2005 Agricultural Report
SAN JOAQUIN COUNTY

Blueberries in San Joaquin County

One of the few fruits native to North America, blueberries are rapidly gaining in popularity among consumers, as evidenced by a recent increase in agricultural plantings. For centuries, Native Americans gathered wild blueberries from regional bogs and forests. This fruit was believed to have been a gift sent by the "Great Spirit" as a magical fruit to cure famine. Every part of the blueberry plant was utilized not only for consumption and food preparation, but also for medicinal purposes and as a dye.

In the early 1900's, Elizabeth White and Dr. Frederick Coville began research in New Jersey to domesticate wild blueberries. They explored the forests near her farm and selected the choicest blueberry shrubs to breed and develop a blueberry plant that could be easily cultivated by farmers. Since then, blueberries have become an important agricultural industry in the US. Nationally there are over 46,000 acres being harvested in 35 states by more than 2,000 growers. In 2004, there was a record 232.2 million pounds harvested and the numbers are increasing each year. In San Joaquin County, blueberry acreage has increased 910 % over the past five years. According to county records for 2006, there are 8 blueberry farms with a combined area of 391 acres, compared to only 3 farms and 43 acres in 2001.

Locally the domesticated, or "high-bush" blueberry (*Vaccinium corymbosum*) is the crop of choice. High-bush blueberries require very specific growing conditions. They grow best in areas with cold winters and warm, sunny summers. However, if the temperature gets too high, they can lose flavor and firmness. During the winter months, blueberries require between 750 and 1000 hours of chilling in order to set an adequate crop. They thrive in an acid soils with enough organic material to maintain critical soil moisture. This is important because blueberries have a shallow, fibrous root system and suffer from reduced berry size, fruit yields, and vegetative growth under drought conditions. Blueberries also require regular pruning to produce high fruit yields. Mature blueberry plants can be as tall as 12 feet, though in cultivation are generally kept between 4 and 7 feet tall.

Locally, blueberries are harvested from May to June with the bulk of the labor done by hand. Some growers have begun to harvest blueberries mechanically; however, most machine-harvested blueberries are frozen or otherwise processed. Since berries ripen over a period of weeks, more than one pass through the field may be necessary for complete harvest.

According to the USDA, blueberries have the highest levels of antioxidants among 40 fruits and vegetables studied. Antioxidants aid the body in preventing cancer, heart disease and premature aging. Just one serving of blueberries (equal to ¼ cup) provides as many antioxidants as five servings of peas, carrots, apples, broccoli or squash.

Blueberries were first commercially planted in San Joaquin County during the late 1990's and have since grown significantly in acreage. With much care and experimentation, blueberries have become a successful addition to the County's diverse crop mix. The emergence of our County's blueberry industry is just another example of the innovative and progressive nature of our local agricultural industry.

SAN JOAQUIN COUNTY
AGRICULTURAL COMMISSIONER'S OFFICE

2005 ANNUAL CROP REPORT

Scott Hudson
Agricultural Commissioner

Compiled by Fred D. Minazzoli

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ASST. AGRICULTURAL COMMISSIONER
ASST. SEALER OF WEIGHTS & MEASURES

A.G. Kawamura, Secretary
California Department Of Food And Agriculture
And
The Honorable Board Of Supervisors
San Joaquin County

Dear Secretary and Board Members:

I am pleased to present the seventy-second annual report of agricultural production in San Joaquin County. The gross value of agricultural production for 2005 in San Joaquin County is estimated to be an all time high of $1,749,113,000. This represents an 8% increase from the estimated 2004 value of $1,613,289,000.

Highlights of the 2005 crop year are as follows:

- Significant increases occurred in Livestock & Poultry and Fruit & Nut Crops values.
- Milk is the county's most valuable agricultural commodity again in 2005. Even though milk production increased, lower prices caused a net decrease in value of 3%.
- The value of replacement dairy heifers was included in the agricultural report for the first time this year. This mostly accounts for the 125% increase in value for Cattle & Calves.
- Wine grape acreage, yields, and prices were up in 2005, contributing to a 53% increase in total grape value from the previous year.
- Cherries and other stone fruit crops suffered yield losses due to late spring rains and lack of adequate chill hours during the winter months.
- The price of almonds rose more than 20% from the previous season, keeping almonds the third most valuable agricultural commodity in San Joaquin County.

The values shown are estimates based on the most common method of sale for the individual commodity, except for fresh fruits and vegetables where the value is based on the F.O.B packed price at the shipping point. The figures contained in this report are gross values rather than net returns to the grower.

I wish to express my sincere appreciation to all who assisted my biologists and deputies by furnishing the necessary information that made this report possible.

