

Crop and Livestock Report



2007

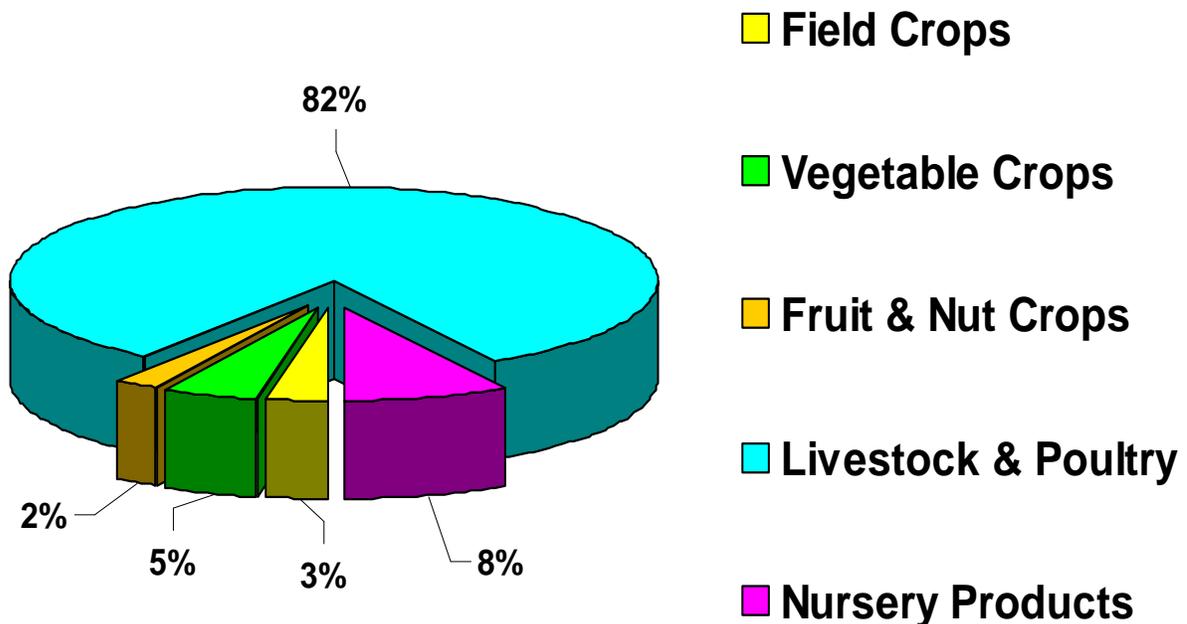
John Gardner

Agricultural Commissioner/Sealer

Summary of Highlights

Total Value of Production	\$572,168,200
Increase in Value from 2006	\$136,381,000
Commodity with highest reported dollar value	Milk
Highest per acre value	Indoor Decoratives, including Orchids
Lowest per acre value	Rangeland
Commodity with the greatest % increase in total value from 2006	Table Grapes
Commodity with greatest % decrease in total value from 2006	Grape By-Products
Crop with the greatest amount of planted acreage	Alfalfa

Percent of Production by Commodity Type



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.

**DEPARTMENT OF AGRICULTURE/
WEIGHTS AND MEASURES**

COUNTY OF SAN BERNARDINO

777 East Rialto Ave., San Bernardino, CA 92415-0720
(909) 387-2105 • Fax (909) 387-2449
1-800-734-9459 <http://www.sbcounty.gov/awm/>



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JOHN G. GARDNER
Agricultural Commissioner/Sealer
ROBERTA Y. WILLHITE
Assistant Agricultural
Commissioner/Sealer

A.G. KAWAMURA, SECRETARY

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

HONORABLE MEMBERS OF THE BOARD OF SUPERVISORS

SAN BERNARDINO COUNTY

In accordance with the requirements of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2007 San Bernardino County Annual Crop Report. This report provides the estimated production, acreage and gross value of the agricultural industry for the year 2007. Also included is a report on the activities for sustaining agriculture as specified in Section 2272 of the aforementioned code.

The gross value of agricultural production in San Bernardino County for 2007 totaled \$572,168,200 - an increase of \$136,381,000 from the previous year. This increase is primarily due to the substantial rise in prices for milk and eggs. This is a significant value increase considering the dairy industry has decreased in size for four consecutive years; as the number of milk cows declined, the related production of replacement heifers, male calves and cull cows declined as well. Field crop total acreage decreased slightly; however, prices have risen due to increased demand caused by reduced production throughout the Western states. Vegetable production increased in both harvested acreage and total value predominately due to an increase in the production of oriental vegetables. The value of nursery products increased by nearly 10% from the previous year.

Despite continued conversion of agricultural land in the county to residential and business development, agriculture is still an integral component of the community in many areas. The importance of agricultural land can only increase as open space decreases and the preservation of these properties may become essential to the quality of life in our communities.

Local production information in this report was gathered from a variety of sources: marketing boards, packing houses, other governmental agencies and most importantly, by individual contact with County producers by my staff. Their dedicated efforts contributed to making this report as complete and detailed as possible. The declining number of producers can be attributed to the reduction in acreage and to increases in most of the miscellaneous listings. Over 125 different commodities are included in this report; many are produced by just a few individuals. Contact with these producers was essential to the accuracy of this report.

MARK H. UFFER
County Administrative Officer
NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

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JOSIE GONZALES Fifth District

SUMMARY AND NOTES

The dairy industry continues to decline, impacting calf production and replacement heifers. The price of hay and greenchop for dairies has increased due to the drought and general reduction of acreage in the western United States.

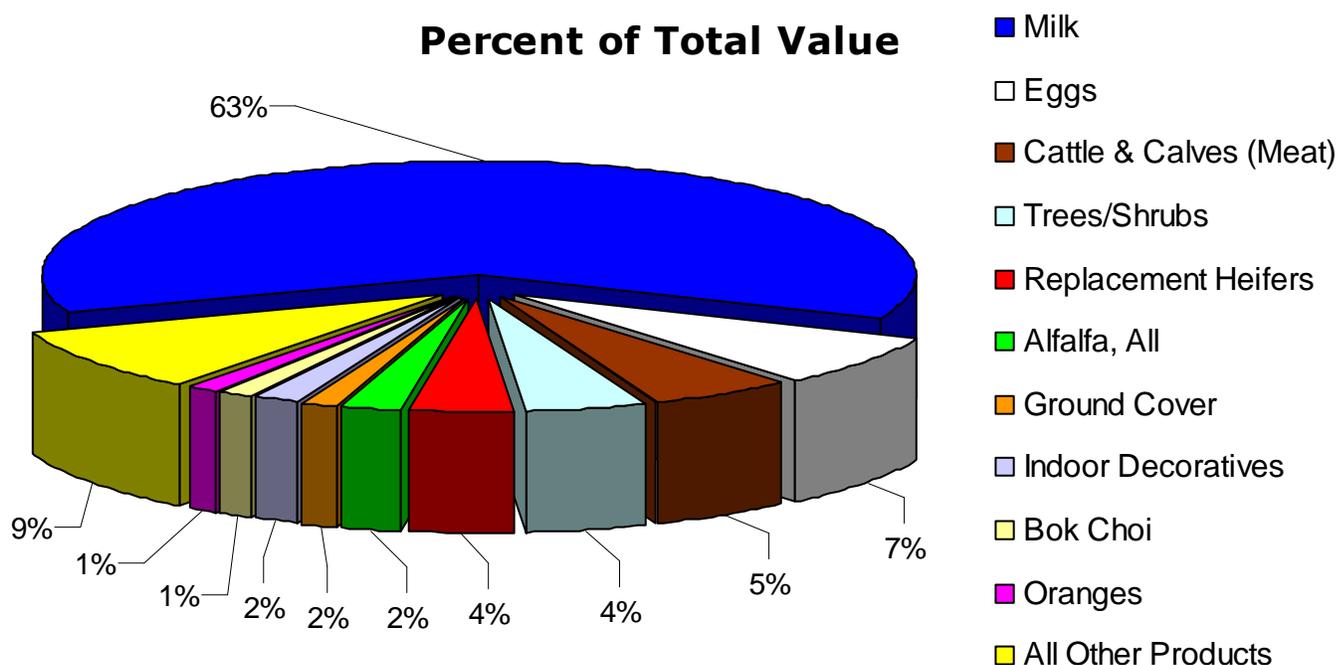
Acreage for fruits, nuts and nursery products reflects the actual amount of land involved. Acreage for vegetable and field crops is usually planted multiple times during the course of the year and therefore the total acres for these crop categories is larger than the actual acres of agricultural land.

