

2002

California Department
of Food and Agriculture
Resource Directory

Values

Community



Quality



CALIFORNIA AGRICULTURE:

stewardship

A TRADITION OF INNOVATION




resilience
science

family



Diversity



A warm thanks to the many retirees of the California Department of Food and Agriculture who gave of their time, talent and energy to support a vital industry — California agriculture.

These individuals worked 25 years or more with the California Department of Food and Agriculture and retired between January 2000 and July 2001: Fred Andrews, Clara Burris, Donovan Busby, Stanley Buscombe, Jack Carmany, Zosimo Carmen, Dell Clark, David Conrad, Karen Downs, Thomas Eichlin, David Eide, Renee Ferraro, Delbert Fletcher Jr., Helen Fong, Glenn Gleason, Lucio Gorospe, Ordella Hill, Byron Hirata, Leon Jensen, John Keck, Wanda Kimball, Arnold Kojioka, Richard Kozuki, Conrad Krass, Lester Kreps, Rita Lacey, Milo Ladwig Jr., Beverly Lee, Reginald Marcellino, Robert Mercer, James McCurdy, Gary Miller, Calvin Orum, Thomas Patrick, Frank Patterson, Jerry Porter, Patricia Ramsey, Gerald Rettela, Betty Rivera, Robert Roberson Jr., William Routhier, Islam Siddiqui, Richard Salazar, Glenn Saling, Janice Strong, Richard Swalm, George Tamura, Wai Woo, and Paul Wurscher Jr.

2002

CALIFORNIA DEPARTMENT OF



FOOD AND AGRICULTURE

Resource Directory

California Agriculture: A Tradition of Innovation

Letter by
Governor Gray Davis

Foreword by
William (Bill) J. Lyons Jr., Secretary

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Governor

Gray Davis

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California Agricultural Resource Directory 2002

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A LETTER FROM



GOVERNOR GRAY DAVIS

Dear Friends:

Agriculture plays a vital role in California's economy. With 88,000 farms producing more than 350 crops and an industry valued at nearly \$28 billion, our farmers and ranchers have made this state the nation's leader in agricultural production.

California's unique blend of fertile soils and temperate climates, combined with cutting-edge technology, pioneering research and marketplace innovations, has helped to create the most sophisticated food and fiber production and distribution systems in the world.

California is committed to safeguarding our diverse agricultural resources and maintaining the high quality of our products. By working to protect and promote California agriculture, through innovative programs such as the Buy California Initiative, we are investing in our state's future.



On behalf of the people of the state of California, I invite you to use this resource directory as a tool to familiarize yourself with our state's agricultural industries as well as the people and organizations that work to support them.

Sincerely,

A handwritten signature in teal ink that reads 'Gray Davis'. The signature is stylized with a large 'G' and 'D'.

Gray Davis

**SECRETARY WILLIAM J. LYONS JR.**

What comes to mind when you think of agriculture? For most of us, the answer is rooted in the past. We link agriculture to a tradition of hard work, a connectedness to the land, an emphasis on family — all values handed down by past generations.

We know, however, that agriculture is not solely about tradition. It is also defined by innovation, taking risks, and finding creative ways to solve problems. In our state, this is especially true. California's farmers and ranchers are real visionaries; they seek new and better ways to produce food and fiber of the highest quality and with the greatest care for the environment.



Indeed, it is the marriage between tradition and innovation that has secured California's status as the nation's most productive agricultural state for more than 50 years. Farmers and ranchers blend old-fashioned notions of patience and perseverance with new technologies and advanced agricultural practices. The result is a fast-changing, adaptable industry.

The tradition of innovation is alive and well in California agriculture today. The challenge now is to balance the agrarian values upon which agriculture was built with the constant demand to innovate. I know that the dedicated men and women who have made agriculture their passion and profession are working hard to meet this challenge. I hope that you'll join me in thanking them for providing such bounty.

Sincerely,

A handwritten signature in blue ink that reads "Bill Lyons Jr." The signature is written in a cursive, flowing style.

William (Bill) J. Lyons Jr., Secretary
California Department of Food and Agriculture

TABLE OF CONTENTS

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

California Agriculture: A Tradition of Innovation	7
California Grown: Changing the Way Californians Shop.....	9
Common Ground: Synthesizing Agricultural and Environmental Policies	10
State Board of Food and Agriculture	12
Innovation in Action — Profiles	
Keep on Truckin’: Innovation in Pest Exclusion Speeds Commerce.....	14
Cultivating a Legacy: A Rancher Looks Back — and Ahead	15
Ahead of the Curve: Ag Commissioners Embrace Innovation	16
Programs and Services	
Agricultural Export Program	17
Animal Health and Food Safety Services	19
Fairs and Expositions.....	20
Inspection Services	22
Marketing Services	23
Measurement Standards.....	24
Plant Health and Pest Prevention Services.....	26

AGRICULTURAL STATISTICAL REVIEW

Overview	
Gross Cash Income for 2001	29
California Farm Facts.....	30
California’s Top 20 Commodities	30
Leading Counties	31
Weather Highlights for 2001	31
Global Marketplace.....	32
County Statistical Data	42
Field Crops	50
Floriculture	69
Fruit and Nut Crops	74
Grape Crush	96
Livestock and Dairy	102
Vegetables and Melons	122
Agricultural Exports	132

CALIFORNIA AGRICULTURAL DIRECTORY

California Department of Food and Agriculture.....	142
Agricultural Publications	145
California Advisory Boards and Commissions	147
California Agricultural Organizations	148
California Fair Network.....	156
County Agricultural Commissioners	158
County Sealers of Weights & Measures	160
County Farm Bureaus.....	160
Certified Farmers’ Market Associations.....	161
Farm Labor Organizations.....	162
National Agricultural Organizations.....	163
Selected Government Agencies	166
State Departments of Food and Agriculture.....	169
University Agricultural Programs.....	170
Water and Natural Resources	174
California Agricultural Statistics Service Request Form	175

LIST OF TABLES

Crop and Livestock Commodities in which California Leads the Nation	28	Leading Varieties Crushed, Percent of Total Crush	97
California's Gross Cash Income, 2001	29	Grape Crush Tonnage and Price, 1988–2001	98
Top 5 Agricultural States in Cash Receipts, 2001	29	Grape Crush Totals by Type and Variety, 2000–2001	98
Milk Cash Receipts, 1992–2001	29	Milk Cows and Production by State, 2001	104
All Grapes Cash Receipts, 1992–2001	29	Milk Cows, Dairies and Cows Per Dairy by County and Region, 2000–2001	105
California's Top 20 Commodities for 2001	30	Commercial Milk Production by County and Month, 2001	106
California's Top 10 Agricultural Counties	31	Bee Colonies, Honey Production and Value, 1992–2001	108
California's Top 20 Agricultural Exports, 2000–2001	32	Beef Cow Operations and Inventory, 1992–2001	108
California's Top 10 Agricultural Export Markets, 2001	32	Cattle Operations and Inventory, 1992–2001	108
Cash Income by Commodity Groups, 1999–2001	33	Cattle and Calves Average Prices Received, 1992–2001	109
Farm Income Indicators, 1997–2001	34	Cattle and Calves Marketed from Feedlots, 1992–2001	109
Commodity Rank, Acreage, Production, Value and Leading Producing Counties, 2001	35	Cattle and Calves Slaughtered Under Federal and State Inspections, 1992–2001	110
Commodity Rank, Value and Leading Producing Counties, 2001	38	Average Live Weights of Cattle and Calves Slaughtered Under Federal and State Inspections, 1992–2001	110
California's Farm Numbers and Size, 1950–2001	38	Cattle by Class as of January 1, 1993–2002	111
County Rank, Total Value of Production and Leading Commodities, 2001	39	Cattle Inventory, Supply and Disposition, 1992–2001	111
Seasonal Rainfall with Comparisons to Normal, 2000–2002	40	Manufactured Dairy Products, 1997–2001	112
California's Fruit and Vegetable Crop Seasons	41	Milk Cow Average Prices Received, 1992–2001	112
Notable Changes in County Ranks and Percentages of the State Total	42	Milk Cows Calved, Milk Production and Value, 1992–2001	113
California's Leading Timber Counties, 2001	43	Milk Cow Operations and Inventory, 1992–2001	113
County Rank by Gross Value of Agricultural Production, 2000–2001	44	Grazing Fee Annual Average Rates, 1992–2001	114
Leading Commodities for Gross Value of Agricultural Production by County, 2001	45	Hens and Pullets of Laying Age (HPLA) and Egg Production, 2000–2001	114
Commodity Rank and Leading Counties by Gross Value of Agricultural Production, 2001	49	Broiler Production and Value, 1992–2001	114
Field Crop Acreage, Production and Value, 1992–2001	51	Egg Production and Value, 1992–2001	115
Field Crop Monthly Average Prices Received, 1992–2001	57	Turkey Production and Value, 1992–2001	115
Barley Acreage and Production by County, 2000–2001	59	Hogs and Pigs by Class as of December 1, 1992–2001	115
Beans, Dry Edible Acreage and Production by County, 2000–2001	61	Sows Farrowed and Pig Crop, 1992–2001	116
Corn Acreage and Production by County, 2000–2001	62	Hogs and Pigs Inventory, Supply and Disposition, 1992–2001	116
Cotton, American Pima Acreage and Production by County, 2000–2001	63	Hogs and Pigs Slaughtered Under Federal and State Inspections, 1992–2001	116
Cotton, Upland Acreage and Production by County, 2000–2001	64	Average Live Weights of Hogs and Pigs Slaughtered Under Federal and State Inspections, 1992–2001	117
Oat Acreage and Production by County, 2000–2001	65	Sheep and Lambs by Class as of January 1, 1993–2002	117
Rice Acreage and Production by County, 2000–2001	66	Sheep and Lambs Shorn, Wool Production and Value, 1992–2001	117
Sugar Beet Acreage and Production by County, 2000–2001	67	Sheep and Lambs Inventory, Supply and Disposition, 1992–2001	118
Wheat, All Acreage and Production by County, 2000–2001	68	Sheep and Lambs Average Prices Received, 1992–2001	118
Floriculture Production and Value, 2000	70	Livestock Production and Income, 1992–2001	119
Floriculture Production and Value, 2001	72	Livestock Inventory by Class and County, January 1, 2001–2002	120
Berry Acreage, Production and Value, 1992–2001	76	Vegetable and Melon Acreage, Production and Value, 1992–2001	124
Strawberry Monthly and Season Average Prices, 1992–2001	76	Processing Vegetable Acreage, Production and Value, 1992–2001	130
Citrus Fruit Acreage, Production and Value, 1992–2001	77	Processing Tomato Acreage and Production by County, 2001	130
Citrus Fruit Sales by Utilization and Value Per Carton, 1992–2001	78	Vegetable and Melon Monthly Average Prices Received, 1997–2001	131
Citrus Fruit Monthly and Season Average Prices, 1992–2001	79	Agricultural Commodity Export Values and Rankings, 2000–2001	134
Drying Ratio — Tons of Green Fruit Required to Produce One Dried Ton	81	Major California Agricultural Exports to the Top Destinations, 2001	135
Non-Citrus Fruit Acreage, Production and Value, 1992–2001	82	Major California Agricultural Exports to the European Union, 2001	137
Non-Citrus Fruit Unutilized Production, 1992–2001	85	Ratio of California Farm Quantity Exported to Farm Quantity Produced, 2001	138
Non-Citrus Fruit Utilized Production and Average Grower Return, 1992–2001	86	Major Destinations for California Agricultural Export Commodities, 2001	139
Nut Acreage, Production and Value, 1992–2001	94		
Raisin Production and Average Grower Return, 1992–2001	95		



CALIFORNIA AGRICULTURE: A TRADITION OF INNOVATION

Throughout California's history, the state's academic and agricultural communities have pioneered innovations that have changed the face of agriculture worldwide. Long before today's high-tech revolution, the men and women of California agriculture were advancing scientific discovery and perfecting methods that revolutionized the way in which people live. That tradition of innovation has lived on to the present day, with private industry and public sector agencies such as the California Department of Food and Agriculture working together to ensure that the state continues to be a leader in agricultural production and development.

Looking back through the history of California agriculture, one finds a who's who of innovators that pushed the envelope of knowledge. The renowned agricultural inventor Luther Burbank, for instance, migrated from the East Coast to California in the 1870s so he could establish experimental farms that became famous around the world. Burbank often had as many as 3,000 experiments involving millions of plants going on at any one time. It was in part because of Burbank's work that the U.S. government enacted patent legislation to protect the scientific discoveries of plant breeders. Thomas Edison said that the legislation would "give us many Burbanks."

Breakthroughs in genetics have resulted in the development of hundreds of new varieties of fruits and vegetables. Fruit-breeding pioneer Fred Zaiger, for example, holds more than 100 U.S. plant patents and has achieved international recognition for his contributions to the fruit industry.



Members of the California Department of Food and Agriculture's executive team work in partnership with industry, academia and government to adapt public policy to a rapidly changing and innovative industry — California agriculture.

Seated in this picture is William (Bill) J. Lyons Jr., Secretary. Standing behind Secretary Lyons, from left to right, are Lourminia Sen, Ag/Environmental Science Advisor; Karen Manor, Special Assistant; and Helen Lopez, Special Assistant. Standing in the back row, from left to right, are Vanessa Arellano, Assistant Secretary; Elaine Trevino, Assistant Secretary; Valerie Brown, Deputy Secretary; Steve Lyle, Director of Public Affairs; Bob Wynn, Statewide Coordinator, Pierce's Disease Control Program; Chris Stevens, General Counsel; Dan Webb, Deputy Secretary; and Tad Bell, Undersecretary. Not pictured is Chris Wagaman, Deputy Secretary.

Advancements in irrigation, including the use of drip irrigation, have revolutionized agriculture's use of our most precious resource. Thanks to improvements in irrigation systems, many farmers are able to use less water with more precision.

*“The Pierce’s disease/
glassy-winged sharpshooter
program is a model of public-
private partnership. California’s
wine growers have such confidence
in the program that we are
assessing ourselves more than
\$6 million annually.”*

John DeLuca, President and CEO
Wine Institute

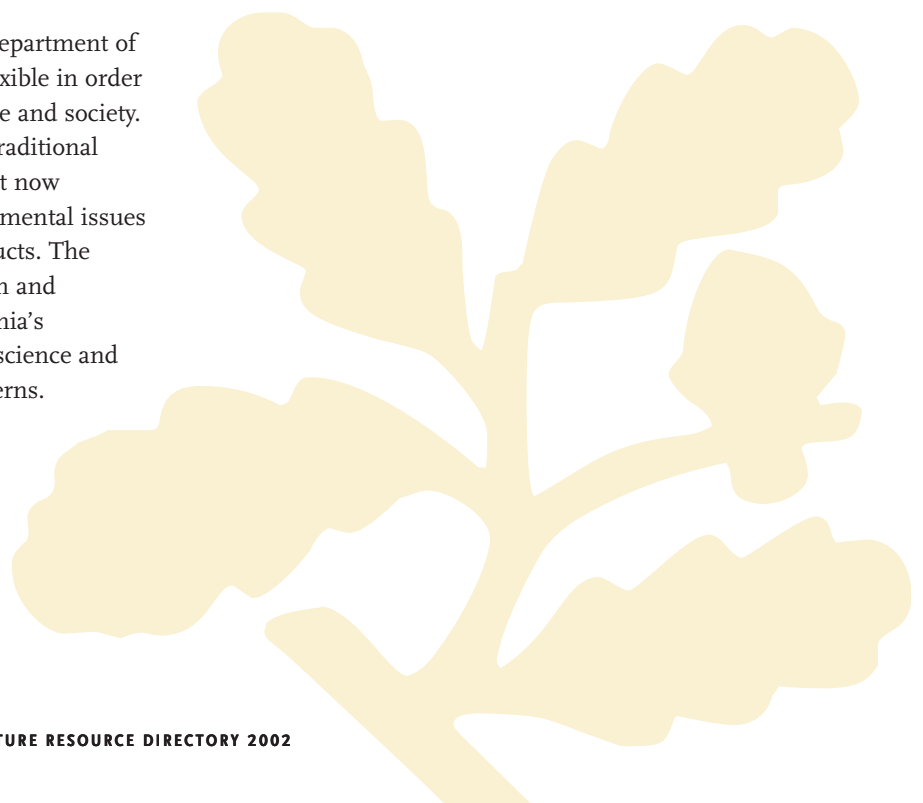
The adoption of precision agriculture also continues to keep California’s farming and ranching operations in the vanguard of progress. Farmers use satellite-based global positioning systems, for example, to track field data with great accuracy.

In this climate of innovation, the California Department of Food and Agriculture has always remained flexible in order to meet the changing needs of both agriculture and society. The department’s priorities include not only traditional strategies such as pest and disease control, but now encompass such things as addressing environmental issues and marketing of California agricultural products. The department is continually updating its mission and expanding its vision to make sure that California’s agricultural policies keep up with changes in science and markets, along with industry and public concerns.



This year, Governor Davis launched the Buy California Initiative, the cornerstone of which is the California Grown marketing campaign. California Grown is the Golden State’s opportunity to showcase the tremendous agricultural resource that is vital to our economy and our heritage. By promoting California-grown agricultural products, we are investing in California’s economy, supporting our state’s farmers and ranchers, and protecting jobs that will keep our rural communities vibrant and alive for years to come.

California is the nation’s number one agricultural state not just in production statistics, but in ideas, vision and spirit. As long as both industry and government cultivate these qualities, the Golden State’s agricultural future will be bright.



CALIFORNIA GROWN: CHANGING THE WAY CALIFORNIANS SHOP

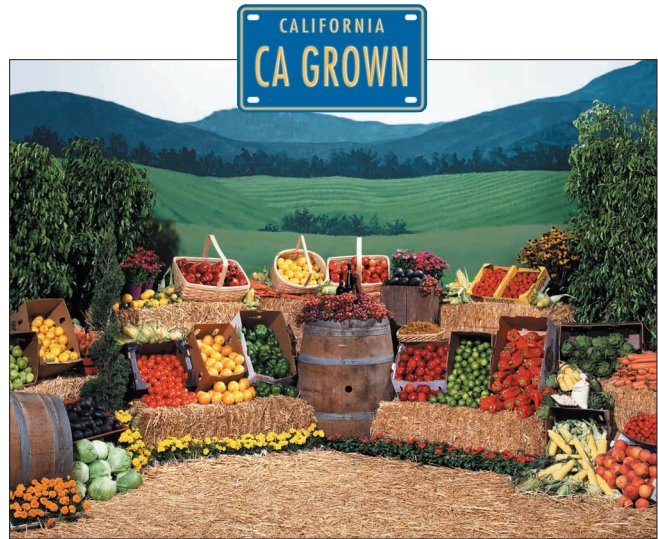
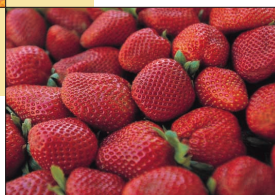
What began as an idea to support California agriculture has blossomed into an extensive marketing campaign to influence purchasing decisions at the grocer's check-out counter.

What is this campaign?

It is an innovative statewide marketing effort with a very simple premise: California Grown will help to bolster the future of California's agricultural industry by encouraging consumers to buy California agricultural products. Research shows that Californians will purchase fruits, vegetables and other agricultural products grown in their home state if they know the origin. It's a simple matter of communication, and that's what the marketing program is all about.

The California Department of Food and Agriculture is overseeing the campaign in conjunction with an advisory body — the Buy California Marketing Agreement, which comprises some 20 industry organizations. The marketing agreement came about as the result of Governor Davis' Central Valley Economic Development Summit held in 2000. The campaign is supported by federal, state and industry funds. And, together, industry and government are working to execute this cross-commodity campaign.

Already, this effort has transformed an idea into reality. Consumers are hearing about the California Grown campaign through statewide marketing efforts that were launched in August 2002. In addition, the program is partnering with retailers to promote the message. From tiny stickers and big signs in the produce aisle, to billboards and television commercials, the campaign will inform Californians that they should buy "California Grown."



The California Grown campaign encourages Californians to buy agricultural goods grown in the Golden State through advertising and retail promotions.

Education, Research, Food Safety... It's All Part of the Plan

The consumer campaign is a key part of the program, but there's more to the overall initiative. The remainder of the Buy California Initiative will fund a wide-ranging array of projects, from educating our younger generations about the importance of healthy diets to identifying new ways for farmers to protect the environment.

With this new campaign and initiative, the Davis administration and California's agricultural industry are promoting our state's great bounty. According to Governor Davis, "Today, every Californian has a stake in the success of rural California. It's time to remind the world that we have the best farmers and ranchers, and the best agricultural bounty on God's green earth."

COMMON GROUND: SYNTHESIZING AGRICULTURAL AND ENVIRONMENTAL POLICIES

Can the agricultural and environmental communities agree on much? “Much more than each side realizes,” says an enthusiastic Steve Shaffer, who heads the California Department of Food and Agriculture’s new Office of Agriculture and Environmental Stewardship. In its short existence, Shaffer’s office has become instrumental in assisting both communities, plus other stakeholders, find common ground to achieve lasting agreements and policy solutions.

The office also provides accurate and timely information, ensuring a solid scientific basis for government actions. Says Shaffer: “Whether it’s a new regulation, or it’s regulatory relief, or it’s an incentive program, whatever the action, there needs to be a scientific foundation. Within this office, we now have an excellent technical and scientific group allowing us to engage the agricultural community, regulatory agencies and environmental groups on a technical level. This is making it possible for the department to improve the state’s scientific foundation for regulatory actions.”



The Office of Pesticide Consultation and Analysis works collaboratively with the Agricultural and Environmental Stewardship group. It has become the department’s eyes and ears on all state and federal pesticide regulatory issues. To accomplish this mission, the office provides economic analysis of proposed pesticide regulatory actions, working closely with the California Department of Pesticide Regulation, U.S. Department of Agriculture, U.S. Environmental Protection Agency, and the University of California. Pictured from left to right: John Steggall, Senior Environmental Scientist; Dave Luscher, Senior Agricultural Biologist; Lisa Serrano, Office Technician; Charles Goodman, Senior Research Manager; and Barbara Todd, Senior Research Program Specialist.



The Office of Agriculture and Environmental Stewardship helps to ensure a solid scientific basis for regulatory actions. Pictured from left to right: Matt Summers, Air Resources Engineer; Casey Walsh Cady, Environmental Scientist; Steve Shaffer, Director; Carmen Mello, Management Services Technician; Ken Trott, Staff Environmental Scientist; Al Vargas, Staff Environmental Scientist; George Bluhm, Air Resources Engineer; and Matt Reeve, Staff Environmental Scientist. Not pictured is Gerry Miller, Senior Environmental Planner.

Shaffer observes: “This is a whole new scientific and technical exchange that’s been generated. Our goal is to encourage reasonableness in regulations. This will, in turn, help to build confidence on the part of the agricultural community in terms of the regulatory process.”

The Agriculture and Environmental Stewardship office not only advises and communicates, but also implements sound public policy. In its short existence, the office has assembled an impressive record of accomplishments.

New Uses for an Old Agricultural Byproduct

The Rice Straw Utilization Tax Credit Program provides \$400,000 per year in tax credits (at a rate of \$15 per ton of rice straw utilized) to those who make environmentally sound use of rice straw. The popular program has been used mainly by dairy operations that use straw as bedding material in barns. The state Air Resources Board, the environmental community and the American Lung Association support the program. Shaffer says that these entities “recognize that California farmers have done their

part in reducing rice straw burning, and they need some help in terms of moving the rice straw off their fields in an economically viable manner.”

There is also the Rice Straw Utilization Grants Program. This program has been funded at \$2 million, with grants allocated at a rate of \$20 per ton of rice straw utilized. Eligible rice straw uses include cattle feed, composting and erosion control. It is estimated that the tax credit and grants programs account for 70 percent of rice straw being utilized in the state.

Finding Lasting Solutions

In the CALFED Bay-Delta Program, which is designed to address the state’s critical water needs, the Agriculture and Environmental Stewardship office is the lead agency staff for CALFED’s Working Landscapes Subcommittee. The subcommittee is an outgrowth of the department’s success in getting CALFED to recognize that actions such as ecosystem restoration may impact agriculture. To this end, the subcommittee, which brings together state, federal and local agencies, plus agricultural and environmental organizations, seeks to create partnerships to meet ecosystem restoration goals and, more broadly, create beneficial outcomes for agriculture and the environment.

An important issue for the west side of the San Joaquin Valley, the Tulare Basin and Imperial Valley is the need to carefully manage irrigation drainage water to maintain productivity of the land and protect the environment. In looking for an innovative approach to this problem, the office spearheaded a coordinated effort of farmers, state agencies and environmental groups. Their efforts resulted in streamlined water quality regulations — through Senate Bill 1372 (Machado) — that will reduce grower costs while improving on-farm water use efficiency and protecting wildlife and water quality.

California is the nation’s largest producer of dairy products. To protect streams and groundwater from inadvertent pollution, the office is actively involved in the California Dairy Quality Assurance Program. This effort brings together government agencies and the dairy industry to address food safety, animal welfare and environmental stewardship in milk production. Staff helped develop and implement a program of producer education, self-assessment, and independent evaluation that has resulted in 105 producer evaluations and 80 producers achieving certification.

The agricultural sector has come under increasing attention to help improve air quality. As cities continue to spread into the rural landscape, there is increased pressure on all industries to reduce air emissions. This can have a significant impact on agriculture. In order to assess this impact, from both the scientific and economic perspectives, the office’s research has found that air emission estimates from agricultural sources are often based on outdated studies. Some previous estimates of emissions from dairies, for instance, could be overstated by a factor of 3 to 10.

*“Thank you for your efforts
on behalf of a sustainable
and healthy future for California
agriculture and its environment.”*

Ben Wallace, Conservation Associate
California Wilderness Coalition

Further, the office was a key part of the department’s push to develop information to assist with passage of the agricultural provisions of SB 5X. The bill creates incentives to purchase high efficiency agricultural equipment, retrofit equipment to burn alternative fuels, purchase advanced metering equipment, replace inefficient agricultural pumps, and develop bio-gas digestion power production on dairies and other facilities. So far, 10 dairies have been approved to install anaerobic digesters for their on-site power needs, turning waste product into 1815 kilowatts of renewable energy. This is enough energy to light nearly 2,000 homes.