Respectfully Submitted

Scott Hudson,
Agricultural Commissioner

FIELD CROPS

		PRODUCTION				GROSS VALUE		
CROP	YEAR	HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL	TOTAL
BEANS, DRY, ALL	2005	5,637	1.12	6,800	TON	$743.75		$4,970,000
	2004	6,800	1.22	8,300	TON	$723.00		$6,000,000
BLACKEYE	2005	326	0.88	286	TON	$800.00	$228,000	
	2004	1,600	1.14	1,820	TON	$625.00	$1,140,000	
KIDNEY	2005	82	1.19	97	TON	$767.00	$74,600	
	2004	900	1.09	1,000	TON	$800.00	$800,000	
LIMA	2005	4,128	1.23	5,100	TON	$767.00	$3,837,000	
	2004	3,600	1.40	5,000	TON	$756.00	$3,789,000	
GARBANZO / OTHER	2005	1,101	1.17	1,290	TON	$641.00	$830,000	
	2004	710	0.99	703	TON	$683.00	$481,000	
CORN, GRAIN	2005	52,300	4.10	214,600	TON	$112.50		$24,142,000
	2004	43,300	4.47	193,400	TON	$115.00		$22,242,000
HAY, ALL	2005	95,500	5.06	549,500	TON	$113.50		$69,569,000
	2004	87,100	6.53	568,500	TON	$115.00		$65,625,000
ALFALFA	2005	67,100	6.70	449,570	TON	$134.00	$60,242,000	
	2004	64,900	7.43	482,118	TON	$121.00	$58,336,000	
OTHER	2005	28,400	3.42	100,200	TON	$93.00	$9,327,000	
	2004	22,200	3.89	86,400	TON	$84.00	$7,289,000	
PASTURE & RANGE	2005	135,000			ACRE	$38.00		$5,409,000
	2004	135,000			ACRE	$37.45		$5,037,000
IRRIGATED	2005	14,500			ACRE	$133.00	$1,928,500	
	2004	14,500			ACRE	$138.00	$1,989,000	
OTHER	2005	120,000			ACRE	$29.00	$3,480,000	
	2004	120,000			ACRE	$25.00	$3,048,000	
RICE	2005	3,690	3.66	13,500	TON	$223.00		$3,011,000
	2004	6,030	4.70	28,300	TON	$180.00		$5,101,000
SAFFLOWER	2005	7,710	1.80	13,900	TON	$260.00		$3,614,000
	2004	6,000	1.50	9,000	TON	$214.00		$1,922,000
SILAGE, CORN	2005	41,240	29.70	1,224,800	TON	$26.00		$31,845,000
	2004	43,100	31.22	1,345,600	TON	$21.00		$27,706,000
SILAGE, OTHER	2005	30,700	12.96	397,900	TON	$21.87		$8,808,000
INCLUDES GREEN CHOP	2004	24,200	12.43	301,000	TON	$18.23		$5,488,000
WHEAT	2005	20,400	2.97	60,600	TON	$122.00		$7,393,000
	2004	32,700	2.61	85,200	TON	$125.00		$10,654,000
OTHER*	2005	7,370						$2,187,000
	2004	4,980						$1,526,000
TOTAL	2005	399,547						$160,948,000
	2004	389,000						$151,763,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

* INCLUDES BARLEY, COTTON, SUNFLOWERS AND OATS FOR GRAIN

SEED CROPS

		PRODUCTION				GROSS VALUE	
CROP	YEAR	HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
KIDNEY BEAN	2005	742	24.00	17,808	CWT	$38.50	$670,000
	2004	660	22.10	14,600	CWT	$45.00	$657,000
BEANS, OTHER	2005	595	23.66	14,085	CWT	$36.47	$463,000
	2004	589	25.88	15,246	CWT	$40.34	$615,000
VEGETABLE SEED*	2005	432					$2,011,000
	2004	787					$4,919,000
MISCELLANEOUS,	2005	200					$54,000
SUDAN, GRAIN & ETC.	2004	570					$368,000
TOTAL	2005	1,969					$3,198,000
	2004	2,610					$6,559,000

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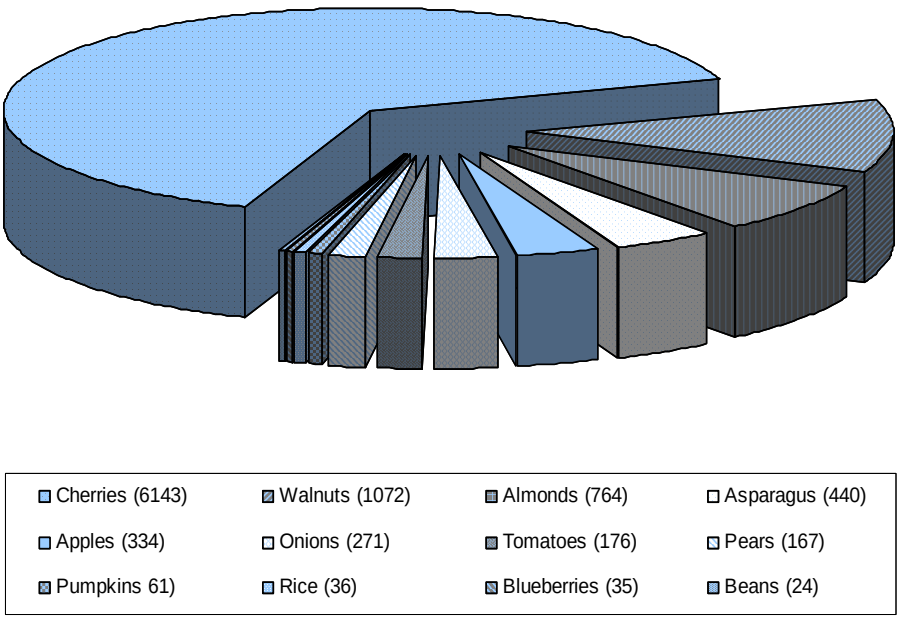
*INCLUDES POTATO FOR SEED

