



# Field Crops

	Year	Acres Harvested	Per Acre	Total Yield	Unit	\$ Per Unit	\$ Per Acre	Total \$ Value
<b>Greenchop, Total</b>	<b>2005</b>	<b>2,572</b>		<b>53,653</b>	<b>Ton</b>			<b>1,490,000</b>
	2004	2,110		44,740	Ton			1,104,600
<b>Alfalfa</b>	<b>2005</b>	<b>461</b>	<b>40</b>	<b>18,440</b>	<b>Ton</b>	<b>34.00</b>	<b>1,360</b>	<b>627,000</b>
	2004	400	40	15,800	Ton	30.00	1,185	474,000
<b>Barley</b>	<b>2005</b>	<b>60</b>	<b>15</b>	<b>900</b>	<b>Ton</b>	<b>23.00</b>	<b>345</b>	<b>20,700</b>
	2004	40	16	630	Ton	23.02	363	14,500
<b>Oats</b>	<b>2005</b>	<b>1,095</b>	<b>18</b>	<b>19,710</b>	<b>Ton</b>	<b>23.00</b>	<b>414</b>	<b>453,300</b>
	2004	1,260	18	22,770	Ton	23.00	416	523,700
<b>Sudan</b>	<b>2005</b>	<b>926</b>	<b>15</b>	<b>14,063</b>	<b>Ton</b>	<b>26.78</b>	<b>407</b>	<b>376,600</b>
	2004	300	15	4,380	Ton	18.26	267	80,000
<b>Mixed Grain</b>	<b>2005</b>	<b>30</b>	<b>18</b>	<b>540</b>	<b>Ton</b>	<b>22.96</b>	<b>413</b>	<b>12,400</b>
	2004	110	11	1,160	Ton	10.69	113	12,400
<b>Hay, Total</b>	<b>2005</b>	<b>11,405</b>		<b>89,235</b>	<b>Ton</b>		<b>1,189</b>	<b>13,564,100</b>
	2004	14,170		97,790	Ton		881	12,480,600
<b>Alfalfa</b>	<b>2005</b>	<b>10,170</b>	<b>8</b>	<b>85,695</b>	<b>Ton</b>	<b>152.17</b>	<b>1,282</b>	<b>13,040,600</b>
	2004	10,970	8	87,200	Ton	127.36	1,012	11,106,000
<b>Sudan</b>	<b>2005</b>	<b>180</b>	<b>4</b>	<b>750</b>	<b>Ton</b>	<b>150.00</b>	<b>625</b>	<b>112,500</b>
	2004	180	3	490	Ton	88.98	242	43,600
<b>Misc. Mixed Hay</b>	<b>2005</b>	<b>1,055</b>	<b>3</b>	<b>2,790</b>	<b>Ton</b>	<b>147.31</b>	<b>390</b>	<b>411,000</b>
	2004	3,020	3	10,100	Ton	131.78	441	1,331,000
<b>Pasture</b>	<b>2005</b>	<b>7,600</b>			<b>Acre</b>	<b>145.21</b>		<b>1,103,600</b>
	2004	7,600			Acre	110.00		836,000
<b>Range</b>	<b>2005</b>	<b>1,220,230</b>			<b>Acre</b>	<b>0.26</b>		<b>319,000</b>
	2004	1,619,620			Acre	0.12		192,700
<b>Cropland Forage</b>	<b>2005</b>	<b>1,000</b>			<b>Acre</b>	<b>1.00</b>		<b>1,000</b>
	2004	2,000			Acre	10.00		20,000
<b>Silage, Total</b>	<b>2005</b>	<b>1,771</b>		<b>36,403</b>	<b>Ton</b>			<b>1,790,200</b>
	2004	1,230		25,800	Ton			1,015,100
<b>Corn</b>	<b>2005</b>	<b>751</b>	<b>28</b>	<b>21,103</b>	<b>Ton</b>	<b>51.16</b>	<b>1,438</b>	<b>1,079,600</b>
	2004	480	30	14,550	Ton	40.00	1,213	582,000
<b>Sorghum</b>	<b>2005</b>	<b>240</b>	<b>15</b>	<b>3,600</b>	<b>Ton</b>	<b>46.00</b>	<b>690</b>	<b>165,600</b>
	2004	380	15	5,700	Ton	38.00	570	216,600
<b>Wheat</b>	<b>2005</b>	<b>780</b>	<b>15</b>	<b>11,700</b>	<b>Ton</b>	<b>46.58</b>	<b>699</b>	<b>545,000</b>
	2004	370	15	5,550	Ton	39.01	585	216,500
<b>Miscellaneous</b>	<b>2005</b>	<b>4,635</b>						<b>2,380,500</b>
	2004	2,160						1,436,900
<b>Total</b>	<b>2005</b>	<b>1,249,213</b>						<b>\$ 20,648,400</b>
	2004	1,648,890						\$ 17,085,900

Miscellaneous 2005: Barley hay, Cotton, Alfalfa silage, Sudan silage and Triticale silage  
 Miscellaneous 2004: Cotton, Alfalfa and Triticale silage

Field Crop Comments: High hay prices statewide resulted in increased interest in alternative feeds such as greenchop and silage for the dairy industry. Pasture and range value are based on the price of hay so these commodities increased in value. Desert range also benefited from lots of rain, resulting in some of the best carrying capacity in years. The availability of good quality rangeland forage impacted cropland forage typically used by sheepherders.

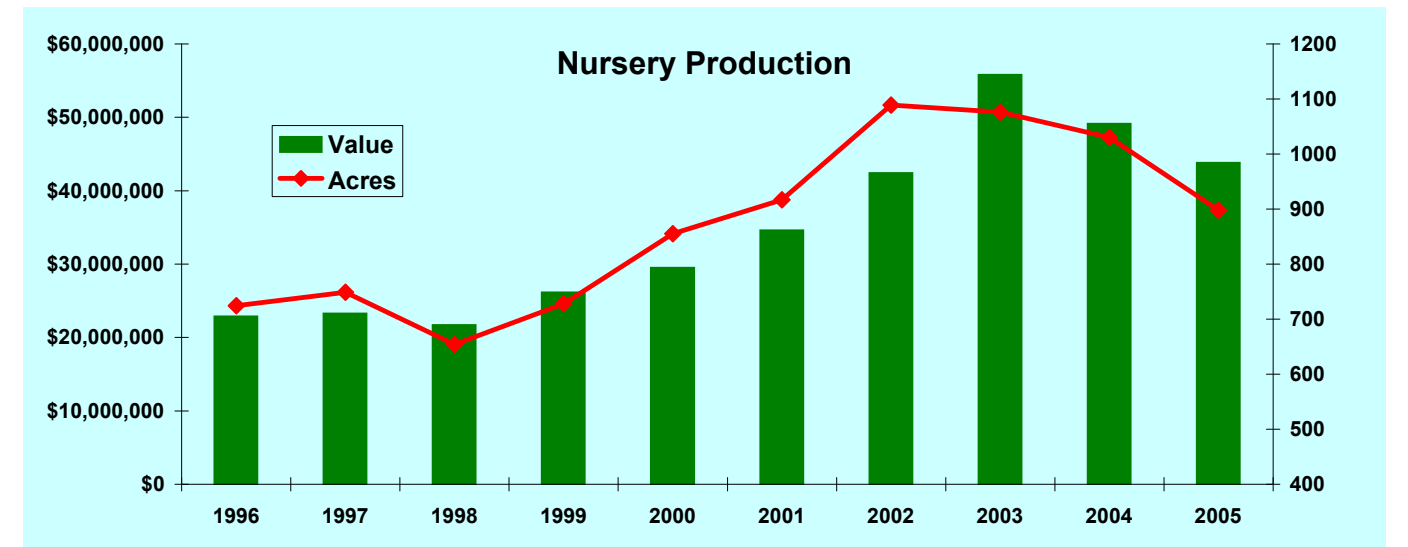


# Nursery Products

	Year	Greenhouse Sq.Ft.	Field Acres	Quantity Sold	Unit	\$ Per Unit	\$ Per Acre	Total \$ Value
<b>Bedding Plants</b>	<b>2005</b>	<b>195,400</b>	<b>10</b>	<b>222,400</b>	<b>Flats</b>	<b>8.76</b>	<b>133,526</b>	<b>1,948,300</b>
	2004	195,400	13	168,900	Flats	8.64	82,973	1,459,600
<b>Christmas Trees</b>	<b>2005</b>		<b>125</b>	<b>9,425</b>	<b>Trees</b>	<b>44.15</b>	<b>3,329</b>	<b>416,100</b>
	2004		142	11,135	Trees	39.48	3,096	439,600
<b>Ground Cover</b>	<b>2005</b>		<b>71.3</b>	<b>1,109,100</b>	<b>Flats</b>	<b>6.75</b>	<b>105,074</b>	<b>7,486,500</b>
	2004		70.3	1,344,400	Flats	6.00	114,827	8,066,600
<b>Indoor Decoratives Including Orchids</b>	<b>2005</b>	<b>456,860</b>		<b>1,482,400</b>	<b>Plants</b>	<b>5.24</b>	<b>723,677</b>	<b>7,768,300</b>
	2004	676,530		2,002,300	Plants	6.74	849,162	13,498,200
<b>Trees &amp; Shrubs Including roses</b>	<b>2005</b>	<b>12,000</b>	<b>511.0</b>	<b>3,756,800</b>	<b>Plants</b>	<b>6.58</b>	<b>48,331</b>	<b>24,710,800</b>
	2004	12,000	568.0	18,436,600	Plants	1.34	43,436	24,684,100
<b>Turf</b>	<b>2005</b>		<b>152</b>	<b>142</b>	<b>Acres</b>	<b>9,738.22</b>	<b>9,080</b>	<b>1,380,100</b>
	2004		202	59	Acres	10,923.86	3,196	645,600
<b>Cut Flowers/Decoratives</b>	<b>2005</b>		<b>10.9</b>				<b>1,899</b>	<b>20,700</b>
	2004		10.4				3,904	40,600
<b>Miscellaneous</b>	<b>2005</b>		<b>2.8</b>				<b>38,582</b>	<b>106,100</b>
	2004		3.8				87,227	327,100
<b>Total</b>	<b>2005</b>	<b>664,260</b>	<b>882.9</b>					<b>\$ 43,836,900</b>
	2004	883,930	1,009.4					\$ 49,161,400

Miscellaneous 2004 & 2005: Cactus & Succulents(2005), Fruit Trees (2004), Herbs (2004), Timber, Bonsai, Water Lilies, and other Aquatic Plants.