Summing up his unit’s vision, Steve Shaffer says: “Agriculture is not just food, feed and fiber. Agriculture helps society by providing open space, wildlife habitat, flood protection and much more.”

Agriculture is getting smarter in its environmental practices because farmers “want to sustain this resource for future generations.” Importantly, Shaffer notes: “This is the same perspective that the environmental community has. Agriculture needs good air and water quality to be productive. There are commonalities, but they have different cultures.” By bringing those two cultures together, the Agriculture and Environmental Stewardship office is helping to guarantee a cleaner and more prosperous future for all Californians.

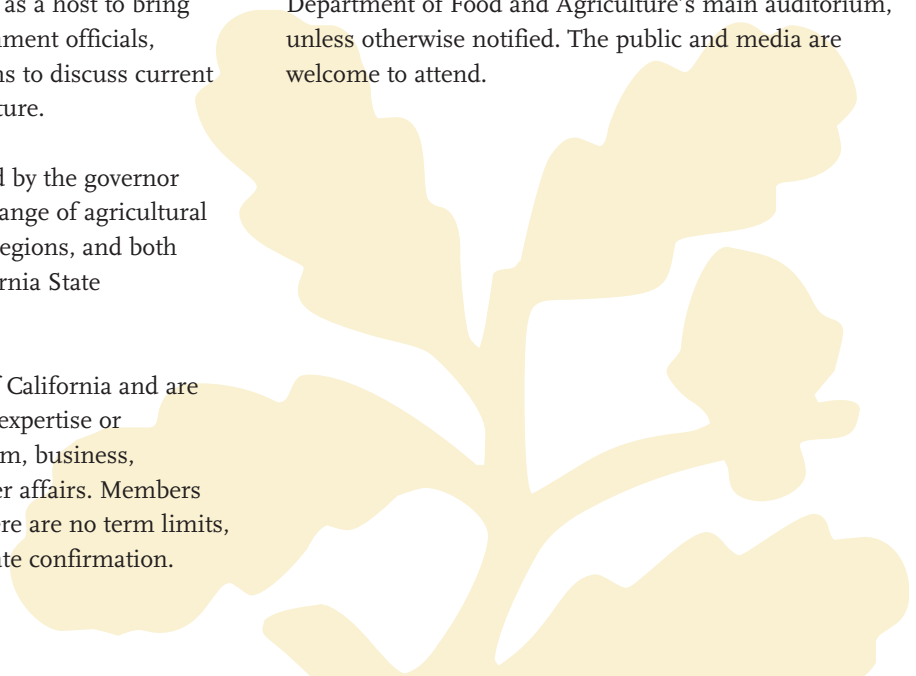
STATE BOARD OF FOOD AND AGRICULTURE

The California State Board of Food and Agriculture advises the governor and secretary on agricultural issues and consumer needs. The board often acts as a host to bring together local, state and federal government officials, agricultural representatives and citizens to discuss current issues of concern to California agriculture.

The board's 15 members are appointed by the governor and are selected to represent a broad range of agricultural commodities, a variety of geographic regions, and both the University of California and California State University systems.

Members of the board are residents of California and are specially qualified for service through expertise or experience in the following arenas: farm, business, economic, environmental, or consumer affairs. Members serve four-year terms without pay. There are no term limits, and appointments do not require Senate confirmation.

The California State Board of Food and Agriculture meets the last Wednesday of every month at the California Department of Food and Agriculture's main auditorium, unless otherwise notified. The public and media are welcome to attend.



BOARD MEMBERS

Charles "Chuck" Ahlem
Dairy farmer representing the agricultural industry.

Drue P. Brown
Agricultural and environmental specialist representing the agricultural industry.

A. Charles Crabb, Ph.D.
Representing the California State University at Chico, College of Agriculture.

Mary Eisen Cramer
Rancher representing the agricultural industry.

W.R. "Reg" Gomes, Ph.D.
Representing agriculture and natural resources programs for the University of California.

John H. Hayashi
Vegetable farmer and irrigation specialist representing the agricultural industry.

John C. Hisserich, Dr. P.H.
Representing the general public with expertise in public health.

Charlie Hoppin
Diversified farmer representing the agricultural industry.

A.G. Kawamura
Produce grower and shipper representing the agricultural industry.

Douglas Maddox
Dairy farmer representing the agricultural industry.

Craig McNamara
Diversified farmer representing the agricultural industry.

Marvin A. Meyers
Diversified farmer representing the agricultural industry.

Mary Borba Parente
Dairy farmer representing the agricultural industry.

Karen Ross
Representing the agricultural industry from the winegrape sector.



What happens when you combine the rich traditions of agrarian life with the robust trend-setting spirit that defines California? Answer: You get the most productive and progressive agricultural economy in the world.

The Golden State — with its astounding diversity of crops and climates — is a place where innovation is the tradition. For this we can thank a cadre of dedicated professionals who are constantly seeking out the next big thing on the agriculture scene — ideas that promote efficiency, protect natural resources, and help produce the highest quality agricultural goods in the world.

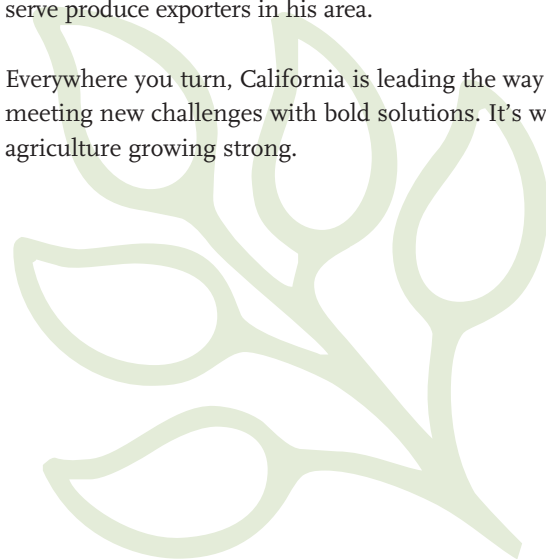
The articles that follow offer a snapshot of people setting the pace of change in California agriculture. They are individuals who respect the history of farming and ranching in our state and are working to carve out a bright future through creative new ideas.

At border stations in Blythe and Needles, a speedy new way of identifying insects traveling aboard vehicles entering the state has revolutionized the inspection process. Instead of shipping specimens to the state laboratory in Sacramento via ground transportation, images of the pest are e-mailed to scientists who can identify them within minutes. Now, trucks carrying perishable goods can get them to market more quickly by avoiding long waits at the border.

In Susanville, fifth-generation rancher Hannah Tangeman-Cheney is ushering her family's enterprise into its 140th year. Blending a deep respect for the land passed down by her forebears with a modern sensibility for resource management, Tangeman-Cheney exemplifies how tradition and innovation coexist in California agriculture today.

As the world around us changes, so must agriculture. Three county agricultural commissioners explain what they're doing to keep up with ever-increasing demands. Christine Turner of Placer County tells how a marketing director is boosting sales and promoting agri-tourism to help growers in her area. Eric Lauritzen explains how he's serving Monterey County's vegetable industry by offering organic certification for farming operations. And San Joaquin County's Scott Hudson describes how a new program to streamline documents will serve produce exporters in his area.

Everywhere you turn, California is leading the way by meeting new challenges with bold solutions. It's what keeps agriculture growing strong.



Profiles



Keep on Truckin': Innovation in Pest Exclusion Speeds Commerce

Dennis Day notices a lot more truck drivers smiling these days. That's because an innovation at agricultural inspection stations is cutting drivers' wait times at the border, helping them get their perishable loads to market more quickly.

"They love it," says Day, a plant quarantine supervisor at the agricultural inspection station in Blythe, describing the reaction from haulers, shippers and brokers of fresh produce.

So what's everyone grinning about? New digital imaging technology that is speeding up the process of identifying pests found on commercial produce shipments entering the state. Instead of waiting days for a decision on whether a truck can enter California, it takes hours, sometimes minutes.

Bill Sandige, a program supervisor with the California Department of Food and Agriculture's Pest Exclusion Branch, says the department first became interested in a digital imaging system for pest identification after hearing about Arizona's recent success with it.

The technology is currently in place at two California inspection stations, Blythe and Needles, but Sandige anticipates that all the stations will adopt digital imaging.

The need is certainly there. Each year, about 33 million vehicles (a fifth of them trucks) pass through California's 16 agricultural inspection stations located along the state's borders. The purpose of the stations is to prevent harmful pests, such as gypsy moth or Japanese beetle, from entering the state.

When non-commercial vehicles are carrying pests (remember the box of apples Aunt Betty sent home with you?) the process is straightforward: the finding is noted, station personnel dispose of the product, and the driver continues on his way.

Because of the volume of goods they carry, commercial vehicles undergo a more involved examination. When a truck arrives at a border station, it is inspected both inside and out. Samples from the load, such as mangos from Mexico or grapefruit from Florida, are examined for pests.

If the load comes up clean, the truck continues to its destination.

If a live pest is found, however, it must be identified before the truck can be cleared for entry. Shipments containing benign or widely established pests get the green light. When a more threatening critter is found onboard, the load is rejected and must return to its point of origin. About 70,000 lots of materials were turned away in 2001.

The time-consuming part is getting the pest from the station to an expert who can identify it. Stations without digital imaging must do it the old-fashioned way. That means putting the specimen into a vial and shipping it overnight to the department's Meadowview laboratory in Sacramento. All told, the process takes a minimum of two days, and it could take longer if shipments are delayed or the discovery is made on a weekend.

The processing time has changed at the high-volume Blythe and Needles stations. When a live pest is found, station personnel mount it on a slide and photograph it under a microscope, creating a magnified digital image of the creature. The images are then transmitted via e-mail to the Meadowview lab.

Within minutes, the work of Dr. John Sorensen, a senior insect biosystematist, and his colleagues begins. Because a majority of the specimens are ants — Sorensen's area of expertise — the bulk of the identification duty falls to him. He opens the e-mail, views the images and, provided he can see the distinguishing characteristics, identifies the insect.

"It has made things immensely faster," says inspector Day. And because hurried truck drivers are no longer delayed there for days, the Blythe inspection station has become a more enjoyable place to work.

"It makes the whole environment much more pleasant because the truck drivers know that we're doing everything we can to get them on their way," says Day.

Profiles



Cultivating a Legacy: A Rancher Looks Back — and Ahead

If anyone knows about California's rich agricultural tradition, it's Hannah Tangeman-Cheney. The ranch she now owns and operates has been in her family for 140 years — and still counting.

Nestled against Diamond Mountain about seven miles south of Susanville in Lassen County, the Hulsman Ranch is a testament to the resilience of farmers and ranchers in California. Tangeman-Cheney's great, great grandfather, John F. Hulsman, purchased the property from Peter Lassen's estate in 1862 and, aside from a brief period in the 1930s when a bank assumed ownership of the ranch, it has remained in the family's hands ever since.

To keep a farm operational for five generations is no small feat. In fact, the Hulsman Ranch is one of only a handful of California's agricultural entities that belong to the 100 Year Club cosponsored by the California State Fair as a way of celebrating our state's agricultural heritage.

What's even more unique about the Hulsman Ranch is that since 1914, it has been owned and operated by women — a claim few farms can make. According to data from the most recent census of agriculture, women operate 8.6 percent of all working farms in the United States. Tangeman-Cheney, however, is unfazed by the legacy of female proprietorship at the Hulsman Ranch.

"I don't think I looked at it as unusual," she says. "I just thought of it as something the women in our family had always done."

Tangeman-Cheney returned to the Hulsman Ranch in 1982 after completing a degree in ag business at Cal Poly so that she could assist her mother, who had suffered a heart attack. She and her sister Susan Tangeman, a veterinarian, assumed ownership of the ranch in the 1990s.

Today, the timber, cattle and sheep operation is thriving thanks to the sisters' resourcefulness and commitment to long-term planning. Although timber has always grown on the ranch property, it wasn't until Tangeman-Cheney and her sister took over that they began to consider it as a source of income.

"I wouldn't necessarily characterize us as cutting edge, but given the resources that we have, we try to find management practices that work in harmony with the land and allow us to stay here long-term," explains Tangeman-Cheney.

This has meant working with a licensed professional forester to develop a non-industrial timber management plan and become a green-certified timber operation. Green certification by the Forest Stewardship Council means that the timber is raised and harvested on a sustainable basis or, in Tangeman's words, "you're never cutting more than you're growing, and you're respecting the resource." It also entails proper riparian management and erosion control.

Is farming much different today than it was 100 years ago? Tangeman-Cheney certainly thinks so, in part because of technological innovations. She and her sister recently uncovered a journal written by her aunt in 1937 that describes how several employees and family members put up more than 300 acres of hay using horses — a task Tangeman-Cheney finds daunting. Thanks to modern machinery, she and one employee complete that same job today in a fraction of the time.

Tangeman-Cheney doesn't long for the good ol' days. "I'm not a romantic," she explains — yet her approach to modernization is a relatively cautious one. In her opinion, the ranch itself — including its limitations in terms of topography and weather — should dictate what new technologies are appropriate to adopt.

"We can't force technology onto our property," she asserts. "The latest technology may not be compatible with our resource, so I think we have to be careful about technology and make sure that it fits our long-term needs."

So what innovations will the next generation utilize on the ranch? "Information technology, getting information about things like marketing and pricing to farmers quickly," Tangeman-Cheney predicts.

"There's a real beauty where I live, and I hope there's a way to preserve that beauty and still be a viable farming operation." For Tangeman-Cheney, that's an agricultural legacy worth honoring.

Profiles



Ahead of the Curve: Ag Commissioners Embrace Innovation

If there's one thing California's 55 county agricultural commissioners can agree on, it's that there's no such thing as a typical day in their line of work. How could there be with so many different tasks to juggle? From weighing in on state and local policy issues to managing core programs to keeping up with day-to-day administrative duties — there's no room for routine.

"Each day is everything but typical," according to Scott Hudson, agricultural commissioner for San Joaquin County.

One thing that has remained consistent in their 121-year history, however, is the ability of commissioners and their staffs to adapt to new changes and challenges alongside industry. In order to provide the best possible service, agricultural commissioners must keep pace with farmers and ranchers as they adopt new technology and advanced agricultural practices.

"Any innovation that we demonstrate is really a reflection of the innovation of the industry itself," says Monterey County Agricultural Commissioner Eric Lauritzen. "So as industry changes, we have to respond."

Keeping current with changes in agriculture has often meant stepping into roles that extend beyond the traditional agricultural commissioner duties. While 20 years ago the bulk of a commissioner's time might have been spent on activities like pest exclusion and enforcing the state's agricultural laws, today's commissioners and their staffs do all that and more.

As pressures from urban growth, environmental regulations, and land use decisions force farmers to farm differently, commissioners' jobs are changing, too. One result, says Placer County Agricultural Commissioner Christine Turner, is that commissioners are now "interfacing more and more with entities that weren't part of the traditional ag arena a few years ago."

Agricultural commissioners are also becoming more innovative in their approach to addressing the needs of their constituencies. In Placer County, for example, a new position — agricultural marketing director — was created to help keep agriculture viable in the face of rapid population growth in the county.

"It's probably the most creative thing this county has done to try to help agriculture survive," says Turner. And the response has been encouraging. "We've gotten a lot of good press and positive feedback from farmers and the community."

In Monterey County, Lauritzen and his staff are committed to keeping pace with the area's forward-thinking vegetable industry by offering customized services to suit their needs. Perhaps the best example is the organic certification program — the first such county program to be approved by both the U.S. Department of Agriculture and the California Department of Food and Agriculture.

New federal standards require that all commodities labeled organic must be certified by an authorized body. The certification program evaluates everything from the materials and cultural practices a grower uses to the history of the field where the product is grown.

Although still a fledgling program, Lauritzen asserts it's a "perfect example of recognizing the changing complexion of agriculture."

The spirit of innovation is also alive in San Joaquin County, where Hudson and his staff are working with the U.S. Department of Agriculture to develop a system that uses technology to assist growers who ship their products overseas.

Still in its testing stage, the system would allow for electronic issuance and tracking of phytosanitary certificates, the paperwork verifying that a product meets an importing country's quarantine requirements. The online system would speed up the certification process, a big plus for busy shippers rushing to get their products to port. It would also save time for county inspectors who must travel from shed to shed to finalize the certificates.

"New technology can be expensive, but we're committed to putting significant resources into it," says Hudson. "If we're going to provide good customer service to industry, we have to keep up with the technology that they're using — and they've become quite innovative."



PROGRAMS AND SERVICES

AGRICULTURAL EXPORT PROGRAM

Believing that it is in the best interest of the state's economy to expand global trade of agricultural products, the California Legislature established the Agricultural Export Program in 1985. The program provides both the experienced and novice exporter with an array of market entry activities aimed at gaining access to international sales channels for their products.

Trade Development

The Agricultural Export Program sponsors dozens of trade development activities specifically designed to open new markets or expand opportunities in established ones. Activities include tradeshow, trade missions, one-on-one meetings, in-store promotions and research to provide California industry members with the support needed to enter the international marketplace.

Agricultural Export Program activities are independently held, or coordinated in partnership with the U.S. Department of Agriculture's Foreign Agricultural Service; National Association of State Departments of Agriculture; Western United States Agricultural Trade Association; and California Technology, Trade and Commerce Agency as well as other federal, regional, state and local trade agencies.

Tradeshows

The California Pavilion offers premiere exposure to the state's agricultural products in a one-stop location. By participating in the California Pavilion, exporters gain



increased visibility in the international market with one brand identity — California Taste the Sunshine. Initiated by the program in 1997, the California Taste the Sunshine identity provides a theme for promotional activities, materials and advertising. California exporters use the logo on their products and packaging to increase consumer identification and awareness. Popularizing the California brand helps to expand recognition of California as a source of diverse and high quality food and fiber products.



NEED FURTHER EXPORT ASSISTANCE?

In addition to marketing services offered by the Agricultural Export Program, the department also offers the following.

Milk and Dairy Foods Control Branch

Provides export certification letters for dairy products.

Contact: Eliana Duenas (916) 654-0785
E-mail: eduenas@cdfa.ca.gov

California Export Laboratory Services

Provides certificates to exporters for chemical testing of food (raw and processed), agricultural products and beverages. Laboratory testing is done according to standards of the importing countries or as specified by exporters.

Contact: General Information (916) 262-1434
E-mail: cacels@cdfa.ca.gov

California Animal Health and Food Safety Laboratory System

Provides certification testing of domestic animals, commercial poultry and commercial salmonids for export. Laboratory services also include testing of raw and processed food animal products to meet established standards for food safety and wholesomeness.

Contact: Dr. Alex A. Ardans (530) 752-8709
E-mail: aardans@ucdavis.edu

Pest Exclusion Branch

Provides phytosanitary certification by plant regulatory officials in order to assist industry and consumers in meeting plant quarantine certification requirements of foreign countries, other states, or the state of California's interior quarantines. Exporters can receive phytosanitary export and import certificates from their local county agricultural commissioner's office (for contact information, refer to the directory section of this publication). Other inquiries can be directed to the department's Pest Exclusion Branch.

Contact: Steve Brown (916) 654-0312
E-mail: sbrown@cdfa.ca.gov

California Pavilions vary in size and are individually designed to reflect the foreign market in which they are held. Pavilion exhibitors receive hands-on assistance from the California Department of Food and Agriculture staff before, during and after the exhibition. Exhibitors also receive increased media attention prior to and during the trade exhibition. Program staff work with California's Offices of International Trade and Investment and the U.S. Department of Agriculture's Foreign Agricultural Trade Specialists to provide value-added services. An example of one valuable service is pre-arranged meetings with foreign buyers to further promote products exhibited during the tradeshow.

To view the Agricultural Export Program's 2003 Tradeshow Calendar, visit the Internet at www.export.cdfa.ca.gov.

Trade Missions

Trade missions are led by Secretary Lyons and are high-level visits that include one-on-one meetings with foreign government agricultural representatives and foreign agricultural industry leaders.

Buying Missions

California, a favorite destination for agricultural buying missions is known throughout the world for its superior quality and diverse offerings of agriculture and food products. The Agricultural Export Program arranges meetings between foreign buyers and California's agricultural producers, brokers and growers. In 2001, the program hosted five delegations comprised of foreign buyer representatives looking for new products to import. Frequently, participating companies will attain increased sales within six months.

Tabletop Shows

The program organizes a centrally located venue for California suppliers to meet with foreign buyers. Buyers represent both mature and emerging markets, including, but not limited to, California's top 10 export destinations. Emerging markets have included Singapore, Malaysia, Indonesia, Argentina and Chile, to name a few. Tabletop shows provide exporters with an introduction to foreign buyers without having to leave the state.

Informational Services

The Agricultural Export Program is dedicated to providing exporters with timely, accurate and reliable information regarding export certificates, tradeshow, agricultural statistics, market research, foreign country import requirements and other general exporting questions.

In January 2003, the program will launch its new Web site and introduce its expanded Internet database of California Food and Agricultural exporters/suppliers and importers/buyers. Inclusion in the database is free to California's food and agriculture suppliers.

Trade Policy

Although all international trade treaties are negotiated between the federal government and foreign national governments, the program acts as a conduit to educate state and federal authorities on issues important to California's agricultural industry. The Agricultural Export Program maintains close working relationships with federal trade officials at the U.S. Department of Agriculture to help solve international trade barriers, as they arise. The program continues to assist exporters in navigating the sometimes complex regulations to gain greater market access and increase California's agricultural export sales.

ANIMAL HEALTH AND FOOD SAFETY SERVICES

California maintains one of the world's safest food supplies, thanks in large part to a food safety system based on strong, flexible, science-based regulations and a responsible, proactive industry.

As the division responsible for animal health and food production, Animal Health and Food Safety Services works to assure that California's animal agriculture products are safe, available and affordable. These goals are achieved by protecting public and animal health while enhancing stewardship of the environment. "We strive always to be a step ahead." As the division's motto, this proactive mindset prepares inspectors, veterinarians, dairy foods specialists and other division staff for new challenges before they occur.

As a member of Governor Davis' State Strategic Committee on Terrorism, the department addressed issues of intentional product contamination, enhanced security of the food and agricultural system and strengthened emergency communication among industry and government. A biosecurity guide for California dairies was distributed to assist them with biosecurity measures to protect California's milk supply.

Animal Health and Food Safety Services comprises five programs: Animal Health, Meat and Poultry Inspection, Milk and Dairy Foods Control, Livestock Identification, and the California Animal Health and Food Safety Laboratory System.

Animal Health

The Animal Health Branch prevents, detects, contains and eradicates emergency animal diseases through surveillance and control of the movement of animals and animal products as well as through regulation of veterinary biologics. Past and current surveillance activities address mad cow disease, bovine tuberculosis, Johnne's, scrapie, West Nile virus and avian influenza. Additionally, the branch is responsible for deterring misuse of drugs in horses entered into competitive events or sales.

On-farm food safety issues are managed through the Animal Production Food Safety Program. The program carries out this mission primarily through voluntary livestock and poultry industry involvement in quality assurance programs. Additionally, the program assists industry and other governmental agencies with specific food safety problems through the development of biosecurity plans.

Livestock Identification

The Bureau of Livestock Identification protects California cattle owners against loss of animals by theft or straying. The program is responsible for livestock brand registration; cattle inspection for lawful possession prior to transportation, sale or slaughter; and assistance to law enforcement on investigations and prosecutions involving cattle theft.



Meat and Poultry Inspection

The Meat and Poultry Inspection Branch provides oversight of establishments that are exempt from federal inspection to ensure that only wholesome, unadulterated, and properly labeled meat and poultry products are provided to consumers. The branch ensures that meat and poultry products not intended for human or pet consumption do not enter the food supply.

Milk and Dairy Foods Control

The Milk and Dairy Foods Control Branch ensures that milk, milk products and goods resembling milk products are safe, unadulterated, meet compositional and microbial requirements and are properly labeled. Branch staff provide inspection and sampling at dairy farms and milk processing plants and certify manufacturers of single-service dairy containers. The branch also ensures that tests used to determine the basis for payment of milk or cream are accurate.

California Animal Health and Food Safety Laboratory System

The California Animal Health and Food Safety Laboratory System — administered by the School of Veterinary Medicine, University of California at Davis — provides reliable, timely and quality diagnostic laboratory support to the state’s animal agriculture industries. It is a major part of California’s early warning system to help protect public health along with the state’s livestock and poultry populations from diseases common to animals and humans. It operates in partnership with the department, University of California, veterinarians, livestock and poultry producers, and the U.S. Department of Agriculture. The system comprises five laboratories: one on the Davis campus and four branch laboratories located in Turlock, Fresno, Tulare and San Bernardino.

FAIRS AND EXPOSITIONS

Agriculture is a vital part of California’s fair industry. Most fairs in the state began as celebrations of the local agricultural harvest. Today, even though many fairs are located in urban or suburban settings, they strive to offer hands-on agricultural exhibits that give fairgoers a chance to learn and experience California’s rich agricultural heritage.

The Division of Fairs and Expositions supports these local efforts by providing oversight to the network of California fairs through the application of law, development and review of policies and procedures, and sound fiscal management.

“..we all truly appreciate your valuable contribution to the annual convention and to the fair industry as a whole.”

Doug Lofstrom, President
Western Fairs Association

Fairs and Expositions’ oversight responsibilities include:

- Distributing state resources to local fairs for base allocations, general fair programs and funding, health and safety repairs, infrastructure improvements, training and education, and wagging facility improvements.
- Creating a framework for administration of the network of California fairs, allowing for a proper balance of local decision-making authority with state oversight.
- Supporting continuous improvement of programs to ensure that California’s fairs remain highly relevant community institutions.
- Ensuring that annual fiscal audits and biennial compliance audits are performed.