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). Reports of small acreage, yield and value at the District level create the appearance of a greater degree of accuracy in the overall information as a result. 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 have been possible.

TOP TEN PRODUCTS

2007 Rank	Product	Value	% of Total	2006 Rank
1	Milk	\$ 354,069,300	63	1
2	Eggs	\$ 42,688,300	7	3
3	Cattle & Calves (Meat)	\$ 30,939,400	5	2
4	Trees/Shrubs	\$ 25,138,400	4	5
5	Replacement Heifers	\$ 22,440,000	4	4
6	Alfalfa, All	\$ 11,883,400	2	6
7	Ground Cover	\$ 9,391,300	2	9
8	Indoor Decoratives	\$ 8,934,700	2	8
9	Bok Choi	\$ 8,183,200	1	10
10	Oranges	\$ 6,389,200	1	7
	All Other Products	\$ 52,111,000	9	
	TOTAL	\$ 520,057,200		

Percent of Total Value



Summary Comparison

Commodity Group	2006 Acreage	2006 \$ Value	2007 Acreage	2007 \$ Value
Field Crops	1,012,810	\$16,656,000	1,011,643	\$17,909,700
Vegetable Crops	3,950	\$21,625,600	4,961	\$25,978,400
Fruit & Nut Crops	4,592	\$18,190,700	3,933	\$13,789,400
Livestock & Poultry		\$335,518,000	---	\$466,984,900
Nursery Products	946	\$43,796,900	932	\$47,505,800
TOTAL	1,022,298	\$435,787,200	1,021,469	\$572,168,200

Definitions

Cwt: Hundredweight, 100 pounds.

Greenchop: Hay and other field crops harvested by cutting into small pieces and fed 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.

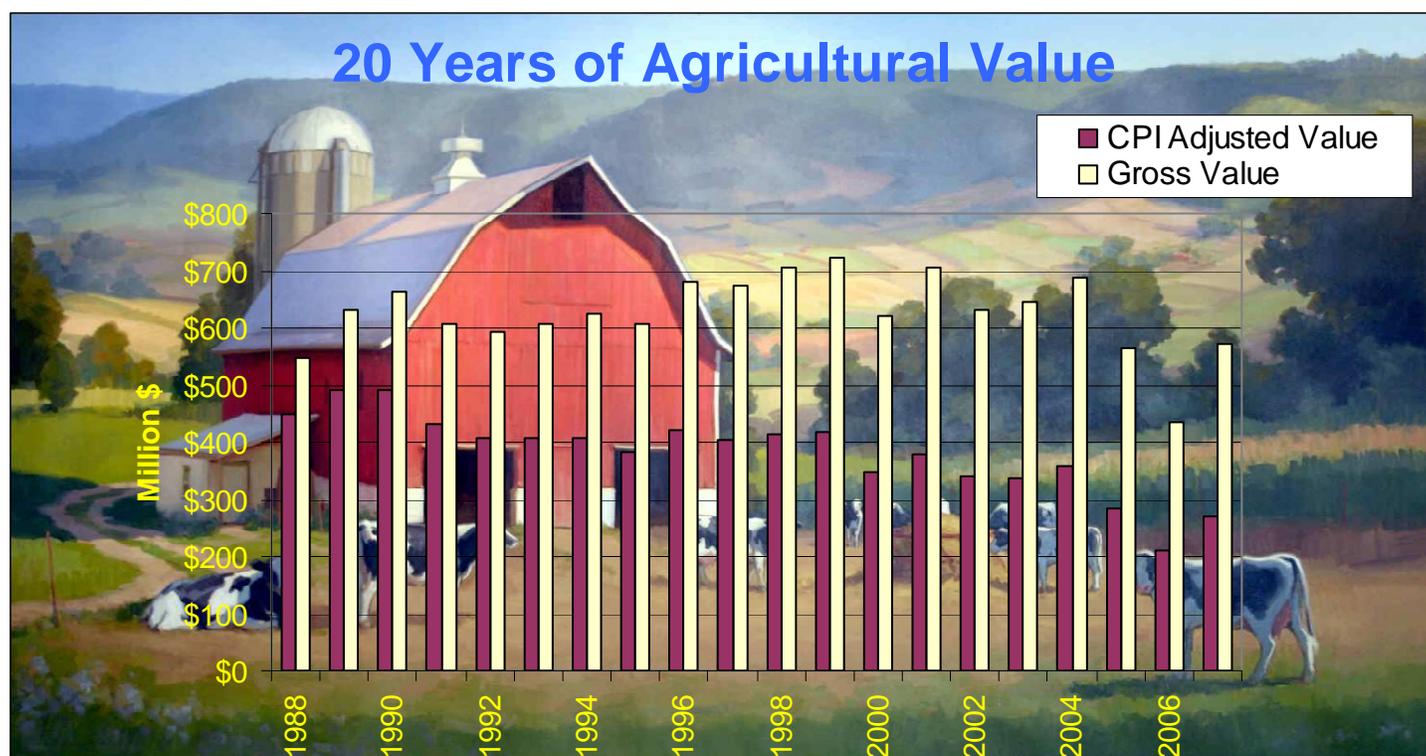
Spent Hens: Egg laying chickens who have reached the end of their productive careers.

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 of these 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.