**Nursery Comments:** The nursery industry is experiencing some pullback from the rapid increase experienced during 2001- and competition from outside the area has hurt sales. One very large producer of indoor decoratives growers returned to selling larger but fewer plants.





## Livestock and Poultry

	Year	Production	Unit	\$ Per Unit	Total \$ Value
<b>Milk, Total</b>	<b>2005</b>	<b>24,191,300</b>	<b>cwt.</b>	<b>14.17</b>	<b>342,897,100</b>
	2004	27,647,600	cwt.	14.91	412,202,000
<b>Market</b>	<b>2005</b>	<b>23,954,800</b>	<b>cwt.</b>	<b>14.17</b>	<b>339,399,000</b>
	2004	27,421,800	cwt.	14.91	408,770,000
<b>Manufacturing</b>	<b>2005</b>	<b>236,500</b>	<b>cwt.</b>	<b>14.79</b>	<b>3,498,100</b>
	2004	225,800	cwt.	15.20	3,432,000
<b>Eggs, Chicken</b>	<b>2005</b>	<b>72,280,000</b>	<b>dozen</b>	<b>0.43</b>	<b>31,080,400</b>
	2004	73,392,000	dozen	0.59	43,509,000
<b>Honey</b>	<b>2005</b>		<b>See Miscellaneous</b>		
	2004	<b>293,200</b>	lb.	1.18	346,600
<b>Beeswax</b>	<b>2005</b>		<b>See Miscellaneous</b>		
	2004		<b>See Miscellaneous</b>		
<b>Pollination Service</b>	<b>2005</b>		<b>See Miscellaneous</b>		
	2004	9,400	Colonies	50.29	472,700

### Livestock

	Year	# of Animals	Liveweight	Unit	\$ Per Unit	Total \$ Value
<b>Cattle &amp; Calves, Total</b>	<b>2005</b>	<b>130,000</b>	<b>631,620</b>	<b>cwt.</b>	<b>114.74</b>	<b>72,471,800</b>
	2004	168,270	826,620	cwt.	123.71	102,263,400
<b>Beef</b>	<b>2005</b>	<b>46,600</b>	<b>116,420</b>	<b>cwt.</b>	<b>165.00</b>	<b>19,209,800</b>
	2004	61,000	163,580	cwt.	183.66	30,043,300
<b>Dairy</b>	<b>2005</b>	<b>36,800</b>	<b>515,200</b>	<b>cwt.</b>	<b>48.20</b>	<b>24,833,000</b>
	2004	47,360	663,040	cwt.	47.20	31,295,100
<b>Replacement Heifers</b>	<b>2005</b>	<b>46,600</b>		<b>Head</b>	<b>610.06</b>	<b>28,429,000</b>
	2004	59,910		Head	672.59	40,295,000
<b>Hogs &amp; Pigs</b>	<b>2005</b>	<b>5,655</b>	<b>10,774</b>	<b>cwt.</b>	<b>35.22</b>	<b>379,400</b>
	2004	5,620	10,700	cwt.	35.05	375,000
<b>Chickens, Total</b>	<b>2005</b>	<b>2,930,800</b>				<b>5,167,800</b>
	2004	4,490,400				8,467,200
<b>Fryers/Roasters</b>	<b>2005</b>	<b>1,060,300</b>	<b>6,825,000</b>	<b>lb.</b>	<b>0.43</b>	<b>2,923,200</b>
	2004	2,010,400	13,000,000	lb.	0.37	4,867,200
<b>Started Pullets</b>	<b>2005</b>	<b>1,870,500</b>		<b>ea.</b>		<b>2,244,600</b>
	2004	2,480,000		ea.		3,600,000
<b>Miscellaneous Livestock &amp; Products</b>	<b>2005</b>					<b>5,523,300</b>
	2004					10,253,600
<b>Total Livestock and Livestock Products</b>	<b>2005</b>					<b>\$ 457,519,800</b>
	2004					\$ 577,889,500

Miscellaneous Livestock 2005: Sheep and Lambs, Spent Hens, Squabs, Ducks, Goats, Goat's Milk, Honey, Pollination Services, Beeswax, and Fish

Miscellaneous Livestock 2004: Spent Hens, Ducks, Beeswax, and Fish



## Fruit and Nut Crops

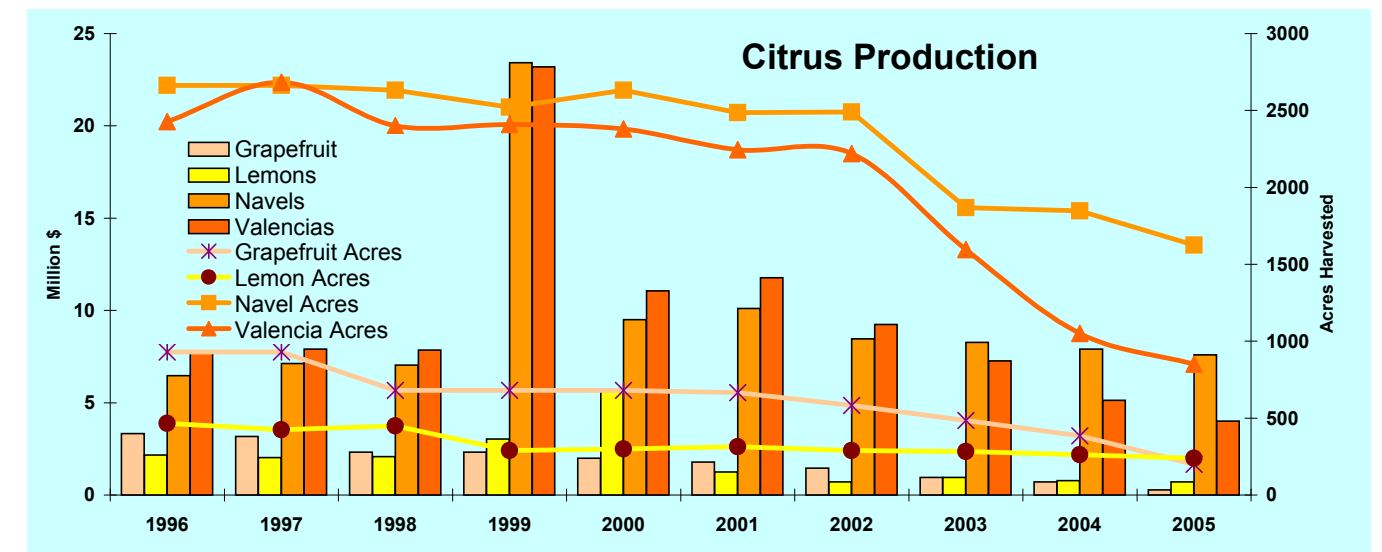
	Year	Harvested Acreage	Per Acre	Total Yield	Unit	\$ Per Unit	\$ Per Acre	Total \$ Value
<b>Oranges-Valencia, Total</b>	<b>2005</b>	<b>850</b>	<b>13.0</b>	<b>11,050</b>	<b>Ton</b>	<b>362.55</b>	<b>4,713</b>	<b>4,006,200</b>
	2004	1,050	13.5	14,174	Ton	362.49	4,893	5,138,000
<b>Packed</b>	<b>2005</b>			<b>5,525</b>	<b>Ton</b>	<b>635.00</b>		<b>3,508,400</b>
	2004			7,087	Ton	634.99		4,500,200
<b>Processed</b>	<b>2005</b>			<b>5,525</b>	<b>Ton</b>	<b>90.10</b>		<b>497,800</b>
	2004			7,087	Ton	90.00		637,800
<b>Pistachios</b>	<b>2005</b>	<b>396</b>	<b>0.2</b>	<b>60</b>	<b>Ton</b>	<b>4,383.33</b>	<b>664</b>	<b>263,000</b>
	2004	386	0.2	82	Ton	4,536.59	964	372,000
<b>Strawberries</b>	<b>2005</b>	<b>152</b>	<b>18.7</b>	<b>2,833</b>	<b>Ton</b>	<b>890.54</b>	<b>16,653</b>	<b>2,522,900</b>
	2004	163	22.1	3,599	Ton	929.26	20,518	3,344,400
<b>Miscellaneous</b>	<b>2005</b>			<b>113</b>				<b>372,400</b>
	2004			116				279,400
<b>TOTAL</b>	<b>2005</b>	<b>4,906</b>						<b>\$ 21,006,600</b>
	2004	5,572						\$ 24,496,200

Miscellaneous 2004 & 2005:

Apricots, Bangkok Guavas, Cherries, Chestnuts (2005), Freestone Peaches, Jujubes, Kiwis (2005), Lemons processed, Mulberries (2004), Persimmons, Pears, and Raspberries.



**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. Citrus acreage continues to decline as residential and commercial development in the Redlands/Highland area accelerates. Ample rainfall increased wine grape tonnage as these vines are usually not irrigated. Pistachio growers continue to support large plantings of poorly producing trees in the desert. Yields are impacted by water quality and availability, pests and climate. Apple yields were reduced by rainfall during the bloom



The 1999 value is abnormally high due to freezing weather in nearly all other citrus producing areas of the state.



