to greenchop which resulted in a greater per acre return to the grower. Desert range decreased as land was diverted away from grazing. As a result, the value of the remaining range increased slightly as the percentage of high value foothill range increased.



NURSERY PRODUCTS

	Year	Greenhouse Sq.Ft.	Field Acres	Quantity Sold	Unit	Total \$ Value
Bedding Plants	2001	222,400	5	257,526	Flats	2,410,000
	2000	202,400	12	219,400	Flats	2,353,000
Christmas Trees	2001		174	17,500	Trees	761,000
	2000		171	18,200	Trees	678,700
Ground Cover	2001		57	572,500	Flats	3,435,000
	2000		50	548,200	Flats	3,015,000
Indoor Decoratives Including Orchids	2001	642,524		2,292,665	Plants	14,687,000
	2000	548,854		2,350,720	Plants	8,280,900
Trees & Shrubs Including roses	2001	12,000	450	1,645,629	Plants	11,064,100
	2000	24,000	353	1,693,300	Plants	13,881,000
Turf	2001		202	202	Acres	1,904,500
	2000		197	71	Acres	733,500
Cut Flowers/Decoratives	2001		5			17,000
	2000		7			53,800
Miscellaneous	2001	-	5.8			338,200
	2000	-	7.3			506,000
Total	2001	876,924	897.3			\$ 34,616,800
	2000	775,254	797.5			\$ 29,501,900

Miscellaneous 2000 & 2001 Fruit Trees, Cactus & Succulents, Bonsai, Herbs (1999), Water Lilies, Aquatic Plants, Seeds, Firewood and Jojobas

Nursery Products Comments: The average prices received for indoor decoratives increased as specialty plants, such as orchids and poinsettias, fetched high prices. Additional nurseries opened in the County and some existing nurseries expanded especially those producing trees and shrubs. Acreage for bedding plants decreased but overall sales increased as stock was cleared from the growing grounds. Towards the end of the year, a number of growers were expressing interest in starting production of bedding and color plants in addition to their regular plant production. Turf acreage planted last year came into production this year. Most of the turf production is located in the desert portion of the County. The value of nursery stock increased 17.3% from the previous year and 59.4% from 1998.



Livestock and Poultry

		Year	Production	Unit	\$ Per Unit	Total \$ Value
Milk	Total	2001	31,570,013	cwt.	14.07	444,084,000
		2000	33,951,213	cwt.	11.62	394,563,000
	Market	2001	31,461,070	cwt.	14.07	442,647,000
		2000	33,876,945	cwt.	11.63	393,836,000
	Manufacturing	2001	108,943	cwt.	13.19	1,437,000
		2000	74,268	cwt.	9.79	727,000
Eggs, Chicken	2001	60,822,667	dozen	0.43	26,153,700	
	2000	74,166,100	dozen	0.43	32,113,900	
Honey	2001	1,756,713	lb.	0.65	1,137,900	
	2000	1,470,000	lb.	0.51	749,700	
Beeswax	2001	25,000	lb.	1.05	26,300	
	2000	24,500	lb.	1.20	29,400	
Pollination Service	2001	26,230	Colonies	44.71	1,172,800	
	2000	18,800	Colonies	45.00	846,000	

Livestock

		Year	Head	Liveweight	Unit	\$ Per Unit	Total \$ Value
Cattle & Calves,	Total	2001	178,910	871,000	cwt.		94,052,300
		2000	169,950	1,130,400	cwt.		64,995,800
	Beef	2001	64,730	165,400	cwt.	135.28	22,375,900
		2000	2,650	14,500	cwt.	89.00	1,290,500
	Dairy	2001	50,400	705,600	cwt.	39.10	27,589,000
		2000	167,300	1,115,900	cwt.	57.09	63,705,300
Replacement Heifers	2001	63,780				44,087,400	
Hogs & Pigs	2001	8,500	14,330	cwt.	34.54	494,900	
	2000	8,600	14,500	cwt.	30.32	439,600	
Chickens	Total	2001	5,565,000				7,281,400
		2000	4,974,500				11,137,000
Fryers/Roasters	2001	2,900,000	17,093,000	lb.	0.39	6,666,400	
	2000	2,750,600	16,528,300	lb.	0.36	6,022,000	
Started Pullets	2001	2,665,000	-	ea.	0.23	615,000	
	2000	2,223,900	-	ea.	2.30	5,115,000	



Livestock and Poultry

	Year	Head	Liveweight	Unit	\$ Per Unit	Total \$ Value
Miscellaneous Livestock	2001					10,270,300
	2000					9,585,900
Total Livestock and Livestock Products	2001					\$ 584,673,600
	2000					\$ 514,460,300

Miscellaneous Livestock 2001: Spent Hens, Ducks, Ostriches, Fish, and Water Buffalo milk.