California Fair Network

The network of California fairs includes 78 fair organizations that are divided into four categories: 52 active district agricultural associations, 23 county or non-profit fairs, two citrus fruit fairs and the California State Fair. For a complete listing of California's fairs, refer to the directory section of this publication or the Internet at www.cdfa.ca.gov/fe.

Annually, nearly 25 million people attend California's fairs and special events. Local activities at fairgrounds cover the spectrum from educational purposes to broad community services. Some examples of the many valuable activities and programs held at California's fairs include school field trips, Head Start programs, preschool programs, before- and after-school programs, agricultural education programs, weddings, cultural and arts events, concerts, shows, exhibits, livestock events and farmers' markets.

State and local government agencies use fairs as a way to disseminate crucial information about the protection of California's natural, industrial and agricultural resources. The department regularly participates in local fairs to educate the public about important food and agricultural issues, such as eating more fruits and vegetables, pest prevention (Don't Pack a Pest!), food safety and animal health, and promotion of California agricultural products (California Grown). These public outreach activities give communities a closer look at California agriculture and the essential role of this \$27.6 billion industry.

In a much broader sense, all of California's fairs offer innovative educational, cultural and social opportunities that bolster and enrich their local communities. Fairs use their ability to bring people together to help create a sense of community and local pride that mirrors the diversity of their communities. These benefits are realized through the celebration of shared values and interests.

Fairgrounds offer much more than just a place for interaction. They also provide the people of California with local facilities necessary for shelter during emergencies, such as earthquakes, floods, fires and other disasters. During these emergency situations, there is great cooperation between the department, the Office of Emergency Services and local fair organizations to provide safe haven as well as disaster preparedness.



Fairs also contribute to the strength of California's economy by generating approximately \$1.6 billion annually. Economic boosters include revenues received from fair admissions, food and ride concessions, exhibits, entertainment, horse racing and rental of fairground facilities.

In addition to employing approximately 810 permanent staff statewide, the arrival of a community fair acts as an economic accelerator by:

- Providing over 10,000 temporary jobs.
- Providing work experience to those in need of developing basic job skills.
- Generating an estimated \$8 million in state tax revenue from small businesses that sell goods and services at fairs.
- Generating funds for the local community to support a variety of charitable activities.
- Providing small businesses with an opportunity to display and sell merchandise and services.

California Fairs and Horse Racing

California's horse racing law, enacted in 1933, allows wagering at horse tracks as a way to generate public revenues. In the 1980s, new legislation authorized construction of satellite wagering facilities on fairgrounds and stipulated that a portion of revenues raised through such wagering would be returned to fairgrounds for facility maintenance and repair. California's 23 satellite wagering facilities offer simulcast races from all of California's private and fair racetracks as well as national and international horse racing events. A portion of horse racing revenues is allocated to the network of California fairs.

INSPECTION SERVICES

Inspection Services' mission is to ensure that the state's commercial supply of agricultural commodities, fertilizing materials, livestock feed and drug products are safe, wholesome and correctly labeled. Providing the highest degree of consumer protection and grading services is the first priority. Products entering the marketplace must therefore comply with standards for maturity, grade, size, weight, pack and labeling to prevent the sale of substandard commodities.

To accomplish this mission, the Division of Inspection Services comprises four branches: Agricultural Commodities and Regulatory Services; Center for Analytical Chemistry; Fruit, Vegetable and Egg Quality Control; and Shipping Point Inspection.



Agricultural Commodities and Regulatory Services

Feed and Livestock Drug Program

This program ensures that feed and livestock drugs are safe, effective and meet quality guarantees of the manufacturer.

Fertilizer Program

The department's Fertilizer Program ensures that fertilizer products are safe, effective, registered, comply with specific labeling requirements of the California Code of Regulations and meet quality guarantees of the manufacturer.

Fertilizer Research and Education

This program works with growers, private businesses and public agencies to protect ground water from nitrate and other nutrient contamination. Each year the program provides grants to conduct research and establish demonstration projects and educational programs.

Grain and Commodity Inspection

This program is designed to inspect and certify grains, rice, beans and other commodities in accordance with federal and state regulations. All inspectors, samplers and technicians are licensed by the federal government, which monitors licensed personnel to ensure uniform inspection.

Center for Analytical Chemistry

The department's Center for Analytical Chemistry provides analysis of pesticide residues in fresh fruits and vegetables. In addition, chemical analysis for label compliance, quality, antibiotics residues, and various contaminants are performed on dairy products, animal feeds and fertilizer products. The center also operates California's Export Laboratory Services, which is designed to provide analytical services to agribusinesses that export commodities to foreign markets.

Fruit, Vegetable and Egg Quality Control

This branch involves seven distinct program elements:

Avocado Certification

This certification program inspects avocados at the point of packing to ensure compliance with maturity, quality, size and weight standards.



California Organic Program

The California Organic Program enforces provisions of law that govern the sale of foods labeled as organic.

Direct Marketing

California's Direct Marketing Program enforces provisions of law governing the certification of producers and farmers' markets and the sale of agricultural products at farmers' markets.

Egg Quality Control

The Egg Quality Control Program ensures that healthful, wholesome and high-quality eggs are marketed in California.

Processing Tomato Inspection

The department's Processing Tomato Inspection unit provides training and oversight of a program that inspects processing tomatoes for defects, color and soluble solids or sugars.

Standardization

This program enforces and maintains minimum standards for quality, maturity, container, marketing size and packing requirements of California fruits and vegetables.

Wine Grape Inspection

California's Wine Grape Inspection Program provides training and oversight in the inspection of wine grapes and byproducts.







Shipping Point Inspection

The Shipping Point Inspection Branch operates under a federal-state cooperative agreement with the U.S. Department of Agriculture. Under this agreement, department inspectors use federal grade standards for fruits, nuts and vegetables, as well as issue federal-state inspection certificates. The branch makes available an optional third-party grading and certification service to the fruit, nut and vegetable industries at all points of origin and most receiving points in the state. It is also the official certifier of all commodities required to meet export specifications.

MARKETING SERVICES

The Division of Marketing Services ensures an equitable and orderly marketplace for California's food and agricultural products by administering a number of marketing programs. These programs were established to encourage efficient production and trade of California's diverse agricultural products at reasonable prices to consumers.

Specifically, the division provides:

-  Administrative guidance and oversight to California's 51 marketing boards.
-  Establishment of minimum prices that processors must pay to purchase bulk milk from dairy farmers.
-  Information and economic analysis on dairy marketing and key agricultural issues.
-  Accurate accounting and verification of nearly \$4 billion in payments made to California dairy producers each year.
-  Confidence and stability in agricultural markets through an effective licensing program of agricultural handlers and processors.
-  Preparation of statistics on California agriculture through a joint federal-state cooperative agreement.

Marketing Services comprises five branches: California Agricultural Statistics Service, Dairy Marketing, Market Enforcement, Marketing and Milk Pooling.



California Agricultural Statistics Service

In conjunction with the U.S. Department of Agriculture's National Agricultural Statistics Service, the California Agricultural Statistics Service prepares and distributes data on California agriculture. Activities include estimates of planted and harvested acreage, production, stocks and crop use. Information prepared by the service enables interested parties to make sound marketing and economic decisions.

The California Agricultural Statistics Service compiled much of the agricultural production data throughout this publication.

Dairy Marketing

Dairy Marketing encourages the sound production and marketing of dairy products by helping formulate California's public policy on major dairy marketing and pricing issues. Specifically, the program establishes minimum milk farm prices and enforces statutes prohibiting unlawful marketing practices related to milk and dairy products.

Market Enforcement

This program promotes and fosters equitable marketing practices among producers, handlers and processors of California farm products through the regulation of marketing practices. It fulfills this mission by issuing licenses, conducting audits and applying corrective enforcement, as needed.

Marketing

This program provides administrative guidance for California marketing programs established under state law. There are 25 marketing orders and three marketing agreements, including the Buy California Marketing Agreement, operating under the Marketing Act. In addition, three councils and 20 commissions operate under their individual laws. These organizations authorize commodity producers and/or handlers to collectively assess themselves to create and conduct advertising, sales promotion, research and inspection programs that benefit the industry as a whole.

Milk Pooling

The primary focus of this program is to administer the Gonsalves Milk Pooling Act. The Milk Pooling Branch serves as an intermediary for milk sales transactions and determines how revenues are to be collected from California's 160 processing plants and re-distributed to the state's 2,100 dairy producers every month. The branch also conducts regular audits to ensure that processing plants are billed according to how the milk was used (i.e., according to the products produced).

MEASUREMENT STANDARDS

The Division of Measurement Standards prides itself on a mission to preserve and maintain the standards of measurement essential to provide a basis of value comparison and fair competition in the marketplace.

The division fulfills its mission through enforcement of California laws and regulations governing weights and measures by ensuring the accuracy of commercial weighing and measuring devices; verifying the quantity of both bulk and packaged commodities; and enforcing quality, advertising and labeling standards for most petroleum products.

The division comprises three branches that work closely with county sealers of weights and measures to carry out the vast majority of enforcement activities at the local level.

Compliance and Evaluation Branch

California law requires that all new models of commercial weighing and measuring devices be evaluated and approved by the California Department of Food and Agriculture prior to use in the state. This activity is carried out through two programs:

California Type Evaluation Program

This program operates one of only four laboratories in the National Type Evaluation Program and United States/Canada Mutual Recognition Program. As the only authorized laboratory in the Western United States, the California laboratory serves to evaluate and approve weighing and measuring devices for manufacturers in California as well as other states and countries. These devices are typically marketed throughout the United States and are used commercially to ensure accurate transactions involving measurable commodities.

Measurement Compliance Program

The Measurement Compliance Program is composed of three distinct functions. The first is to minimize measurement error in commercial transactions through periodic inspection and testing of commercial weighing and measuring devices, such as supermarket checkout scales, gasoline dispensers and large capacity truck scales.

The second function assures that sales of commodities are accurately measured to minimize errors and fraud. The program enforces laws and regulations relative to the Fair

Packaging and Labeling Act to minimize deceptive packaging and to ensure value comparison in the marketplace.

The third function of this program is responsible for registering service agencies and their employees who perform services for users of commercial weights and measures devices.

The program also continues to take a strong proactive stand on uniformity issues. With more than 700 weights and measures jurisdictions in the United States alone, interstate commerce could virtually stop if device specifications and label requirements differed from jurisdiction to jurisdiction. Manufacturing costs would soar if custom products were required in different regions. The same problems would exist on a global scale. For this reason, the program works closely with national and international organizations to develop standards for weights and measures activities.

Metrology Branch

The Metrology Branch maintains the state standards of measurement, in concert with the National Institute of Standards and Technology, which form the legal and scientific basis for all California commercial transactions involving weights and measures. The branch also coordinates measurement activities among local agencies, industry and the general public. Part of that activity involves certification of standards used by state and local agencies and industrial clients.

Weighmaster/Petroleum Branch

Petroleum Products Program

The department's Petroleum Products Program maintains minimum quality standards for fuels (gasoline, gasoline/oxygenate blends, diesel fuel, kerosene, compressed natural gas and fuel oil) and most automotive products (motor oil, brake fluid, automatic transmission fluid, gear oil and engine coolants) that are sold in California. It further regulates the advertising and labeling of these products.

The goal of this program is to monitor the marketplace through open inspections and undercover investigations in order to ensure the quality of these products. Inspectors test both routine and suspect samples through the operation of two laboratories within the state. When substandard products are found, the program will remove them from the marketplace and take appropriate enforcement action.



Weighmaster Enforcement Program

The Weighmaster Enforcement Program assures that commercial transactions, based on quantities certified on a weighmaster certificate, are accurate. It carries out this goal by licensing individuals or firms that weigh or measure bulk commodities and by issuing certificates of accuracy.

The program accomplishes enforcement activity through open inspections and undercover investigations. These enforcement activities enable the program to verify weight statements on weighmaster certificates, conduct inspections of establishments involved in bulk sales, and investigate complaints alleging fraudulent use or misuse of weighmaster certificates.

PLANT HEALTH AND PEST PREVENTION SERVICES

The California Department of Food and Agriculture has the only comprehensive program to protect California from exotic and invasive pests. The program, under the Division of Plant Health and Pest Prevention Services, features components for excluding, detecting, eradicating or controlling harmful and invasive insects, weeds, plant diseases, birds, rodents and other destructive pests.

“Governor Davis and Secretary Lyons have provided excellent leadership to combat the glassy-winged sharpshooter and the threat of Pierce’s disease.”

Robert Mondavi,
Founder and Chairman Emeritus
Robert Mondavi Winery

Plant Health and Pest Prevention Services comprises four branches: Pest Exclusion, Pest Detection/Emergency Projects, Integrated Pest Control and Plant Pest Diagnostics.



Scientists at the California Department of Food and Agriculture use their expertise to protect crops from the devastating effects of harmful pests.

Pest Exclusion

The Pest Exclusion Branch keeps dangerous plant pests out of the state and stops or reduces the spread of newly arrived pests or diseases. The branch operates inspection stations along California’s borders to screen cars, trucks and buses for unwanted pests. Large shipments entering by land, sea or air are inspected at unloading and transfer sites within the state. The branch also manages programs for nursery, seed and cotton to ensure that quality standards are met, and provides a certification program for exporters who want to ship pest-free agricultural products to other states and countries.

Pest Detection/Emergency Projects

The Pest Detection/Emergency Projects Branch detects and eradicates new infestations of foreign invasive pests in California. The branch manages an exotic insect pest trapping program that deploys close to 108,000 traps statewide during peak summer months. It has conducted over 60 successful eradication projects in California against serious invasive pests such as Mediterranean fruit fly (Medfly), Japanese beetle and gypsy moth.

The branch maintains a sterile Medfly production laboratory in Hawaii. This state-of-the-art facility produces a male-only strain of Medfly. These sterile flies, and sterile flies from Guatemala and a U.S. Department of Agriculture facility in Hawaii, are released over the Los Angeles basin to prevent Medfly colonization. In addition, the branch partially funds a Mexican fruit fly production facility in Mexico. Flies produced at this facility are used to eradicate incipient infestations of Mexican fruit fly in California.

Integrated Pest Control

The Integrated Pest Control Branch directs seven pest control and eradication programs and one pest control research program. The branch conducts weed and vertebrate pest programs in rangelands, waterways, crops, woodlands and urban areas. It also manages California's largest biological control program, which evaluates, raises and releases natural enemies to provide long-term control of serious established pests.

Plant Pest Diagnostics

The Plant Pest Diagnostics Branch identifies plant diseases, weeds, seeds, nematodes and insect pests from samples submitted by department pest prevention programs, county agricultural agencies, universities and the public. It is located in a state-of-the-art diagnostic facility and maintains important reference collections, including the state's official arthropod collection with 1.5 million specimens, a seed herbarium with 50,000 specimens, a plant herbarium containing 25,000 specimens, and a library with more than 28,000 volumes.

The branch also supports California's agricultural export market by performing analyses needed to determine if shipments meet quarantine certification requirements of other states and countries.





OVERVIEW

The Golden State is, by far, the number-one agricultural producer and exporter in the United States. No other state in the union even comes close. In fact, last year the agricultural marketings of California’s farmers and ranchers reached \$27.6 billion.

California produces one out of every five glasses of milk consumed in the nation. The dairy industry continues to grow at an astonishing rate with milk production jumping 6 percent from 2000 to 2001. It follows then, that California also has some of the largest dairies in the country with more than 700 cows on average, while the United States’ average is less than 100. In 2001, the average milk

production per cow in California was 21,149 pounds, which is 16 percent higher than the national average.

California produces most of the grapes grown in the United States. Warm days and cool nights are very favorable to grapes, so it comes as no surprise that California now produces many of the best wines in the world. In 2001, 91 percent of all grapes (raisin, table and wine) came from right here in the Golden State.

California’s agricultural abundance includes 350 different crops. Among those, the state grows more than half of the nation’s total of fruits, nuts and vegetables. Many of these commodities are specialty crops that are almost solely produced in California.

CROP AND LIVESTOCK COMMODITIES IN WHICH CALIFORNIA LEADS THE NATION ¹

Almonds

Apricots

Artichokes

Asparagus

Avocados

Beans, Black-eyed

Beans, Dry Baby Lima

Beans, Dry Large Lima

Beans, Garbanzo

Broccoli

Brussels Sprouts

Cabbage, Chinese

Carrots

Cauliflower

Celery

Chicory

Currants

Dates

Escarole/Endive

Figs

Flowers, Bulbs

Flowers, Cut

Flowers, Potted Plants

Garlic

Grapes, Raisins

Grapes, Table

Grapes, Wine

Hay, Alfalfa

Hay, Small Grain

Herbs

Kale

Kiwifruit

Lemons

Lettuce, Head

Lettuce, Leaf

Lettuce, Romaine

Melons, Cantaloupe

Melons, Casaba

Melons, Crenshaw

Melons, Honeydew

Melons, Persian

Milk

Milk, Goat

Nectarines

Nursery, Bedding Plants

Nursery Crops

Olives

Onions

Onions, Green

Parsley

Peaches, Clingstone

Peaches, Freestone

Pears, Bartlett

Peas, Chinese

Peppers, Bell

Persimmons

Pigeons and Squabs

Pistachios

Plums

Plums, Dried (Prunes)

Pomegranates

Rabbits

Rice, Sweet

Safflower

Seed, Alfalfa

Seed, Bermuda Grass

Seed, Ladino Clover

Seed, Sudan Grass

Seed, Vegetable and Flower

Spinach

Strawberries

Tomatoes, Processing

Vegetables, Greenhouse

Vegetables, Oriental

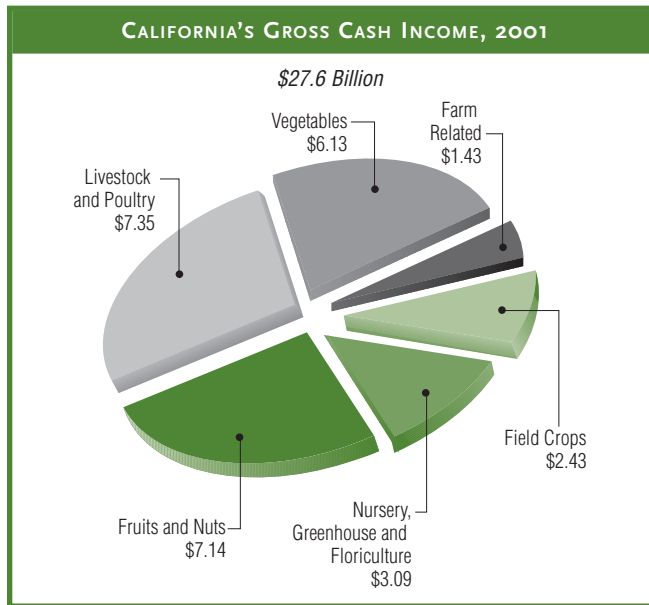
Walnuts

¹ California is the sole producer (99 percent or more) of the commodities in bold.

California's Gross Cash Income for 2001

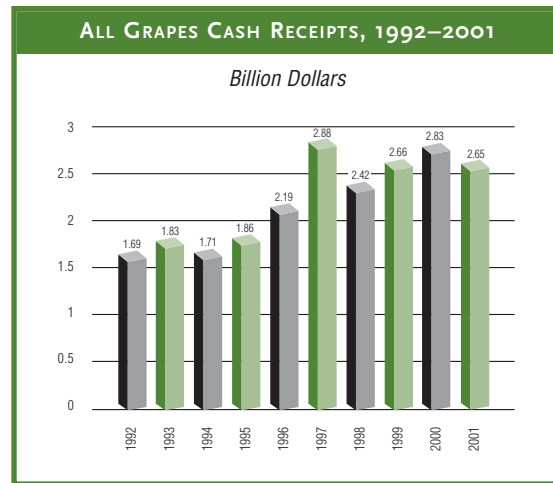
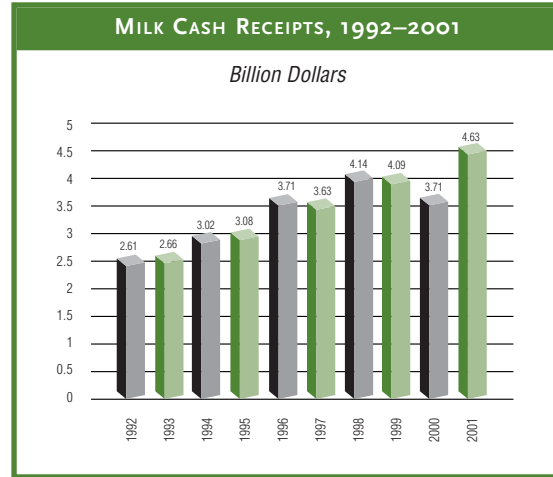
Agricultural production and gross cash income in 2001 increased to \$27.6 billion. This is 1 percent higher than the previous year, but fractionally less than the record income set in 1997. Cash receipts from farm marketings totaled \$26.1 billion, up 2 percent from 2000, while other farm-related income totaled \$1.43 billion.

The chart below indicates total gross cash income from all farm marketings for 2001. Fruit and nut cash receipts, at \$7.14 billion, were 2 percent below last year and comprised 26 percent of the total. Vegetable receipts declined 6 percent, from \$6.54 billion in 2000 to \$6.13 billion in 2001 and comprised 22 percent of the total. Livestock and poultry receipts jumped 18 percent and comprised 27 percent of the total. Nursery, greenhouse and floriculture, with 11 percent of the total, were down 3 percent from last year. Field crops accounted for 9 percent of the total, and cash receipts increased 2 percent from the previous year.



State	Rank	Total Value Billion Dollars
California	1	25.9
Texas	2	13.8
Iowa	3	11.6
Nebraska	4	9.5
Kansas	5	8.1

The Golden State's two leading commodities in cash receipts are milk with \$4.63 billion and grapes with \$2.65 billion. Nationally, California has about 20 percent of the total milk receipts and 91 percent of the grape receipts. Growth in these two commodities over the last 10 years is shown in the following charts.



Notable Increases in Marketings:

Carrots	35%
Cotton, Pima	72%
Hay, Alfalfa	33%
Hay, Other	32%
Milk and Cream	25%
Nectarines	20%
Olives	159%
Oranges, Navel	37%
Oranges, Valencia	142%
Pears, Bartlett	26%
Corn, Sweet	26%
Potatoes, Sweet	23%





Significant Decreases in Marketings:

Boysenberries	25%
Broccoli	24%
Celery	20%
Chickens (other than Broilers)	80%
Corn for Grain	20%
Cotton, Upland	33%
Hogs and Pigs	22%
Lettuce, Leaf	22%
Oats	49%
Pears, Other	28%
Pecans	42%
Pistachios	35%
Plums	24%
Plums, Dried (Prunes)	35%
Rice	36%
Sugar Beets	49%
Tomatoes, Fresh	22%

California Farm Facts

California has 88,000 farming operations. This number represents about 4 percent of the nation’s total; however, these farms account for 13 percent of the national gross cash receipts from farming. In 2001, land in farms totaled 27.7 million acres. Average farm size in California is 315 acres. Some 350 crops are recognized in the state, including seeds, flowers and ornamentals.

This directory contains information on approximately 77 major crops grown on a large commercial scale in California:

-  14 field crops
-  30 fruits and nuts
-  33 vegetables and melons
-  Nursery products and cut flowers

In addition, data are shown for 10 livestock, poultry and other products.

California’s Top 20 Commodities

California’s top 20 crop and livestock commodities account for 74 percent of the state’s gross farm income. Milk and cream production remained number one in 2001, followed by grapes and nursery products.

CALIFORNIA’S TOP 20 COMMODITIES FOR 2001						
Commodity	Value and Rank \$1,000					
	1999		2000		2001	
Milk and Cream	4,090,952	(1)	3,707,255	(1)	4,630,171	(1)
Grapes, All	2,655,766	(2)	2,828,545	(2)	2,650,873	(2)
Nursery	2,008,738	(3)	2,247,256	(3)	2,087,447	(3)
Lettuce, All	1,129,758	(5)	1,494,114	(4)	1,370,004	(4)
Cattle and Calves	1,223,123	(4)	1,218,220	(5)	1,351,500	(5)
Hay, All	767,325	(9)	768,978	(9)	1,020,510	(6)
Flowers	775,877	(8)	931,267	(7)	998,459	(7)
Strawberries	904,132	(7)	839,926	(8)	841,031	(8)
Tomatoes, All	1,117,983	(6)	948,469	(6)	766,260	(9)
Almonds	687,742	(10)	666,487	(11)	731,880	(10)
Cotton, All	672,412	(11)	719,502	(10)	657,893	(11)
Chickens, All	515,268	(12)	471,081	(13)	532,452	(12)
Oranges, All	403,850	(15)	345,654	(14)	514,460	(13)
Broccoli	432,973	(14)	573,562	(12)	438,118	(14)
Carrots, All	433,565	(13)	322,455	(17)	433,919	(15)
Walnuts	250,738	(19)	296,360	(18)	341,600	(16)
Avocados	327,002	(16)	339,594	(15)	315,842	(17)
Celery	209,940	(25)	324,850	(16)	259,865	(18)
Melons, Cantaloupe	221,613	(22)	226,148	(24)	252,277	(19)
Peaches, All	238,160	(21)	251,609	(21)	246,743	(20)

Leading Counties

California has some of the most agriculturally productive counties in the nation. According to the 1997 Census of Agriculture's ranking of market value of agricultural products sold, eight of the nation's top 10 producing counties are in California.

Tulare grabbed the number one spot from Fresno as the leading county in the nation, and in 2001 it reached \$3.49 billion in agricultural value. A large share of Tulare's agricultural productivity comes from milk and cream, which showed a big jump in 2001. If ranked separately, the value of agricultural commodities in Tulare County would rank it ahead of more than half the other states in the nation.

Frost damage was reported in Napa, Sonoma, Mendocino and Lake counties in early April. Grapes and stone fruit in Fresno and Madera counties also suffered damage from frost and hail, but overall damage was minor.