Agriculture/Weights & Measures

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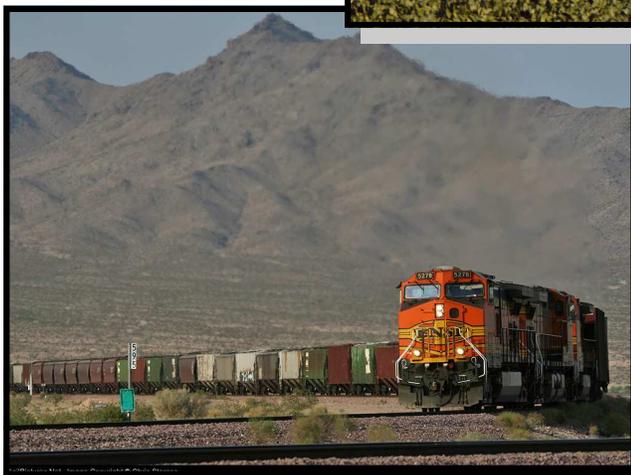
Regulating Pesticides to Protect Our Health
and Our Environment



Inspecting Produce to Ensure Customers
Receive High Quality, Healthy Products



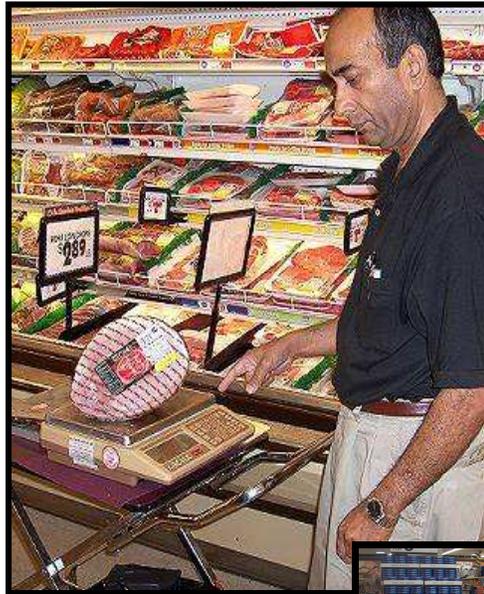
Protecting
the Health
and Safety
of Field
Workers



Expediting Agricultural Shipments by
Certifying them as being Compliant
with Quarantine Regulations



Continually Monitoring
Thousands of Exotic Insect
Detection Traps



Verifying that Package Contents and Scanner Prices are Correct

“Sniffing Out” Possible Quarantine Pests in Incoming Packages and Shipments



Inspecting the Accuracy of Scales ...



... and Gas, Electric and Water Meters



Controlling Weeds along Flood Control Channels and Roads

Checking the Accuracy of Gasoline Dispensers



One Vision

Working With Industry and The Public
~ For Better Business
~ For Better Lives



Fruit and Nut Crops

	Year	Harvested Acreage	Per Acre	Total Yield	Unit	\$ Per Unit	\$ Per Acre	Total \$ Value
Apples, Total	2007	231	2.9	664	Ton	\$2,133.05	\$6,135	\$1,417,200
	2006	264	2.8	744	Ton	\$2,172.94	\$6,132	\$1,615,800
Packed	2007			311	Ton	\$3,009.63		\$937,200
	2006			369	Ton	\$3,000.00		\$1,105,800
Processed	2007			353	Ton	\$1,359.77		\$480,000
	2006			375	Ton	\$1,360.00		\$510,000
Avocados	2007	190	4.3	820	Ton	\$1,325.98	\$5,722	\$1,087,300
	2006	200	4.3	860	Ton	\$1,300.00	\$5,590	\$1,118,000
Grapes, Total	2007	333	2.8	921	Ton	\$1,782.81	\$4,934	\$1,641,500
	2006	723	5.2	3,776	Ton	\$400.95	\$2,096	\$1,514,000
Zinfandel	2007	70	3.0	211	Ton	\$1,205.16	\$3,631	\$254,200
	2006	70	4.4	305	Ton	\$1,182.66	\$5,153	\$360,700
Red Wine	2007	50	3.7	186	Ton	\$1,923.38	\$7,140	\$357,000
	2006	50	6.7	336	Ton	\$529.87	\$3,562	\$178,100
White Wine	2007	12	1.4	16	Ton	\$1,000.00	\$1,409	\$16,200
	2006	16	1.7	27	Ton	\$892.22	\$1,542	\$23,900
Table	2007	161	3.1	506	Ton	\$2,000.00	\$6,278	\$1,012,000
	2006	10	0.8	8	Ton	\$2,629.63	\$2,130	\$21,300
By-Products	2007	40	.1	2	Ton	\$1,050.00	\$53	\$2,100
	2006	577	5.4	3,100	Ton	\$300.00	\$1,612	\$930,000
Grapefruit, Total	2007	160	2.5	398	Ton	\$338.19	\$841	\$134,600
	2006	190	6.5	1,240	Ton	\$251.53	\$1,511	\$287,100
Packed	2007			200	Ton	\$603.00		\$120,600
	2006			629	Ton	\$410.02		\$257,900
Processed	2007			198	Ton	\$70.71		\$14,000
	2006			611	Ton	\$47.79		\$29,200
Lemons, Total	2007	240	.1	21	Ton	\$760.98	\$65	\$15,600
	2006	240	2.1	500	Ton	\$762.60	\$1,589	\$381,300



Fruit and Nut Crops

	Year	Harvested Acreage	Per Acre	Total Yield	Unit	\$ Per Unit	\$ Per Acre	Total \$ Value
Oranges-Navel, Total	2007	1,400	6.1	8,600	Ton	\$418.90	\$2,573	\$3,602,500
	2006	1,525	10.2	15,485	Ton	\$394.80	\$4,009	\$6,113,500
Packed	2007			5,000	Ton	\$687.03		\$3,435,100
	2006			9,760	Ton	\$607.03		\$5,924,600
Processed	2007			3,600	Ton	\$46.50		\$167,400
	2006			5,725	Ton	\$33.00		\$188,900
Oranges-Valencia, Total	2007	775	10.3	8,000	Ton	\$348.33	\$3,596	\$2,786,700
	2006	800	12.5	10,000	Ton	\$361.50	\$4,519	\$3,615,000
Packed	2007			4,000	Ton	\$563.02		\$2,252,100
	2006			5,000	Ton	\$635.00		\$3,175,000
Processed	2007			4,000	Ton	\$133.65		\$534,600
	2006			5,000	Ton	\$88.00		\$440,000
Pistachios	2007	400	.1	31	Ton	\$3,000.00	\$227	\$93,000
	2006	396	.1	38	Ton	\$4,960.00	\$470	\$186,000
Strawberries	2007	91	30.4	2,766	Ton	\$712.00	\$21,642	\$1,969,400
	2006	131	22.3	2,914	Ton	\$1,002.06	\$22,375	\$2,920,000
Miscellaneous	2007	103						\$1,041,600
	2006	124						\$440,000
Total	2007	3,933						\$13,789,400
	2006	4,592						\$18,190,700



Inspecting for Freeze Damage

A.G. Kawamura, Secretary
CA Dept. of Food & Agriculture
and

Scott Zinsmeyer
Agricultural Standards Officer IV

Fruit and Nut Comments: Yield and value of wine grapes is obtained through the Crush Report; harvested grape acreage is reported by growers. Table grapes and grape by-products are also reported by growers. A significant increase in table grapes was noted as growers switched from juicing grapes to selling for the fresh market. The total grape yield declined due to one grower who is in the process of converting 160 acres into a variety of different crops.

Citrus acreage continues to decline due to residential and commercial development in the Redlands/Highland area. The orange, lemon and grapefruit crops were seriously affected this past year due to freezing weather. Pistachio production in the desert continues to suffer from minimal production as most acreage is affected by poor water quality and soil conditions. The market for strawberries was exceptional despite the freeze as flawed strawberries were sold to the processing market, netting a higher price.