Phytosanitary Certificates Issued by Commodity in 2005



FRUIT AND NUT CROPS

CROP	YEAR	PRODUCTION BEARING ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	GROSS VALUE PER UNIT	GROSS VALUE SUBTOTAL	GROSS VALUE TOTAL
ALMOND, MEATS	2005	43,000	0.72	30,900	TON	$5,380.50		$166,580,000
	2004	42,900	0.89	38,200	TON	$4,509.00		$172,030,000
ALMOND, HULLS	2005			77,400	TON	$94.80		$7,338,000
	2004			95,400	TON	$81.00		$7,726,000
APPLES, ALL	2005	5,880	11.05	65,000	TON	$559.14		$36,344,000
	2004	5,597	12.53	70,113	TON	$543.34		$38,094,000
FRESH	2005			42,900	TON	$832.00	$34,971,000	
	2004			47,050	TON	$770.00	$36,232,000	
PROCESSING	2005			22,100	TON	$62.12	$1,373,000	
	2004			23,060	TON	$80.74	$1,862,000	
APRICOTS	2005	1,095	9.00	9,900	TON	$373.00		$3,693,000
	2004	1,139	9.31	10,600	TON	$430.00		$4,579,000
BLUEBERRIES*	2005	197	2.40	473	TON	$6,000.00		$2,837,000
BUSHBERRIES*	2005	52	2.64	137	TON	$3,233.00		$444,000
	2004	189	3.00	530	TON	$3,823.00		$2,026,000
CHERRIES, ALL	2005	15,500	1.60	24,800	TON	$3,900.00		$91,822,000
	2004	16,200	2.65	43,000	TON	$2,280.00		$97,904,000
FRESH	2005			22,600	TON	$4,053.00	$91,598,000	
	2004			37,030	TON	$2,628.00	$97,304,000	
PROCESSING	2005			2,240	TON	$100.00	$224,000	
	2004			6,000	TON	$100.00	$600,000	
GRAPES, ALL	2005	96,243	7.36	708,000	TON	$409.24		$289,744,000
	2004	84,265	5.57	469,731	TON	$401.98		$188,824,000
TABLE, CRUSHED	2005	571	2.40	1,370	TON	$150.00	$206,000	
	2004	650	3.26	2,120	TON	$205.69	$436,000	
WINE, ALL	2005	95,672	7.39	706,740	TON	$409.68	$289,538,000	
	2004	83,615	5.59	467,611	TON	$402.87	$188,388,000	
FRESH	2005			4,240	TON	$255.59	$1,084,000	
	2004			3,400	TON	$250.00	$850,000	
CRUSHED	2005			702,500	TON	$410.61	$288,454,000	
	2004			464,211	TON	$403.99	$187,538,000	

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*2004 NUMBER INCLUDED IN BUSHBERRIES

FRUIT AND NUT CROPS

		PRODUCTION				GROSS VALUE		
CROP	YEAR	BEARING ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL	TOTAL
PEACHES, ALL	2005	2,437	17.40	42,330	TON	$256.05		$10,878,000
	2004	2,750	17.53	48,200	TON	$200.00		$9,641,000
CLINGSTONE	2005	1,120	17.80	19,900	TON	$237.10	$4,718,000	
	2004	1,360	15.00	20,400	TON	$203.00	$4,141,000	
FREESTONE	2005	1,317	17.00	22,400	TON	$275.00	$6,160,000	
	2004	1,389	20.00	27,780	TON	$198.00	$5,500,000	
PEARS	2005	586	10.50	6,150	TON	$235.00		$1,445,000
	2004	549	18.00	9,070	TON	$240.00		$2,177,000
WALNUTS, ENGLISH	2005	43,200	1.55	66,960	TON	$1,458.00		$97,628,000
	2004	41,100	1.73	71,170	TON	$1,223.00		$87,926,000
MISCELLANEOUS	2005	1,237						$6,501,000
	2004	1,124						$4,106,000
BIOMASS	2005							$2,052,000
	2004							$2,242,000
TOTAL	2005	209,230						$714,469,000
	2004	196,000						$617,275,000

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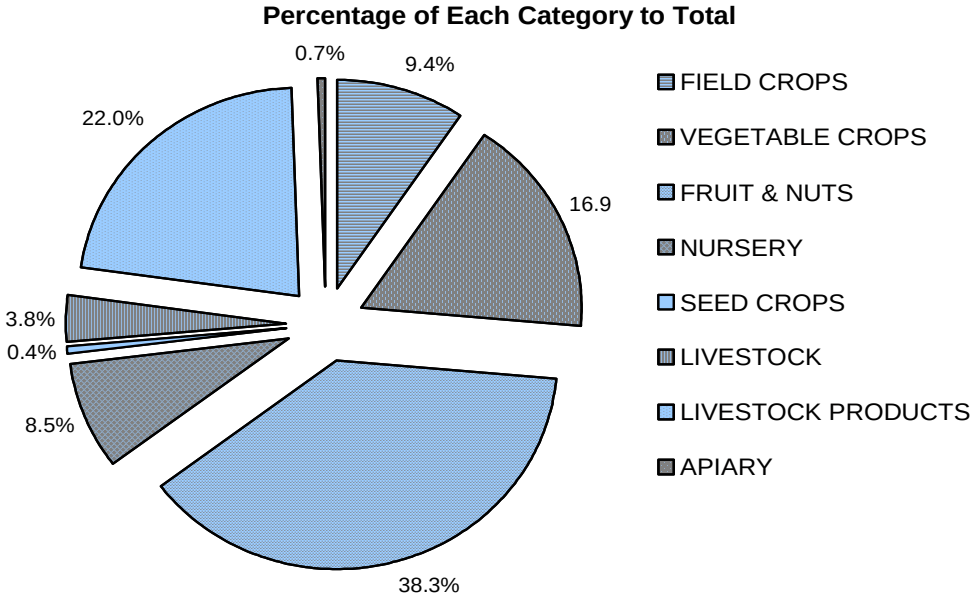
*2004 NUMBER INCLUDED IN BUSHBERRIES