## Fruit and Nut Crops

	Year	Harvested Acreage	Per Acre	Total Yield	Unit	\$ Per Unit	\$ Per Acre	Total \$ Value
<b>Apples, Total</b>	<b>2005</b>	<b>272</b>	<b>3.2</b>	<b>875</b>	<b>Ton</b>	<b>2,201.60</b>	<b>7,078</b>	<b>1,925,300</b>
	2004	300	4.1	1,225	Ton	2,020.41	8,250	2,475,000
<b>Packed</b>	<b>2005</b>			<b>463</b>	<b>Ton</b>	<b>2,951.35</b>		<b>1,365,000</b>
	2004			825	Ton	2,345.45		1,935,000
<b>Processed</b>	<b>2005</b>			<b>412</b>	<b>Ton</b>	<b>1,359.95</b>		<b>560,300</b>
	2004			400	Ton	1,350.00		540,000
<b>Avocados*</b>	<b>2005</b>	<b>210</b>	<b>4.6</b>	<b>966</b>	<b>Ton</b>	<b>1,280.12</b>	<b>5,889</b>	<b>1,236,600</b>
	2004	213	4.2	895	Ton	1,600.00	6,723	1,432,000
<b>Grapes, Total</b>	<b>2005</b>	<b>849</b>	<b>5.2</b>	<b>4,453</b>	<b>Ton</b>	<b>471.75</b>	<b>2,476</b>	<b>2,100,500</b>
	2004	850	5.3	4,492	Ton	461.93	2,442	2,074,900
<b>Zinfandel</b>	<b>2005</b>	<b>75</b>	<b>10.7</b>	<b>803</b>	<b>Ton</b>	<b>1,140.25</b>		<b>915,600</b>
	2004	75	4.3	320	Ton	899.56		287,500
<b>Red Wine</b>	<b>2005</b>	<b>45</b>	<b>6.0</b>	<b>268</b>	<b>Ton</b>	<b>751.37</b>		<b>201,600</b>
	2004	50	5.3	264	Ton	480.11		126,700
<b>White Wine</b>	<b>2005</b>	<b>22</b>	<b>3.4</b>	<b>74</b>	<b>Ton</b>	<b>654.82</b>		<b>48,500</b>
	2004	22	2.0	43	Ton	697.46		30,200
<b>Table</b>	<b>2005</b>	<b>130</b>	<b>1.3</b>	<b>166</b>	<b>Ton</b>	<b>1,846.99</b>		<b>306,600</b>
	2004	265	1.8	487	Ton	1,960.78		954,900
<b>By-products</b>	<b>2005</b>	<b>577</b>	<b>5.4</b>	<b>3,141</b>	<b>Ton</b>	<b>199.99</b>		<b>628,200</b>
	2004	438	7.7	3,378	Ton	200.00		675,600
<b>Grapefruit, Total</b>	<b>2005</b>	<b>200</b>	<b>6.0</b>	<b>1,200</b>	<b>Ton</b>	<b>224.00</b>	<b>1,344</b>	<b>268,800</b>
	2004	384	7.8	3,000	Ton	235.00	1,836	705,000
<b>Packed</b>	<b>2005</b>			<b>600</b>	<b>Ton</b>	<b>400.00</b>		<b>240,000</b>
	2004			1,500	Ton	425.00		637,500
<b>Processed</b>	<b>2005</b>			<b>600</b>	<b>Ton</b>	<b>48.00</b>		<b>28,800</b>
	2004			1,500	Ton	45.00		67,500
<b>Lemons, Total</b>	<b>2005</b>	<b>240</b>	<b>4.0</b>	<b>955</b>	<b>Ton</b>	<b>747.64</b>	<b>2,975</b>	<b>714,000</b>
	2004	263	4.1	1,080	Ton	719.75	2,954	777,000
<b>Packed</b>	<b>2005</b>			<b>955</b>	<b>Ton</b>	<b>747.64</b>		<b>714,000</b>
	2004			1,080	Ton	719.75		777,000
<b>Processed</b>	<b>2005</b>			<b>See Miscellaneous</b>				
	2004			<b>See Miscellaneous</b>				
<b>Oranges-Navel, Total</b>	<b>2005</b>	<b>1,625</b>	<b>11.0</b>	<b>17,875</b>	<b>Ton</b>	<b>425.00</b>	<b>4,675</b>	<b>7,596,900</b>
	2004	1,848	10.2	18,880	Ton	418.35	4,274	7,898,500
<b>Packed</b>	<b>2005</b>			<b>12,188</b>	<b>Ton</b>	<b>607.00</b>		<b>7,397,800</b>
	2004			12,880	Ton	596.00		7,676,500
<b>Processed</b>	<b>2005</b>			<b>5,688</b>	<b>Ton</b>	<b>35.01</b>		<b>199,100</b>
	2004			6,000	Ton	37.00		222,000

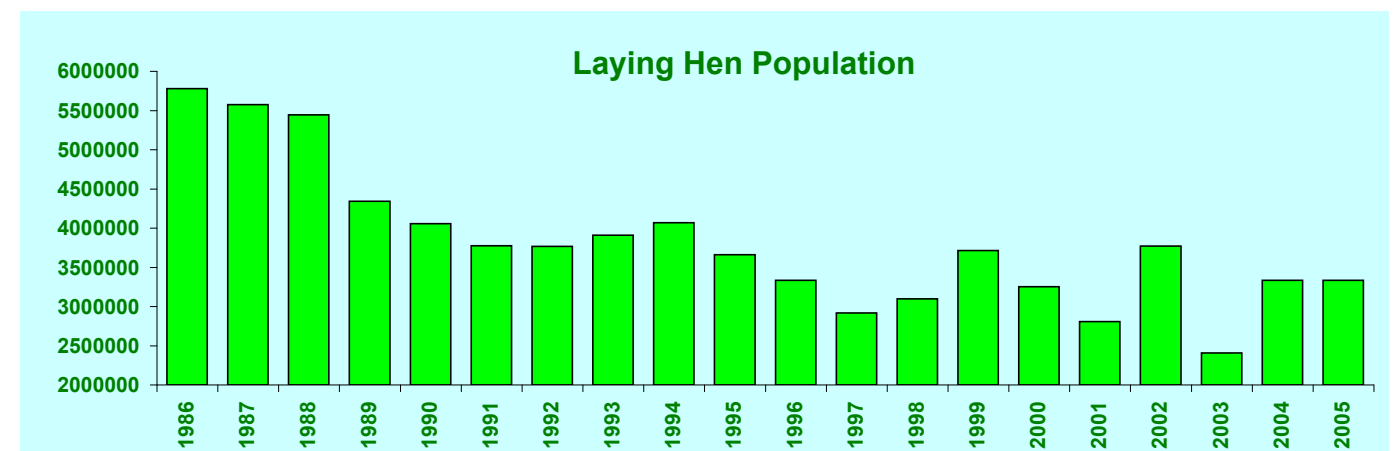
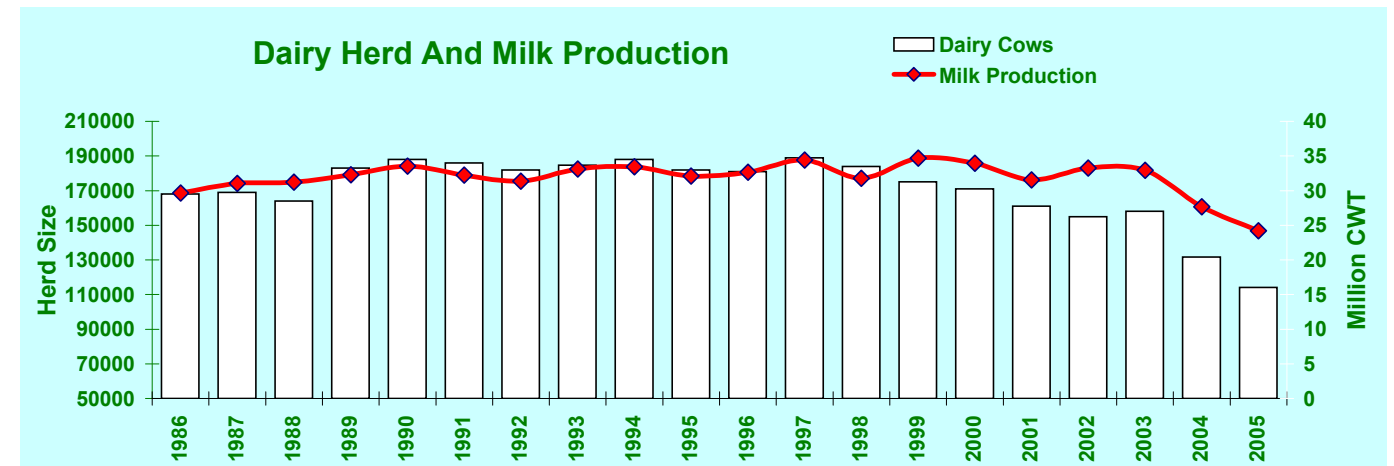


## LIVESTOCK AND POULTRY INVENTORIES

	January 1, 2005	January 1, 2006
<b>CATTLE &amp; CALVES, ALL</b>	149,500	115,700
<b>BEEF</b>	1,500	1,500
<b>MILK COWS*</b>	131,700 R	114,200 R
<b>CALVES</b>	-	-
<b>Estimated # Of Dairies</b>	154 R	136 R
<b>HOGS &amp; PIGS</b>	8,000	8,000
<b>POULTRY, ALL</b>	4,996,850	4,710,850
<b>CHICKEN, LAYERS</b>	3,336,000	3,336,000
<b>PULLETS</b>	969,500	683,500
<b>CHICKEN, MEAT</b>	391,750	391,750
<b>DUCKS</b>	299,300	299,300
<b>OSTRICHES</b>	300	300
<b>Estimated # of Poultry Ranches</b>	36	35

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

**Livestock and Poultry Comments:** Milk production dropped 12.5% from the previous year as dairies continue to close. Egg prices fell for the second consecutive year, dropping 27%. Goat meat and milk were reported for the first time in many years reflecting the growing demand for these products. Few beekeepers responded to requests for information leading to a decline in reported honey production.