Field Crops

	Year	Harvested Acreage	Per Acre	Total Yield	Unit	\$ Per Unit	\$ Per Acre	Total \$ Value
Greenchop, Total	2007	2,711	24	65,639	Ton	\$30.91	\$748	\$2,028,900
	2006	3,625	20	72,085	Ton	\$24.83	\$494	\$1,790,100
Alfalfa	2007	715	50	35,750	Ton	\$34.60	\$1,730	\$1,237,000
	2006	390	50	19,500	Ton	\$34.00	\$1,700	\$663,000
Barley	2007	210	15	3,150	Ton	\$28.00	\$420	\$88,200
	2006	370	13	4,810	Ton	\$23.99	\$312	\$115,400
Oats	2007	615	17	10,455	Ton	\$27.92	\$475	\$291,900
	2006	475	11	5,275	Ton	\$13.00	\$144	\$68,600
Sudan	2007	1,061	15	15,624	Ton	\$24.78	\$365	\$387,200
	2006	1,990	20	40,100	Ton	\$21.12	\$426	\$847,100
Mixed Grain	2007	110	6	660	Ton	\$37.27	\$224	\$24,600
	2006	400	6	2,400	Ton	\$40.00	\$240	\$96,000
Hay, Total	2007	9,725	7	65,175	Ton	\$187.11	\$1,254	\$12,195,200
	2006	9,990	7	66,000	Ton	\$159.26	\$1,052	\$10,511,300
Alfalfa	2007	6,958	8	57,130	Ton	\$186.35	\$1,530	\$10,646,400
	2006	7,860	8	64,400	Ton	\$148.39	\$1,216	\$9,556,600
Barley	2007	1,267	4	4,475	Ton	\$185.01	\$653	\$827,900
	2006	1,650	3	5,300	Ton	\$135.21	\$434	\$716,600
Sudan	2007	890	2	1,560	Ton	\$230.38	\$404	\$359,400
	2006	None Reported						
Misc. Mixed Hay	2007	610	3	2,010	Ton	\$179.85	\$593	\$361,500
	2006	480	3	1,600	Ton	\$148.81	\$496	\$238,100
Pasture	2007	7,600			Acre	\$132.45		\$1,006,600
	2006	7,600			Acre	\$132.45		\$1,006,600
Range	2007	986,310			Acre	\$ 0.14		\$138,300
	2006	986,315			Acre	\$ 0.14		\$138,400
Silage, Total	2007	2,887	14	39,496	Ton	\$48.58	\$665	\$1,918,900
	2006	2,630	16	43,111	Ton	\$48.01	\$787	\$2,069,600
Corn	2007	605	30	18,150	Ton	\$50.00	\$1,500	\$907,500
	2006	830	23	18,998	Ton	\$50.01	\$1,145	\$950,000
Sorghum	2007	1,380	7	9,620	Ton	\$46.62	\$325	\$448,500
	2006	200	17	3,300	Ton	\$46.00	\$759	\$151,800
Wheat	2007	902	13	11,726	Ton	\$48.00	\$624	\$562,800
	2006	1,600	13	20,813	Ton	\$46.50	\$605	\$967,800
Miscellaneous	2007	2,410						\$621,900
	2006	2,650						\$1,140,000
Total	2007	1,011,643						\$17,909,700
	2006	1,012,810						\$16,656,000



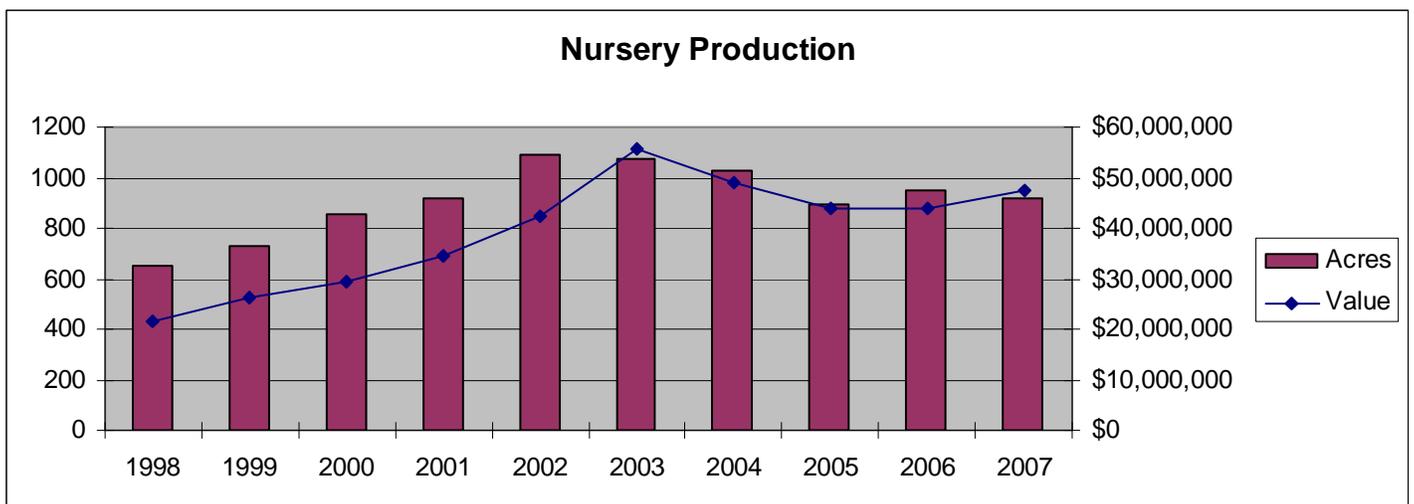
Nursery Products

	Year	Greenhouse Sq. Ft.	Field Acres	Quantity Sold	Unit	\$ Per Unit	\$ Per Acre	Total \$ Value
Bedding Plants	2007	133,000	10	286,200	Flats	\$7.27	\$158,552	\$2,081,000
	2006	203,000	10	366,700	Flats	\$7.76	\$192,698	\$2,846,100
Christmas Trees	2007		107	8,090	Trees	\$69.85	\$5,281	\$565,100
	2006		118	8,780	Trees	\$48.77	\$3,629	\$428,200
Ground Cover	2007		71.3	1,391,300	Flats	\$6.75	\$131,808	\$9,391,300
	2006		72	1,058,100	Flats	\$6.75	\$99,200	\$7,142,400
Indoor Decoratives Including Orchids	2007	540,360		1,350,100	Plants	\$6.62	\$640,860	\$8,934,700
	2006	593,360		1,423,600	Plants	\$6.24	\$636,714	\$8,876,900
Trees & Shrubs Including Roses	2007	12,000	528.1	4,000,000	Plants	\$6.28	\$47,576	\$25,138,400
	2006	12,000	511	3,704,000	Plants	\$6.16	\$43,798	\$22,822,400
Turf	2007		187	115	Acres	\$10,491.45	\$6,461	\$1,208,300
	2006		192	145	Acres	\$11,012.94	\$8,335	\$1,600,400
Cut Flowers/Decoratives	2007		5.4				\$1,296	\$7,000
	2006		8.3				\$1,506	\$12,500
Miscellaneous*	2007		6.5				\$27,692	\$180,000
	2006		6.5				\$10,462	\$68,000
Total	2007	738,360	915.3					\$47,505,800
	2006	808,360	927.6					\$43,769,900

*Miscellaneous 2007: Seeds and Bonsai
2006: Cactus, Succulents, Timber, Bonsai, Seeds, Water Lilies and other Aquatic Plants.