VEGETABLE CROPS

		PRODUCTION				GROSS VALUE		
CROP	YEAR	HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL	TOTAL
ASPARAGUS	2005	13,994	1.80	25,200	TON	$2,350.00		$59,220,000
	2004	18,200	1.40	25,500	TON	$2,200.00		$56,056,000
CORN, SWEET	2005	3,120	9.32	29,100	TON	$308.00		$8,931,000
	2004	1,700	8.76	14,900	TON	$590.00		$8,781,000
CUCUMBERS	2005	1,450	8.50	12,330	TON	$600.00		$7,398,000
	2004	2,180	14.50	31,500	TON	$836.00		$26,365,000
MELONS, ALL	2005	2,372	23.81	81,670	TON	$245.00		$17,537,000
	2004	3,470	18.70	64,800	TON	$227.00		$14,698,000
WATERMELON	2005	2,199	36.25	79,700	TON	$213.00	$16,976,000	
	2004	2,710	20.00	54,200	TON	$212.00	$11,490,000	
OTHER	2005	173	11.36	1,970	TON	$277.00	$561,000	
	2004	760	13.96	10,600	TON	$302.00	$3,208,000	
ONIONS, DRY	2005	2,400	22.28	53,470	TON	$224.50		$12,004,000
	2004	1,840	20.00	36,200	TON	$183.00		$6,609,000
PEPPERS	2005	1,226	9.06	10,550	TON	$711.25		$7,504,000
	2004	1,300	12.00	15,600	TON	$692.00		$10,804,000
POTATOES	2005	2,390	14.88	35,560	TON	$472.80		$16,767,000
	2004	2,950	18.75	55,400	TON	$310.00		$17,164,000
PUMPKINS	2005	1,506	13.00	19,580	TON	$240.00		$4,699,000
	2004	3,120	14.21	44,300	TON	$152.00		$6,751,000
TOMATOES, ALL	2005	47,090	30.54	1,438,300	TON	$72.00		$103,551,000
	2004	39,230	34.68	1,360,400	TON	$80.00		$107,053,000
SHIPPING	2005	8,290	9.69	80,330	TON	$410.00	$32,935,000	
	2004	10,130	10.78	109,200	TON	$408.00	$44,492,000	
PROCESSING	2005	38,800	35.00	1,358,000	TON	$52.00	$70,616,000	
	2004	29,100	43.00	1,251,200	TON	$50.00	$62,561,000	
MISCELLANEOUS VEGETABLES	2005	8,780						$25,942,000
	2004	5,610						$18,859,000
TOTAL	2005	84,328						$263,553,000
	2004	79,600						$273,140,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

NURSERY PRODUCTS

ITEM	YEAR	QUANTITY SOLD	UNIT	GROSS VALUE PER UNIT	GROSS VALUE TOTAL
GRAPEVINES, STRAWBERRY PLANTS,	2005	70,639,000	PLANT	$0.09	$6,311,000
FRUIT & NUT TREES	2004	212,349,000	PLANT	$0.06	$13,192,000
VEGETABLE PLANTS	2005	266,265,000	PLANT	$0.04	$10,264,000
	2004	280,656,000	PLANT	$0.03	$9,277,000
FLOWERING POTTED PLANTS	2005	1,936,000	EACH	$4.93	$9,535,000
	2004	2,241,000	EACH	$4.23	$9,480,000
FOLIAGE PLANTS	2005	3,280,000	EACH	$4.87	$15,985,000
	2004	3,335,000	EACH	$4.86	$16,219,000
BEDDING PLANTS	2005	1,543,000	PKG	$9.37	$14,463,000
	2004	495,000	PKG	$7.45	$3,690,000
WOODY ORNAMENTALS	2005	49,556,000	EACH	$1.25	$61,945,000
	2004	50,212,000	EACH	$1.09	$54,490,000
BULBS, RHIZOMES, TURF,	2005				$22,970,000
CACTUS, CHRISTMAS TREES, ETC.	2004				$31,309,000
TOTAL	2005				$141,473,000
	2004				$137,657,000

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APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	GROSS VALUE PER UNIT	GROSS VALUE TOTAL
HONEY	2005	180,000	LBS	$1.03	$185,000
	2004	179,000	LBS	$1.00	$179,000
BEESWAX	2005	3,000	LBS	$1.15	$3,500
	2004	2,990	LBS	$1.12	$3,300
POLLINATION	2005	190,500	HIVE	$65.49	$12,475,000
	2004	190,300	HIVE	$54.60	$10,390,400
TOTAL	2005				$12,663,500
	2004				$10,573,000