Record high temperatures in May accelerated tree fruit maturity and picking of many fruit crops began. Development of most fruit and nut crops was generally normal throughout the remainder of the growing season, with fairly mild weather in July and August. On the whole, most fruit crops were of good quality. The mild weather during growing and harvesting seasons allowed growers to produce crops with few problems.

As noted earlier, there was little rainfall in January and temperatures were cooler than normal. When a series of Pacific storms moved into the state in February, winter vegetable crop development slowed, interrupting winter harvesting and delaying the planting of summer crops. However, warm weather in late March and April allowed crops to be planted and progress normally. The remainder of the vegetable growing season was uneventful and planting and harvesting proceeded on schedule.

CALIFORNIA'S TOP 10 AGRICULTURAL COUNTIES					
County	Total Value and Rank \$1,000				Leading Commodities
	2000		2001		
Tulare	3,066,533	(2)	3,492,477	(1)	Milk, Oranges, Cattle and Calves
Fresno	3,421,009	(1)	3,215,185	(2)	Cotton, Grapes, Poultry
Monterey	2,923,384	(3)	2,746,244	(3)	Lettuce, Strawberries, Broccoli
Kern	2,211,813	(4)	2,254,306	(4)	Grapes, Citrus, Milk
Merced	1,538,538	(5)	1,703,039	(5)	Milk, Chickens, Cattle and Calves
San Joaquin	1,348,709	(6)	1,389,877	(6)	Milk, Grapes, Cherries
Stanislaus	1,197,302	(8)	1,353,300	(7)	Milk, Almonds, Chickens
San Diego	1,254,378	(7)	1,289,699	(8)	Nursery, Flowers, Avocados
Riverside	1,048,562	(9)	1,124,908	(9)	Milk, Nursery, Grapes
Ventura	1,047,054	(10)	1,053,636	(10)	Strawberries, Lemons, Celery

Weather Highlights for 2001

In California, the 2001 season started with cooler than normal temperatures and below average rainfall in January. The relatively dry month allowed growers to perform the needed orchard and vineyard activities and prepare the ground for planting new crops. The cold temperatures provided sufficient chilling for a good dormancy, which is important for many non-citrus crops.

Large scale weather patterns changed significantly in February as a series of Pacific storms moved into the state, helping to bring precipitation totals closer to normal. The cool, wet weather delayed many cultural activities such as pruning, planting, spraying and ground preparation. Almonds began blooming in late February and reached full bloom by early March. Bee colonies were placed in almond orchards for pollination, but the cool, wet weather often hampered bee activity. Stone fruit blossom began in early March and warm weather through April accelerated crop progress.

Cotton was planted on schedule, but rainfall and cool temperatures during April forced some replanting. A number of growers switched from Upland to American Pima cotton because of poor prices for Upland. Most other field crops progressed normally throughout the year, with only occasional development problems. Insect pressure was generally light and good summer and fall weather allowed harvest to proceed on schedule.



CALIFORNIA'S TOP 20 AGRICULTURAL EXPORTS, 2000-2001					
Commodity	Rank	2001 California Export Value <i>Millions</i>	Rank	2000 California Export Value ¹ <i>Millions</i>	Percent Change
Almonds	1	685.6	1	662.4	3%
Cotton	2	604.5	2	606.7	0%
Wine	3	470.9	3	499.3	-6%
Grapes, Table	4	394.5	4	363.4	9%
Dairy	5	322.1	5	347.6	-7%
Oranges	6	297.5	6	298.1	0%
Tomatoes, Processed	7	211.7	7	207.7	2%
Walnuts	8	179.1	8	169.3	6%
Rice	9	166.4	9	167.3	-1%
Beef and Products	10	154.8	10	162.9	-5%
Prunes	11	149.5	13	140.3	7%
Raisins	12	144.1	12	145.9	-1%
Lettuce	13	142.6	11	156.0	-9%
Strawberries	14	136.1	14	138.7	-2%
Peaches and Nectarines	15	118.7	16	106.1	12%
Pistachios	16	108.9	17	97.9	11%
Broccoli	18	89.2	15	114.3	-22%
Hay	17	86.3	18	93.6	-8%
Lemons	19	74.7	19	79.5	-6%
Carrots	20	68.0	21	58.2	17%

¹ Revised 2000 data

Global Marketplace

California is the nation's leader in agricultural exports, annually shipping more than \$6.5 billion in food and agricultural commodities around the world. It is estimated that 14 percent of California's agricultural production is exported.

In terms of foreign markets, Canada remained the largest destination for California agriculture. Japan was surpassed in 2001 by the European Union and is now the third largest export destination for California agriculture. Collectively, Canada, the European Union and Japan represent nearly 50 percent of agricultural exports from the Golden State.

With key international markets in Asia, Europe and North America, as shown in these two tables, California agriculture is clearly enjoyed around the world.

CALIFORNIA'S TOP 10 AGRICULTURAL EXPORT MARKETS, 2001			
Rank	Country	Value of Principal Exports <i>Millions</i>	Leading Exports
1	Canada	1,137	Lettuce, Table Grapes, Processed Tomatoes
2	European Union	1,024	Almonds, Wine, Walnuts
3	Japan	948	Rice, Cotton, Almonds
4	China/Hong Kong	321	Table Grapes, Oranges, Cotton
5	South Korea	278	Cotton, Oranges, Beef and Products
6	Mexico	275	Cotton, Table Grapes, Dairy
7	Taiwan	218	Cotton, Peaches and Nectarines, Table Grapes
8	Indonesia	96	Cotton, Almonds, Table Grapes
9	India	94	Almonds, Cotton, Table Grapes
10	Malaysia	64	Table Grapes, Oranges, Cotton

CASH INCOME BY COMMODITY GROUPS, 1999–2001							
Source of Income	\$1,000			Source of Income	\$1,000		
	1999	2000	2001		1999	2000	2001
FIELD CROPS				NURSERY, GREENHOUSE AND FLORICULTURE			
Alfalfa Seed	71,011	43,096	51,000	TOTAL	2,761,016	3,178,523	3,085,906
Barley	11,071	18,215	13,070	Percent of			
Beans, Dry	61,035	61,259	52,589	Gross Cash Income	10.4	11.6	11.2
Corn for Grain	61,486	59,606	56,668	VEGETABLE CROPS			
Cotton Lint	579,085	606,643	611,535	Artichokes	75,395	61,021	58,211
Cottonseed	88,618	98,926	94,602	Asparagus	158,330	144,448	165,204
Grain, Sorghum	N/A	656	1,468	Beans, All Snap	32,141	33,311	30,483
Hay, All	440,634	473,619	588,931	Broccoli, All	432,973	573,562	438,118
Oats	1,847	1,732	1,390	Brussels Sprouts	21,419	16,115	14,471
Oil Crops	44,735	38,258	22,729	Cabbage	53,600	75,517	87,718
Potatoes (Excl. Sweet)	172,425	212,433	199,987	Carrots, All	433,565	322,455	433,919
Potatoes, Sweet	63,003	74,813	66,861	Cauliflower	173,725	212,207	185,197
Rice	282,565	208,808	209,227	Celery	209,940	324,850	259,865
Sugar Beets	127,181	95,608	48,853	Corn, Sweet	75,504	66,132	83,625
Wheat	104,744	79,470	96,189	Cucumbers, All	66,322	49,514	49,446
Other Seed Crops	175,900	149,920	155,484	Garlic	219,076	140,447	140,166
Other Field Crops	188,491	165,085	161,575	Lettuce	1,129,758	1,494,114	1,370,004
TOTAL	2,473,831	2,388,147	2,432,158	Melons, Cantaloupe	221,613	226,148	252,277
Percent of				Melons, Honeydew	77,859	68,820	76,146
Gross Cash Income	9.3	8.7	8.8	Melons, Watermelon	61,946	76,998	72,213
FRUIT AND NUT CROPS				Mushrooms	169,948	169,614	169,548
Almonds	687,742	666,487	731,880	Onions	176,186	188,507	184,224
Apples	152,275	110,420	90,989	Peppers, Green	220,997	171,788	147,305
Apricots	30,703	26,679	22,330	Spinach, All	90,493	138,438	146,274
Avocados	328,504	337,574	313,061	Tomatoes, Fresh	255,112	345,680	269,452
Berries, Bushberries	42,746	61,563	54,718	Tomatoes, Processing	862,871	602,789	496,808
Berries, Strawberries	904,132	839,926	841,031	Other Vegetable Crops	927,721	1,036,796	995,727
Cherries	68,866	71,564	79,814	TOTAL	6,146,495	6,539,271	6,126,401
Dates	28,212	22,872	26,247	Percent of			
Figs	12,685	15,226	14,529	Gross Cash Income	23.0	23.9	22.2
Grapefruit	79,084	57,594	60,946	LIVESTOCK, POULTRY AND PRODUCTS			
Grapes	2,647,249	2,830,945	2,653,623	Aquaculture	12,730	13,738	14,385
Kiwifruit	15,215	13,888	15,340	Cattle and Calves	1,223,123	1,218,220	1,351,500
Lemons	230,937	234,846	247,042	Chickens, All	515,268	471,081	532,452
Nectarines	112,497	106,256	127,642	Eggs	263,690	237,561	235,843
Olives	54,954	34,768	90,048	Hogs	29,054	35,563	27,863
Oranges, Navel				Honey	16,665	18,172	18,509
and Miscellaneous	104,097	384,595	386,285	Milk and Cream	4,090,952	3,707,255	4,630,171
Oranges, Valencia	79,462	201,820	185,161	Sheep and Lambs	56,601	58,156	52,974
Peaches, Clingstone	115,740	127,125	110,044	Turkeys	192,938	210,816	211,815
Peaches, Freestone	122,420	124,484	117,510	Wool	1,271	1,160	1,313
Pears	75,379	67,742	78,172	Other Livestock/Poultry	266,791	280,346	269,614
Pecans	2,413	5,168	2,997	TOTAL	6,669,083	6,252,068	7,346,439
Pistachios	163,590	245,430	159,390	Percent of			
Plums	82,041	87,115	66,443	Gross Cash Income	25.0	22.8	26.6
Plums, Dried (Prunes)	109,998	144,126	146,843	TOTAL CASH INCOME FROM MARKETINGS			
Tangerines	17,684	26,752	31,815	TOTAL	24,716,215	25,653,449	26,137,315
Walnuts	250,738	296,360	341,600	FARM RELATED INCOME			
Other Fruits and Nuts	135,393	143,446	140,311	TOTAL	1,927,976	1,719,073	1,432,149
TOTAL	6,654,756	7,284,771	7,135,811	Percent of			
Percent of				Gross Cash Income	7.2	6.3	5.2
Gross Cash Income	25.0	26.6	25.9	GROSS CASH INCOME FROM FARMING ¹			
CHRISTMAS TREES				TOTAL	26,644,191	27,372,522	27,569,464
TOTAL	11,034	10,669	10,600				
Percent of							
Gross Cash Income	0.1	0.1	0.1				

¹ Includes value of home consumption, value of inventory adjustments, machine hire and custom work, forest products sold, rental value of farm dwelling, government payments, and other miscellaneous farm income.

Source: USDA Economic Research Service

FARM INCOME INDICATORS, 1997–2001 ¹					
Item	\$1,000				
	1997	1998	1999	2000	2001
Value of Crop Production	19,480,794	17,313,723	18,346,503	19,551,131	18,515,143
Food grains	482,647	453,770	387,309	288,278	305,416
Feed crops	832,510	535,584	515,038	553,829	661,697
Cotton	1,159,228	950,142	667,703	705,569	706,138
Oil crops	61,013	51,605	44,735	38,258	22,729
Tobacco	—	—	—	—	—
Fruits and tree nuts	7,767,089	6,565,699	6,654,756	7,284,771	7,135,811
Vegetables	5,974,158	5,855,698	6,273,010	6,718,162	6,276,290
All other crops	3,210,994	3,177,142	3,557,680	3,842,261	3,437,799
Home consumption	5,869	5,935	5,802	5,704	5,835
Value of inventory adjustment ²	(12,714)	(281,852)	240,470	114,299	(36,572)
Value of Livestock Production	6,519,196	6,697,288	6,649,322	6,336,828	7,396,182
Meat animals	1,383,972	1,127,393	1,308,778	1,311,939	1,432,337
Dairy products	3,629,762	4,140,659	4,090,952	3,707,255	4,630,171
Poultry and eggs	1,071,112	1,048,318	1,027,944	978,700	1,040,197
Miscellaneous livestock	222,070	214,643	241,409	254,174	243,734
Home consumption	12,803	11,266	11,798	10,341	10,861
Value of inventory adjustment ²	199,477	155,009	(31,559)	74,419	38,882
Revenues from Services and Forestry	1,438,658	1,499,752	1,648,365	1,484,564	1,658,139
Machine hire and customwork	412,089	282,648	292,721	374,381	277,185
Forest products sold	4,203	3,300	5,593	4,738	4,500
Other farm income	372,978	545,318	654,842	413,700	687,180
Gross imputed rental value of farm dwellings	649,388	668,486	695,209	691,745	689,274
VALUE OF AGRICULTURAL SECTOR PRODUCTION ²	27,438,648	25,510,762	26,644,191	27,372,522	27,569,464
less: Purchased Inputs	13,687,952	12,834,222	13,677,511	13,980,171	15,727,587
Farm Origin	3,614,232	3,368,584	3,713,438	4,071,957	4,187,535
Feed purchased	2,441,901	2,244,100	2,422,375	2,688,095	2,593,375
Livestock and poultry purchased	524,018	420,504	565,608	628,795	646,625
Seed purchased	648,025	703,246	725,455	755,067	947,535
Manufactured Inputs	3,075,568	2,778,868	2,857,550	2,915,548	3,319,208
Fertilizers and lime	911,301	763,324	750,646	778,824	811,992
Pesticides	1,109,170	1,068,372	1,016,435	964,504	1,038,689
Petroleum fuel and oils	500,896	434,110	488,110	573,709	608,515
Electricity	554,201	513,062	602,359	598,511	860,012
Other Purchased Inputs	6,998,152	6,686,770	7,106,523	6,992,666	8,220,844
Repair and maintenance of capital items	867,590	761,997	846,731	864,212	787,716
Machine hire and customwork	859,889	1,109,142	1,048,453	788,486	740,996
Marketing, storage, and transportation expenses	1,601,423	1,420,000	1,632,649	1,906,524	2,123,877
Contract labor	1,300,655	1,071,583	1,166,785	1,149,141	1,715,150
Miscellaneous expenses	2,368,595	2,324,048	2,411,905	2,284,303	2,853,105
plus: Net Government Transactions	(375,863)	(243,660)	65,918	66,921	(40,990)
+ Direct government payments	220,475	357,340	668,501	667,466	586,761
- Motor vehicle registration and licensing fees	41,322	41,172	43,067	37,743	41,906
- Property taxes	555,016	559,828	559,516	562,802	585,845
Gross Value Added	13,374,833	12,432,881	13,032,598	13,459,272	11,800,888
less: Capital Consumption	1,014,183	1,041,896	1,048,817	1,044,922	1,056,487
Net Value Added	12,360,650	11,390,984	11,983,781	12,414,350	10,744,400
less: Payments to Stakeholders	5,886,306	6,006,720	6,687,259	6,851,910	6,975,636
Employee compensation (total hired labor)	4,096,107	4,237,847	4,865,338	4,956,621	5,162,965
Net rent received by non-operator landlords	574,984	522,241	525,473	512,313	426,543
Real estate and non-real estate interest	1,215,215	1,246,632	1,296,448	1,382,976	1,386,128
NET FARM INCOME	6,474,344	5,384,264	5,296,522	5,562,440	3,768,764

¹ Value of agricultural sector production is the gross value of commodities and services produced within a year. Net value-added is the sector's contribution to the national economy and is the sum of income from production earned by all factors of production. Net farm income is the farm operators' share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

² A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales. Note: Changes have been made to row labels, but the underlying conceptual measures are unchanged.

Source: USDA Economic Research Service

COMMODITY RANK, ACREAGE, PRODUCTION, VALUE AND LEADING PRODUCING COUNTIES, 2001

Commodity	U.S. Rank ¹	CA Share of U.S. Prod.	Area Harvested	Short Tons (2,000 Lbs.)	Total Value ²	CA Rank ³		Harvest Season	Leading Counties ³
	Number	Percent	1,000 Acres	1,000 Tons	\$1,000	2000	2001		
VEGETABLES									
Total Value — \$6,153,018,000									
Artichokes ⁴	1	99	8.0	50.0	58,211	49	49	Continuous	Monterey, Riverside, San Mateo, Orange
Asparagus	1	72	35.3	53.0	165,204	32	27	Feb. 15–June 30	San Joaquin, Imperial, Monterey, Fresno, Santa Barbara
Beans, Fresh Market Snap	3	10	5.4	21.6	27,648	58	60	Apr. 20–Dec. 15	Orange, Tulare, San Diego, Santa Clara
Broccoli	1	87	129.0	903.0	438,118	12	14	Continuous	Monterey, Santa Barbara, San Luis Obispo, Imperial, Fresno
Brussels Sprouts ⁴	1	99	2.2	19.8	14,471	67	69	Aug. 1–Mar. 15	Santa Cruz, San Mateo
Cabbage, Fresh Market	1	24	13.1	235.8	87,718	43	40	Continuous	Monterey, Santa Barbara, Ventura, San Luis Obispo, Imperial
Carrots	1	75	84.3	1,271.2	433,919	17	15	Continuous	Kern, Imperial, Riverside, Monterey
Cauliflower	1	86	42.5	350.6	185,197	26	25	Continuous	Monterey, Santa Barbara, Imperial, San Luis Obispo
Celery	1	94	25.5	886.2	259,865	16	18	Continuous	Ventura, Monterey, Santa Barbara, San Luis Obispo
Corn, Fresh Market Sweet	2	15	25.0	187.5	83,625	47	41	May 1–Dec. 10	Fresno, Imperial, Contra Costa, San Joaquin, Riverside
Cucumbers, Fresh Market	2	17	4.7	58.8	35,250	55	56	Mar. 20–Nov. 30	San Diego, San Joaquin, Tulare, Orange, Santa Clara
Eggplant	1	43	1.8	27.0	21,114	70	63	—	Fresno, Riverside
Escarole/Endive	1	43	2.5	15.6	11,112	71	73	—	—
Garlic ⁴	1	92	26.0	208.0	140,166	33	31	Apr. 1–Sept. 15	Fresno, Kern
Greens, Collard	4	12	0.7	5.6	4,346	77	76	—	—
Greens, Kale	1	79	3.2	32.0	18,368	62	65	—	Monterey, Ventura
Greens, Mustard	1	40	3.2	16.0	11,808	64	72	—	Ventura
Lettuce, Head	1	72	137.0	2,534.5	917,489	—	—	Continuous	Monterey, Fresno, Imperial, Santa Barbara
Lettuce, Leaf	1	76	49.0	490.0	243,040	—	—	Continuous	Monterey, Fresno, Imperial, San Luis Obispo, Riverside
Lettuce, Romaine	1	67	42.0	598.5	209,475	—	—	Continuous	Riverside, Ventura, Santa Clara
Lettuce, All	1	72	228.0	3,623.0	1,370,004	4	4	—	Monterey, Imperial, Fresno, Santa Barbara, San Benito
Melons, Cantaloupe	1	60	56.8	667.4	252,277	24	19	May 15–Nov. 30	Fresno, Imperial, Merced, Riverside, Stanislaus
Melons, Honeydew	1	78	21.0	194.2	76,146	45	45	June 1–Nov. 30	Fresno, Yolo, Sutter, Imperial, Riverside
Melons, Watermelon	2	16	12.5	331.2	72,213	42	46	May 25–Oct. 15	Kern, Fresno, Riverside, San Joaquin, Imperial
Mushrooms, Agaricus	2	16	0.5	64.2	160,873	30	29	Continuous	Monterey, Santa Clara, San Mateo, San Diego
Onions, All	1	35	40.4	1,353.3	211,411	19	24	Apr. 1–Oct. 31	Fresno, Imperial, Kern, Los Angeles, San Joaquin
Peppers, Bell	1	39	22.0	286.0	147,305	—	—	July 1–Dec. 10	Riverside, Fresno, Ventura, Kern, Santa Clara
Peppers, Chili	2	19	2.6	29.2	17,719	—	—	—	Monterey, Santa Clara, San Diego
Peppers, All	—	—	24.6	315.2	165,024	29	28	—	Riverside, Kern, Ventura, Monterey
Pumpkins	2	19	6.0	81.0	14,742	65	67	—	San Joaquin, Stanislaus, San Mateo
Radishes	2	24	1.5	15.0	7,650	75	75	—	Monterey, Ventura
Spinach, Fresh Market	1	75	20.0	155.0	135,780	34	33	Continuous	Monterey, Riverside, San Benito, Santa Barbara, Ventura
Squash	1	21	8.6	81.7	36,281	59	55	—	Santa Barbara, Fresno, Monterey, Riverside, San Benito
Tomatoes, Fresh Market	2	29	41.0	543.2	269,452	—	—	May 15–Dec. 31	Merced, San Joaquin, San Diego, Fresno, Stanislaus
Tomatoes, Processing	1	93	254.0	8,640.1	496,808	—	—	June 20–Nov. 10	Fresno, Yolo, San Joaquin, Colusa, Merced
Tomatoes, All	1	83	2,953.0	9,183.3	766,260	6	9	—	Fresno, Merced, San Joaquin, Yolo, Colusa
Other Vegetables and Melons, etc.	—	—	215.0	4,273.0	888,217	—	—	—	—

COMMODITY RANK, ACREAGE, PRODUCTION, VALUE AND LEADING PRODUCING COUNTIES, 2001 continued									
Commodity	U.S. Rank ¹	CA Share of U.S. Prod.	Area Harvested	Short Tons (2,000 Lbs.)	Total Value ²	CA Rank		Harvest Season	Leading Counties ³
	Number	Percent	1,000 Acres	1,000 Tons	\$1,000	2000	2001		
FRUITS AND NUTS									
Total Value — \$7,007,713,000									
Almonds (Shelled) ⁴	1	99	525.0	415.0	731,880	11	10	Aug. 1–Oct. 31	Kern, Fresno, Stanislaus, Merced, Madera
Apples	4	7	29.0	350.0	97,380	39	38	July 15–Oct. 30	San Joaquin, Kern, Santa Cruz, Fresno, Stanislaus
Apricots	1	93	18.0	77.0	22,330	61	61	May 1–July 15	Stanislaus, Fresno, Tulare, Kern, San Joaquin
Avocados	1	89	59.0	213.0	315,842	15	17	Continuous	San Diego, Ventura, Riverside, Santa Barbara
Berries, Boysenberries	2	31	0.2	1.0	1,550	79	79	June 1–July 15	—
Berries, Raspberries	2	21	2.3	12.4	41,168	53	54	June 1–Oct. 31	Santa Cruz, Monterey
Berries, F.M. Strawberries	1	82	—	528.2	745,748	—	—	—	—
Berries, Proc. Strawberries	1	86	—	164.8	95,283	—	—	—	—
Berries, All Strawberries	1	83	26.4	693.0	841,031	8	8	Feb. 20–Nov. 15	Monterey, Ventura, Santa Cruz, Santa Barbara, Orange
Cherries, Sweet	2	24	25.0	55.3	79,814	44	42	May 20–June 25	San Joaquin, Fresno, Stanislaus, Santa Clara, Tulare
Dates ⁴	1	99	4.5	19.7	27,777	63	59	Oct. 1–Dec. 15	Riverside, Imperial
Figs ⁴	1	99	14.0	39.8	14,529	69	68	June 10–Sept. 15	Madera, Merced
Grapefruit, All	3	11	15.4	211.1	55,242	50	50	Continuous	Riverside, Kern, San Diego, Tulare, Imperial
Grapes, Raisin	—	—	235.0	2,199.0	401,256	—	—	May 15–Nov. 15	—
Grapes, Table	—	—	88.0	710.0	434,325	—	—	May 25–Dec. 15	—
Grapes, Wine	—	—	480.0	3,053.0	1,815,325	—	—	Aug. 5–Dec. 15	—
Grapes, All	1	91	803.0	5,962.0	2,650,873	2	2	—	Kern, Sonoma, Tulare, Napa, Fresno
Kiwifruit ⁴	1	99	5.3	25.8	15,340	72	66	Oct. 1–May 31	Tulare, Butte, Yuba, Fresno, Kern
Lemons	1	86	49.5	858.8	212,725	20	22	Continuous	Ventura, Riverside, Kern, Tulare, San Diego
Nectarines ⁴	1	99	36.5	275.0	127,642	36	34	June 10–Sept. 5	Fresno, Tulare, Kern, Kings
Olives ⁴	1	99	36.0	134.0	90,096	57	39	Sept. 25–Mar. 15	Tulare, Glenn, Tehama, Madera, Fresno
Oranges, Navel and Misc.	—	22	128.0	1,331.3	354,320	—	—	Nov. 25–May 15	—
Oranges, Valencia	—	19	66.5	712.5	160,140	—	—	May 15–Oct. 15	—
Oranges, All	2	21	194.5	2,043.8	514,460	14	13	—	Tulare, Kern, Fresno, Riverside, Ventura
Peaches, Clingstone	1	100	28.8	476.0	110,044	—	—	July 15–Sept. 15	—
Peaches, Freestone	1	52	39.0	387.5	136,699	—	—	May 10–Sept. 15	—
Peaches, All	1	71	67.8	863.5	246,743	21	20	—	Fresno, Tulare, Sutter, Stanislaus, Merced
Pears, All	2	30	18.3	305.0	78,163	46	43	Aug. 5–Oct. 5	Sacramento, Lake, Mendocino, Fresno, Tulare
Pecans	10	1	2.6	1.8	2,997	76	77	Sept. 1–Nov. 30	Tulare
Pistachios ⁴	1	99	78.0	80.5	159,390	22	30	Sept. 15–Dec. 10	Kern, Madera, Tulare, Fresno, Kings
Plums	1	91	37.0	210.0	66,443	40	48	May 25–Aug. 20	Fresno, Tulare, Kern, Kings, Madera
Plums, Dried (Prunes) ⁴	1	99	86.0	150.0	101,250	31	37	Aug. 15–Oct. 10	Sutter, Tehama, Butte, Yuba, Glenn
Tangerines, Mandarins, Tangelos, and Tangors	2	25	8.8	82.5	31,137	60	57	Nov. 1–Apr. 30	Tulare, Riverside, San Diego, Imperial
Walnuts ⁴	1	99	196.0	305.0	341,600	18	16	Sept. 5–Nov. 10	San Joaquin, Tulare, Stanislaus, Butte, Sutter
Other Fruits and Nuts	—	—	47.0	277.0	140,311	—	—	—	—