Miscellaneous Livestock 2000: Spent Hens, Ducks, Ostriches, Fish, and Baluts.

LIVESTOCK AND POULTRY INVENTORIES

	January 1, 2001	January 1, 2002
CATTLE & CALVES, ALL	235,500	222,000
BEEF	3,500	3,500
MILK COWS*	171,000	161,000
CALVES	61,000	57,500
	191 Estimated Dairies	184
HOGS & PIGS	14,000	8,000
POULTRY, ALL	5,032,550 46 Poultry Ranches	4,529,500 41 Poultry Ranches
CHICKEN, LAYERS**	3,252,250	2,807,200
PULLETS**	920,000	920,000
CHICKEN, MEAT**	390,000	390,000
DUCKS**	470,000	412,000
OSTRICHES	300	300

Inventories are rough estimates derived from reported production and government permits.

* Data from Animal Health Bureau, Dept. Food and Agriculture. Dairies are counted based on physical addresses, not by owner.

** Data from County Vector Control permits.

Livestock and Poultry Comments: Milk value rose significantly from 2000 levels as the price set by the State averaged considerably higher for both market and manufacturing milk. Milk prices are based on production and other cost factors. Milk production decreased as dairies closed or relocated out of the County. Egg production dropped as a number of layers were taken out of production due ranches closing and disease factors. The price received for eggs was nearly identical as in 2000. The "Cattle and Calves" category has been revised after input from industry and the local Farm Advisor. Previously all calves born at the dairies were reported in "Dairy" along with the mature cows culled from the herds. Female calves are now reported as Replacement Heifers and male calves as "Beef". Culled dairy cows are still reported in "Dairy".



VEGETABLE CROPS

	Year	Acres		Total		\$ Per Unit	Total \$ Value
		Harvested	Per Acre	Yield	Unit		
Beans, Green	2001	48.7	7.6	369	Ton	1,068.89	394,900
	2000	20.3	4.1	82	Ton	671.12	55,200
Beets	2001	8.0	4.0	32	Ton	518.75	16,600
	2000	7.1	5.0	36	Ton	521.13	18,500
Cabbage	2001	8.2	8.0	66	Ton	239.33	15,700
	2000	38.6	8.0	309	Ton	260.04	80,300
Cantaloupe	2001	27.1	13.1	355	Ton	727.12	258,200
	2000			See Miscellaneous			
Corn, Sweet	2001	88.0	5.0	440	Ton	1,817.27	799,600
	2000	165.0	5.0	826	Ton	351.57	290,400
Cucumbers	2001	67.3	7.1	477	Ton	636.60	303,500
	2000	5.0	27.8	139	Ton	415.11	57,700
Herbs	Total 2001	141.2		272.5	Ton		847,100
	2000	192.0		357.1	Ton		633,900
Chives	2001	24.9	0.4	10.0	Ton	13,000.00	130,000
	2000	41.7	0.4	17.0	Ton	7,000.00	119,000
Dill	2001	10.1	5.0	50.0	Ton	6,000.00	300,000
	2000	10.6	5.0	53.0	Ton	2,000.00	106,000
Mint	2001	18.6	0.4	7.4	Ton	7,030.30	52,200
	2000	14.1	0.4	5.6	Ton	3,000.00	16,800
Miscellaneous Herbs*	2001	88	2.3	205.1	Ton	1,779.57	364,900
	2000	125.6	2.2	281.5	Ton	1,392.70	392,100
*2000 & 2001 Anise, Arugula, Basil, Black Radish, Cilantro, Italian Parsley, Oregano, Rosemary, Thyme and Tarragon							
Onions, Dry	2001	8.3	1.5	13	Ton	1,556.42	20,000
	2000	4.8	2.3	11	Ton	663.64	7,300
Oriental Vegetables	2001	3,727.8		22,223	Ton		12,204,200
	2000	3,654.4		19,752	Ton		8,037,400
Bok Choi	2001	2,226.0	6.2	13,867	Ton	418.35	5,801,200
	2000	2,001.0	5.7	11,494	Ton	380.69	4,375,700
Daikon	2001	406.5	13.3	5,419	Ton	244.12	1,322,900
	2000	360.0	13.1	4,730	Ton	244.95	1,158,500