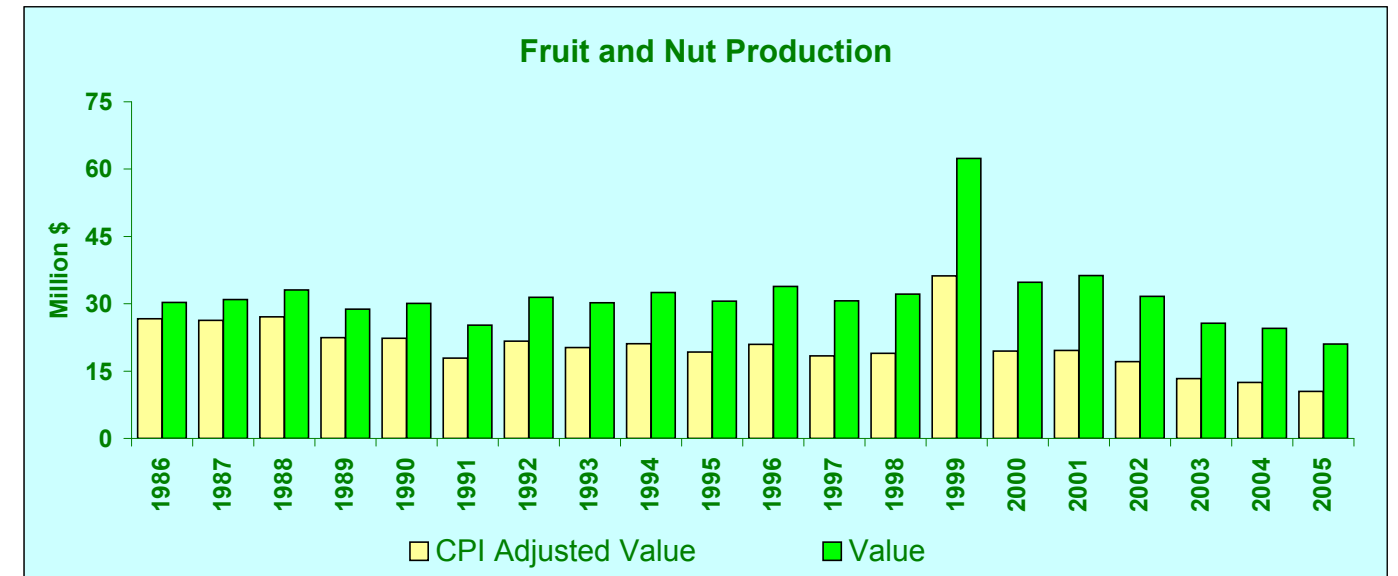
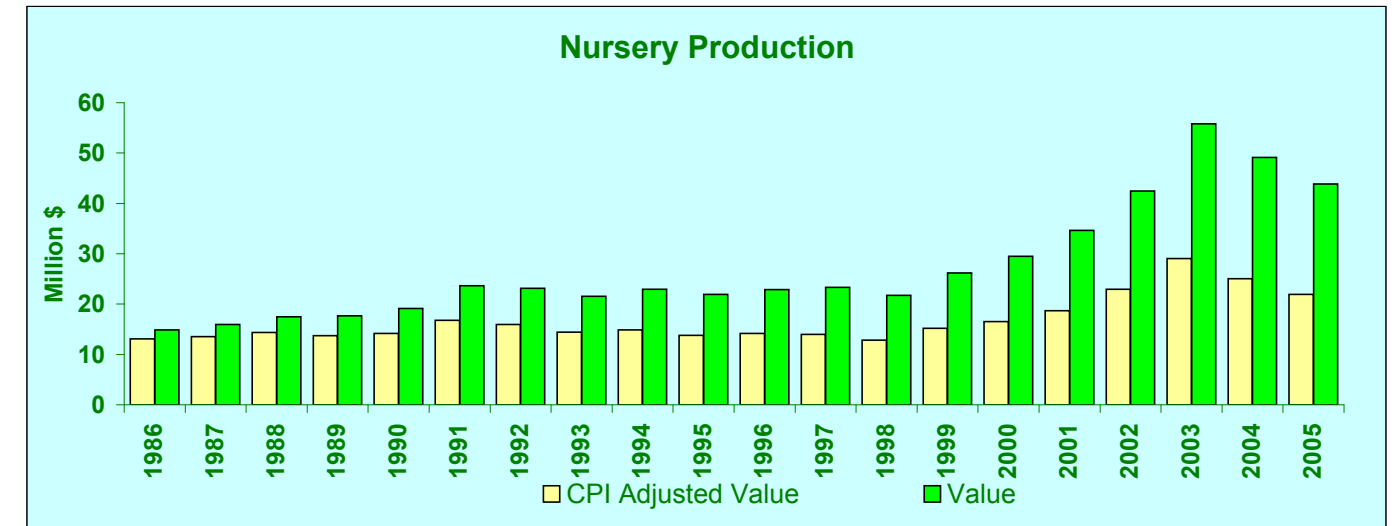
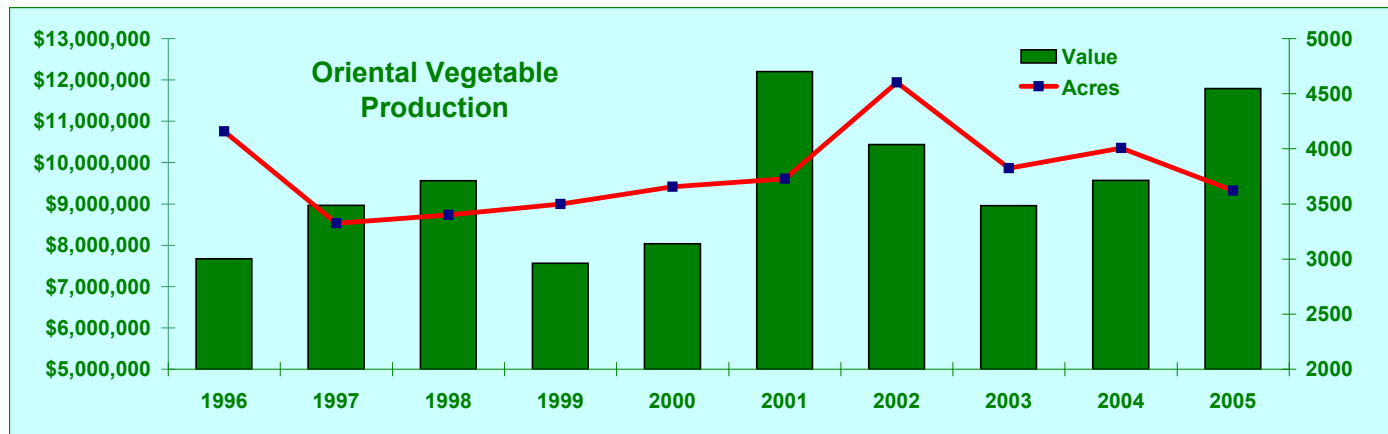
# Vegetable Crops

	Year	Acres Harvested	Per Acre	Total Yield	Unit	\$ Per Unit	\$ Per Acre	Total \$ Value
<b>Beans, Green</b>	2005	10	5.4	55	Ton	948.68	5,147	52,500
	2004	80	6.0	480	Ton	600.00	3,600	288,000
<b>Beets</b>	2005	7.0	4.6	32.3	Ton	604.65	2,806	19,500
	2004	15.7	5.0	79.0	Ton	1,000.00	5,032	79,000
<b>Cabbage</b>	2005	36.7	19.7	725	Ton	320.61	6,330	232,300
	2004	2.2	26.0	57	Ton	279.72	7,273	16,000
<b>Corn,Sweet</b>	2005	75.1	5.0	376	Ton	360.11	1,803	135,400
	2004	34.2	5.2	178	Ton	360.11	1,874	64,100
<b>Cucumbers</b>	2005	187.5	10.0	1,866.0	Ton	361.47	3,597	674,500
	2004	35.1	4.4	155.0	Ton	483.23	2,134	74,900
<b>Herbs</b>	2005	62.8	1.6	100.6	Ton	3,322.07	5,322	334,200
	2004	80.5	1.8	142	Ton	2,916.26	5,148	414,400

Because the number of growers of herbs has declined, all varieties of herbs are now listed as a single entry.

2004 & 2005 Herbs: Arugula (2004); Basil; Black Radish; Chives; Cilantro; Dill; Mint; Oregano; Rosemary; Sage; Tarragon (2005) and Thyme.