Nursery Comments: Bedding plants decreased in production area resulting in a decrease in sales volume. The total acres for Christmas trees decreased; but the total dollar value increased due to increased value per unit. Ground cover was a successful crop this past year, realizing an increase in production and quantity sold. The price per unit was consistent with last year. Gains in trees and shrubs acreage resulted in an increase of production as well as total sales volume. Miscellaneous values increased substantially due increased production of seeds and Bonsai plants.

Field Crop Comments: Acreage for oats increased and the price per unit rose significantly due to demand. Extreme high temperatures affected the quality and yield of sudan. Acreage for sorghum increased in the desert as fallow land that was not utilized for several years was cultivated. The demand for alfalfa hay was high, yielding a substantial increase in the price per unit.





Livestock and Poultry

	Year	Production	Unit	\$ Per Unit	Total \$ Value	
Milk, Total	2007	19,474,100	cwt.	\$18.18	\$354,069,300	
	2006	21,484,200	cwt.	\$10.74	\$230,747,000	
Market	2007	19,407,000	cwt.	\$18.18	\$352,818,300	
	2006	21,408,400	cwt.	\$10.73	\$229,918,000	
Manufacturing	2007	67,000	cwt.	\$18.66	\$1,250,900	
	2006	65,800	cwt.	\$12.60	\$829,000	
Eggs, Chicken	2007	54,496,300	dozen	\$ 0.78	\$42,688,300	
	2006	54,265,400	dozen	\$ 0.49	\$26,590,100	
	Year	# of Animals	Liveweight	Unit	\$ Per Unit	Total \$ Value
Cattle & Calves, Total	2007	104,100	502,044	cwt.	\$106.32	\$53,379,400
	2006	116,360	565,710	cwt.	\$107.87	\$61,021,500
Beef	2007	37,900	92,530	cwt.	\$138.33	\$12,799,400
	2006	41,700	104,270	cwt.	\$158.01	\$16,475,100
Dairy	2007	29,200	409,514	cwt.	\$44.30	\$18,140,000
	2006	32,960	461,440	cwt.	\$44.20	\$20,396,100
Replacement Heifers	2007	37,000		Head	\$506.49	\$22,440,000
	2006	41,700		Head	\$579.14	\$24,150,000
Hogs & Pigs	2007	10,200	17,856	cwt.	\$23.02	\$411,100
	2006	10,620	21,700	cwt.	\$43.98	\$954,300
Chickens, Total	2007	3,031,700		lb.		\$4,277,300
	2006	3,162,400		lb.		\$4,712,900
Fryers / Roasters	2007	20,100	124,000	ea.	\$ 0.93	\$115,000
	2006	617,200	3,642,000	ea.	\$ 0.46	\$1,658,600
Started Pullets	2007	3,011,500				\$4,162,300
	2006	2,545,200				\$3,054,300
Miscellaneous	2007					\$12,159,500
Livestock & Products*	2006					\$11,492,200
Total Livestock and Livestock Products	2007					\$466,984,800
	2006					\$335,518,000
*Miscellaneous Livestock	2007:	Sheep and Lambs, Spent Hens, Squabs, Ducks, Goats, Goat's Milk, Ostriches, Turkeys, and Ducks.				
	2006:	Sheep and Lambs, Spent Hens, Squabs, Ducks, Goats, Goat's Milk, and Ostriches.				





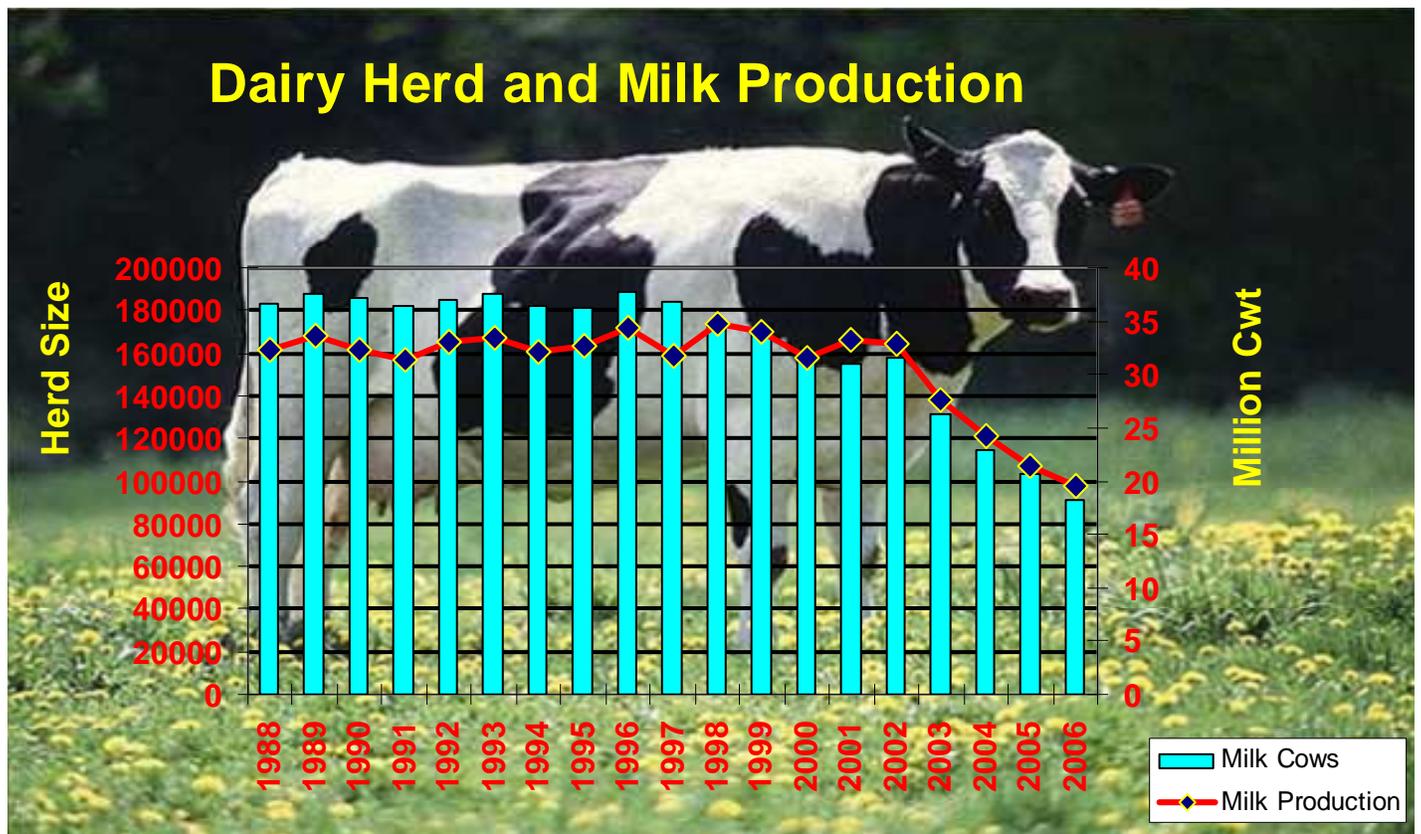
Livestock and Poultry Inventories

	January 1, 2007	January 1, 2008
Cattle & Calves, All	145,900	128,400
BEEF	1,200	0 (None Reported)
MILK COWS	103,000	91,400
CALVES	41,700	37,000
Estimated # of Dairies	121	107
HOGS & PIGS	8,000	1250
POULTRY, ALL	4,333,050	4,342,000
CHICKEN, LAYERS	2,771,000	2,782,000
PULLETS	930,000	930,000
POULTRY, MEAT *	391,750	390,000
Estimated # of Poultry Ranches	33	31

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

* Includes Chicken and Turkeys

Livestock and Poultry Comments: Major ranchers producing fryers and roasters switched to turkeys, resulting in a substantial decrease in production. Milk production continues to decline as dairies relocate out of the county. Despite the decline, the total dollar value increased due to a significant rise in price. Egg production declined because two egg ranches ceased production.