COMMODITY RANK, ACREAGE, PRODUCTION, VALUE AND LEADING PRODUCING COUNTIES, 2001 continued									
Commodity	U.S. Rank ¹	CA Share of U.S. Prod.	Area Harvested	Short Tons (2,000 Lbs.)	Total Value ²	CA Rank ³		Harvest Season	Leading Counties ³
	Number	Percent	1,000 Acres	1,000 Tons	\$1,000	2000	2001		
FIELD AND SEED CROPS									
Total Value — \$3,060,193,000									
Barley	9	2	110.0	139.9	13,701	68	71	May 15–Oct. 1	Siskiyou, Modoc, Kern, San Luis Obispo, Fresno
Beans, Dry	4	8	89.0	80.1	48,060	52	53	Aug. 20–Nov. 15	Stanislaus, San Joaquin, Fresno, Ventura, Tulare
Cotton Lint, All	2	12	864.0	578.2	657,893	10	11	Oct. 1–Jan. 1	Fresno, Kings, Kern, Merced, Tulare
Cottonseed	3	12	—	849.0	120,558	35	35	—	Fresno, Kern, Kings, Tulare, Merced
Grain, Corn	25	1	160.0	761.6	68,000	41	47	Sept. 1–Dec. 1	San Joaquin, Glenn, Sacramento, Tulare, Yolo
Grain, Sorghum	18	—	7.0	17.6	1,575	80	78	—	Sacramento, Sutter, Glenn
Hay, Alfalfa and Other	3	6	1,540.0	8,915.0	1,020,510	9	6	Mar. 1–Nov. 5	Imperial, Kern, Tulare, Merced, Fresno
Oats	25	1	15.0	14.4	1,485	78	80	June 15–Oct. 1	Siskiyou, Solano, Merced, Sonoma, San Mateo
Potatoes (Excl. Sweet)	10	3	35.0	639.4	181,876	28	26	Continuous	Kern, San Joaquin, Imperial, Riverside, Siskiyou
Potatoes, Sweet	3	16	10.2	117.3	77,653	48	44	July 15–Nov. 15	Merced, Stanislaus
Rice ^{5, 6}	2	18	471.0	1,924.5	138,564	25	32	Sept. 1–Nov. 30	Colusa, Glenn, Butte, Sutter, Yuba
Sugar Beets ^{5, 6}	5	6	45.0	1,607.0	48,853	38	52	Apr. 1–Dec. 10	Imperial, Fresno, Merced, Kern, Kings
Wheat, All	17	2	461.0	1,053.2	112,544	37	36	May 20–Sept. 1	Kings, Kern, Fresno, Imperial, San Joaquin
Oil Crops ⁷	—	—	102.2	98.3	22,729	54	62	—	—
Other Field Crops	—	—	876.6	9,223.5	546,192	—	—	—	—
NURSERY, GREENHOUSE AND FLORICULTURE									
Total Value — \$3,093,506,000									
Nursery Products ^{4, 6, 8}	1	20	—	—	2,087,447	3	3	Continuous	San Diego, Orange, Ventura, Los Angeles, Santa Clara
Flowers and Foliage ⁹	1	—	—	—	998,459	7	7	Continuous	San Diego, Santa Barbara, San Luis Obispo, Ventura, Monterey
Christmas Trees	—	—	—	—	10,600	74	74	Nov. 1–Dec. 24	El Dorado, San Diego, Siskiyou, San Bernardino

¹ Based on quantity produced for crops and on quantity marketed for livestock and poultry products.
² Based on value of quantity harvested for crops, value of quantity marketed for livestock, and value of quantity produced for poultry products.
³ Based on values published in the county agricultural commissioners' annual crop reports.
⁴ Share of U.S. production based on 1997 Census of Agriculture.
⁵ The 2001 price and value are based on the 2000 California average price.
⁶ Extracted from county agricultural commissioners' annual crop reports.
⁷ Includes sunflower, safflower and canola.
⁸ Includes trees, shrubs, vines, bulbs, turf, etc., not included in flowers and foliage category.
⁹ Includes cut flowers, potted plants, foliage plants, bedding plants and indoor decoratives.

COMMODITY RANK, VALUE AND LEADING PRODUCING COUNTIES, 2001							
Commodity	U.S. Rank ¹	CA Share of U.S. Prod.	Marketings	Cash Receipts ²	California Rank		Leading Counties ³
	Number	Percent	1,000 Pounds	\$1,000	2000	2001	
LIVESTOCK, DAIRY, POULTRY, AND APIARY							
Total Value — \$7,346,439							
Aquaculture	—	—	—	14,385	73	70	Riverside, Imperial, Sacramento
Cattle and Calves	6	4	2,437,100	1,351,500	5	5	Tulare, Fresno, Imperial, Merced, San Bernardino
Chickens, All	—	—	—	532,452	13	12	Fresno, Merced, Stanislaus
Hogs and Pigs ⁴	29	—	61,350	27,863	56	58	Tulare, Fresno, Stanislaus, Merced
Honey	1	15	27,625	18,509	66	64	Tulare, Kern, Riverside, Imperial, Fresno
Milk and Cream	1	20	33,251,000	4,630,171	1	1	Tulare, Merced, Stanislaus, San Bernardino, Kings
Sheep and Lambs	2	13	82,340	52,974	51	51	Kern, Solano, Imperial, Fresno, Riverside
Turkeys	6	6	450,670	211,815	27	23	Fresno, Merced, Kings, Stanislaus, Tulare
Wool	3	9	3,750	1,313	81	81	—
			<i>Millions of Eggs</i>				
Eggs, Chicken	5	7	5,996	235,843	23	21	Riverside, San Diego, Merced, San Bernardino, Fresno
Other Livestock and Poultry	—	—	—	269,614	—	—	—

¹ Based on quantity produced for crops and on quantity marketed for livestock and poultry products.

² Based on value of quantity harvested for crops, value of quantity marketed for livestock, and value of quantity produced for poultry products.

³ Based on values published in the county agricultural commissioners' annual crop reports.

⁴ California share of U.S. production is less than one-half percent.

CALIFORNIA'S FARM NUMBERS AND SIZE, 1950–2001			
Year ¹	Number of Farms	Land in Farms 1,000 Acres	Average Size of Farm Acres
1950	144,000	37,500	260
1955	124,000	39,000	316
1960	108,000	38,800	359
1965	82,000	37,800	461
1970	64,000	36,600	572
1975	73,000	34,300	470
1980	81,000	33,800	417
1985	79,000	32,900	416
1990	85,000	30,800	362
1991	83,000	30,500	367
1992	82,000	30,200	368
1993	85,000	29,900	352
1994	85,000	29,600	348
1995	86,000	29,300	341
1996	86,000	29,000	337
1997	87,000	28,700	330
1998	89,000	28,500	320
1999	89,000	27,800	312
2000	87,500	27,800	318
2001	88,000	27,700	315

¹ Until 1950 the definition of a farm was "places of 10 or more acres that had annual sales of agricultural products of \$50 or more and places of less than 10 acres that had annual sales of \$250 or more." Starting in 1975 the new definition of a farm is "places with annual sales of agricultural products of \$1,000 or more."

COUNTY RANK, TOTAL VALUE OF PRODUCTION AND LEADING COMMODITIES, 2001 ¹

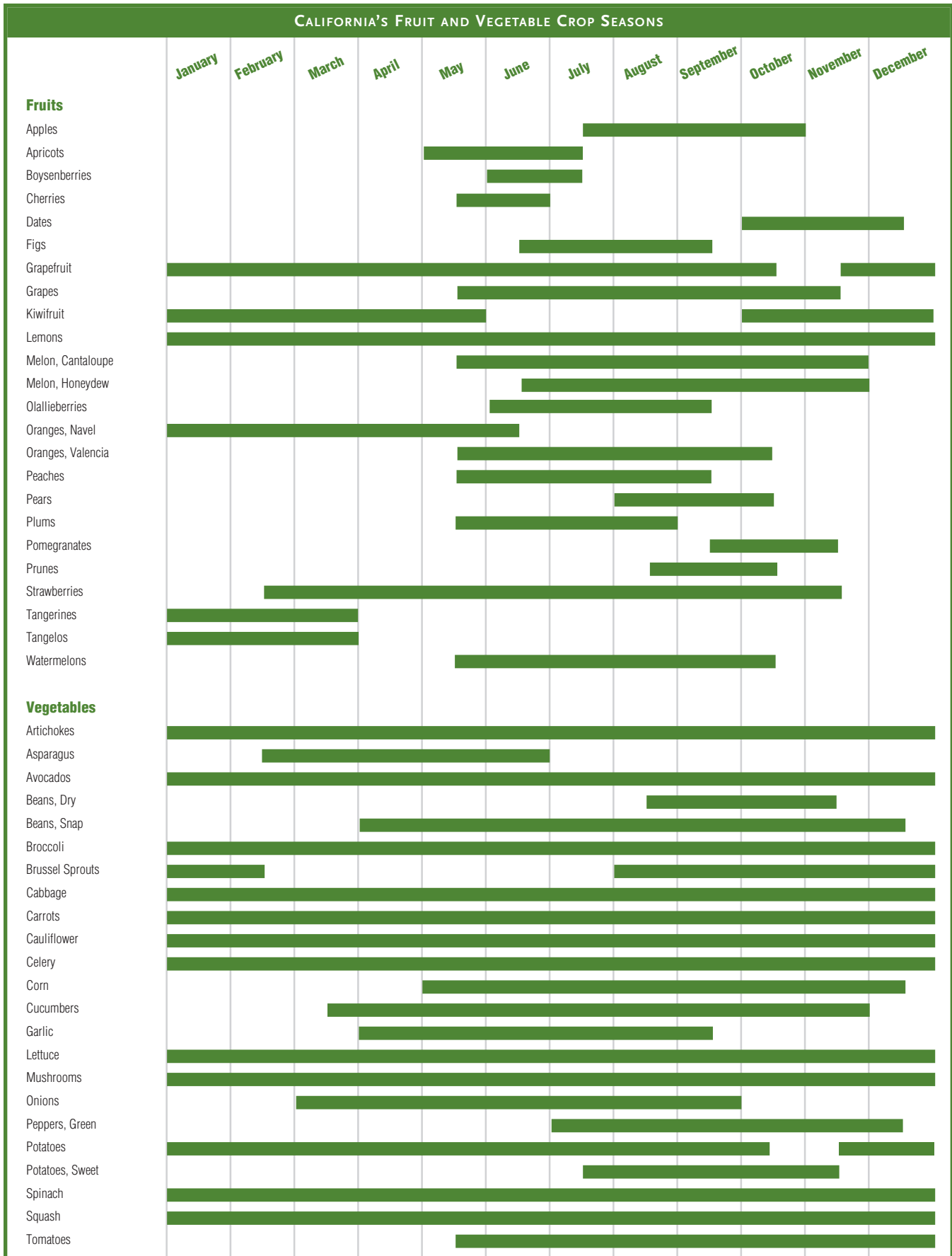
Rank		County	Total Value \$1,000	Leading Commodities
2000	2001			
2	1	Tulare	3,492,477	Milk, Navel and Valencia Oranges, Cattle and Calves, Grapes, Alfalfa Hay and Silage
1	2	Fresno	3,215,185	Cotton, Grapes, Poultry, Milk, Tomatoes
3	3	Monterey	2,746,244	Head and Leaf Lettuce, Strawberries, Broccoli, Grapes, Nursery Products
4	4	Kern	2,254,306	Grapes, Citrus, Milk, Cotton and Cottonseed, Almonds and Byproducts
5	5	Merced	1,703,039	Milk, Chickens, Cattle and Calves, Almonds, Fresh and Processing Tomatoes
6	6	San Joaquin	1,389,877	All Milk, All Grapes, All Cherries, All Tomatoes, English Walnuts
8	7	Stanislaus	1,353,300	All Milk, Almonds, All Chickens, Cattle and Calves, Walnuts
7	8	San Diego	1,289,699	Flowers and Foliage, Nursery Plants, Avocados, Cut Flowers, Eggs
9	9	Riverside	1,124,908	Milk, Nursery Products, Table Grapes, Lemons, Eggs
10	10	Ventura	1,053,636	Strawberries, Lemons, Celery, Avocados, Nursery Plants
11	11	Imperial	1,010,321	Cattle, Alfalfa, Head and Leaf Lettuce, Carrots, Livestock
12	12	Kings	951,950	Milk, Cotton, Cattle and Calves, Alfalfa Hay, Turkeys
14	13	Santa Barbara	713,690	Wine Grapes, Broccoli, Strawberries, Head Lettuce, Cauliflower
15	14	San Bernardino	703,465	Milk, Cattle and Calves, Replacement Heifers, Eggs, Oranges
13	15	Madera	650,441	Grapes, Milk, Almonds, Replacement Heifers, Pistachios
16	16	Sonoma	584,064	Wine Grapes, Market Milk, Livestock and Poultry, Cattle and Calves, Vegetable Crops
17	17	San Luis Obispo	489,784	Wine Grapes, Cattle and Calves, Broccoli, Head Lettuce, Foliage Plants and Cut Flowers
20	18	Napa	362,729	Wine Grapes, Nursery Products, Cattle and Calves, Pasture and Range, Livestock Products
22	19	Santa Cruz	360,408	Strawberries, Raspberries, Woody Ornamental Nursery, Head Lettuce, Nursery Products
18	20	Orange	319,053	Nursery Stock and Cut Flowers, Strawberries, Tomatoes, Avocados, Bell and Misc. Peppers
26	21	Sacramento	294,960	Wine Grapes, Market Milk, Nursery Stock, Bartlett Pears, Poultry
23	22	Yolo	288,579	Processing Tomatoes, Wine Grapes, Alfalfa Hay, Rice, Seed Crops
24	23	Santa Clara	288,156	Nursery Crops, Mushrooms, Bell Peppers, Cut Flowers, Cherries
27	24	Glenn	278,811	Rice, Dairy Products, Almonds, Cattle and Calves, Alfalfa Hay
19	25	Colusa	277,826	Rice, Processing Tomatoes, Almond Meats, Cotton Lint, Cattle and Calves
21	26	Sutter	264,442	Rice, Peaches, Walnuts, Dried Plums, Tomatoes
28	27	Los Angeles	258,260	Nursery Plants, Root Vegetables, Peaches, Dry Onions, Alfalfa Hay
25	28	Butte	254,625	Rice, English Walnuts, Almonds, Dried Plums, Nursery Stock
29	29	San Benito	208,718	Nursery Stock, Head Lettuce, Leaf and Baby Lettuce, Wine Grapes, Bell Peppers, Vegetable Crops
31	30	Solano	185,671	Nursery Stock, Processing Tomatoes, Alfalfa Hay, Cattle and Calves, Wine Grapes
30	31	San Mateo	174,367	Mushrooms, Nursery Stock and Plants, Potted and Cut Flowers, Brussels Sprouts, Forest Products
33	32	Mendocino	131,687	Grapes, Bartlett Pears, Cattle and Calves, Milk, Nursery
32	33	Yuba	129,065	Rice, Peaches, English Walnuts, Cattle and Calves, Dried Plums
35	34	Tehama	117,951	English Walnuts, Dried Plums, Market Milk, Olives, Stocker and Feeder Cattle
36	35	Humboldt	109,730	Nursery Products, Milk, Cattle and Calves, Pasture and Range, Livestock
34	36	Siskiyou	109,348	Strawberry Nursery Plants, Alfalfa Hay, Cattle and Calves, Irrigated Pasture, Market Milk
37	37	Contra Costa	97,515	Nursery Plants, Livestock Products, Sweet Corn, Grapes, Cattle and Calves
38	38	Placer	61,607	Rice, Cattle and Calves, Nursery Products, Chickens, Irrigated Pasture
40	39	Lake ²	53,599	Wine Grapes, Bartlett and Other Pears, Cattle and Calves, English Walnuts, Livestock
42	40	Shasta	51,691	Cattle and Calves, Strawberry Nursery Plants, Alfalfa and Other Hay, Pasture and Range, Livestock
43	41	Marin	50,901	Market Milk, Cattle and Calves, Pasture and Range, Poultry, Livestock Products
39	42	Modoc	50,704	Alfalfa Hay, Cattle and Calves, Vegetable Crops, Irish Potatoes, Pasture and Range
41	43	Lassen	43,358	Alfalfa, Grain and Other Hay, Strawberry Nursery Plants, Cattle and Calves, Irrigated Pasture, Vegetable Crops
44	44	Alameda	36,504	Woody Ornamental Nursery, Wine Grapes, Cattle and Calves, Nursery Products, Pasture and Range
45	45	Del Norte	33,440	Market Milk, Lily Bulbs, Woody Ornamentals and Nursery Products, Cattle and Calves
46	46	El Dorado	25,544	All Apples, Wine Grapes, Christmas Trees and Cut Greens, Cattle and Calves, Pasture and Range
48	47	Mono	22,227	Alfalfa Hay, Carrots, Cattle and Calves, Irrigated Pasture, Sheep and Lambs
47	48	Amador	21,740	Grapes, Cattle and Calves, Pasture and Range, Livestock, English Walnuts
49	49	Mariposa	21,451	Cattle and Calves, Pasture and Range, Forest Products, Livestock and Poultry Products, All Poultry
52	50	Tuolumne	19,535	Livestock, Cattle and Calves, Pasture and Range, Forest Products, Apiary Products
50	51	Calaveras	18,334	Cattle and Calves, Wine Grapes, Poultry, Livestock and Poultry Products, Walnuts
51	52	Plumas	17,918	Cattle and Calves, Alfalfa, Grain and Wild Hay, Pasture and Range, Fruit and Nut Crops, Livestock
53	53	Inyo	16,390	Nursery Turf, Cattle and Calves, Alfalfa and Other Hay, Carrots, Pasture and Range
54	54	Nevada	7,254	Cattle and Calves, Pasture and Range, Wine Grapes, Fruit and Vegetable Crops, Nursery Stock
55	55	Sierra	6,910	Cattle and Calves, Alfalfa, Wild and Grain Hay, Pasture and Range, Fruit and Nut Crops, Livestock
57	56	San Francisco	2,239	Vegetable Crops, Cut Flowers
56	57	Trinity ²	2,139	Cattle and Calves, Pasture and Range, Wine Grapes, Cull Milk Cows, Fruit and Nut Crops
58	58	Alpine ²	—	—

¹ Totals vary slightly from those published by counties due to classification differences between county and state reports.

² Reports for Alpine and Trinity counties were not available at publication, resulting in the use of 2000 data for this report. Lake County was also not available at publication, so the grape acreage data are from the 2001 Grape Acreage Report, price and production data are from the 2001 Grape Crush Report, and pear and walnut data are from industry sources. All other data for that county are from the 1997 Lake County Agricultural Commissioner's Report.

SEASONAL RAINFALL WITH COMPARISONS TO NORMAL, 2000-2002					
Stations	2000-2001		2001-2002		Normal Annual Rainfall <i>Inches</i>
	Precipitation July 1 to June 24 <i>Inches</i>	Percent of Normal	Precipitation July 1 to June 29 <i>Inches</i>	Percent of Normal	
North Coast					
Eureka	21.26	57	39.77	106	37.53
Ukiah	18.81	50	29.21	77	38.01
Santa Rosa	20.64	69	32.20	108	29.92
Central Coast					
San Francisco Airport	16.20	82	19.37	98	19.79
San Jose	13.53	95	10.94	77	14.20
Livermore Tele	8.10	58	11.92	85	14.09
Salinas Airport	20.13	165	3.62	30	12.22
Monterey FAA	14.35	98	11.36	78	14.57
King City	12.91	116	6.44	58	11.12
Paso Robles Airport	14.59	115	5.59	44	12.71
Sacramento Valley					
Redding	29.18	103	28.62	101	28.36
Red Bluff FSS	20.76	92	18.68	83	22.51
Chico AFS	17.79	69	27.64	108	25.57
Marysville	14.81	70	21.91	104	21.05
Sacramento Airport	14.71	84	17.95	102	17.59
San Joaquin Valley					
Stockton WSO	11.12	80	12.12	87	13.97
Fresno	10.69	100	7.02	66	10.64
Bakersfield	5.40	94	3.59	63	5.73
South Coast					
Santa Maria Airport	10.45	84	6.46	52	12.47
Santa Barbara	23.92	147	9.18	56	16.29
Oxnard	17.14	121	6.21	44	14.20
Los Angeles	17.95	122	4.37	30	14.73
Riverside	8.05	81	3.30	33	9.98
San Diego Airport	8.68	88	3.01	30	9.91
Southeastern Interior					
Bishop	3.20	60	2.04	38	5.36
Lancaster	5.77	79	2.05	28	7.26
Daggett Airport	2.36	60	1.64	42	3.94
Thermal Airport	2.77	86	0.42	13	3.21
Blythe	4.07	112	0.66	18	3.63
Imperial	2.33	85	0.02	1	2.75
Cascade-Sierra					
Alturas	6.31	52	10.58	87	12.13
Mt. Shasta	27.86	77	37.44	103	36.22
Blue Canyon	40.66	60	61.71	91	67.85
Yosemite Valley	23.72	64	25.59	68	37.39

Source: Western Regional Climate Center, Reno, Nevada





S T A T I S T I C A L D A T A

California's counties reported an increase of 1.5 percent in the value of agricultural production for 2001. Eleven counties reported a value of production in excess of \$1 billion. Tulare County edged out Fresno as the leader with a production value of \$3.49 billion, an increase of 14 percent over last year. A large share of Tulare's productivity comes from milk and cream, which showed a big jump in 2001. Fresno County was second in value of production with \$3.22 billion, down 6 percent from last year. Much of the decrease in Fresno is attributed to a lower value for raisin grapes. Monterey agricultural production also decreased 6 percent to \$2.75 billion.

Notes to the Agricultural Commissioners' Data

Gross value of production published in this report includes all farm production, whether sold into usual marketing channels or used on the farm where it was produced. Values placed on pasture and range feed are included, and fresh fruit and vegetable crop values are based on the free-on-board (f.o.b.) packed price. Values are recorded for all products grown during the calendar year, regardless of when they are marketed. The county agricultural commissioners' reports also provide statistics on a broader range of commodities than estimates prepared by other agencies.

NOTABLE CHANGES IN COUNTY RANKS AND PERCENTAGES OF THE STATE TOTAL

Rank	Commodity	Changes in County Rankings
1	Milk and Cream	Tulare increases its lead to 25 percent of the total.
2	Grapes, All	Kern takes over number one, Fresno drops to fifth.
3	Nursery Products	San Diego leads with 18 percent of the total.
4	Cattle and Calves	Tulare is number one and growing.
5	Lettuce	Monterey leads with more than five of every 10 dollars.
6	Oranges	Tulare is first with a little more than half the total.
7	Hay, Alfalfa	Imperial is number one with 16 percent.
8	Cotton	Fresno has over one-third of the total.
9	Strawberries	Monterey captures one-third of the total.
10	Almonds	Kern is number one followed by Fresno and Stanislaus.
11	Flowers and Foliage	San Diego has more than half the total.
12	Rice (Excluding Seed)	Colusa is number one followed by Glenn.
13	Broccoli	Monterey is number one with more than half.
14	Salad Greens	Monterey dominates with 97 percent of the total.
15	Tomatoes, Processing	Fresno leads with 38 percent of the total.

CALIFORNIA'S LEADING TIMBER COUNTIES, 2001					
Timber Rank	County	Timber Volume (Million Bd. Ft.)	Total Agricultural Value (Including Timber)	Timber Value	Timber Percentage of Total Agricultural Value
1	Humboldt	358,225	300,299	190,569	63.5
2	Mendocino	117,596	184,124	52,437	28.5
3	Shasta	144,513	92,090	40,399	43.9
4	Siskiyou	134,829	145,573	36,225	24.9
5	Butte	92,562	287,503	32,878	11.4

Because of these concepts, the state total for gross dollar values in this report differs from the cash receipts to farmers estimated by the California Agricultural Statistics Service. The larger total value reported by agricultural commissioners is the result of different definitions used in estimating total value of production rather than cash receipts to producers.

Some counties are now including timber in their crop report, following the pattern set by the County Agricultural Commissioners' Association. Since it is not comparable to earlier county summaries, timber has not been made a part of the main tables of this summary. Total value reported by the counties, including timber, is 2 percent more than the \$29.8 billion recorded in the table, "County Gross Value of Agricultural Production, by Commodity Group, 2000-2001." Totals, with and without timber, are shown in "County Rank by Gross Value of Agricultural Production, 2000-2001."

Copies of county agricultural commissioners' reports may be requested directly from each county agricultural commissioner's office. For contact information, refer to the directory section of this publication.

California Timber Industry

California has more forest land than any state, except Alaska. Nearly 2 billion board feet (equivalent to 132,000 homes) of commercial lumber are produced from California's private and public timberlands each year. Nationally, California is the third largest producer of wood products.



California's commercially productive forests include thousands of plant species that produce everything from wood products to beautiful Christmas trees.