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LIVESTOCK AND POULTRY

		PRODUCTION			GROSS VALUE	
ITEM	YEAR	NO. HEAD	LIVE WEIGHT	UNIT	PER UNIT	TOTAL
CATTLE & CALVES*	2005	156,160	885,980	CWT	$102.78	$91,057,000
	2004	122,600	566,630	CWT	$71.58	$40,559,000
SHEEP & LAMBS	2005	20,000	26,740	CWT	$103.00	$2,661,000
	2004	19,500	25,350	CWT	$105.30	$2,668,000
BROILERS	2005	1,473,800	7,663,760	LBS	$0.45	$3,449,000
	2004	1,942,600	10,471,000	LBS	$0.45	$4,712,000
OTHER CHICKENS	2005	1,042,700		EACH	$0.02	$21,000
& SPENT HENS	2004	1,248,100		EACH	$0.02	$25,000
TURKEYS	2005	538,060	20,812,000	LBS	$0.39	$8,050,000
	2004	450,200	17,359,700	LBS	$0.38	$6,586,000
OTHER LIVESTOCK**	2005					$5,275,000
	2004					$6,914,000
TOTAL	2005					$110,513,000
	2004					$61,464,000

*VALUE OF REPLACEMENT HEIFERS ADDED TO CATTLE & CALVES

**OTHER LIVESTOCK INCLUDES HOGS, GOATS, SQUAB, DUCKS AND OTHER FOWL

LIVESTOCK AND POULTRY PRODUCTS

				GROSS VALUE		
ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	SUBTOTAL	TOTAL
MILK, ALL	2005	22,352,000	CWT	$14.00		$314,565,000
	2004	21,846,000	CWT	$15.00		$324,657,000
MARKET	2005	22,235,000	CWT	$14.00	$312,840,000	
	2004	21,768,000	CWT	$15.00	$323,478,000	
MANUFACTURING	2005	117,000	CWT	$14.70	$1,724,000	
	2004	78,000	CWT	$15.10	$1,179,000	
WOOL	2005	119,000	LBS	$0.72		$85,700
	2004	132,000	LBS	$0.77		$101,000
EGGS, CHICKEN	2005	41,709,340	DOZ	$0.41		$17,101,000
	2004	49,923,340	DOZ	$0.58		$28,898,000
MANURE	2005	378,000	TON	$5.00		$1,890,000
	2004	399,000	TON	$3.00		$1,202,000
TOTAL	2005					$333,642,000
	2004					$354,858,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

Blueberry Facts and Trivia

North America is the world's leading blueberry producer, accounting for nearly 90% of world production at the present time.

July is National Blueberry Month.

Native Americans in the Northwest Territory smoked wild blueberries to preserve them through the winter.

The blueberry muffin is the most popular muffin in the United States.

Half a cup of blueberries can provide as much antioxidant power as 5 servings of other nutritious fruits and vegetables such as peas, carrots, apples, squash and broccoli.

Native Americans used blueberries were also used in food preparation. Dried blueberries were added to stews, soups and meats. A jerky called *Sautauthig* (pronounced *saw'-taw-teeg*) was made with dried blueberries and was consumed year-round.

New USDA research suggests that a compound in blueberries may reduce cholesterol.

A study at Tufts University reports that a diet of blueberries may improve motor skills and reverse the short-term memory loss that comes with aging.

USDA animal trials showed improved navigational skills after a two-month diet of blueberry extract.

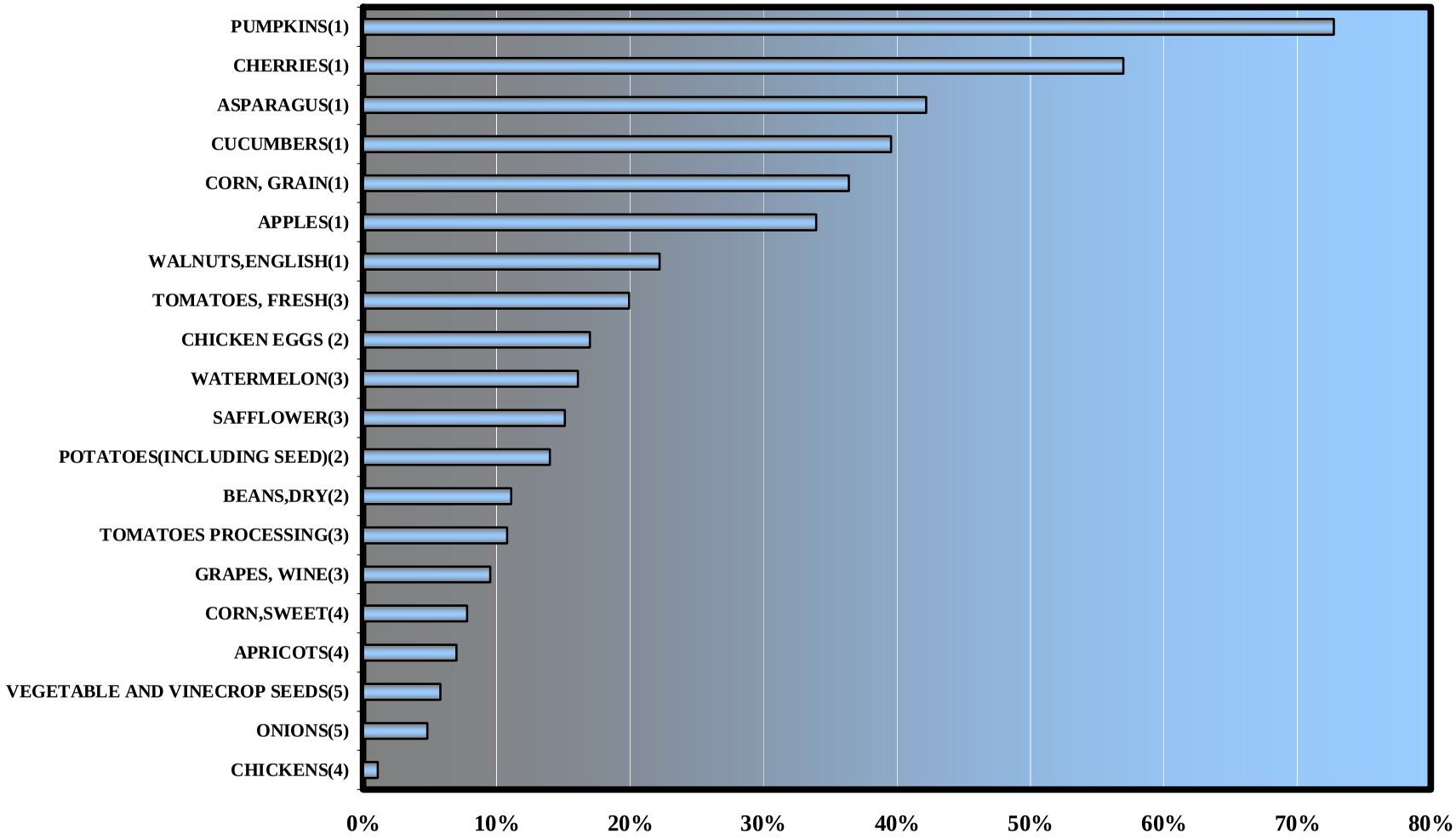
Blueberries are a good source of vitamin C, the tannins in blueberries can help prevent urinary tract infections, and ½ cup of blueberries contains only 40 calories.