Vegetable Crops

	Year	Harvested Acreage	Per Acre	Total Yield	Unit	\$ Per Unit	\$ Per Acre	Total \$ Value
Beans, Green	2007	24	2.9	69	Ton	\$1,318.84	\$3,872	\$91,000
	2006	18	2.9	51	Ton	\$1,190.66	\$3,438	\$61,200
Beets	2007	13.7	4.2	58	Ton	\$1,189.66	\$5,036	\$69,000
	2006	13.2	5.0	66	Ton	\$1,666.67	\$8,365	\$110,000
Cabbage	2007	11.2	5.9	66	Ton	\$326.28	\$1,929	\$21,600
	2006	11.6	11.4	132	Ton	\$326.28	\$3,724	\$43,200
Corn, Sweet	2007	49.0	4.8	233	Ton	\$639.91	\$3,043	\$149,100
	2006	88.0	2.9	251	Ton	\$429.88	\$1,226	\$107,900
Cucumbers	2007	22.0	11.5	253	Ton	\$505.53	\$5,814	\$127,900
	2006	155.5	5.6	870	Ton	\$421.72	\$2,359	\$366,900
Herbs*	2007	79.2	2.3	178	Ton	\$3,939.46	\$8,879	\$702,800
	2006	56.5	2.0	116	Ton	\$3,961.95	\$8,117	\$458,200
*2006 & 2007 Herbs: Basil, Black Radish, Chives, Cilantro, Mint, Sage, Rosemary, Tarragon, Thyme, Dill, and Oregano.								
Oriental Vegetables	2007	4,162	6.9	28,893	Ton	\$469.59	\$3,448	\$14,347,748
	2006	3,276	10.7	34,962	Ton	\$322.59	\$3,443	\$11,278,500
Bok Choi	2007	2,786	7.3	20,404	Ton	\$401.06	\$2,937	\$8,183,200
	2006	2,318	12.0	27,860	Ton	\$245.30	\$2,948	\$6,834,000
Daikon	2007	117	15.0	1,748	Ton	\$652.81	\$9,795	\$1,141,100
	2006	170	15.0	2,550	Ton	\$640.00	\$9,600	\$1,632,000
Napa	2007	116	15.0	1,740	Ton	\$640.00	\$9,600	\$1,113,600
	2006	141	15.0	2,115	Ton	\$647.99	\$9,720	\$1,370,500
Nira	2007	71	1.1	77	Ton	\$1,332.03	\$1,435	\$101,900
	2006	73	1.1	80	Ton	\$1,504.40	\$1,638	\$119,600
Gailan	2007	386	4.8	1,857	Ton	\$769.11	\$3,699	\$1,427,848
	2006							Listed as misc
Suk Gat	2007	9.5	3.0	29	Ton	\$1,101.75	\$3,305	\$31,400
	2006	17.5	3.0	53	Ton	\$1,120.75	\$3,394	\$59,400
Chinese Cabbage	2007	306	5.6	1,715	Ton	\$714.29	\$4,003	\$1,225,000
	2006	15.5	2.0	31	Ton	\$1,438.71	\$2,877	\$44,600
Miscellaneous Oriental Vegetables**	2007	370.5	3.4	1,254	Ton	\$896.14	\$3,033	\$1,123,738
	2006	525.5	4.3	2,244	Ton	\$525.16	\$2,242	\$1,178,200

****Miscellaneous Oriental Vegetables**

2007 Ching Chen Choy, Gai Choy, Kabacho Squash, Ken Yip, Korean Onions, Korean Squash, Korean Watermelon, Red Mustard, Shell Hon, Snowpeas, Tongha, Vietnamese Celery, Vietnamese Mint, Yermo and Yu Choi.
 2006 Chinese Cabbage, Ching Chen Choy, Gai Choy, Gailan, Kabacho Squash, Vietnamese Mint, Yermo, and Yu Choi.



Vegetable Crops

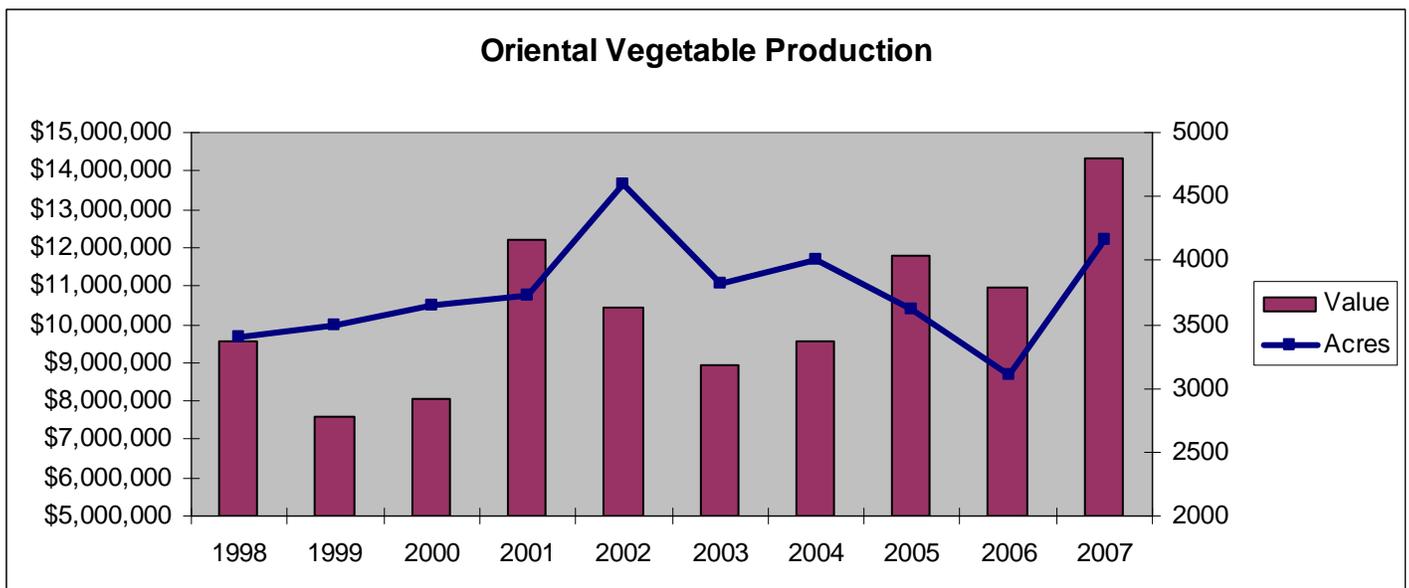
	Year	Harvested Acreage	Per Acre	Total Yield	Unit	\$ Per Unit	\$ Per Acre	Total \$ Value
Pumpkins	2007	50	11.6	581	Ton	\$269.19	\$3,128	\$156,400
	2006	50	12.9	646	Ton	\$194.12	\$2,508	\$125,400
Squash	2007	76	13.8	1,047	Ton	\$661.22	\$9,105	\$692,000
	2006	60	5.3	316	Ton	\$761.62	\$4,015	\$240,900
Tomatillos	2007	30	2.3	70.1	Ton	\$1,600.57	\$3,715	\$112,200
	2006	57	1.4	81	Ton	\$1,611.11	\$2,289	\$130,500
Tomatoes	2007	44.7	2.9	130	Ton	\$953.08	\$2,772	\$123,900
	2006	51	30.2	1,539	Ton	\$453.54	\$13,686	\$698,000
Turnips	2007	3.3	4.7	15.6	Ton	\$900.00	\$4,255	\$14,000
	2006	.2	3.0	.6	Ton	\$2,000.00	\$6,000	\$1,200
Miscellaneous Vegetables ***	2007	596						\$9,369,700
	2006	110						\$7,979,700
Total	2007	4,961						\$25,978,400
	2006	3,950						\$21,625,600