VEGETABLE CROPS

	Year	Acres Harvested	Per Acre	Total Yield	Unit	\$ Per Unit	Total \$ Value
Napa	2001	113.5	3.5	398	Ton	310.69	123,500
	2000	227.0	3.3	750	Ton	300.00	225,000
Nira	2001	39.5	1.2	47	Ton	1,397.23	65,600
	2000	50.0	1.7	84	Ton	3,471.43	291,600
Ken Yip	2001	6.0	2.0	12	Ton	2,250.00	27,000
	2000	17.2	2.0	34	Ton	799.42	27,500
Suk Gat	2001	12.3	3.0	37	Ton	1,200.00	44,100
	2000	29.0	3.0	87	Ton	1,300.00	113,100
Korean Onions	2001	12.0	2.0	24	Ton	1,200.00	28,800
	2000	31.5	2.0	63	Ton	1,200.00	75,600
Korean Melons	2001	48.5	2.0	97	Ton	1,000.00	97,000
	2000	26.0	2.0	52	Ton	615.38	32,000
Miscellaneous	2001	863.6	2.7	2,322	Ton	2,021.23	4,694,100
Oriental Vegetables**	2000	912.7	2.7	2,458	Ton	707.13	1,738,400
**2001 Aok; Bitter Melon; Gai Lohn; Kabacho; Korean Squash; Korean Peppers; Minari; Red Mustard; Snowpeas; Tongha; Vietnamese Celery and Mint; and Yermo.							
**2000 Aok; Bitter Melon; Gai Lohn; Korean Squash and Peppers; Minari; Red Mustard; Snowpeas; Vietnamese Mint; and Yermo.							
Peppers, Chili	2001	0.5	1.0	1	Ton	3,000.00	1,500
	2000	15.9	0.4	7	Ton	1,288.89	8,700
Squash	2001	54.8	6.5	359	Ton	423.41	151,900
	2000	51.5	4.7	242	Ton	440.91	106,700
Tomatillos	2001	95.3	0.8	81	Ton	1,363.98	109,800
	2000	86.5	4.5	391	Ton	1,415.72	553,900
Tomatoes	2001	6.7	1.7	12	Ton	1,173.91	13,500
	2000	3.5	7.5	27	Ton	1,728.30	45,800
Turnips	2001	6.2	1.8	11	Ton	780.70	8,900
	2000	3.2	2.0	6	Ton	1,046.88	6,700
Watermelon	2001	41.4	9.9	410	Ton	114.29	46,800
	2000	5.6	2.0	11	Ton	415.93	4,700



VEGETABLE CROPS

	Year	Acres		Total Yield	Unit	\$ Per Unit	Total \$ Value
		Harvested	Per Acre				
Miscellaneous	2001	123.7					8,516,300
Vegetables***	2000	495.4					8,645,600
Total	2001	4,453					23,708,500
	2000	4,749					18,552,800

***Miscellaneous Vegetables Beans, Black-eye and Fava ; Broccoli; Cactus; Carrots; Cauliflower; 2001: Chard; Collards; Eggplant; Escarole; Garlic; Green Onions; Leeks; Lettuce; Okra; Melons, Honeydew and Citron; Mushrooms; Peppers, Bell; Potatoes; Pumpkins; Radishes; Salad Mix; Shallots; Snap Peas; Spinach; Sprouts; and Sweet Potatoes.

**Miscellaneous Vegetables 2000: Beans, Black-eye, Fava and Garbanzo; Broccoli; Cactus; Cantaloupe; Carrots; Chard; Collards; Eggplant; Escarole; Garlic; Green Onions; Leeks; Lettuce; Okra; Mushrooms; Muskmelon; Peppers, Bell; Potatoes; Pumpkins; Radishes; Rhubarb; Salad Mix; Shallots; Snap Peas; Spinach; Sprouts; and Sweet

Vegetable Crop Comments: Oriental vegetables continued to dominate vegetable fields in the County with Bok Choi the favorite crop. Mushrooms and sprouts provided the majority of the value in the miscellaneous vegetable category. Despite diminished acreage, sweet corn value rose significantly as the majority of the crop was marketed directly to consumers rather than through the wholesale markets. Green bean growers enjoyed both increased yields and higher prices. Tomatoes and Chili peppers were impacted by the Oriental Fruit Fly quarantine which was imposed in July. This stopped picking until the required treatments could take place and much of the crop went unharvested as a result. Tomatillo production in the north desert was severely reduced by a persistent heavy infestation of spider mites. Watermelon production was very good this year although the price received was low due to most of the crop being grown on contract rather than marketed.