High-bush blueberries typically start producing in the third season, and yields increase steadily for the next four years. At full capacity, blueberries yield about 3 tons per acre. Well-maintained blueberry bushes remain productive for at least 15 to 20 years.

As blueberries are expensive to establish and maintain, growers often do not realize a return on their capital investment until the seventh year.

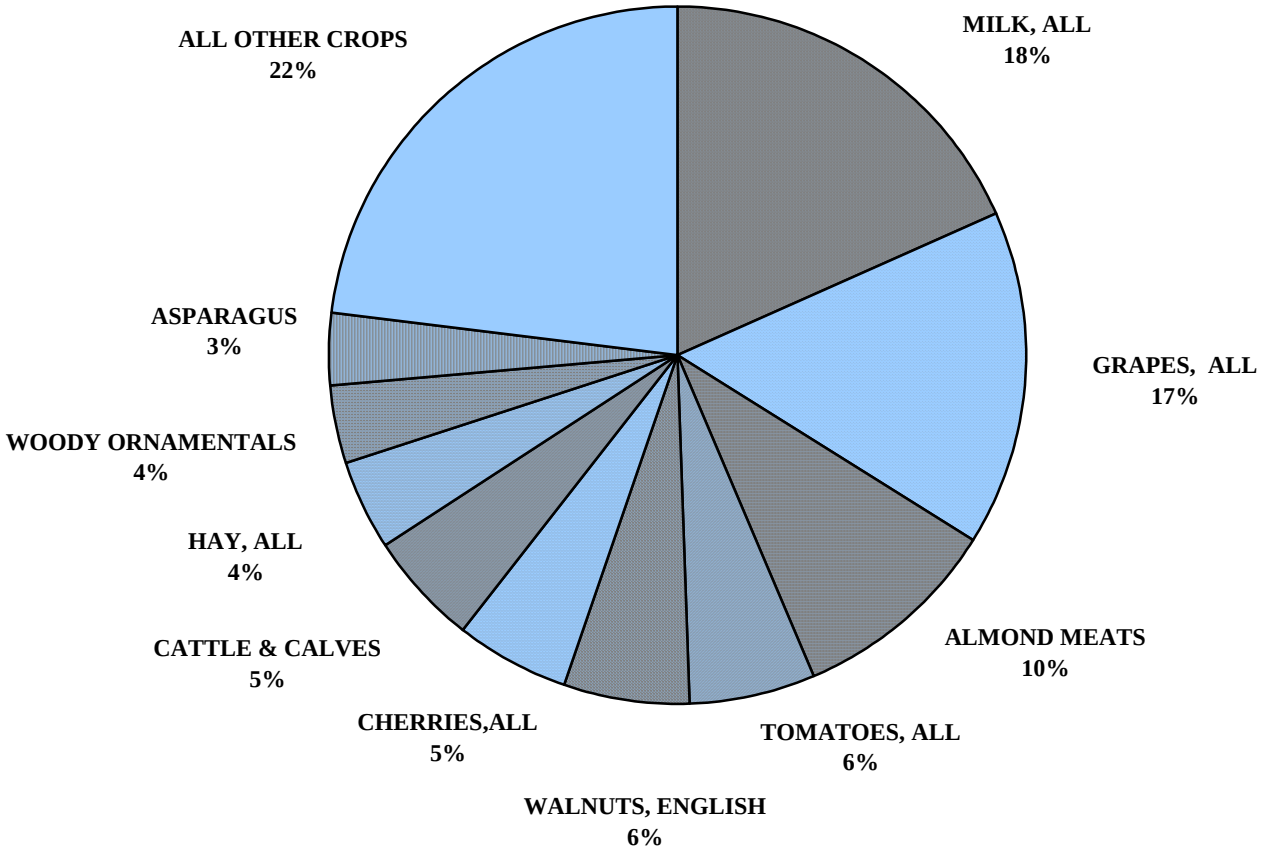
SAN JOAQUIN COUNTY'S SHARE OF STATEWIDE PRODUCTION

Listed below are the crops in which San Joaquin County ranked in the top 5 in the State based on gross value during the 2004 crop year. The bars represent San Joaquin County's percentage of the state value for that crop. The numbers in parentheses next to the crop labels show San Joaquin County's ranking for that crop.