***Miscellaneous Vegetables

2007 Black-eye and Fava Beans, Broccoli, Carrots, Cauliflower, Chard, Collards, Eggplant, Garlic, Green and Dry Onions, Leeks, Lettuce, Melons (Cantaloupe, Citron, Honeydew and Watermelon), Mustard Greens, Bell and Chili Peppers, Radishes, Spinach, Sprouts, and Sweet Potatoes.

2006 Artichokes, Black-eye and Fava Beans, Broccoli, Carrots, Cauliflower, Chard, Collards, Eggplant, Garlic, Green Onions, Leeks, Lettuce, Melons (Cantaloupe, Citron, Honeydew and Watermelon), Mustard Greens, Bell and Chili Peppers, Radishes, Spinach, Sprouts, and Sweet Potatoes.

Vegetable Crop Comments: Harvested acreage in sweet corn decreased. The total dollar value rose due primarily to the large increase in the price per unit. The acreage for herbs increased. The total dollar value decreased due to a significant drop in the price per unit. Oriental vegetables is a growing market with acreage being converted to these crops.



Pest Prevention, Detection and Eradication

Several programs and activities of the Department promote the sustainability of California's agricultural industry by preventing, reducing or eliminating the effects of foreign or invasive pests and diseases. The Department also certifies shipments of goods destined to other areas free from prohibited pests and diseases.

Pest Prevention

Inspection Type	Premise Visits	Shipments Inspected	Rejections
Post Office	245	4,911	2
United Parcel	874	7,539	118
Federal Express	928	18,814	184
Express Carriers	261	2,380	59
Air Freight	472	412	22
Railroad	2	0	0
Gypsy Moth	70	125	2
Truck	897	1,158	2
Other	73	90	0
Quarantined Facilities	<u>36</u>	<u>25</u>	<u>0</u>
TOTAL	3,858	37,778	389



Japanese Beetle Trap

Pest Detection

Trap Type	Lure Method	Number*	Servicings
Gypsy Moth	Pheromone	662	3,308
Jackson Mediterranean Fruit Fly	Pheromone	1,183	29,720
Jackson Oriental Fruit Fly	Pheromone	1,187	29,436
Jackson Melon Fruit Fly	Pheromone	1,187	29,381
McPhail	Feeding Attractant	1,183	47,430
Japanese Beetle	Pheromone	639	3,358
Khapra Beetle	Feeding Attractant	173	198
Light Brown Apple Moth	Pheromone	<u>1,189</u>	<u>19,611</u>
TOTAL		7,403	162,442

* This is the maximum number of traps in service during 2007

Pest Eradication

In the County there are over 300 sites with a gross acreage in excess of 3000 acres where noxious weeds are being controlled to prevent their spread. These weeds are generally very invasive and displace native vegetation. Because of their limited distribution and low density, biological control measures used elsewhere in the state are not suitable for use in San Bernardino County. Invasive plants are treated with herbicides or dug up.

Species	Common Name	Rating	Net Acres Treated
Cardaria draba	White Top	B	1.02
Carduus nutans	Musk Thistle	A	0.50
Centaurea diffusa	Diffuse Knapweed	A	0.10
Centaurea maculosa	Spotted Knapweed	A	5.10
Centaurea solstitialis	Yellow Star Thistle	C	0.80
Cynara cardunculus	Artichoke Thistle	B	4.50
Halogeton glomeratus	Halogeton	A	11.50
Linaria genistifolia dalmatica	Dalmatian Toadflax	A	0.01
Lythrum salicaria	Purple Loosestrife	B	0.0001
Peganum harmala	Harmel	A	0.04
Solanum elaeagnifolium	White Horsenettle	B	<u>9.24</u>
Total			32.8101

The Department manufactures rodent baits and re-sells commercial rodent baits to assist property owners in controlling rodents and other vertebrate pests that are damaging property and crops. In 2007, the department sold 56,028 pounds of bait. Property owners having problems with raccoons, skunks, opossums and other animals can borrow live traps. Public Health/Animal Control contracts with a pest control firm to control coyote, feral dogs, bears and other animals too large or too difficult for the average property owner to trap.

Pests Intercepted

Common Name	Scientific Name	Rating	Number
Japanese Beetle	<i>Popillia japonica</i>	A	43 (Airport interceptions)
Lesser Snow Scale	<i>Pinnaaspis strachani</i>	A	1
Magnolia White Scale	<i>Pseudaulacaspis cockerelli</i>	A	2
Mealybug	<i>Maconellicoccus hirsutus</i>	A	1
Musk Thistle	<i>Carduus nutans</i>	A	1
Oriental Fruit Fly	<i>Bactrocera dorsalis</i>	A	1
Red Wax Scale	<i>Ceroplastes rubens</i>	A	1
White Peach Scale	<i>Pseudaulacaspis pentagona</i>	A	3
California Red Scale	<i>Aonidella aurantii</i>	B	4
Chaff Scale	<i>Parlatoria pergandii</i>	B	2
Pickleworm	<i>Diaphania nitidalis</i>	B	2
Purple Scale	<i>Lepidosaphes beckii</i>	B	2
Ant	<i>Anoplolepis gracilipes</i>	Q	2
Ant	<i>Pheidole sp.</i>	Q	4
Ant	<i>Technomyrmex albipes</i>	Q	42
Anthurium Whitefly	<i>Aleurotulus anthuricola</i>	Q	4
Bigheaded Ant	<i>Pheidole megacephala</i>	Q	8
Leafhopper	<i>Gyponana sp.</i>	Q	2
Mango Shield Scale	<i>Milviscutulus mangiferae</i>	Q	4
Mealybug	<i>Delottococcus sp.</i>	Q	2
Mealybug	<i>Nipaecoccus sp.</i>	Q	5
Mealybug	<i>Planococcus sp.</i>	Q	4
Mealybug	<i>Pseudococcus oermatti</i>	Q	3
Planthopper	<i>Kallitaxila granulata</i>	Q	2
Scarab Beetle	<i>Anomala sp.</i>	Q	4
Spiraling Whitefly	<i>Aleurodicus disperses</i>	Q	2
Weevil	<i>Orchidophilus sp.</i>	Q	2
Whitefly	<i>Aleyrodes sp.</i>	Q	2



Japanese Beetle



Scarab Beetle

In addition to the pests listed above, 81 different species rated as “C” pests were detected 145 times. “D” rated species were submitted for identification 43 times and 24 different species were reported.