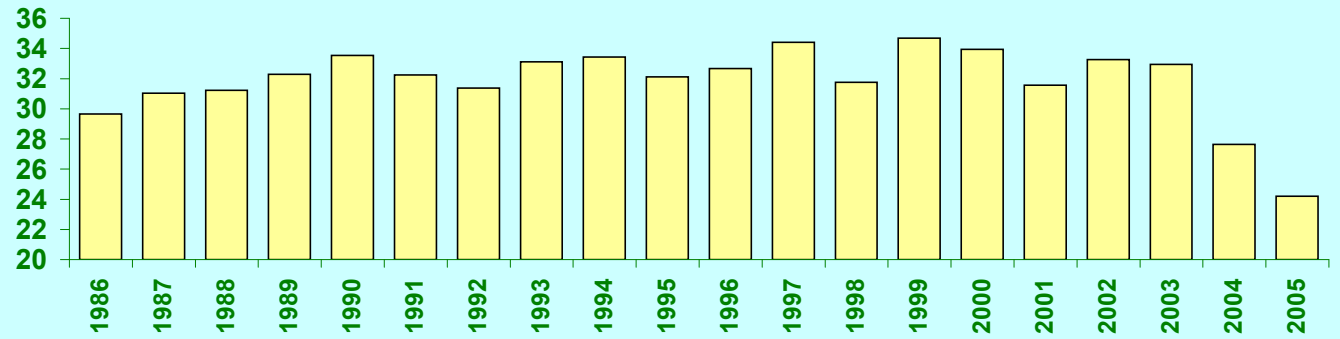
<b>Onions,Dry</b>	2005	4.6	2.9	13	Ton	2,082.09	6,065	27,900
	2004	5.8	10.4	60	Ton	428.57	4,448	25,800
<b>Oriental Vegetables</b>	2005	3,620	10.3	37,373	Ton	315.61	3,258	11,795,100
	2004	4,006	4.9	19,750	Ton	484.55	2,389	9,570,000
<b>Bok Choi</b>	2005	2,317	12.2	28,289	Ton	241.08	2,943	6,819,900
	2004	2,928	5.6	16,410	Ton	386.33	2,165	6,339,600
<b>Daikon</b>	2005	223	15.0	3,350	Ton	559.99	8,400	1,875,700
	2004	182	11.7	2,132	Ton	297.09	3,480	633,400
<b>Napa</b>	2005	172	15.0	2,573	Ton	560.00	8,400	1,440,600
	2004	221	3.5	774	Ton	1,600.00	5,604	1,238,400
<b>Nira</b>	2005	71.0	1.1	77	Ton	1,477.92	1,603	113,800
	2004	81.3	0.9	77	Ton	1,541.56	1,460	118,700
<b>Ken Yip</b>	2005	8.0	2.0	16	Ton	2,381.25	4,763	38,100
	2004	5.0	2.0	10	Ton	2,000.00	4,000	20,000
<b>Suk Gat</b>	2005	32.1	3.0	97	Ton	1,040.21	3,143	100,900
	2004	32.5	3.0	98	Ton	1,200.00	3,600	117,000



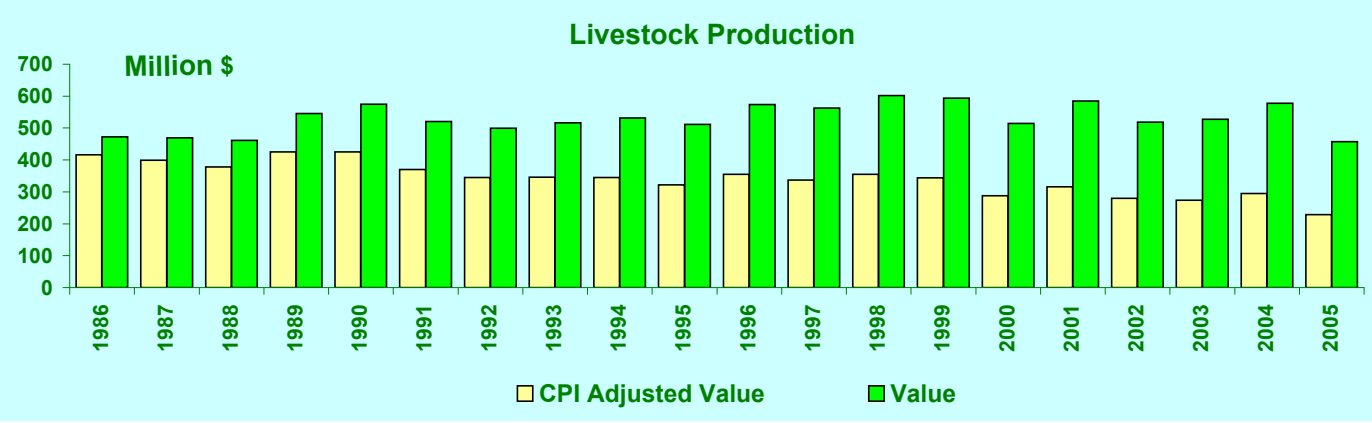
Consumer Price Index adjustment factors are obtained from the U.S. Bureau of Labor Statistics. The year 1982 has been selected as the base year for all information in these charts. By adjusting the production value for inflation, a truer picture of the agricultural production impact on the economy of San Bernardino County can be seen. However, farm gate prices for agricultural commodities are historically less impacted by inflation than other commodities. Farm gate prices are more influenced by supply since demand is relatively constant, whereas other non-agricultural commodities have variable supply and demand conditions. In addition, with the exception of widespread weather effects, farm commodity supply typically exceeds demand creating downward pressure on farm gate prices.

Entries marked with an "R" have been revised.

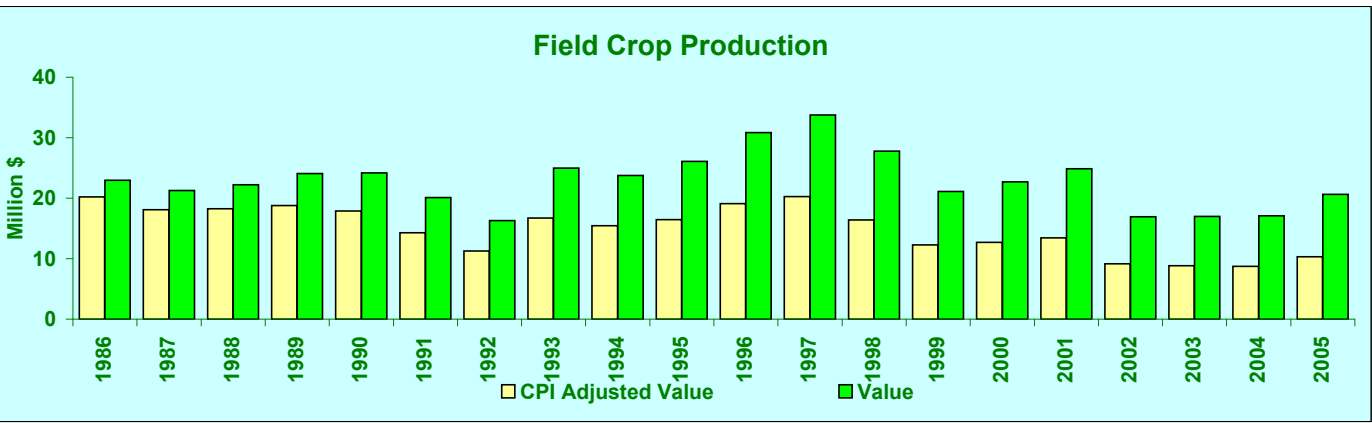




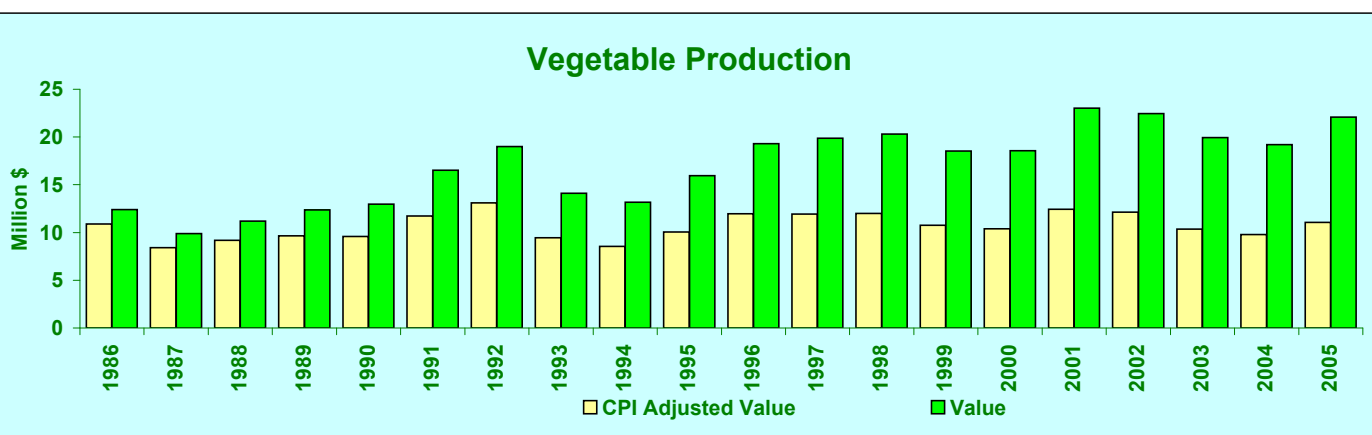
Annual Milk Production Million of CWT.