COUNTY RANK BY GROSS VALUE OF AGRICULTURAL PRODUCTION, 2000-2001 ¹											
County	Rank Without Timber			Timber Value	Rank With Timber						
	2000 \$1,000	2001 \$1,000	Percent Change		2000 \$1,000	2001 \$1,000	Percent Change				
Tulare	3,066,533	(2)	3,492,477	(1)	13.9	533	3,068,063	(2)	3,493,010	(1)	13.9
Fresno	3,421,009	(1)	3,215,185	(2)	-6.0	3,496	3,425,926	(1)	3,218,681	(2)	-6.0
Monterey	2,923,384	(3)	2,746,244	(3)	-6.1	7	2,923,393	(3)	2,746,251	(3)	-6.1
Kern	2,211,813	(4)	2,254,306	(4)	1.9	16	2,213,200	(4)	2,254,322	(4)	1.9
Merced	1,538,538	(5)	1,703,039	(5)	10.7	5	1,538,545	(5)	1,703,044	(5)	10.7
San Joaquin	1,348,709	(6)	1,389,877	(6)	3.1	12	1,348,724	(6)	1,389,889	(6)	3.1
Stanislaus	1,197,302	(8)	1,353,300	(7)	13.0	—	1,197,302	(8)	1,353,300	(7)	13.0
San Diego	1,254,378	(7)	1,289,699	(8)	2.8	9	1,254,389	(7)	1,289,708	(8)	2.8
Riverside	1,048,562	(9)	1,124,908	(9)	7.3	21	1,048,590	(9)	1,124,929	(9)	7.3
Ventura	1,047,054	(10)	1,053,636	(10)	0.6	78	1,047,128	(10)	1,053,714	(10)	0.6
Imperial	919,610	(11)	1,010,321	(11)	9.9	—	919,610	(11)	1,010,321	(11)	9.9
Kings	885,062	(12)	951,950	(12)	7.6	—	885,062	(12)	951,950	(12)	7.6
Santa Barbara	735,004	(14)	713,690	(13)	-2.9	1	735,007	(14)	713,691	(13)	-2.9
San Bernardino	619,999	(15)	703,465	(14)	13.5	161	620,012	(15)	703,626	(14)	13.5
Madera	748,199	(13)	650,441	(15)	-13.1	1,353	748,972	(13)	651,794	(15)	-13.0
Sonoma	590,539	(16)	584,064	(16)	-1.1	5,218	610,033	(16)	589,282	(16)	-3.4
San Luis Obispo	487,695	(17)	489,784	(17)	0.4	8	487,706	(17)	489,792	(17)	0.4
Napa	343,948	(20)	362,729	(18)	5.5	142	344,221	(22)	362,871	(19)	5.4
Santa Cruz	337,967	(22)	360,408	(19)	6.6	4,701	352,003	(20)	365,109	(18)	3.7
Orange	366,422	(18)	319,053	(20)	-12.9	26	366,469	(19)	319,079	(20)	-12.9
Sacramento	287,962	(26)	294,960	(21)	2.4	19	287,979	(27)	294,979	(22)	2.4
Yolo	302,736	(23)	288,579	(22)	-4.7	—	302,736	(26)	288,579	(24)	-4.7
Santa Clara	300,991	(24)	288,156	(23)	-4.3	2,892	304,858	(25)	291,048	(23)	-4.5
Glenn	280,899	(27)	278,811	(24)	-0.7	207	286,533	(28)	279,018	(26)	-2.6
Colusa	345,987	(19)	277,826	(25)	-19.7	—	345,987	(21)	277,826	(27)	-19.7
Sutter	340,176	(21)	264,442	(26)	-22.3	—	340,176	(23)	264,442	(28)	-22.3
Los Angeles	268,158	(28)	258,260	(27)	-3.7	11	268,176	(29)	258,271	(29)	-3.7
Butte	291,345	(25)	254,625	(28)	-12.6	32,878	324,829	(24)	287,503	(25)	-11.5
San Benito	208,899	(29)	208,718	(29)	-0.1	—	208,899	(31)	208,718	(30)	-0.1
Solano	185,555	(31)	185,671	(30)	0.1	16	185,568	(33)	185,687	(31)	0.1
San Mateo	194,131	(30)	174,367	(31)	-10.2	2,742	198,664	(32)	177,109	(33)	-10.8
Mendocino	128,572	(33)	131,687	(32)	2.4	52,437	243,208	(30)	184,124	(32)	-24.3
Yuba	148,341	(32)	129,065	(33)	-13.0	8,203	162,272	(35)	137,268	(36)	-15.4
Tehama	110,704	(35)	117,951	(34)	6.5	19,778	146,263	(36)	137,729	(35)	-5.8
Humboldt	96,733	(36)	109,730	(35)	13.4	190,569	381,964	(18)	300,299	(21)	-21.4
Siskiyou	118,981	(34)	109,348	(36)	-8.1	36,225	182,779	(34)	145,573	(34)	-20.4
Contra Costa	92,598	(37)	97,515	(37)	5.3	7	92,612	(38)	97,522	(37)	5.3
Placer	60,509	(38)	61,607	(38)	1.8	13,430	70,168	(40)	75,037	(39)	6.9
Lake ²	53,603	(40)	53,599	(39)	—	771	55,819	(44)	54,370	(42)	-2.6
Shasta	50,023	(42)	51,691	(40)	3.3	40,399	99,029	(37)	92,090	(38)	-7.0
Marin	48,189	(43)	50,901	(41)	5.6	—	48,189	(46)	50,901	(43)	5.6
Modoc	56,731	(39)	50,704	(42)	-10.6	6,904	68,762	(42)	57,608	(41)	-16.2
Lassen	52,665	(41)	43,358	(43)	-17.7	14,793	73,319	(39)	58,151	(40)	-20.7
Alameda	31,913	(44)	36,504	(44)	14.4	13	31,932	(50)	36,517	(47)	14.4
Del Norte	30,792	(45)	33,440	(45)	8.6	15,156	69,376	(41)	48,596	(45)	-30.0
El Dorado	24,166	(46)	25,544	(46)	5.7	23,665	52,374	(45)	49,209	(44)	-6.0
Mono	21,110	(48)	22,227	(47)	5.3	14	21,127	(53)	22,241	(53)	5.3
Amador	22,692	(47)	21,740	(48)	-4.2	5,429	32,674	(49)	27,169	(49)	-16.8
Mariposa	18,622	(49)	21,451	(49)	15.2	1,307	19,485	(54)	22,758	(52)	16.8
Tuolumne	16,864	(52)	19,535	(50)	15.8	13,235	34,591	(47)	32,770	(48)	-5.3
Calaveras	17,615	(50)	18,334	(51)	4.1	8,133	32,789	(48)	26,467	(50)	-19.3
Plumas	17,590	(51)	17,918	(52)	1.9	29,136	66,814	(43)	47,054	(46)	-29.6
Inyo	14,482	(53)	16,390	(53)	13.2	—	14,482	(56)	16,390	(55)	13.2
Nevada	7,144	(54)	7,254	(54)	1.5	11,776	22,313	(52)	19,030	(54)	-14.7
Sierra	6,260	(55)	6,910	(55)	10.4	5,730	18,620	(55)	12,640	(56)	-32.1
San Francisco	2,013	(57)	2,239	(56)	11.2	—	2,013	(57)	2,239	(57)	11.2
Trinity ²	2,139	(56)	2,139	(57)	—	24,023	26,952	(51)	26,162	(51)	-2.9
Alpine ²	—	(58)	—	(58)	—	—	—	(58)	—	(58)	—
STATE	29,349,617		29,801,772		1.5	575,685	30,258,686		30,377,457		0.4

¹ Totals vary slightly from those published by counties due to classification differences between county and state reports. Numbers in parentheses are county rankings.
² Reports for Alpine and Trinity counties were not available at publication, resulting in the use of 2000 data for this report. Lake County was also not available at publication, so the grape acreage data are from the 2001 Grape Acreage Report, price and production data are from the 2001 Grape Crush Report, and pear and walnut data are from industry sources. All other data are from the 1997 Lake County Agricultural Commissioner's Report.

Source: County agricultural commissioners' reports and State Board of Equalization, Timber Tax Division

LEADING COMMODITIES FOR GROSS VALUE OF AGRICULTURAL PRODUCTION BY COUNTY, 2001 ¹

\$1,000

ALAMEDA		CONTRA COSTA		HUMBOLDT	
1. Nursery, Woody Ornamentals	10,718	1. Nursery, Bedding Plants	26,921	1. Nursery Products	33,952
2. Grapes, Wine	10,092	2. Livestock Products	8,670	2. Milk, Market	27,572
3. Cattle and Calves	5,707	3. Corn, Sweet	8,652	3. Cattle and Calves	18,547
4. Nursery Products	3,290	4. Grapes	7,201	4. Milk, Manufacturing	15,290
5. Pasture and Range	2,985	5. Cattle and Calves	6,953	5. Pasture and Range	4,700
6. Flowers, Cut	1,100	6. Pasture and Range	4,533	6. Livestock	3,450
7. Vegetable Crops	975	7. Nursery, Herbaceous Perennials	3,842	7. Pasture, Irrigated	2,828
8. Hay, Other	701	8. Tomatoes, All	3,518	8. Vegetable Crops	952
9. Field Crops	425	9. Apples, All	3,270	9. Silage	871
10. Hay, Alfalfa	374	10. Vegetable Crops	2,670	10. Hay, Other	600
AMADOR		DEL NORTE		IMPERIAL	
1. Grapes	12,743	1. Milk, Market	8,050	1. Cattle	182,264
2. Cattle and Calves	4,196	2. Nursery, Lily Bulbs	6,613	2. Alfalfa	144,846
3. Pasture, Range	1,837	3. Nursery, Woody Ornamentals	5,642	3. Lettuce, Head	68,977
4. Livetock	591	4. Nursery Products	3,896	4. Lettuce, Leaf	54,170
5. Walnuts, English	448	5. Cattle, Cows	3,260	5. Carrots	47,211
6. Hay, Grain	445	6. Milk, Manufacturing	1,554	6. Livestock	45,711
7. Hay, Alfalfa	327	7. Livestock Products	1,272	7. Vegetable Crops	37,847
8. Pasture, Irrigated	230	8. Cattle, Calves Only	1,237	8. Sugar Beets	37,691
9. Vegetable Crops	188	9. Pasture, Irrigated	648	9. Melons, Cantaloupe	34,452
10. Corn, Grain	181	10. Forest Products, Firewood	472	10. Onions	27,792
BUTTE		EL DORADO		INYO	
1. Rice	94,138	1. Apples, All	5,715	1. Nursery, Turf	4,000
2. Walnuts, English	45,087	2. Grapes, Wine	4,317	2. Cattle, Steers	2,988
3. Almonds	42,616	3. Trees, Christmas and Cut Greens	3,019	3. Hay, Alfalfa	2,160
4. Plums, Dried	16,509	4. Cattle and Calves	2,953	4. Cattle, Heifers	2,088
5. Nursery Stock	8,555	5. Pasture and Range	2,940	5. Cattle, Cows	1,260
6. Peaches, Clingstone	7,320	6. Nursery, Flower Propagative Materials	2,227	6. Carrots	1,134
7. Cattle and Calves	5,626	7. Livestock	1,190	7. Cattle, Stockers and Feeders	893
8. Field Crops	5,228	8. Nursery, Woody Ornamentals	742	8. Pasture and Range	460
9. Rice Seed	3,821	9. Peaches	440	9. Pasture, Irrigated	413
10. Kiwifruit	3,130	10. Cherries, Sweet	371	10. Hay, Other	285
CALAVERAS		FRESNO		KERN	
1. Cattle and Calves	7,767	1. Cotton	368,121	1. Grapes	437,865
2. Grapes, Wine	1,536	2. Grapes	343,135	2. Citrus, Fresh and Processing	264,308
3. Poultry	1,264	3. Poultry	339,051	3. Milk, Market and Manufacturing	208,013
4. Livestock and Poultry Products	700	4. Milk	248,554	4. Cotton and Cottonseed	191,228
5. Walnuts	440	5. Tomatoes	206,708	5. Almonds and Byproducts	166,841
6. Nursery Products	300	6. Cattle and Calves	185,500	6. Hay, Alfalfa	114,622
7. Apiary Products	273	7. Almonds	149,671	7. Nursery Crops	114,599
8. Trees, Christmas	243	8. Oranges	146,132	8. Potatoes, Fresh and Processing	83,561
9. Vegetable Crops	170	9. Garlic	123,854	9. Pistachios	80,526
10. Apples	120	10. Nectarines	102,705	10. Cattle and Calves	53,585
COLUSA		GLENN		KINGS	
1. Rice	115,330	1. Rice, Paddy	95,579	1. Milk	361,839
2. Tomatoes, Processing	36,776	2. Dairy Products	43,642	2. Cotton	205,707
3. Almonds, Meat	28,035	3. Almonds	26,310	3. Cattle and Calves	66,952
4. Cotton Lint	10,651	4. Cattle and Calves	16,349	4. Hay, Alfalfa	39,028
5. Cattle and Calves	9,998	5. Hay, Alfalfa	12,790	5. Turkeys	36,966
6. Onion Seed	8,159	6. Walnuts	11,545	6. Wheat	32,146
7. Walnuts, English	6,958	7. Olives	11,534	7. Tomatoes	19,610
8. Rice Seed	6,708	8. Corn	11,181	8. Pistachios	18,271
9. Beans, Dry	4,703	9. Plums, Dried	11,069	9. Corn, Silage	17,801
10. Wheat	4,448	10. Wheat	3,698	10. Peaches	15,687

LEADING COMMODITIES FOR GROSS VALUE OF AGRICULTURAL PRODUCTION BY COUNTY, 2001 ¹ continued

\$1,000

LAKE		MARIPOSA		MONTEREY	
1. Grapes, Wine	28,733	1. Cattle and Calves	12,396	1. Lettuce, Head	360,562
2. Pears, Bartlett	15,496	2. Pasture and Range	5,430	2. Lettuce, Leaf	298,352
3. Cattle and Calves	2,730	3. Forest Products	1,315	3. Strawberries	276,912
4. Pears, Other	2,025	4. Livestock and Poultry Products	1,252	4. Broccoli	258,962
5. Walnuts, English	1,710	5. Poultry, All	1,078	5. Grapes	207,945
6. Livestock	737	6. Sheep and Lambs	164	6. Nursery Products	178,564
7. Hay, Other	557	7. Fruit and Nut Crops	161	7. Cauliflower	102,567
8. Nursery Products	408	8. Grapes, Wine	160	8. Celery	97,988
9. Fruit and Nut Crops	359	9. Field Crops	160	9. Spring Mix	97,886
10. Hay, Grain	264	10. Nursery Stock	147	10. Spinach	77,009
LASSEN		MENDOCINO		NAPA	
1. Hay, Alfalfa	11,550	1. Grapes	87,678	1. Grapes, Wine	354,338
2. Nursery, Strawberry Plants	9,860	2. Pears, Bartlett	12,549	2. Nursery Products	4,720
3. Hay, Other	4,640	3. Cattle and Calves	7,750	3. Cattle and Calves	2,001
4. Cattle, Steers	3,730	4. Milk	4,703	4. Pasture and Range	450
5. Cattle, Heifers	2,457	5. Nursery	2,750	5. Livestock Products	390
6. Cattle, Cows	1,843	6. Pasture, Irrigated	1,807	6. Vegetable Crops	232
7. Cattle, Calves Only	1,509	7. Pears, Bosc	1,346	7. Sheep and Lambs	156
8. Hay, Grain	1,496	8. Pasture and Range	1,161	8. Fruit and Nut Crops	142
9. Pasture, Irrigated	1,379	9. Vegetable Crops	1,112	9. Hay, Other	90
10. Vegetable Crops	1,000	10. —	—	10. Hogs and Pigs	81
LOS ANGELES		MERCED		NEVADA	
1. Nursery, Trees and Shrubs	114,254	1. Milk, Market and Manufacturing	625,750	1. Cattle and Calves	2,663
2. Nursery, Bedding Plants	38,652	2. Chickens	156,582	2. Pasture and Range	1,744
3. Vegetables, Root	28,673	3. Cattle and Calves	143,133	3. Grapes, Wine	1,243
4. Peaches	17,739	4. Almonds	116,313	4. Fruit and Vegetable Crops	462
5. Onions, Dry	11,672	5. Tomatoes, Fresh and Processing	82,040	5. Nursery Stock	334
6. Hay, Alfalfa	7,020	6. Cotton Lint	71,544	6. —	—
7. Dairy Products	4,535	7. Hay, Alfalfa	69,784	7. —	—
8. Flowers, Indoor Flowering Plants	3,534	8. Potatoes, Sweet	52,914	8. —	—
9. Herbs	3,309	9. Turkeys	47,817	9. —	—
10. Flowers, Indoor Foliage Plants	2,581	10. Corn, Silage	40,748	10. —	—
MADERA		MODOC		ORANGE	
1. Grapes	134,275	1. Hay, Alfalfa	15,395	1. Nursery, Stock and Cut Flowers	218,833
2. Milk	125,002	2. Cattle and Calves	12,240	2. Strawberries	52,638
3. Almonds	87,342	3. Vegetable Crops	5,310	3. Tomatoes	17,288
4. Heifers, Replacement	35,200	4. Potatoes, Irish	3,636	4. Avocados	10,616
5. Pistachios	33,618	5. Pasture, Irrigated	3,500	5. Peppers, Bell and Misc.	6,254
6. Alfalfa	33,190	6. Pasture and Range	2,352	6. Beans, Green	3,601
7. Cotton Lint and Seed	30,489	7. Hay, Wild	2,100	7. Beans, Dry Edible	2,005
8. Nursery Stock	24,543	8. Hay, Grain	1,247	8. Celery	1,414
9. Cattle and Calves	23,814	9. Barley, Malting	1,243	9. Cucumbers	1,265
10. Poultry	23,489	10. Onions	1,174	10. Cauliflower	1,053
MARIN		MONO		PLACER	
1. Milk, Market	30,260	1. Hay, Alfalfa	4,920	1. Rice, Milling	13,885
2. Cattle and Calves	7,639	2. Carrots	3,969	2. Cattle and Calves	13,620
3. Pasture and Range	4,466	3. Cattle, Steers	3,468	3. Nursery Products	12,854
4. Poultry	2,564	4. Cattle, Heifers	2,316	4. Chickens	7,130
5. Livestock Products	1,608	5. Cattle, Stockers and Feeders	2,295	5. Pasture, Irrigated	2,640
6. Silage	1,228	6. Pasture, Irrigated	1,350	6. Livestock Products	2,031
7. Vegetable Crops	841	7. Cattle, Cows	1,320	7. Walnuts, English	1,841
8. Nursery Products	675	8. Sheep and Lambs	1,008	8. Pasture and Range	1,650
9. Grapes, Wine	466	9. Garlic, All	617	9. Fruit and Nut Crops	1,466
10. Sheep and Lambs	350	10. Hay, Other	565	10. Field Crops	1,160

LEADING COMMODITIES FOR GROSS VALUE OF AGRICULTURAL PRODUCTION BY COUNTY, 2001 ¹ continued

\$1,000

PLUMAS

1. Cattle and Calves	11,825
2. Hay, Alfalfa	1,854
3. Pasture, Irrigated	1,700
4. Pasture, Range	1,044
5. Hay, Wild	688
6. Fruit and Nut Crops	490
7. Hay, Grain	200
8. Livestock	119
9. —	—
10. —	—

RIVERSIDE

1. Milk	292,436
2. Nursery Products	138,371
3. Grapes, Table	108,004
4. Lemons	62,646
5. Eggs	56,231
6. Hay, All	53,484
7. Dates	37,463
8. Avocados	35,166
9. Peppers, Bell	29,278
10. Grapefruit, Ruby and White	27,590

SACRAMENTO

1. Grapes, Wine	95,364
2. Milk, Market	48,073
3. Nursery Stock	28,968
4. Pears, Bartlett	25,045
5. Poultry	9,955
6. Corn, Field	9,611
7. Cattle and Calves	9,002
8. Corn, Silage	7,477
9. Rice	7,288
10. Tomatoes, Processing	7,031

SAN BENITO

1. Nursery Stock	25,207
2. Lettuce, Leaf	17,702
3. Grapes, Wine	15,856
4. Lettuce, Baby	15,418
5. Peppers, Bell	14,517
6. Lettuce, Head	12,841
7. Vegetable Crops	12,558
8. Pasture and Stockers	8,134
9. Onions, Dry	7,956
10. Calves	5,029

SAN BERNARDINO

1. Milk	444,084
2. Cattle and Calves	49,965
3. Cattle, Heifers (Replacement)	44,087
4. Eggs	26,154
5. Oranges, Navel and Valencia	21,883
6. Alfalfa, All	19,363
7. Nursery, Indoor Decoratives	14,687
8. Nursery, Trees and Shrubs	11,064
9. Chickens, Meat	6,666
10. Bok Choi	5,801

SAN DIEGO

1. Flowers, Indoor Flowers and Foliage	309,854
2. Nursery, Trees and Shrubs	198,543
3. Nursery, Bedding Plants	165,465
4. Avocados	138,624
5. Flowers, Cut	88,393
6. Eggs	48,721
7. Flowers, Poinsettia	42,658
8. Tomatoes	30,578
9. Oranges, Valencia	27,161
10. Herbs	21,171

SAN FRANCISCO

1. Vegetable Crops	1,326
2. Flowers, Cut	913
3. —	—
4. —	—
5. —	—
6. —	—
7. —	—
8. —	—
9. —	—
10. —	—

SAN JOAQUIN

1. Milk, All	298,665
2. Grapes, All	243,665
3. Cherries, All	99,135
4. Tomatoes, All	90,979
5. Walnuts, English	78,986
6. Almonds, Meat	61,406
7. Hay, All	60,659
8. Asparagus	45,451
9. Nursery, Woody Ornamentals	34,257
10. Apples	31,248

SAN LUIS OBISPO

1. Grapes, Wine	138,054
2. Cattle and Calves	42,697
3. Broccoli	35,911
4. Lettuce, Head	30,481
5. Flowers, Foliage Plants	27,290
6. Flowers, Cut	25,144
7. Nursery, Vegetable Bedding Plants	21,358
8. Berries, Strawberries	17,707
9. Peas, Edible Pod (Snow)	16,093
10. Vegetable Crops	15,040

SAN MATEO

1. Mushrooms	23,269
2. Nursery, Potted Foliage Plants	22,180
3. Nursery Stock, Ornamental	21,557
4. Flowers, Potted Orchids	9,391
5. Nursery, Potted Lilies	6,918
6. Flowers, Potted Poinsettia	4,047
7. Brussels Sprouts	3,639
8. Flowers, Cut Lilies	3,074
9. Forest Products	2,742
10. Flowers, Snapdragons	2,480

SANTA BARBARA

1. Grapes, Wine	118,328
2. Broccoli	78,087
3. Strawberries	75,875
4. Lettuce, Head	55,751
5. Cauliflower	33,438
6. Avocados	32,906
7. Celery	28,156
8. Cattle	22,814
9. Flowers, Gerbera	13,318
10. Lettuce, Leaf	12,910

SANTA CLARA

1. Nursery Crops	139,049
2. Mushrooms	41,690
3. Peppers, Bell	16,690
4. Flowers, Cut	11,216
5. Cherries	10,439
6. Grapes, Wine	9,314
7. Cattle, Steers and Heifers	7,047
8. Lettuce, Leaf	6,553
9. Peppers, Wax and Chili	4,461
10. Lettuce, Head	4,066

SANTA CRUZ

1. Berries, Strawberries	149,706
2. Berries, Raspberries	44,907
3. Nursery, Woody Ornamentals	25,894
4. Lettuce, Head	24,771
5. Nursery Products	15,477
6. Flowers, Cut	14,535
7. Apples, All	12,548
8. Vegetable Crops	11,610
9. Berries, Bushberries	11,469
10. Flowers, Roses (Cut Standard)	10,301

SHASTA

1. Cattle, Stockers and Feeders	9,339
2. Nursery, Strawberry Plants	6,704
3. Hay, Other	5,436
4. Hay, Alfalfa	4,016
5. Pasture, Irrigated	3,300
6. Pasture and Range	3,156
7. Cattle, Beef (Breeding)	2,517
8. Livestock	2,485
9. Rice, Wild	2,078
10. Nursery Products	1,923

SIERRA

1. Cattle and Calves	4,560
2. Hay, Alfalfa	681
3. Pasture, Irrigated	550
4. Hay, Wild	528
5. Pasture and Range	416
6. Hay, Grain	95
7. Fruit and Nut Crops	49
8. Livestock	32
9. —	—
10. —	—

LEADING COMMODITIES FOR GROSS VALUE OF AGRICULTURAL PRODUCTION BY COUNTY, 2001 ¹ continued			
\$1,000			
SISKIYOU			
1. Nursery, Strawberry Plants	26,927	1. Rice	91,903
2. Hay, Alfalfa	21,187	2. Peaches	35,930
3. Cattle, Fed Heifers and Steers	12,296	3. Walnuts	28,178
4. Cattle, Calves Only	10,073	4. Plums, Dried	21,963
5. Cattle, Cows	6,592	5. Tomatoes	15,695
6. Pasture, Irrigated	5,480	6. Nursery Products	9,387
7. Milk, Market	5,459	7. Melons	7,570
8. Potatoes, Irish	4,329	8. Cattle and Calves	5,563
9. Nursery Products	3,000	9. Almonds	4,679
10. Hay, Other	2,568	10. Hay, Alfalfa	4,599
SOLANO			
1. Nursery Stock	37,668	1. Walnuts, English	21,663
2. Tomatoes, Processing	23,669	2. Plums, Dried	17,720
3. Hay, Alfalfa	22,058	3. Milk, Market	13,644
4. Cattle and Calves	16,789	4. Olives	10,303
5. Grapes, Wine	13,958	5. Cattle, Stockers and Feeders	8,447
6. Lambs, Feeder	7,731	6. Pasture and Range	6,510
7. Wheat, Irrigated	5,790	7. Almonds	5,840
8. Corn, Field	5,642	8. Cattle, Fed Heifers and Steers	3,628
9. Walnuts	5,438	9. Cattle, Dairy Heifers (Replacement)	3,255
10. Milk, Market	4,652	10. Cattle, Calves Only	3,135
SONOMA			
1. Grapes, Wine	374,390	1. Cattle, Fed Heifers and Steers	1,013
2. Milk, Market	90,848	2. Pasture, Range	587
3. Livestock and Poultry	41,756	3. Grapes, Wine	169
4. Cattle and Calves	11,997	4. Cattle, Milk Cows (Cull)	141
5. Vegetable Crops	10,120	5. Pasture, Irrigated	89
6. Nursery, Grapevines	9,770	6. Fruit and Nut Crops	63
7. Nursery Products	9,134	7. Nursery Products	32
8. Livestock and Poultry Products	8,482	8. Hay, Other	25
9. Nursery, Ornamentals	7,486	9. Cattle, Bulls	16
10. Apples, All	5,905	10. Cattle and Calves	5
STANISLAUS			
1. Milk, All	476,255	1. Milk	1,154,146
2. Almonds	137,060	2. Oranges, Navel and Valencia	530,526
3. Chickens, All	128,520	3. Cattle and Calves	438,470
4. Cattle and Calves, All	69,467	4. Grapes	361,515
5. Walnuts	57,383	5. Hay and Silage, Alfalfa	100,560
6. Nursery, Fruits and Nuts	49,607	6. Plums	92,340
7. Alfalfa	48,691	7. Cotton Lint and Seed	79,863
8. Silage, All	47,635	8. Nectarines	70,092
9. Tomatoes, All	42,353	9. Corn, Grain and Silage	55,592
10. Peaches, All	33,954	10. Peaches, Clingstone and Freestone	54,851
SUTTER			
TEHAMA			
TULARE			
TUOLUMNE			
VENTURA			
YOLO			
YUBA			

¹ The data rankings were extracted from county agricultural commissioners' reports where published. Those not ranked by the counties were ranked by the California Agricultural Statistics Service. Timber was omitted in rankings. Reports for Alpine and Trinity counties were not available at publication, resulting in the use of 2000 data for this report. Lake County was also not available at publication, so grape acreage data are from the 2001 Grape Acreage Report, price and production data are from the 2001 Grape Crush Report, and pear and walnut data are from industry sources. All other data are from the 1997 Lake County Agricultural Commissioner's Report.