Vegetables and herbs add a richness and variety to our diet and are an important source of vitamins, fiber and other nutrients essential for health. Eat some today.

	FRUIT & NUTS		VEGETABLES		FIELD, NURSERY & MISCELLANEOUS		LIVESTOCK & POULTRY		TOTAL VALUE	
	ACRES	VALUE	ACRES	VALUE	ACRES	VALUE	VALUE	ACRES	VALUE	% OF TOTAL
CENTRAL	21	\$ 264,000	1,539	\$ 5,567,400	155	\$ 9,037,200	\$ 16,521,172	1,715	\$ 31,389,772	4.5%
EAST END	5,798	\$ 28,366,900	10	\$ 73,000	19,075	\$ 6,005,000	\$ 9,813,444	24,883	\$ 44,258,344	6.3%
NORTH DESERT	1,310	\$ 1,970,600	88	\$ 107,500	1,601,930	\$ 16,798,500	\$ 25,709,615	1,603,328	\$ 44,586,215	6.3%
SOUTH DESERT	91	\$ 241,800	59	\$ 330,300	404,312	\$ 13,927,500	\$ 17,542,286	404,461	\$ 32,041,886	4.6%
WEST END NORTH	140	\$ 1,702,200	8	\$ 717,200	38	\$ 1,991,200	\$ -	186	\$ 4,410,600	0.6%
WEST END SOUTH	322	\$ 3,750,100	2,749	\$ 16,913,100	15,383	\$ 11,715,800	\$ 515,087,083	18,453	\$ 547,466,083	77.8%
TOTAL	7,682	\$ 36,295,600	4,453	\$ 23,708,500	2,040,893	\$ 59,475,200	\$ 584,673,600	2,053,027	\$ 704,152,900	100.0%

Central = The area east of Interstate 15 to Highway 30, south of the San Bernardino Mountains.

East End = The area east of Highway 30 and south of the San Bernardino Mountains.

North Desert = The area north of Victorville, and includes the area east along Interstate 40 and National Trails Highway.

South Desert = The communities of Adelanto, AppleValley, Victorville, Hesperia, Lucerne Valley, Yucca Valley, 29 Palms and the surrounding areas.

West End North = The area north of Mission Boulevard and west of Interstate 15.

West End South = The area south of Mission Boulevard near the cities of Chino and Ontario.

San Bernardino County is the largest county in the United States with 20,106 square miles of land.

San Bernardino County is the fifth most populous county in California with 1,689,300 people.

San Bernardino County's median income is \$47,300.

San Bernardino County is ideally situated for businesses and their employees.



SUSTAINABLE AGRICULTURE

Water is a farmer's most precious resource.

Over 8.7 million acres are irrigated in the State.

Sustainable agriculture is defined by minimizing the outside artificial, non-renewable inputs necessary to sustain production. This can include fertilizers, pesticides, fuel and other synthetic materials. To help reduce these inputs, the department performs a variety of tasks which help not only the grower but the general public as well. These tasks include preventing new pests from entering California by inspecting plant shipments, eradicating invasive non-native species of plants and insects, and releasing biological control agents to mitigate the impact of foreign pests which escaped detection and became established.

In 2001, the Department inspected over 25,700 plant shipments. Foreign pests were intercepted fifteen times. Keeping foreign pests out of California helps reduce the amount of pesticides. Many of the major pest problems growers treat for are pests which managed to get into California.

Control efforts continued to suppress the spread of yellow star thistle, white horenettle, halogeton, harmel, knapweed and artichoke thistle. Most of these weeds are common in other parts of the State where they pose significant problems to agriculture and the public.

Over 128,000 insect trap inspections were made, resulting in the detection of an Oriental Fruit Fly infestation in Ontario. A quarantine prohibiting movement of fruits and vegetable was imposed and treatments were made to eradicate the infestation. The infestation should be declared eradicated sometime in the spring of 2002.

Parasitic wasps to control the Red Gum Lerp Psyllid were released in October near Chino. This psyllid has devastated eucalyptus trees throughout California and increased pesticide use in parks and around homes. In prior years, the department has introduced and spread biological agents to control Western Grapeleaf Skeletonizer, Ash Whitefly and puncture vine.

You can help keep California free of foreign pests by buying your landscape plants from a California nursery rather than from an out-of-state mail-order nursery. When you travel to other countries and states, do not bring fruits and vegetables or products made from plants. Even dried plant material like flowers and baskets can pose a threat by carrying viruses and bacteria.