Legend: CPI Adjusted Value, Value



Legend: CPI Adjusted Value, Value



Legend: CPI Adjusted Value, Value



# Vegetable Crops

	Year	Acres Harvested	Per Acre	Total Yield	Unit	\$ Per Unit	\$ Per Acre	Total \$ Value
<b>Korean Onions</b>	2005	28.5	2.0	57	Ton	1,040.35	2,081	59,300
	2004	13.1	2.0	26	Ton	1,200.00	2,382	31,200
<b>Korean Melons</b>	2005			<b>None Reported</b>				
	2004	20.0	0.6	11	Ton	1,200.00	660	13,200
<b>Korean Squash</b>	2005	13	2.0	26	Ton	800.00	1600	20,800
	2004	19.3	2.5	48.3	Ton	799.17	2000	38,600
<b>Miscellaneous Oriental Vegetables**</b>	2005	756.0	3.8	2,889	Ton	459.06	1754	1,326,000
	2004	503.4	0.3	164	Ton	6,201.89	2026	1,019,900
<b>**2004 &amp; 2005</b> Bitter Melon; Ching Chen Choy (2005); Gai Choy (2005); Gailon; Korean Cucumbers (2005) Korean Peppers; Minari; Cabbage (2005); Red Mustard; Shungiku; Snowpeas; Vietnamese Celery (2005); Vietnamese Mint; and Yermo (2005).								
<b>Peppers, Chili</b>	2005	<b>See Miscellaneous</b>						
	2004	<b>See Miscellaneous</b>						
<b>Pumpkins</b>	2005	55	15.5	850	Ton	181.18	2,800	154,000
	2004	30	12	360	Ton	222.22	2,667	80,000
<b>Squash</b>	2005	61.3	8.3	510	Ton	530.51	4,418	270,800
	2004	63.9	12.8	820	Ton	400.72	5,140	328,450
<b>Tomatillos</b>	2005	58	2.8	165.2	Ton	1,516.95	4,313	250,600
	2004	60	1.5	90.1	Ton	1,400.67	2,096	126,200
<b>Tomatoes</b>	2005	54.0	21.7	1,173	Ton	483.46	10,502	567,100
	2004	59.4	12.2	723	Ton	525.81	6,396	379,900
<b>Turnips</b>	2005	5.6	3.0	16.8	Ton	1,666.67	5,000	28,000
	2004	6.1	2.0	12.0	Ton	666.67	1,311	8,000
<b>Watermelon</b>	2005	<b>See Miscellaneous</b>						
	2004	<b>See Miscellaneous</b>						
<b>Miscellaneous Vegetables***</b>	2005	105						7,547,400
	2004	167						7,740,850
<b>Total</b>	2005	4343						\$ 22,089,300
	2004	4,646						\$ 19,195,600

**\*\*\*Miscellaneous Vegetables** 2005 Beans, black-eye and fava; Broccoli; Brussel Sprouts; Cactus; Carrots; Cauliflower; Chard; Collards; Eggplant; Garlic; Green Onions; Kohlrabi; Leeks; Lettuce; Melons, cantaloupe, citron, honeydew and watermelon; Mustard Greens; Peppers, bell and chili; Radish; Spinach; Sprouts; and Sweet Potatoes.

**\*\*\*Miscellaneous Vegetables** 2004 Artichokes; Beans, black-eye and fava; Broccoli; Cactus; Collards; Leeks; Lettuce; Melons, cantaloupe, citron, honeydew and watermelon; Mushrooms; Mustard greens; Peppers, chili; Potatoes; Radish; Spinach; Sprouts; and Sweet potatoes.

**Vegetable Crop Comments:** Vegetable growers experience good weather throughout the year and prices were strong for most commodities. Some growers only harvested when the prices were high resulting in decreased tonnage per acre. Specialty crops continue to dominate the production in the County with Oriental vegetables, herbs sprouts and mushrooms comprising nearly 89% of the total value of production. Tomatillo growers planted cautiously because of the pest problems they had last year but were better able to manage the pests this year so yields rose. Growers of Napa hit the market at the right time and harvested baby Napa resulting in very high prices received.

## 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 as free from prohibited pests and diseases destined to other areas.

Inspection Type	Pest Prevention		
	Premise Visits	Shipments Inspected	Rejections
Post Office	263	3,102	
United Parcel	877	3,653	
Federal Express	863	22,993	20
Air Freight	540	862	9
Railroad	10	10	
Gypsy Moth	114	122	
Truck	673	1,295	14
Other	97	119	1
Quarantine Facilities & Markets	30		
<b>TOTAL</b>	<b>3,467</b>	<b>32,156</b>	<b>44</b>

Trap Type	Pest Detection Method	Number*	Servicings
Gypsy Moth	Pheromone	659	3,826
Jackson Mediterranean Fruit Fly	Pheromone	1,132	28,956
Jackson Oriental fruit Fly	Pheromone	1,136	29,117
Jackson Melon Fruit Fly	Pheromone	1,138	29,119
McPhail	Feeding Attractant	1,162	49,322
Japanese Beetle	Pheromone	639	3,806
Khapra Beetle	Feeding Attractant	179	246
<b>Total</b>		<b>6,045</b>	<b>144,392</b>

\* This is the maximum number of traps in service during 2005

The Department also placed feeding attractant traps on 25 sites where Red Imported Fire Ants were suspected. A total of 115 treatments were made for this pest in 2005. Red Imported Fire Ant is not wide-spread in the County.

### 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. Plants are treated with herbicides or dug up.

Species	Common Name	Rating	Net Acres Treated
<i>Cardaria draba</i>	White Top	B	1.6
<i>Centaurea diffusa</i>	Diffuse Knapweed	A	0.5
<i>Centaurea maculosa</i>	Spotted Knapweed	A	0.1
<i>Centaurea solstitialis</i>	Yellow Star Thistle	C	8.65
<i>Cynara cardunculus</i>	Artichoke Thistle	B	2.25
<i>Halogeton glomeratus</i>	Halogeton	A	40.87
<i>Linaria genistifolia dalmatica</i>	Dalmatian Toadflax	A	0.2
<i>Peganum harmala</i>	Harmel	A	0.81
<i>Solanum elaeagnifolium</i>	White Horsenettle	B	12.27
	<b>Total</b>		<b>67.25</b>

The department manufactures rodent baits and resells commercial rodent baits to assist property owners in controlling rodents and other vertebrate pests that are damaging property and crops. In 2005, the department sold 65,797 pounds of bait. Property owners having problems with raccoons, skunks, opossums and other animals can borrow live traps. Public Health -Animal Control removes the animals trapped by property owners. In addition, 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.

## Summary Comparison

Commodity Group	2004 Acreage	2004 \$ Value	2005 Acreage	2005 \$ Value
Field Crops	1,648,890	17,085,900	1,249,213	20,648,400
Vegetable Crops	4,646	19,195,600	4,343	22,089,300
Fruit & Nut Crops	5,572	24,496,200	4,906	21,006,600
Livestock & Poultry		577,889,500		457,519,800
Nursery Products	1,030	49,161,400	898	43,836,900
<b>TOTAL</b>	<b>1,660,138</b>	<b>687,828,600</b>	<b>1,259,360</b>	<b>565,101,000</b>

## 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.

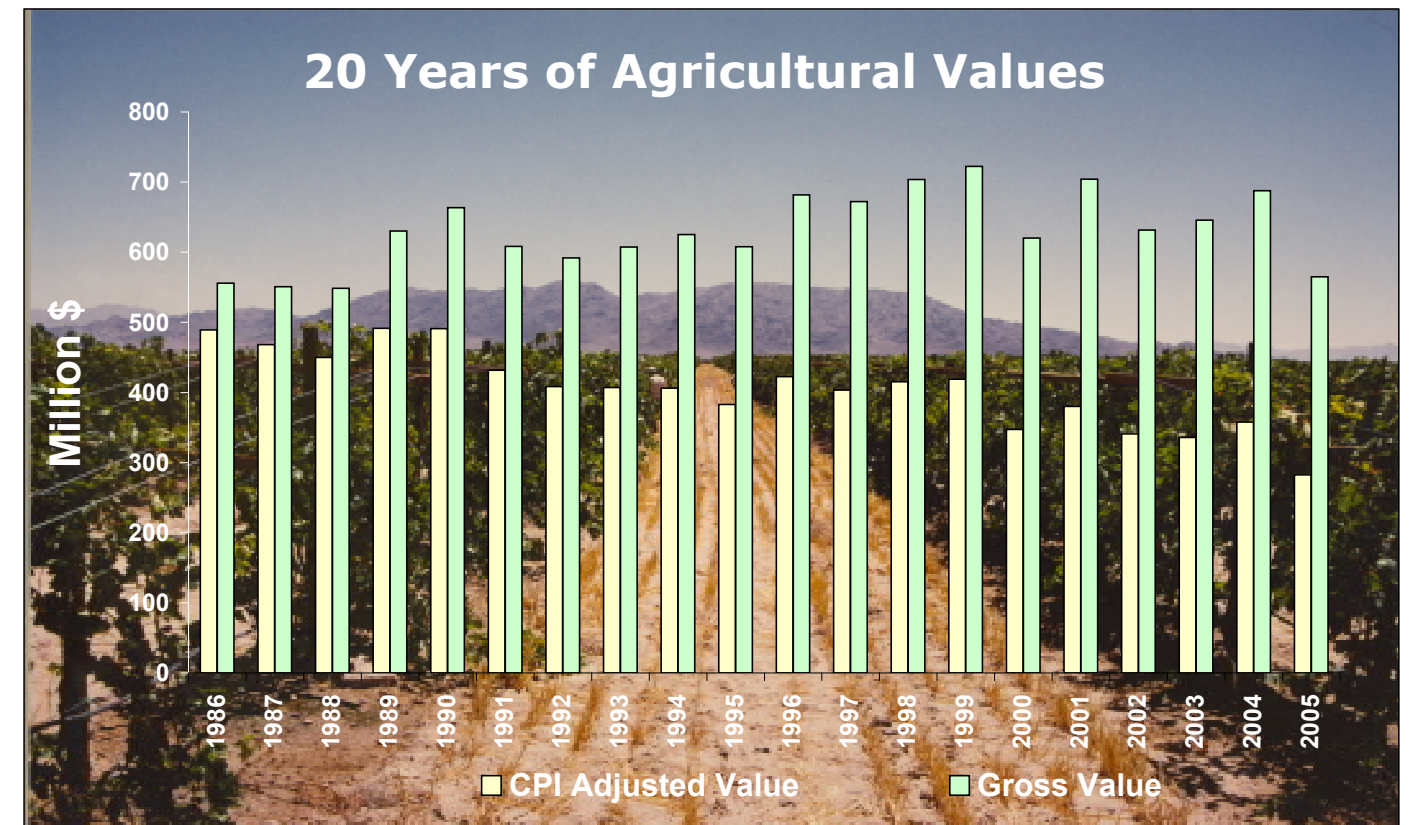
**Calves:** Young cows between 200 to 300 pounds, sold to ranchers to "feed" up to a size suitable for slaughter.