COMMODITY RANK AND LEADING COUNTIES BY GROSS VALUE OF AGRICULTURAL PRODUCTION, 2001 ¹												
Commodity	State		Five Leading Counties by Rank and Percentage of State Total									
	Rank	Value \$1,000	1	Percent of Value	2	Percent of Value	3	Percent of Value	4	Percent of Value	5	Percent of Value
Milk and Cream	1	4,583,496	Tulare	25.2	Merced	13.7	Stanislaus	10.4	San Bernardino	9.7	Kings	7.9
Grapes, All	2	3,223,303	Kern	13.6	Sonoma	11.6	Tulare	11.2	Napa	11.0	Fresno	10.6
Nursery Products ²	3	2,395,646	San Diego	18.2	Orange	9.1	Ventura	7.2	Los Angeles	7.0	Santa Clara	6.0
Cattle and Calves, All	4	1,796,057	Tulare	24.4	Fresno	10.3	Imperial	10.1	Merced	8.0	San Bernardino	5.2
Lettuce	5	1,193,055	Monterey	55.0	Imperial	11.6	Fresno	10.1	Santa Barbara	5.8	San Benito	4.1
Oranges	6	989,718	Tulare	53.6	Kern	20.1	Fresno	14.8	Riverside	3.0	Ventura	3.0
Hay, Alfalfa	7	895,109	Imperial	16.2	Kern	12.8	Tulare	10.8	Merced	7.8	Fresno	6.9
Cotton Lint	8	869,330	Fresno	37.1	Kings	20.1	Kern	18.4	Merced	8.2	Tulare	7.9
Strawberries	9	843,004	Monterey	32.8	Ventura	27.4	Santa Cruz	17.8	Santa Barbara	9.0	Orange	6.2
Almonds	10	837,945	Kern	18.5	Fresno	16.6	Stanislaus	16.4	Merced	13.9	Madera	9.7
Flowers and Foliage ³	11	768,087	San Diego	54.4	Santa Barbara	9.9	San Luis Obispo	6.8	Ventura	6.7	Monterey	5.6
Rice (Excl. Seed)	12	490,806	Colusa	23.5	Glenn	19.5	Butte	19.2	Sutter	17.4	Yuba	7.2
Broccoli	13	471,744	Monterey	54.9	Santa Barbara	16.6	San Luis Obispo	7.6	Imperial	5.4	Fresno	5.0
Salad Greens, Misc.	14	467,067	Monterey	97.1	Imperial	2.3	San Benito	0.6	—	—	—	—
Tomatoes, Processing	15	465,290	Fresno	38.0	Yolo	14.8	San Joaquin	9.5	Colusa	7.9	Merced	6.6
Walnuts, English	16	368,484	San Joaquin	21.4	Stanislaus	15.6	Butte	12.2	Tulare	10.6	Sutter	7.6
Lemons	17	343,824	Ventura	50.5	Riverside	17.2	Kern	9.9	Tulare	6.4	San Diego	5.4
Peaches, All	18	341,014	Fresno	28.2	Tulare	16.1	Sutter	10.5	Stanislaus	10.0	Merced	6.4
Chickens	19	303,613	Merced	51.6	Stanislaus	42.3	San Bernardino	2.4	Placer	2.3	San Joaquin	0.6
Avocados	20	300,880	San Diego	46.1	Ventura	22.4	Riverside	11.7	Santa Barbara	10.9	San Luis Obispo	3.6
Celery	21	290,855	Ventura	48.7	Monterey	33.7	Santa Barbara	9.7	San Luis Obispo	4.1	San Benito	1.0
Silage, All	22	276,682	Tulare	24.3	Merced	19.8	Stanislaus	17.2	Kern	9.0	San Joaquin	8.5
Plums	23	208,143	Fresno	45.9	Tulare	44.4	Kern	5.5	Kings	2.5	Madera	1.6
Eggs, Chicken	24	207,297	Riverside	27.1	San Joaquin	23.5	Merced	15.5	San Bernardino	12.6	Fresno	8.1
Tomatoes, Fresh Market	25	203,251	Merced	25.2	San Joaquin	23.1	San Diego	14.5	Fresno	13.4	Stanislaus	8.2
Turkeys	26	197,414	Fresno	25.2	Merced	24.2	Kings	18.7	Stanislaus	16.1	Tulare	14.9
Nectarines	27	196,917	Fresno	52.2	Tulare	35.6	Kern	5.6	Kings	3.4	Stanislaus	1.9
Pistachios	28	191,887	Kern	42.0	Madera	17.5	Tulare	16.2	Fresno	10.6	Kings	9.5
Cauliflower	29	186,533	Monterey	55.0	Santa Barbara	17.9	Imperial	9.1	San Luis Obispo	5.3	Stanislaus	3.4
Pasture and Range, Other	30	177,335	Kern	22.1	Monterey	5.3	Merced	5.2	Tulare	5.0	Stanislaus	4.0
Peppers, Bell	31	166,646	Riverside	17.6	Fresno	16.0	Ventura	15.7	Kern	11.5	Santa Clara	9.7
Wheat (Excl. Seed)	32	163,307	Kings	19.7	Kern	15.8	Fresno	12.8	Imperial	12.3	San Joaquin	7.0
Cherries	33	158,584	San Joaquin	62.5	Fresno	9.9	Stanislaus	7.4	Santa Clara	6.6	Tulare	6.1
Melons, Cantaloupe	34	157,986	Fresno	51.2	Imperial	21.8	Merced	7.8	Riverside	7.3	Stanislaus	7.0
Onions	35	155,159	Fresno	30.9	Imperial	17.9	Kern	14.4	Los Angeles	7.5	San Joaquin	7.2
Garlic	36	151,866	Fresno	81.6	Kern	17.6	Mono	0.4	Santa Clara	0.4	Inyo	0.1
Mushrooms	37	147,364	Monterey	44.4	Santa Clara	28.3	San Mateo	15.8	San Diego	11.5	—	—
Potatoes (Incl. Seed)	38	145,654	Kern	57.4	San Joaquin	15.2	Imperial	12.7	Riverside	7.8	Siskiyou	3.0
Cottonseed	39	140,148	Fresno	32.1	Kern	22.0	Kings	21.9	Tulare	7.9	Merced	7.6
Apples	40	121,678	San Joaquin	25.7	Kern	18.8	Santa Cruz	10.3	Fresno	9.7	Stanislaus	6.1
Plums, Dried	41	111,922	Sutter	19.6	Tehama	15.8	Butte	14.8	Yuba	10.9	Glenn	9.9
Spinach	42	105,890	Monterey	72.7	Riverside	11.5	San Benito	4.1	Santa Barbara	3.7	Ventura	3.3
Asparagus	43	101,761	San Joaquin	44.7	Imperial	21.9	Monterey	21.6	Fresno	9.3	Santa Barbara	2.6
Pasture, Irrigated	44	94,661	Tulare	13.3	Stanislaus	9.8	Merced	7.3	Siskiyou	5.8	Fresno	5.3
Carrots	45	89,490	Imperial	52.8	Riverside	19.0	Monterey	17.4	Mono	4.4	Ventura	4.4
Corn, Grain	46	79,828	San Joaquin	31.8	Glenn	14.0	Sacramento	12.0	Tulare	11.9	Yolo	9.5
Pears	47	78,301	Sacramento	32.0	Lake	22.4	Mendocino	18.6	Fresno	13.4	Tulare	5.6
Olives	48	74,858	Tulare	56.4	Glenn	15.4	Tehama	13.8	Madera	8.2	Fresno	3.2
Beans, Dry	49	69,313	Stanislaus	20.1	San Joaquin	14.2	Fresno	9.4	Ventura	7.5	Tulare	7.0
Sugar Beets	50	63,858	Imperial	59.0	Fresno	24.2	Merced	7.5	Kern	3.5	Kings	2.7
Corn, Sweet	51	60,555	Fresno	30.2	Imperial	15.7	Contra Costa	14.1	San Joaquin	13.7	Riverside	9.8
Potatoes, Sweet	52	59,448	Merced	89.0	Stanislaus	11.0	—	—	—	—	—	—
Grapefruit	53	57,781	Riverside	47.7	Kern	23.0	San Diego	10.5	Tulare	9.9	Imperial	5.1
Sheep and Lambs	54	54,258	Kern	21.7	Solano	18.1	Imperial	12.1	Fresno	9.1	Riverside	7.4
Melons, Watermelon	55	52,910	Kern	25.7	Fresno	25.6	Riverside	19.5	San Joaquin	10.2	Imperial	9.4
Dates	56	52,246	Riverside	71.7	Imperial	28.3	—	—	—	—	—	—
Seed, Veg. and Vinecrop	57	46,942	Colusa	40.5	Imperial	11.4	San Joaquin	8.2	Kern	7.8	Fresno	7.1
Apricots	58	46,510	Stanislaus	41.6	Fresno	15.3	Tulare	11.8	Kern	8.1	San Joaquin	6.7
Artichokes	59	45,809	Monterey	84.0	Riverside	13.1	San Mateo	1.8	Orange	0.5	—	—
Hogs and Pigs	60	42,751	Tulare	70.8	Fresno	14.6	Stanislaus	4.1	Merced	3.2	Sacramento	1.2
Melons, Honeydew	61	40,615	Fresno	39.5	Yolo	18.5	Sutter	18.5	Imperial	12.3	Riverside	7.8
Hay, Grain	62	39,612	Merced	19.2	Stanislaus	18.1	Kern	12.9	Yolo	5.8	San Benito	3.8
Hay, Sudan	63	35,438	Imperial	70.3	Yolo	11.2	Tulare	5.8	Merced	5.1	Solano	3.4
Cabbage	64	34,756	Monterey	24.5	Santa Barbara	17.5	Ventura	16.7	San Luis Obispo	13.3	Imperial	11.4
Tangerines	65	34,006	Tulare	58.5	Riverside	23.5	San Diego	13.6	Imperial	2.8	Placer	1.6
Honey	66	28,440	Tulare	44.9	Kern	10.2	Riverside	10.1	Imperial	5.4	Fresno	5.2
Kiwifruit	67	24,193	Tulare	57.5	Butte	12.9	Yuba	11.2	Fresno	8.9	Kern	6.1
Alfalfa Seed	68	20,435	Fresno	51.7	Imperial	28.1	Kings	19.9	Lassen	0.3	—	—
Safflower	69	20,372	Yolo	29.7	Sutter	15.7	Colusa	13.9	San Joaquin	13.1	Kern	7.6
Cucumbers	70	17,975	San Diego	46.1	San Joaquin	22.7	Tulare	13.5	Orange	7.0	Santa Clara	6.9

¹ Compiled from county agricultural commissioners' reports for 2001. Reports for Alpine and Trinity counties were not available at publication, resulting in the use of 2000 data for this report. Lake County was also not available at publication, so the grape acreage data are from the 2001 Grape Acreage Report, price and production data are from the 2001 Grape Crush Report, and pear and walnut data are from industry sources. All other data are from the 1997 Lake County Agricultural Commissioner's Report.

² Includes trees, shrubs, vines, bedding plants, bulbs and turf, which were not included in flowers and foliage.

³ Includes cut flowers, potted plants, foliage plants and indoor decoratives.



FIELD CROPS

California's 2001 field crop production was worth \$3.06 billion at the farm-gate level. The average value per harvested acre increased from \$592 in 2000 to \$639 in 2001. Production of the major field crops in California was 26.0 million tons, down 9 percent from 28.5 million tons in 2000.

Notable Increases in Value:

Cotton, Pima	77%
Hay, Alfalfa	33%
Hay, Other	32%
Potatoes, Sweet	23%

Significant Decreases in Value:

Barley	11%
Dry Beans	13%
Corn for Grain	20%
Cotton, Upland	33%
Oats	49%
Potatoes	13%
Rice	36%
Sugar Beets	49%

Hay was the state's highest-valued field crop at \$1.02 billion, overtaking cotton with a value of \$658 million. Of the total hay value, alfalfa accounted for \$873 million and other hay was \$148 million. Nationally, California is the leading alfalfa-producing state and ranked second and third for all cotton and all hay production, respectively. The value of all hay increased 33 percent. This was based on a 4 percent production increase and a 28 percent jump in unit price per ton — from \$90.50 in 2000 to \$116.00 in 2001. Hay was in strong demand to provide for the growing dairy industry.

All cotton production and harvested acreage both dropped 6 percent from last year. However, American Pima production

jumped 85 percent, while Upland production declined 20 percent. The unit price of American Pima and Upland cotton dropped 7 and 16 percent, respectively. Planting began in mid-March, but cool, wet weather during the month and into early April caused a large amount of the acreage to be replanted. Due to poor Upland prices, a number of growers switched to American Pima.

Rice harvested acreage and production declined 14 and 12 percent, respectively, while the value dropped 36 percent. Lower unit prices were attributed to the large decline. Ideal conditions throughout the growing season provided for excellent yields.



Global positioning systems employ satellite technology to map soil, field and crop characteristics, allowing farmers to make management decisions based on highly accurate data.

The large decrease in dry bean value was attributed to a 21 percent drop in harvested acreage and a 22 percent decline in production.

Corn for grain harvested acreage and production both dropped 22 percent from the previous year.

Sugar beet acreage, production and value all dropped about 50 percent from 2000. Some sugar beet plants closed in California and, therefore, there was a large decrease in acreage.

FIELD CROP ACREAGE, PRODUCTION AND VALUE, 1992–2001

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Alfalfa Seed 1, 2		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	—	46,000	664	30,548,000	112.00	34,214
	1993	—	—	—	—	—	—
	1994	—	—	—	—	—	—
	1995	—	—	—	—	—	—
	1996	—	—	—	—	—	—
	1997	—	—	—	—	—	—
	1998	—	—	—	—	—	—
	1999	—	—	—	—	—	—
	2000	—	—	—	—	—	—
	2001	—	—	—	—	—	—
Barley		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1992	230,000	190,000	1.49	282,700	107.09	30,275
	1993	250,000	200,000	1.56	312,000	105.00	32,760
	1994	290,000	220,000	1.56	343,200	111.25	38,181
	1995	260,000	200,000	1.68	336,000	136.67	45,920
	1996	250,000	190,000	1.44	273,600	153.75	42,066
	1997	230,000	150,000	1.37	205,200	114.59	23,513
	1998	170,000	125,000	1.44	180,000	97.08	17,475
	1999	140,000	100,000	1.54	153,600	97.50	14,976
	2000	130,000	95,000	1.63	155,000	98.75	15,310
	2001	160,000	110,000	1.27	139,900	97.92	13,701
Beans, Black-Eyed Dry 1, 2		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	23,000	22,000	2,320	510,000	—	—
	1993	24,000	23,000	2,380	548,000	—	—
	1994	32,000	30,000	2,570	771,000	—	—
	1995	44,500	43,500	2,230	970,000	—	—
	1996	24,000	23,000	2,220	511,000	—	—
	1997	30,000	29,000	2,400	695,000	—	—
	1998	33,000	31,000	1,840	570,000	—	—
	1999	39,500	38,500	2,010	775,000	—	—
	2000	15,300	15,300	2,160	330,000	—	—
	2001	12,000	12,000	2,420	290,000	—	—
Beans, Garbanzo Dry 1, 2		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	15,000	15,000	1,260	189,000	—	—
	1993	17,500	16,500	1,350	222,000	—	—
	1994	14,000	14,000	1,870	262,000	—	—
	1995	19,000	17,000	1,690	288,000	—	—
	1996	25,000	23,000	1,530	352,000	—	—
	1997	9,000	9,000	1,670	150,000	—	—
	1998	5,000	5,000	1,600	80,000	—	—
	1999	16,500	16,500	1,730	285,000	—	—
	2000	24,500	23,500	1,460	343,000	—	—
	2001	33,000	31,000	1,230	380,000	—	—
Beans, Dark Red Kidney Dry 1, 2		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	7,500	7,500	1,640	123,000	—	—
	1993	7,000	7,000	1,730	121,000	—	—
	1994	7,000	7,000	1,790	125,000	—	—
	1995	4,500	4,500	1,600	72,000	—	—
	1996	5,000	5,000	1,640	82,000	—	—
	1997	5,000	5,000	1,800	90,000	—	—
	1998	5,500	5,500	850	47,000	—	—
	1999	3,500	3,500	1,310	46,000	—	—
	2000	6,000	6,000	1,370	82,000	—	—
	2001	2,500	2,500	2,000	50,000	—	—
Beans, Light Red Kidney Dry 1, 2		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	20,000	19,000	1,820	346,000	—	—
	1993	20,000	19,000	2,120	402,000	—	—
	1994	14,000	13,500	1,950	263,000	—	—
	1995	13,000	12,000	1,740	209,000	—	—
	1996	10,000	10,000	1,870	187,000	—	—
	1997	10,000	10,000	1,980	198,000	—	—
	1998	9,500	8,500	1,380	117,000	—	—
	1999	8,000	8,000	1,510	121,000	—	—
	2000	11,000	11,000	1,480	163,000	—	—
	2001	6,200	6,200	1,450	90,000	—	—

FIELD CROPS

FIELD CROP ACREAGE, PRODUCTION AND VALUE, 1992-2001 continued							
Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Beans, Baby Lima Dry 1, 2		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	21,000	20,000	2,490	498,000	—	—
	1993	14,000	14,000	2,510	351,000	—	—
	1994	26,000	24,500	2,490	609,000	—	—
	1995	23,000	22,000	2,320	510,000	—	—
	1996	24,000	23,000	2,250	517,000	—	—
	1997	37,000	36,000	2,510	902,000	—	—
	1998	13,000	12,000	1,700	204,000	—	—
	1999	27,000	26,000	2,380	620,000	—	—
	2000	24,500	23,500	2,310	542,000	—	—
2001	12,200	11,500	2,040	235,000	—	—	
Beans, Large Lima Dry 1, 2		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	26,000	25,000	2,460	615,000	—	—
	1993	15,000	15,000	2,330	350,000	—	—
	1994	24,000	23,500	1,830	429,000	—	—
	1995	21,000	20,000	2,080	415,000	—	—
	1996	21,000	20,000	1,970	394,000	—	—
	1997	30,000	29,000	2,480	718,000	—	—
	1998	26,000	25,000	1,250	312,000	—	—
	1999	25,000	24,000	1,800	433,000	—	—
	2000	20,500	19,500	2,240	437,000	—	—
2001	14,800	14,500	2,250	326,000	—	—	
Beans, Pink Dry 1, 2		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	4,500	4,500	1,930	87,000	—	—
	1993	4,500	4,500	2,000	90,000	—	—
	1994	7,000	7,000	2,160	151,000	—	—
	1995	7,000	6,000	1,630	98,000	—	—
	1996	8,000	8,000	1,560	125,000	—	—
	1997	4,000	4,000	1,550	62,000	—	—
	1998	5,500	5,500	1,070	59,000	—	—
	1999	2,000	2,000	1,150	23,000	—	—
	2000	700	700	860	6,000	—	—
2001	—	—	—	—	—	—	
Beans, Other Dry 1, 2, 3		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	4,000	4,000	1,930	77,000	—	—
	1993	7,000	7,000	1,800	126,000	—	—
	1994	12,000	11,500	1,400	161,000	—	—
	1995	13,000	12,000	1,480	178,000	—	—
	1996	11,000	11,000	1,430	157,000	—	—
	1997	10,000	10,000	1,850	185,000	—	—
	1998	12,500	12,500	1,320	165,000	—	—
	1999	13,500	13,500	1,130	152,000	—	—
	2000	12,500	12,500	1,250	156,000	—	—
2001	11,300	11,300	2,040	231,000	—	—	
Beans, All Dry Edible 3		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	121,000	117,000	20.90	2,445,000	24.40	59,658
	1993	109,000	106,000	20.85	2,210,000	35.30	78,013
	1994	136,000	131,000	21.20	2,771,000	34.80	96,431
	1995	145,000	137,000	20.00	2,740,000	34.80	95,352
	1996	128,000	123,000	18.90	2,325,000	38.50	89,513
	1997	135,000	132,000	22.70	3,000,000	29.40	88,200
	1998	110,000	105,000	14.80	1,554,000	36.10	56,099
	1999	135,000	132,000	18.60	2,455,000	27.00	66,285
	2000	115,000	112,000	18.40	2,059,000	26.80	55,181
2001	92,000	89,000	18.00	1,602,000	30.00	48,060	
Corn For Grain		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1992	375,000	150,000	4.62	693,000	101.79	70,538
	1993	400,000	170,000	4.62	785,400	113.93	89,480
	1994	420,000	180,000	4.76	856,800	106.43	91,188
	1995	435,000	150,000	4.48	672,000	141.07	94,800
	1996	500,000	220,000	4.48	985,600	120.36	118,624
	1997	585,000	265,000	4.76	1,261,400	108.93	137,403
	1998	600,000	245,000	4.48	1,097,600	95.00	104,272
	1999	525,000	185,000	4.76	880,600	89.29	78,625
	2000	540,000	205,000	4.76	975,800	87.14	85,034
2001	480,000	160,000	4.76	761,600	89.29	68,000	

FIELD CROP ACREAGE, PRODUCTION AND VALUE, 1992–2001 continued

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Corn For Silage ²		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1992	—	220,000	25	5,500,000	—	—
	1993	—	225,000	25	5,625,000	—	—
	1994	—	235,000	25	5,875,000	—	—
	1995	—	280,000	25	7,000,000	—	—
	1996	—	275,000	25	6,875,000	—	—
	1997	—	315,000	26	8,190,000	—	—
	1998	—	350,000	25	8,750,000	—	—
	1999	—	335,000	26	8,710,000	—	—
	2000	—	330,000	26	8,580,000	—	—
2001	—	315,000	26	8,190,000	—	—	
Cotton, American-Pima ⁴		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Bales</i>	<i>Cents Per Lb.</i>	<i>\$1,000</i>
	1992	110,000	110,000	1,282	293,700	78.7	110,948
	1993	91,000	91,000	1,132	214,600	84.0	86,527
	1994	81,000	80,800	1,098	184,800	102.0	90,478
	1995	115,000	115,000	937	224,500	126.0	135,778
	1996	165,000	164,000	1,098	375,000	107.0	192,600
	1997	185,000	184,000	1,141	437,200	102.0	214,053
	1998	200,000	180,000	941	352,800	92.3	156,305
	1999	240,000	239,000	1,210	602,700	85.1	246,191
	2000	145,000	144,000	1,154	346,300	101.0	167,886
2001	240,000	239,000	1,283	639,000	94.0	288,317	
Cotton, Upland ⁴		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Bales</i>	<i>Cents Per Lb.</i>	<i>\$1,000</i>
	1992	1,000,000	995,000	1,359	2,817,000	60.5	819,409
	1993	1,050,000	1,045,000	1,340	2,918,000	65.7	920,220
	1994	1,100,000	1,095,000	1,191	2,717,000	80.3	1,047,240
	1995	1,170,000	1,165,000	953	2,312,000	82.1	911,113
	1996	1,000,000	995,000	1,153	2,390,000	76.5	877,608
	1997	880,000	875,000	1,202	2,191,000	73.2	769,830
	1998	650,000	620,000	887	1,146,000	67.8	372,954
	1999	610,000	605,000	1,254	1,580,000	56.2	426,221
	2000	775,000	770,000	1,378	2,210,000	52.0	551,616
2001	630,000	625,000	1,359	1,770,000	43.5	369,576	
Cotton, All ⁴		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Bales</i>	<i>Cents Per Lb.</i>	<i>\$1,000</i>
	1992	1,110,000	1,105,000	1,351	3,110,700	62.3	930,357
	1993	1,141,000	1,136,000	1,324	3,132,600	67.0	1,006,747
	1994	1,181,000	1,175,800	1,185	2,901,800	81.7	1,137,718
	1995	1,285,000	1,280,000	951	2,536,500	86.0	1,046,891
	1996	1,165,000	1,159,000	1,145	2,765,000	80.6	1,070,208
	1997	1,065,000	1,059,000	1,191	2,628,200	78.0	983,883
	1998	850,000	800,000	899	1,498,800	73.6	529,259
	1999	850,000	844,000	1,241	2,182,700	64.2	672,412
	2000	920,000	914,000	1,342	2,556,300	58.6	719,502
2001	870,000	864,000	1,338	2,409,000	56.9	657,893	
Cottonseed ²		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1992	—	—	—	1,148,000	120.00	137,760
	1993	—	—	—	1,142,000	132.00	150,744
	1994	—	—	—	1,063,000	143.00	152,009
	1995	—	—	—	940,000	132.00	124,080
	1996	—	—	—	1,020,000	176.00	179,520
	1997	—	—	—	942,000	174.00	163,908
	1998	—	—	—	544,000	177.00	96,288
	1999	—	—	—	799,000	137.00	109,463
	2000	—	—	—	909,000	139.00	126,351
2001	—	—	—	849,000	142.00	120,558	
Hay, Alfalfa ²		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1992	—	960,000	6.70	6,432,000	83.00	533,856
	1993	—	920,000	6.90	6,348,000	105.00	666,540
	1994	—	950,000	7.00	6,650,000	112.00	744,800
	1995	—	940,000	6.90	6,486,000	101.00	655,086
	1996	—	940,000	7.00	6,580,000	110.00	723,800
	1997	—	950,000	7.20	6,840,000	119.00	813,960
	1998	—	1,050,000	6.60	6,930,000	98.00	679,140
	1999	—	1,050,000	6.90	7,245,000	90.00	652,050
	2000	—	1,020,000	7.00	7,140,000	92.00	656,880
2001	—	1,010,000	7.20	7,272,000	120.00	872,640	