SAN JOAQUIN COUNTY'S
TOP TEN LEADING CROPS FOR 2005

MILK, ALL	**$314,565,000**
GRAPES, ALL	**$289,744,000**
ALMOND MEATS	**$166,580,000**
TOMATOES, ALL	**$103,551,000**
WALNUTS, ENGLISH	**$97,628,000**
CHERRIES, ALL	**$91,822,000**
CATTLE & CALVES	**$91,057,000**
HAY, ALL	**$69,569,000**
WOODY ORNAMENTALS	**$61,945,000**
ASPARAGUS	**$59,220,000**
ALL OTHER CROPS	**$403,432,000**



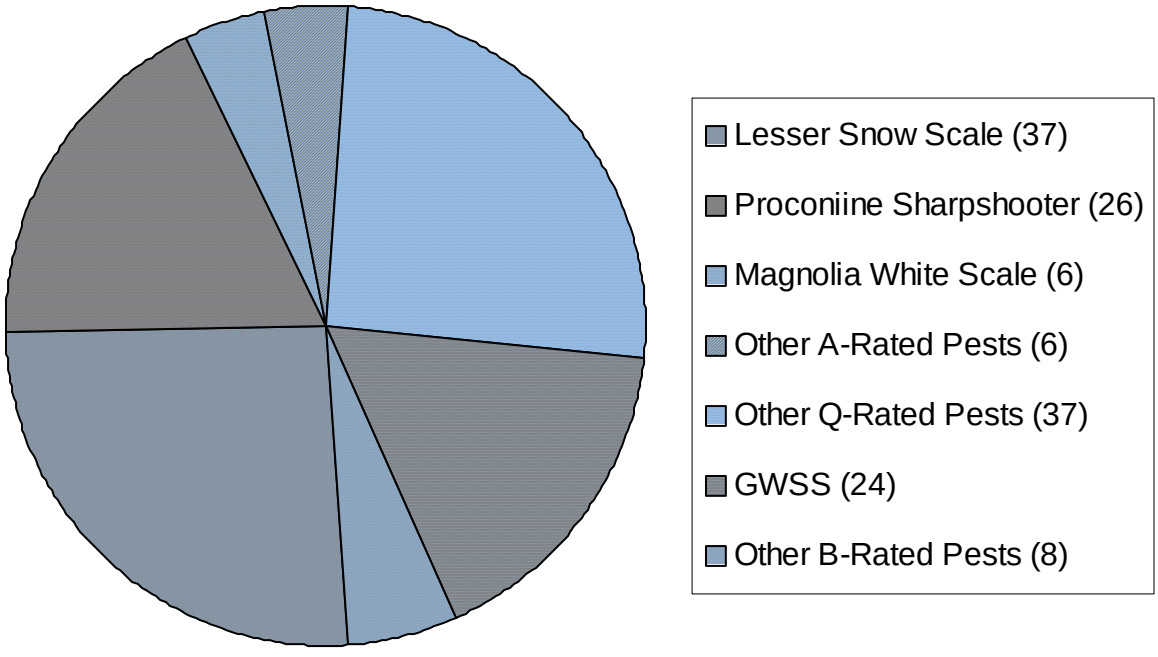
SUSTAINABLE AGRICULTURE AND PEST EXCLUSION

San Joaquin County continues to support local agriculture in many ways, not the least of which is making certain that invasive agricultural pests of significant economic risk are kept out of local orchards, vineyards, and nurseries. This task is the responsibility of the Pest Exclusion Unit.

The Pest Exclusion branch of our office consists of six full-time and two part-time biologists, as well as many seasonal pest detection specialists. These individuals conduct thousands of inspections annually for various economically significant pests, including Glassy-winged Sharpshooter, Gypsy Moth, Burrowing and Reniform nematodes, Diaprepes Root Weevil, and many more. Inspections are conducted at major postal and parcel facilities, nurseries, and private residences as necessary to keep these dangerous intruders out of our county, and keep our billion-dollar agricultural industry safe and productive.

We ask for your help in our quest by obeying the laws and regulations and avoiding the temptation to smuggle produce and nursery products into our area without proper certification, and together we will continue to keep agriculture safe by keeping the bad bugs at bay.

QUARANTINE PEST INTERCEPTIONS



A- and Q-Rated Pests are of Economic Significance on a State or a Federal Level and are Regulated by USDA, CDFA and County Officials.

B- Rated Pests are of Economic Significance on a County Level and are Regulated by Each Individual Agricultural Commissioner.