Pest ratings are established by the California Department of Food and Agriculture and are defined as follows:

“A” - An organism of known economic importance subject to state (or commissioner when acting as a state agent) enforced action involving: eradication, quarantine, containment, rejection or other holding action.

“B” - An organism of known economic importance subject to: eradication, containment, control or other holding action at the discretion of the individual County Agricultural Commissioner. It is also an organism of known economic importance subject to state endorsed holding action and eradication only when found in a nursery.

“C” - An organism not subject to state enforced action outside of nurseries except to retard spread at the discretion of the commissioner. It is also an organism not subject to state enforced action except to provide for pest cleanliness in nurseries.

“D” - No action. (Parasites, predators and organisms of little or no economic importance).

“Q” - An organism or disorder requiring temporary “A” action pending determination of a permanent rating. The organism is suspected to be of economic importance but its status is uncertain because of incomplete identification or inadequate information. In the case of an established infestation, at the discretion of the Assistant Director for Plant Industry, the Department will conduct surveys and will convene the Division Pest Study Team to determine a permanent rating.

COUNTY REGION	FRUIT & NUTS		VEGETABLES		FIELD CROPS	
	ACRES	VALUE	ACRES	VALUE	ACRES	VALUE
Central	-	-	-	-	-	-
East End	2,765	\$ 9,836,500	1,450	\$ 4,602,400	18,800	\$ 2,700
North Desert	841	\$ 1,115,900	60	\$ 394,600	936,731	\$ 11,748,500
South Desert	103	\$ 235,400	60	\$ 170,000	42,150	\$ 1,758,800
West End North	20	\$ 142,800	-	-	-	-
West End South	174	\$ 2,314,700	3,392	\$ 20,811,400	13,952	\$ 4,399,500
TOTAL	3,933	\$ 13,789,400	4,961	\$ 25,978,400	1,011,643	\$ 17,909,500

COUNTY REGION	NURSERY AND MISCELLANEOUS		LIVESTOCK AND POULTRY		TOTAL VALUE	
	ACRES	VALUE	VALUE	ACRES	VALUE	
Central	143	\$ 7,502,700	\$ 24,155,700	173	\$ 31,802,700	
East End	251	\$ 5,529,000	\$ 11,637,900	23,265	\$ 31,608,500	
North Desert	175	\$ 809,000	\$ 37,685,600	937,807	\$ 51,753,600	
South Desert	17	\$ 2,239,400	\$ 13,458,700	42,330	\$ 17,862,300	
West End North	-	-	\$ 457,700	20	\$ 600,500	
West End South	347	\$ 31,425,700	\$ 379,589,200	17,864	\$ 438,540,600	
TOTAL	932	\$ 47,505,800	\$ 466,984,800	1,021,459	\$572,168,200	

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 including all of the San Bernardino Mountains west of Highway 62.

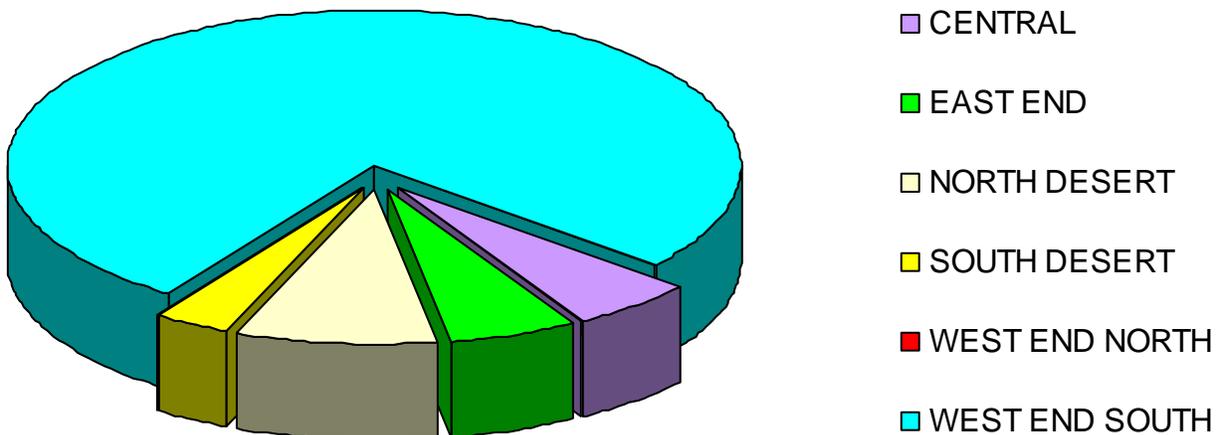
North Desert = The area north of Victorville, including the area east along Highway 40 and National Trails Highway.

South Desert = The communities of Adelanto, Apple Valley, Victorville, Hesperia, Lucerne Valley, Yucca Valley, 29 Palms, Joshua Tree and the surrounding area.

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

West End South = The area south of Mission Boulevard including Chino Hills and parts of Chino and Ontario.

Production By Area



Department of Agriculture / Weights and Measures Personnel

Agricultural Commissioner / Sealer of Weights and Measures

John Gardner

Assistant Agricultural Commissioner / Sealer

Roberta Willhite

Deputy Agricultural Commissioner / Sealer

Angela Godwin

Jim Mitchell

Grif Thomas

Supervising Agricultural / Standards Officer

George Dearmin

Allen Lampman

Emilio Lopez

Steve Mackenzie

Mark Tully

Agricultural / Standards Officer

Steve Bayless

Russell Bice

David Chonka

Cordell Clark

Michael Cochran

Sandy Cleland

Denise Crowley

Theresa Doyle

Jim Duncan

Zia Fazel

Fred Grindle

Gena Hasson

Bill Herr

Arnold Johnson

George Kolbe

Shannon Lehrter

Misael Martinez

Robert Martus

Steve Matthys

Mickey McDonald

Larry Montoya

Ed Pearson

Brad Sanford

John Sarmiento

Tom Stevenson

Keri Vigil

Maria Zarate

Scott Zinsmeyer

Pesticide Applicator

Shane Campbell

Jim Chambers

Terry Noe

Paul Sharpe

Agricultural Field Aide I and II

Robert Abbey

Chris Allen

Ismael Almanza (II)

Chris Banta

Armando Cruz

Wendy Eastwood

Ruth Flores (II)

Joe Graves

Tonya Hoogerwerf

Humphrey Kiuruwi

Carrie Mackenzie

Sherry Miller

Cassie Nelson

Bill Rahn

Greg Rodriguez

Pilar Rodriguez (PSE)

Deirdre Shore (PSE)

Adam Silva

Joseph Stewart

Clerical Staff

Tonná Cole, Executive Secretary

Anna Grammenos, Fiscal Assistant

Maria Ramirez, Office Assistant III

Dellana Smith, Office Assistant III

Kathy White, Office Assistant II

Mary Yeager, Office Assistant III

Canine Pest Exclusion Specialist

“CC”