**Beef:** Cattle raised for meat and by products. Most 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.

**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.



# SUMMARY AND NOTES

The total value of agricultural production decreased by \$122.7 million from the previous year primarily as a result of reductions in dairies and related agricultural production. In order to maintain milk production, dairy cows are impregnated. The male calves go for beef production and the females usually become replacements for older dairy cows. When the dairy cow is no longer as productive, they are culled from the herd and sold for meat. Despite the diminished dairy industry, milk continues to dominate agriculture in the County with 60.7% of the value of all production. Poultry production decreased slightly as rate of egg-laying dropped. Egg prices fell significantly to unprofitable levels.

Nursery production decreased in volume as growers returned to marketing larger plants and fewer acres were used. Harvest of turf increased as water restrictions in Las Vegas eased and residential development increased. Development is also impacting all of the other commodity categories especially in the west end south and east end areas of the valley. These areas are defined towards the end of this report.

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.

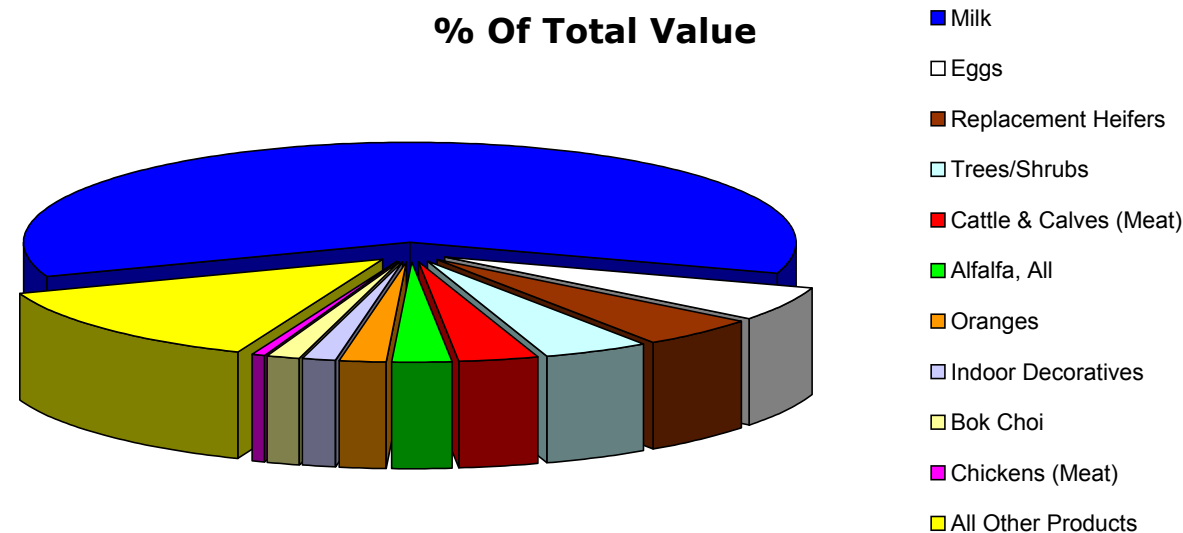
Reported prices for commodities are F.O.B. from the shipping point or packing house or the equivalent price at the first delivery point. All data is for gross production, and prices are the average received. Commodities produced by fewer than three growers have been placed in the miscellaneous category 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 be possible.

## Top Ten Products

2005 Rank	Product	Value	% of Total	2004 Rank
1	Milk	\$ 342,897,100	60.7%	1
2	Eggs	\$ 31,080,400	5.5%	2
3	Replacement Heifers	\$ 28,429,000	5.0%	3
4	Trees/Shrubs	\$ 24,710,800	4.4%	5
5	Cattle & Calves (Meat)	\$ 19,209,800	3.4%	4
6	Alfalfa, All	\$ 13,667,600	2.4%	8
7	Oranges	\$ 11,603,100	2.1%	7
8	Indoor Decoratives	\$ 7,768,300	1.4%	6
9	Bok Choi	\$ 6,819,900	1.2%	9
10	Chickens (Meat)	\$ 2,923,200	0.5%	10
	All Other Products	\$ 75,991,800		
	Total Top Ten	\$ 489,109,200	86.6%	

\* Oranges includes both navel and valencia oranges.

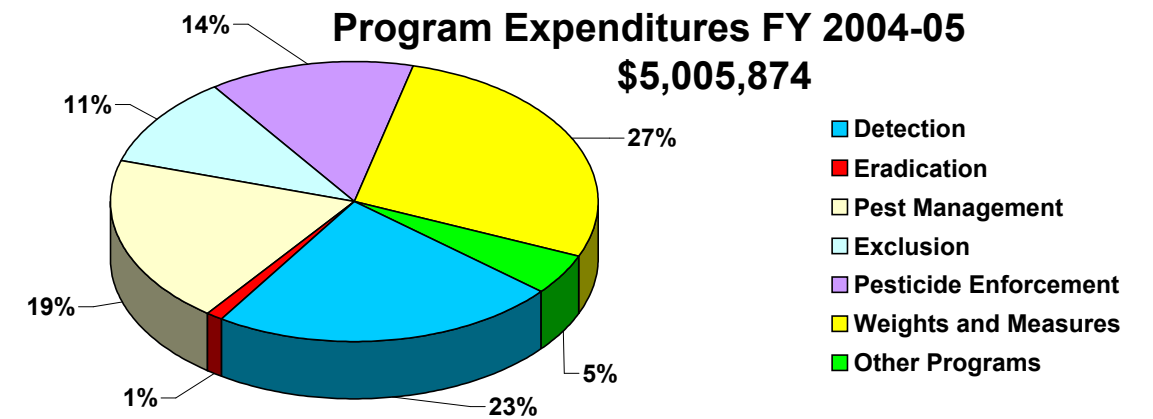
## % Of Total Value



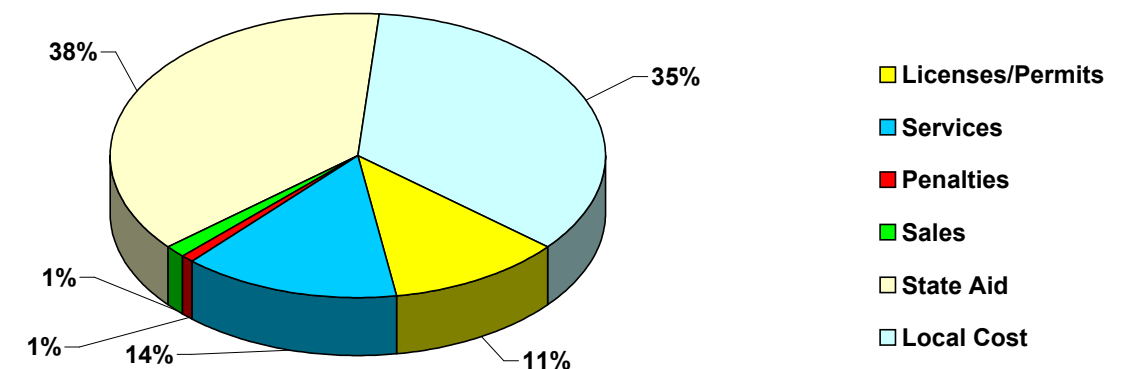
## Pests Detected

Common Name	Scientific name	Rating	Number	Comments
Oriental Fruit Fly	Bactrocera dorsalis	A	1	
Olive Fruit Fly	Bactrocera oleae	A	3	
Spotted Knapweed	Centaurea maculosa	A	1	
Mediterranean Fruit Fly	Ceratitis capitata	A	26	Locally quarantined and being eradicated.
Black Thread Scale	Ischnaspis longirostris	A	1	
Japanese Beetle	Popillia japonica	A	31	Airport interceptions
Palm Whitefly	Aleurocerus palmae	Q	1	
Lygaeid Bug	Heterogaster sp.	Q	1	
Katydid	Orchelimum sp.	Q	1	
Big-headed Ant	Pheidole megacephala	Q	1	
Jointed Goatgrass	Aegilops cylindrica	B	1	
California Red Scale	Aonidiella aurantii	B	1	
Glassy-winged Sharpshooter	Homalodisca coagulata	B	1	
Perennial Peppergrass	Lepidium latifolium	B	1	
Phorid Fly	Megaselia seticauda	B	1	
Powdery Mildew	Oidium sp.	B	2	
Bark Beetle	Scolytus schevyrevi	B	1	

In addition to the pests listed above, 47 different species rated as "C" pests were detected 65 times. "D" rated species were submitted for identification 31 times and 21 different species were reported.



## Funding Sources FY 2004-05 \$5,005,874



**DEPARTMENT OF AGRICULTURE/  
WEIGHTS AND MEASURES**

CELEBRATING 125 YEARS OF PUBLIC SERVICE 1881 TO 2006

COUNTY OF SAN BERNARDINO  
PUBLIC AND SUPPORT SERVICES GROUP



EDOUARD P. LAYAYE  
Agricultural Commissioner/Sealer  
JOHN G. GARDNER  
Assistant Agricultural Commissioner/Sealer

SECRETARY OF FOOD AND AGRICULTURE  
STATE OF CALIFORNIA

HONORABLE MEMBERS OF THE BOARD OF SUPERVISORS  
SAN BERNARDINO COUNTY

COUNTY REGION	FRUIT & NUTS		VEGETABLES		FIELD CROPS	
	ACRES	VALUE	ACRES	VALUE	ACRES	VALUE
CENTRAL						
EAST END	3,154	\$ 15,006,000	842	\$ 1,465,200	-	\$ -
NORTH DESERT	1,345	\$ 1,889,300	78	\$ 458,800	1,230,486	\$ 15,492,800
SOUTH DESERT	96	\$ 252,700	72	\$ 128,200	4,675	\$ 877,600
WEST END NORTH	75	\$ 704,600	-	\$ -	-	\$ -
WEST END SOUTH	202	\$ 2,807,500	3,347	\$ 20,017,100	14,022	\$ 4,277,400
<b>TOTAL</b>	<b>4,906</b>	<b>\$ 21,006,600</b>	<b>4,343</b>	<b>\$ 22,089,300</b>	<b>1,249,213</b>	<b>\$ 20,648,400</b>

COUNTY REGION	NURSERY AND MISCELLANEOUS		LIVESTOCK AND POULTRY	TOTAL VALUE	
	ACRES	VALUE	VALUE	ACRES	VALUE
CENTRAL	146	\$ 8,453,200	14,272,800	<b>185</b>	<b>\$ 23,093,100</b>
EAST END	261	\$ 5,035,500	13,341,700	<b>4,256</b>	<b>\$ 34,848,400</b>
NORTH DESERT	144	\$ 1,613,300	33,812,226	<b>1,232,053</b>	<b>\$ 53,266,426</b>
SOUTH DESERT	4	\$ 926,100	8,609,718	<b>4,847</b>	<b>\$ 10,794,318</b>
WEST END NORTH	22	\$ 2,709,400	279,900	<b>97</b>	<b>\$ 3,693,900</b>
WEST END SOUTH	321	\$ 25,099,400	387,203,456	<b>17,892</b>	<b>\$ 439,404,856</b>
<b>TOTAL</b>	<b>898</b>	<b>\$ 43,836,900</b>	<b>457,519,800</b>	<b>1,259,330</b>	<b>\$ 565,101,000</b>

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.