San Joaquin County Trading Partners 2005

AFGHANISTAN
ALGERIA
AMERICAN SAMOA
ANGOLA
ANTIGUA AND BARBUDA
ARABIA
ARGENTINA
ARMENIA
AUSTRALIA
AUSTRIA
AZERBAIJAN
BAHAMAS
BAHRAIN
BANGLADESH
BARBADOS
BELARUS
BELGIUM
BERMUDA
BOLIVIA
BOSNIA
BRAZIL
BRUNEI DARUSSALAM
BULGARIA
BURKINA FASO
CAMBODIA
CAMEROON
CANADA
CANARY ISLANDS
CHILE
COLOMBIA
COSTA RICA
CROATIA
CYPRUS
CZECH REPUBLIC
CONGO (Zaire)
DENMARK
DOMINICAN REPUBLIC
ECUADOR
EGYPT
EL SALVADOR
ESTONIA
FIJI
FINLAND
FRANCE
FRENCH POLYNESIA
GEORGIA
GERMANY
GHANA
GREECE
GRENADA
GUAM
GUATEMALA
GUYANA
HAITI
HOLLAND
HONDURAS
HONG KONG
HUNGARY
ICELAND
INDIA
INDONESIA
IRELAND
ISRAEL
ITALY
JAMAICA
JAPAN
JORDAN
KAZAKHSTAN
KENYA
KUWAIT
LATVIA
LEBANON
LIBERIA
MACAU
MACEDONIA
MADAGASCAR
MALAWI
MALASIA
MALTA
MARSHALL ISLANDS
MARTINIQUE
MAURITIUS
MEXICO
MICRONESIA
MOLDOVA
MONGOLIA
MONTSERRAT
MOROCCO
MOZAMBIQUE
NEPAL
NETHERLAND ANTILLES
NETHERLANDS
NEW CALEDONIA
NEW GUINEA
NEW ZEALAND
NICARAGUA
NIGERIA
NORTHERN MARIANA ISLANDS
NORWAY
OMAN
PAKISTAN
PANAMA
PAPUA NEW GUINEA
PARAGUAY
PEOPLE'S REPUBLIC OF CHINA
PERU
PHILIPPINES
POLAND
PORTUGAL
PUERTO RICO
QATAR
REPUBLIC OF KOREA
REUNION
ROMANIA
RUSSIAN FEDERATION
SAINT LUCIA
SAMOA
SAUDI ARABIA
SENEGAL
SERBIA
SIERRA LEONE
SINGAPORE
SLOVENIA
SOLOMON ISLANDS
SOUTH AFRICA
SPAIN
SRI LANKA
SWEDEN
SWITZERLAND
TAHITI
TAIWAN
TANZANIA
THAILAND
TONGA
TRINIDAD AND TOBAGO
TUNISIA
TURKEY
UGANDA
UKRAINE
UNITED ARAB EMIRATES
UNITED KINGDOM
URUGUAY
UZBEKISTAN
VENEZUELA
VIETNAM
ZAMBIA
ZIMBABWE

Organic Agriculture.

In 2000, the USDA implemented the National Organics Program (NOP). This was done in an effort to certify the availability of clean, organically grown foods to the American Public. In order to market agricultural products as organic, growers must register with NOP and adhere to a strict set of guidelines. These stringent guidelines help to ensure that all foods labeled as organic are safe for you, safe for the environment and that they are indeed organically grown. The California Organic Products Act of 2003 was enacted in an effort to align the current California Organic laws with the National Organics Program. San Joaquin County has 19 registered growers of organic commodities. In 2005, local growers farmed over 2000 acres to produce 19 different organic commodities. San Joaquin County's top 5 Organic crops are:

1. Peaches
2. Cherries
3. Walnuts
4. Almonds
5. Corn

GENERAL SAN JOAQUIN COUNTY INFORMATION

COUNTY SEAT	**STOCKTON**
COUNTY POPULATION (2003)	**630,600**
POPULATION PER SQUARE MILE	**450**
INCORPORATED CITIES (7)	
ESCALON, LATHROP, LODI, MANTECA, RIPON, STOCKTON AND TRACY	
LAND AREA (SQUARE MILES)	**1,400**
LAND IN FARMS (ACRES - 2002)	**812,629**
TOTAL CROPLAND (ACRES - 2002)	**574,752**
IRRIGATED CROPLAND (ACRES - 2002)	**520,172**
NUMBER OF FARMS (2002)	**4,026**
AVERAGE SIZE OF FARMS (ACRES - 2002)	**202**
AGRICULTURAL WORK FORCE (MONTHLY AVERAGE)	**16,800**
SEASON HIGH - JUNE	**28,400**
SEASON LOW - DECEMBER	**11,000**
LOWEST ELEVATION IN COUNTY (DELTA AREA)	**12' BELOW SEA LEVEL**
HIGHEST ELEVATION IN COUNTY (SOUTHWESTERN AREA)	**3065' ABOVE SEA LEVEL**
LENGTH OF COUNTY (NORTH TO SOUTH)	**75 MILES**
WIDTH OF COUNTY (EAST TO WEST)	**65 MILES**
AVERAGE JANUARY TEMPERATURE	**53°**
AVERAGE JULY TEMPERATURE	**93°**
AVERAGE ANNUAL RAINFALL	

NORTH COUNTY	**16 INCHES**	**EAST COUNTY**	**12 INCHES**
SOUTH COUNTY	**14 INCHES**	**WEST COUNTY**	**9 INCHES**

A SPECIAL "THANK YOU"

The San Joaquin County Agricultural Commissioner's Office expresses its deep appreciation to the

San Joaquin Farm Bureau Federation
Meeting Today's Challenges... Planning For Tomorrow

AgCredit Financial, ACA

for their contributions to the 2005 Crop Report. We would also like to thank the San Joaquin County Cooperative Extension for their assistance. Without their support the publication of this report would not be possible.

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