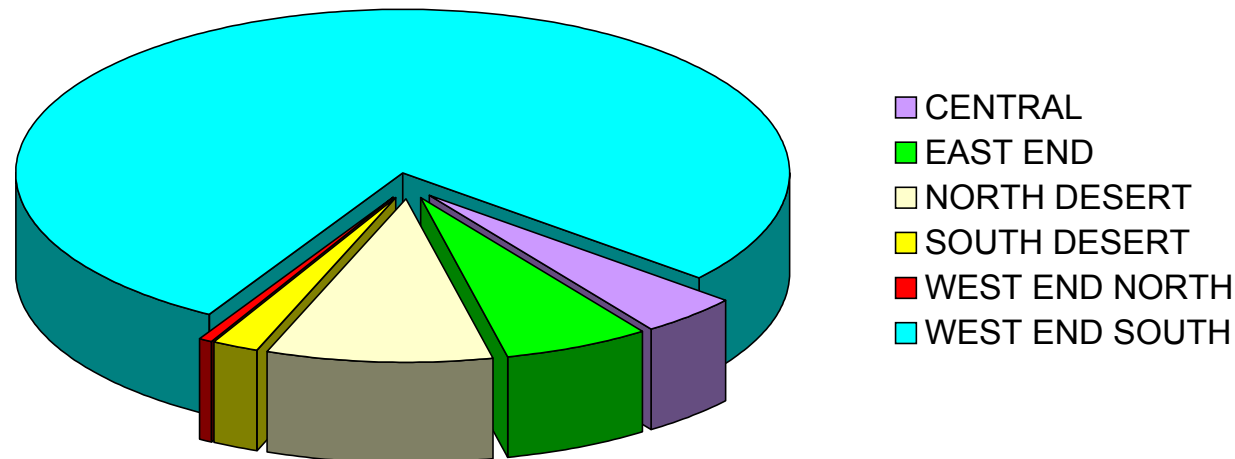
North Desert = The area north of Victorville including the area east along Highway 40 and National Trails Highway.

South Desert = The communities of Adelanto, Apple Valley, Victorville, Hesperia, Lucerne Valley, Yucca Valley , 29 Palms 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**



The West End South area has dominated the agricultural value production of the County since the late 1960s when dairies started moving in from Los Angeles County. Dairies are now leaving San Bernardino County due to urban development and the difference in value between the areas should diminish over the next seven years. Urban displacement of agriculture has been a continual process in southern California since the 1940s. At one time, Los Angeles and Orange Counties had significant agricultural industries which today are almost totally gone.

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 2005. 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 2005 totaled \$565,101,000, a decrease of \$122,727,600 from the previous year. This decrease is primarily due to the reduction in the dairy industry in the Chino-Ontario area. Milk production declined 12.5% and the average price dropped 5% when compared to 2004. As the number of dairies declined, the related production of replacement heifers, male calves and cull cows declined as well. These factors account for slightly more than \$99 million of the decrease in value. Nursery, Fruit and Nut values declined while Vegetable and Field Crop values increased. Additional comments regarding the various agricultural commodities produced in the County are located adjacent to the data for each category.

The most significant reduction in acreage for an agricultural commodity was rangeland. For the last several years, the number of acres devoted to cattle production has been declining. This decline is due to a variety of reasons including low beef prices, sales of land to conservation groups, and mitigation measures to protect the desert tortoise.

The agricultural industry, especially livestock and fruit production, is rapidly being displaced by urban development especially in the Chino, Ontario and Redlands areas. This is evident in the graphs of herd size and citrus acreage. An increase in nursery and vegetable production is likely in the coming years as these crops do not require extensive infrastructure or a long-term commitment to the land. They can serve as temporary uses before houses, stores, warehouses and factories are built.

Despite the overall decline in agricultural production and acreage, the agricultural industry continues to be an important factor in the economy and cultural heritage of San Bernardino County. As urban development continues to displace fields, dairies, orchards and poultry ranches, there is an opportunity for high value specialty crops to emerge. Mushrooms, sprouts, nursery stock, fish farms and other high value agricultural products are the likely future for agriculture in the County.

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. Their efforts make this report as complete and detailed for local production as possible. Over 125 different commodities are included in this report and many are produced by just a few individuals. Contact with these producers is essential to the detail in this report.

*Edouard P. Layaye*  
Agricultural Commissioner/Sealer

MARK H. UFFER  
County Administrative Officer  
NORMAN A. KANOLD  
Assistant County Administrator  
PSSG Administration

Board of Supervisors  
BILL POSTMUS, Chair . . . . . First District  
DENNIS HANSBERGER, . . . . . Third District  
JOSIE GONZALES . . . . . Fifth District  
PAUL BIANE, Vice Chair . . . . . Second District  
GARY C. OVITT . . . . . Fourth District



### Summary of Highlights

<b>Total Value of Production</b>	<b>\$565,101,000</b>
<b>Change in Value from 2004</b>	<b>-\$122,727,600</b>
<b>Commodity with highest reported dollar value</b>	<b>Milk</b>
<b>Highest per acre value</b>	<b>Indoor Decoratives Including Orchids</b>
<b>Lowest per acre value</b>	<b>Rangeland</b>
<b>Commodity with the greatest % increase in total value from 2004</b>	<b>Cabbage</b>
<b>Commodity with greatest % decrease in total value from 2004</b>	<b>Cropland Forage</b>
<b>Crop with the greatest amount of planted acreage</b>	<b>Alfalfa</b>

### Department of Agriculture/Weights and Measures Personnel

**Agricultural Commissioner/Sealer of Weights and Measures**  
**Edouard P. Layaye**

**Chief Deputy Agricultural Commissioner/Sealer**  
 John Gardner

**Deputy Agricultural Commissioner/Sealer**  
 Jim Mitchell      Grif Thomas      Bobbie Willhite

**Supervising Agricultural/Standards Officer**  
 George Dearmin    Allen Lampman    Emilio Lopez    Steve Mackenzie    Allan Smith    Mark Tully

**Agricultural/Standards Officer**

Steve Bayliss	David Chonka	Cordell Clark	Denise Crowley
Theresa Doyle	Jim Duncan	Zia Fazel	Fred Grindle
Janet Davey	Bill Herr	John Jackson	Arnold Johnson
Shannon Lehrter	Misael Martinez	Jan Martus	Robert Martus
Steve Matthys	Mickey McDonald	Larry Montoya	Ed Pearson
Brad Sanford	Tom Stevenson	Keri Vigil	Sandy Wilt
	Maria Zarate	Scott Zinsmeyer	

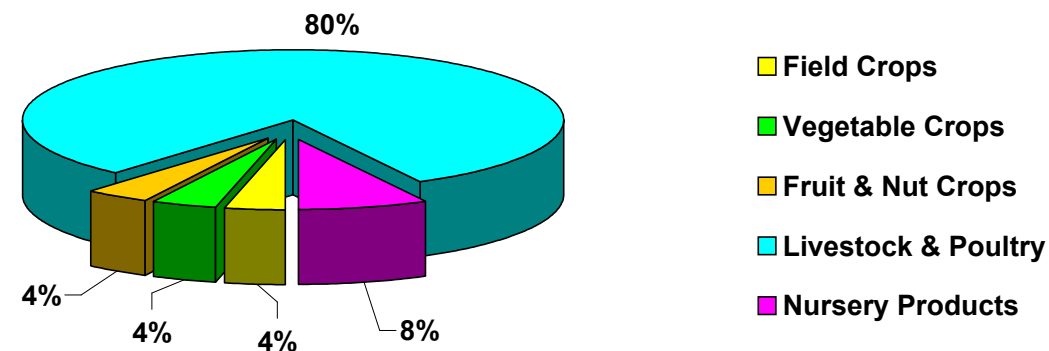
**Pesticide Applicator**  
 Russell Bice      Shane Campbell      Jim Chambers      John Sarmiento

**Agricultural Field Aide I and II**

Robert Abbey	Chris Allen	Ismael Almanza (II)	Chris Banta
Armando Cruz	Wendy Eastwood	Brandon Emery	Ruth Flores
Joe Graves	Tonya Hoogerwerf	Ryan Johns	Humphrey Kiuruwi
Terry Noe	Cassie Nelson	Bill Rahn	Greg Rodriguez
	Joseph Stewart		

**Clerical Staff**  
 Tonna' 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

**% Of Production By Commodity Type**



San Bernardino County  
Dept. of Agriculture/Weights & Measures  
777 E. Rialto Ave.  
San Bernardino, CA 92415

# Crop and Livestock Report



# 2005

Edouard Layaye  
Agricultural Commissioner/Sealer