FIELD CROP ACREAGE, PRODUCTION AND VALUE, 1992–2001 continued

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Hay, Other ²		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1992	—	490,000	2.70	1,323,000	50.00	66,150
	1993	—	460,000	2.70	1,242,000	74.00	91,908
	1994	—	520,000	3.00	1,560,000	69.50	108,420
	1995	—	530,000	3.50	1,855,000	67.50	125,213
	1996	—	510,000	2.80	1,428,000	82.00	117,096
	1997	—	560,000	2.80	1,568,000	98.00	153,664
	1998	—	580,000	2.80	1,624,000	68.00	110,432
	1999	—	530,000	2.90	1,537,000	75.00	115,275
	2000	—	510,000	2.80	1,428,000	78.50	112,098
2001	—	530,000	3.10	1,643,000	90.00	147,870	
Hay, All ^{2, 5}		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1992	—	1,450,000	5.35	7,755,000	79.50	600,006
	1993	—	1,380,000	5.50	7,590,000	102.00	758,448
	1994	—	1,470,000	5.59	8,210,000	107.00	853,220
	1995	—	1,470,000	5.67	8,341,000	98.50	780,299
	1996	—	1,450,000	5.52	8,008,000	108.00	840,896
	1997	—	1,510,000	5.57	8,408,000	117.00	967,624
	1998	—	1,630,000	5.25	8,554,000	96.00	789,572
	1999	—	1,580,000	5.56	8,782,000	89.00	767,325
	2000	—	1,530,000	5.60	8,568,000	90.50	768,978
2001	—	1,540,000	5.79	8,915,000	116.00	1,020,510	
Oats		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1992	380,000	35,000	1.28	44,800	103.13	4,620
	1993	300,000	30,000	1.28	38,400	115.63	4,440
	1994	310,000	30,000	1.28	38,400	183.13	7,032
	1995	350,000	30,000	1.36	40,800	130.63	5,330
	1996	300,000	30,000	1.20	36,000	138.75	4,995
	1997	350,000	30,000	1.28	38,400	123.75	4,752
	1998	320,000	30,000	1.20	36,000	85.00	3,060
	1999	275,000	25,000	1.36	34,000	93.75	3,188
	2000	220,000	25,000	1.20	30,000	96.88	2,906
2001	260,000	15,000	0.96	14,400	103.13	1,485	
Potatoes, Winter		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	5,300	5,300	260	1,378,000	14.10	19,430
	1993	5,600	5,200	200	1,040,000	20.20	21,008
	1994	4,500	4,500	215	968,000	21.10	20,425
	1995	5,000	5,000	260	1,300,000	18.20	23,660
	1996	5,700	5,700	250	1,425,000	21.10	30,068
	1997	6,600	6,600	235	1,551,000	18.10	28,073
	1998	7,000	7,000	220	1,540,000	22.40	34,496
	1999	8,500	8,500	260	2,210,000	22.60	49,946
	2000	9,000	9,000	320	2,880,000	17.00	48,960
2001	9,000	9,000	310	2,790,000	19.70	54,963	
Potatoes, Spring		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	19,300	19,300	375	7,238,000	9.20	66,590
	1993	19,500	19,500	385	7,508,000	13.00	97,604
	1994	20,500	20,500	380	7,790,000	11.60	90,364
	1995	18,000	17,800	350	6,230,000	13.60	84,728
	1996	20,100	20,100	375	7,538,000	13.00	97,994
	1997	20,700	20,700	390	8,073,000	9.85	79,519
	1998	18,500	18,500	335	6,198,000	10.50	65,079
	1999	19,000	19,000	400	7,600,000	10.80	82,080
	2000	18,800	18,800	395	7,426,000	12.20	90,597
2001	15,500	15,500	390	6,045,000	12.40	74,958	
Potatoes, Summer		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	4,400	4,300	320	1,376,000	16.80	23,117
	1993	4,800	4,800	330	1,584,000	13.30	21,067
	1994	5,700	5,700	370	2,109,000	13.00	27,417
	1995	5,500	5,500	320	1,760,000	17.50	30,800
	1996	5,800	5,800	360	2,088,000	14.60	30,485
	1997	5,900	5,900	360	2,124,000	14.50	30,798
	1998	6,200	6,100	355	2,166,000	11.90	25,775
	1999	6,700	6,700	360	2,412,000	12.80	30,874
	2000	7,500	7,500	355	2,663,000	18.10	48,200
2001	8,000	8,000	355	2,840,000	15.10	42,884	

FIELD CROP ACREAGE, PRODUCTION AND VALUE, 1992–2001 continued

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Potatoes, Fall		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	14,000	14,000	400	5,600,000	7.85	43,960
	1993	12,000	12,000	400	4,800,000	9.35	44,880
	1994	14,000	14,000	400	5,600,000	6.05	33,880
	1995	13,000	13,000	410	5,330,000	9.65	51,435
	1996	11,500	11,500	400	4,600,000	4.80	22,080
	1997	10,500	10,500	400	4,200,000	8.10	34,020
	1998	10,300	10,300	360	3,708,000	8.40	31,147
	1999	9,000	9,000	445	4,005,000	7.35	29,437
	2000	8,700	8,700	430	3,741,000	5.80	21,698
2001	2,500	2,500	445	1,113,000	8.15	9,071	
Potatoes, All (Excluding Sweet)		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	43,000	42,900	363	15,592,000	9.85	153,097
	1993	41,900	41,500	360	14,932,000	12.40	184,559
	1994	44,700	44,700	368	16,467,000	10.60	172,086
	1995	41,500	41,300	354	14,620,000	13.10	190,623
	1996	43,100	43,100	363	15,651,000	11.70	180,627
	1997	43,700	43,700	365	15,948,000	10.90	172,410
	1998	42,000	41,900	325	13,612,000	11.60	156,497
	1999	43,200	43,200	376	16,227,000	11.90	192,337
	2000	44,000	44,000	380	16,710,000	12.50	209,455
2001	35,000	35,000	365	12,788,000	14.20	181,876	
Potatoes, Sweet		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	9,000	9,000	205	1,845,000	20.30	37,454
	1993	8,300	8,300	210	1,743,000	24.30	42,355
	1994	8,200	8,200	205	1,681,000	28.70	48,245
	1995	9,600	9,600	200	1,920,000	33.00	63,360
	1996	9,600	9,600	225	2,160,000	26.10	56,376
	1997	9,700	9,700	205	1,989,000	28.00	55,692
	1998	9,700	9,700	220	2,134,000	25.80	55,057
	1999	10,000	10,000	240	2,400,000	28.80	69,120
	2000	10,500	10,500	250	2,625,000	24.10	63,263
2001	10,200	10,200	230	2,346,000	33.10	77,653	
Rice, Long ²		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	15,000	15,000	80.00	1,200,000	—	—
	1993	14,000	14,000	81.80	1,145,000	—	—
	1994	7,000	7,000	81.00	567,000	—	—
	1995	8,000	8,000	75.00	600,000	—	—
	1996	5,000	5,000	72.00	360,000	—	—
	1997	9,000	9,000	77.00	693,000	—	—
	1998	9,000	9,000	59.70	537,000	—	—
	1999	5,000	5,000	68.00	340,000	—	—
	2000	9,000	9,000	71.00	639,000	—	—
2001	13,000	13,000	77.00	1,001,000	—	—	
Rice, Medium ²		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	369,000	367,000	85.40	31,342,000	—	—
	1993	413,000	410,000	83.20	34,112,000	—	—
	1994	470,000	468,000	85.10	39,827,000	—	—
	1995	449,000	447,000	76.00	33,972,000	—	—
	1996	484,000	482,000	75.00	36,150,000	—	—
	1997	493,000	491,000	82.60	40,557,000	—	—
	1998	420,000	418,000	69.90	29,218,000	—	—
	1999	455,000	450,000	73.00	32,850,000	—	—
	2000	507,000	505,000	80.00	40,400,000	—	—
2001	435,000	433,000	83.00	35,939,000	—	—	
Rice, Short ²		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	12,000	12,000	79.00	948,000	—	—
	1993	13,000	13,000	78.00	1,014,000	—	—
	1994	10,000	10,000	83.00	830,000	—	—
	1995	10,000	10,000	78.00	780,000	—	—
	1996	13,000	13,000	73.00	949,000	—	—
	1997	16,000	16,000	81.00	1,296,000	—	—
	1998	31,000	31,000	52.60	1,631,000	—	—
	1999	50,000	50,000	70.00	3,500,000	—	—
	2000	34,000	34,000	73.00	2,482,000	—	—
2001	25,000	25,000	62.00	1,550,000	—	—	

FIELD CROP ACREAGE, PRODUCTION AND VALUE, 1992–2001 continued							
Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
Rice, All ⁶		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Dollars Per Cwt.</i>	<i>\$1,000</i>
	1992	396,000	394,000	85.00	33,490,000	5.64	188,884
	1993	440,000	437,000	83.00	36,271,000	8.27	299,961
	1994	487,000	485,000	85.00	41,224,000	6.97	287,331
	1995	467,000	465,000	76.00	35,352,000	8.97	310,744
	1996	502,000	500,000	74.90	37,459,000	7.91	296,301
	1997	518,000	516,000	82.50	42,546,000	7.95	338,241
	1998	460,000	458,000	68.50	31,386,000	9.19	288,437
	1999	510,000	505,000	72.70	36,690,000	6.97	255,729
	2000	550,000	548,000	79.40	43,521,000	4.99	217,170
2001	473,000	471,000	81.70	38,490,000	3.60	138,564	
Sugar Beets ^{2, 7}		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1992	154,000	150,000	28.20	4,230,000	35.90	151,857
	1993	138,000	136,000	26.00	3,536,000	35.50	125,528
	1994	143,000	141,000	28.00	3,948,000	33.50	132,258
	1995	116,000	114,000	28.00	3,192,000	39.40	125,765
	1996	84,000	82,000	29.50	2,419,000	43.00	104,017
	1997	101,000	99,000	30.00	2,970,000	40.60	120,582
	1998	101,000	99,000	27.50	2,723,000	39.80	108,375
	1999	110,000	108,000	32.00	3,456,000	36.80	127,181
	2000	98,000	92,500	34.00	3,145,000	30.40	95,608
2001	46,800	45,000	35.70	1,607,000	—	—	
Wheat, Winter (Excluding Durum)		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1992	585,000	535,000	2.16	1,155,600	114.33	132,124
	1993	550,000	500,000	2.31	1,155,000	105.00	121,275
	1994	590,000	510,000	2.28	1,162,800	117.33	136,435
	1995	580,000	425,000	1.83	777,800	138.33	107,589
	1996	640,000	550,000	2.07	1,138,500	163.33	185,955
	1997	510,000	400,000	2.10	840,000	123.67	103,880
	1998	500,000	380,000	1.80	684,000	98.67	67,488
	1999	500,000	370,000	2.34	865,800	91.67	79,365
	2000	535,000	390,000	2.10	819,000	89.00	72,891
2001	530,000	380,000	2.10	798,000	100.00	79,800	
Wheat, Durum		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1992	57,000	55,000	2.79	153,500	118.96	18,261
	1993	41,000	40,000	2.85	114,000	136.00	15,504
	1994	60,000	59,000	2.85	168,200	153.67	25,839
	1995	70,000	68,000	3.00	204,000	165.00	33,660
	1996	140,000	138,000	3.00	414,000	171.33	70,932
	1997	145,000	144,000	2.85	410,400	142.67	58,550
	1998	180,000	175,000	2.70	472,500	127.67	60,323
	1999	90,000	85,000	3.15	267,800	123.33	33,023
	2000	100,000	97,000	3.00	291,000	106.33	30,943
2001	85,000	81,000	3.15	255,200	128.33	32,744	
Wheat, All		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars Per Ton</i>	<i>\$1,000</i>
	1992	642,000	590,000	2.22	1,309,100	114.88	150,385
	1993	591,000	540,000	2.35	1,269,000	107.78	136,779
	1994	650,000	569,000	2.34	1,331,000	121.92	162,274
	1995	650,000	493,000	1.99	981,800	143.87	141,249
	1996	780,000	688,000	2.26	1,552,500	165.47	256,887
	1997	655,000	544,000	2.30	1,250,400	129.90	162,430
	1998	680,000	555,000	2.09	1,156,500	100.67	127,811
	1999	590,000	455,000	2.49	1,133,600	94.67	112,388
	2000	635,000	487,000	2.28	1,110,000	94.00	103,834
2001	615,000	461,000	2.28	1,053,200	106.67	112,544	

¹ Production is on a clean basis.
² Dashes represent data not published due to the estimate being discontinued, not estimated, or not available.
³ Includes varieties not listed separately and excludes beans grown for garden seed.
⁴ Cotton bales are 480 lbs. net-weight.
⁵ Estimated marketings of alfalfa and other hay used as weights to calculate all hay price for 1992–2001.
⁶ Excludes sweet and wild rice.
⁷ Includes some acreage carried over and harvested the following spring.

FIELD CROPS

FIELD CROP MONTHLY AVERAGE PRICES RECEIVED, 1992–2001 continued													
Crop	Crop Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Potatoes		<i>Dollars Per Cwt.</i>											
	1992	6.45	7.00	6.10	7.90	7.45	8.65	11.20	15.30	11.00	8.75	10.70	11.20
	1993	10.90	10.90	9.20	13.60	11.80	11.10	14.70	15.10	11.00	8.50	13.30	13.90
	1994	13.70	11.60	11.60	10.70	11.70	11.00	12.10	11.50	6.75	6.55	8.45	8.40
	1995	8.50	9.80	9.15	8.55	12.10	12.10	14.30	16.80	19.30	13.40	13.50	12.50
	1996	12.20	12.00	14.00	13.90	11.20	13.10	13.10	11.00	14.90	11.20	9.80	7.95
	1997	8.50	8.70	9.95	11.50	8.15	9.95	10.20	13.50	14.70	13.80	8.20	11.20
	1998	11.00	12.30	17.10	15.30	11.00	10.20	9.90	10.90	12.00	10.70	11.50	14.20
	1999	16.70	16.40	12.90	20.40	8.65	11.50	11.30	12.30	16.50	7.95	12.20	10.90
	2000	13.00	12.50	13.20	14.20	10.80	11.20	14.60	17.40	16.80	8.00	8.05	11.50
	2001	15.80	16.00	7.35	6.85	12.10	9.60	12.60	15.70	14.80	11.00	13.20	17.10
Wheat, All		<i>Dollars Per Ton</i>											
	1992	125.00	133.00	127.00	127.00	115.00	117.00	116.00	109.00	113.00	117.00	115.00	111.00
	1993	118.00	124.00	111.00	107.00	106.00	106.00	100.00	105.00	100.00	99.40	113.40	119.00
	1994	125.00	115.00	115.00	115.00	124.00	126.00	113.00	115.00	125.00	135.00	135.00	133.00
	1995	144.00	128.00	140.00	125.00	142.00	151.00	135.00	¹	¹	150.00	177.00	154.00
	1996	167.00	175.00	188.00	188.00	185.00	179.00	160.00	160.00	159.00	147.00	144.00	140.00
	1997	161.00	146.00	151.00	145.00	140.00	134.00	¹	¹	124.00	131.00	¹	¹
	1998	¹	¹	104.00	104.00	124.00	99.60	¹	¹	¹	¹	¹	¹
	1999	96.70	100.00	98.70	104.00	93.00	¹	¹	¹	106.00	¹	¹	¹
	2000	¹	85.00	86.70	¹	¹	¹	¹	¹	¹	¹	¹	¹
	2001	¹	¹	¹	¹	111.00	114.00	¹	¹	¹	¹	¹	¹

¹ Not published due to insufficient sales or disclosure.

BARLEY ACREAGE AND PRODUCTION BY COUNTY, 2000-2001

County	2000				2001			
	Planted Acres	Harvested Acres	Yield/Acre Tons	Production Tons	Planted Acres	Harvested Acres	Yield/Acre Tons	Production Tons
Del Norte	—	—	—	—	—	—	—	—
Humboldt	—	—	—	—	—	—	—	—
Mendocino	—	—	—	—	—	—	—	—
Combined 1	—	—	—	—	1,100	900	1.04	936
District 10 Total	—	—	—	—	1,100	900	1.04	936
Shasta	—	—	—	—	—	—	—	—
Siskiyou	14,100	11,800	2.52	29,736	13,300	10,200	1.97	20,088
Trinity	—	—	—	—	—	—	—	—
Combined 1	400	200	1.44	288	700	300	1.28	384
District 20 Total	14,500	12,000	2.50	30,024	14,000	10,500	1.95	20,472
Lassen	—	—	—	—	—	—	—	—
Modoc	13,500	11,300	2.47	27,936	16,200	13,600	1.82	24,816
Plumas	—	—	—	—	—	—	—	—
Combined 1	500	200	2.04	408	600	200	1.68	336
District 30 Total	14,000	11,500	2.46	28,344	16,800	13,800	1.82	25,152
Alameda	3,900	2,100	1.47	3,096	1,700	700	1.20	840
Contra Costa	—	—	—	—	—	—	—	—
Lake	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—
Monterey	12,000	8,700	0.89	7,728	11,600	7,200	0.84	6,048
Napa	—	—	—	—	—	—	—	—
San Benito	2,100	900	1.01	912	1,900	800	0.90	720
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	23,800	17,900	0.96	17,184	36,100	25,000	0.84	21,000
San Mateo	—	—	—	—	—	—	—	—
Santa Clara	—	—	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	—	—	—	—	—	—	—	—
Combined 1	200	100	1.44	144	200	100	0.96	96
District 40 Total	42,000	29,700	0.98	29,064	51,500	33,800	0.85	28,704
Butte	—	—	—	—	—	—	—	—
Colusa	—	—	—	—	—	—	—	—
Glenn	—	—	—	—	—	—	—	—
Sacramento	800	500	1.63	816	1,000	700	1.30	912
Solano	4,200	3,300	1.38	4,560	5,600	4,200	1.25	5,232
Sutter	—	—	—	—	—	—	—	—
Tehama	2,900	2,200	1.05	2,304	1,500	1,100	0.89	984
Yolo	1,200	800	1.68	1,344	2,000	1,400	1.68	2,352
Yuba	—	—	—	—	—	—	—	—
Combined 1	400	200	1.20	240	1,800	1,300	1.16	1,512
District 50 Total	9,500	7,000	1.32	9,264	11,900	8,700	1.26	10,992
Fresno	6,500	5,300	2.23	11,808	10,200	7,300	1.59	11,640
Kern	23,500	17,300	1.53	26,400	24,100	18,000	1.13	20,424
Kings	5,900	4,100	1.62	6,624	5,600	3,200	1.25	3,984
Madera	—	—	—	—	2,000	1,400	1.47	2,064
Merced	4,000	2,400	2.14	5,136	6,100	3,200	1.50	4,800
San Joaquin	—	—	—	—	—	—	—	—
Stanislaus	1,200	700	1.58	1,104	—	—	—	—
Tulare	3,300	2,100	1.69	3,552	4,100	3,100	1.26	3,912
Combined 1	900	600	2.04	1,224	3,200	1,800	1.37	2,472
District 51 Total	45,300	32,500	1.72	55,848	55,300	38,000	1.30	49,296
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	—	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
Combined 1	200	100	1.20	120	200	100	0.96	96
District 60 Total	200	100	1.20	120	200	100	0.96	96

FIELD CROPS

BARLEY ACREAGE AND PRODUCTION BY COUNTY, 2000–2001 continued								
County	2000				2001			
	Planted <i>Acres</i>	Harvested <i>Acres</i>	Yield/Acre <i>Tons</i>	Production <i>Tons</i>	Planted <i>Acres</i>	Harvested <i>Acres</i>	Yield/Acre <i>Tons</i>	Production <i>Tons</i>
Imperial	—	—	—	—	—	—	—	—
Los Angeles	1,500	700	0.89	624	4,200	1,800	0.84	1,512
Orange	—	—	—	—	—	—	—	—
Riverside	2,400	1,300	1.16	1,512	4,400	2,200	1.15	2,520
San Bernardino	—	—	—	—	—	—	—	—
San Diego	—	—	—	—	—	—	—	—
Santa Barbara	—	—	—	—	—	—	—	—
Ventura	—	—	—	—	—	—	—	—
Combined ¹	600	200	1.20	240	600	200	1.20	240
District 80 Total	4,500	2,200	1.08	2,376	9,200	4,200	1.02	4,272
STATE	130,000	95,000	1.63	155,040	160,000	110,000	1.27	139,920

¹ Includes one or more counties within a district that normally have less than 200 acres planted.

BEANS, DRY EDIBLE ACREAGE AND PRODUCTION BY COUNTY, 2000-2001

County	2000				2001			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	Acres	Acres	Pounds	Cwt.	Acres	Acres	Pounds	Cwt.
Del Norte	—	—	—	—	—	—	—	—
Humboldt	—	—	—	—	—	—	—	—
Mendocino	200	200	1,500	3,000	200	200	1,500	3,000
District 10 Total	200	200	1,500	3,000	200	200	1,500	3,000
Shasta	—	—	—	—	200	200	1,500	3,000
Siskiyou	—	—	—	—	—	—	—	—
Trinity	—	—	—	—	—	—	—	—
District 20 Total	—	—	—	—	200	200	1,500	3,000
Lassen	—	—	—	—	—	—	—	—
Modoc	—	—	—	—	—	—	—	—
Plumas	—	—	—	—	—	—	—	—
District 30 Total	—	—	—	—	—	—	—	—
Alameda	—	—	—	—	200	200	1,000	2,000
Contra Costa	—	—	—	—	—	—	—	—
Lake	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—
Monterey	1,400	1,400	2,143	30,000	1,300	1,300	2,231	29,000
Napa	—	—	—	—	—	—	—	—
San Benito	—	—	—	—	—	—	—	—
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	500	500	1,000	5,000	300	300	1,000	3,000
San Mateo	200	200	1,250	2,500	200	200	1,500	3,000
Santa Clara	400	400	1,375	5,500	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	—	—	—	—	—	—	—	—
District 40 Total	2,500	2,500	1,720	43,000	2,000	2,000	1,850	37,000
Butte	1,000	1,000	1,550	15,500	800	800	1,875	15,000
Colusa	8,700	8,600	1,634	140,500	7,500	7,400	1,689	125,000
Glenn	1,100	1,000	1,700	17,000	2,900	2,900	1,759	51,000
Sacramento	800	800	1,625	13,000	1,300	1,300	1,538	20,000
Solano	4,400	4,200	1,762	74,000	3,400	3,300	1,788	59,000
Sutter	6,600	6,400	1,695	108,500	7,600	7,400	1,743	129,000
Tehama	1,100	1,100	1,818	20,000	800	800	1,750	14,000
Yolo	2,100	2,000	1,575	31,500	900	900	1,778	16,000
Yuba	200	200	1,500	3,000	—	—	—	—
District 50 Total	26,000	25,300	1,672	423,000	25,200	24,800	1,730	429,000
Fresno	13,400	13,100	1,679	220,000	14,100	13,500	1,793	242,000
Kern	3,100	3,000	1,933	58,000	1,800	1,700	1,471	25,000
Kings	10,300	9,900	1,626	161,000	15,800	14,900	1,302	194,000
Madera	200	200	2,000	4,000	300	300	2,333	7,000
Merced	5,100	4,900	1,786	87,500	4,200	4,000	1,725	69,000
San Joaquin	21,400	21,000	1,998	419,500	11,000	10,600	2,208	234,000
Stanislaus	18,100	17,400	2,172	378,000	8,400	8,100	2,432	197,000
Tulare	7,700	7,600	2,158	164,000	2,900	2,900	2,655	77,000
District 51 Total	79,300	77,100	1,935	1,492,000	58,500	56,000	1,866	1,045,000
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	—	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
District 60 Total	—	—	—	—	—	—	—	—
Imperial	—	—	—	—	—	—	—	—
Los Angeles	—	—	—	—	—	—	—	—
Orange	1,000	1,000	1,450	14,500	1,500	1,400	1,500	21,000
Riverside	600	600	1,250	7,500	900	900	1,444	13,000
San Bernardino	—	—	—	—	—	—	—	—
San Diego	200	200	1,500	3,000	—	—	—	—
Santa Barbara	5,000	4,900	1,429	70,000	3,100	3,100	1,484	46,000
Ventura	200	200	1,500	3,000	—	—	—	—
Combined ¹	—	—	—	—	400	400	1,250	5,000
District 80 Total	7,000	6,900	1,420	98,000	5,900	5,800	1,466	85,000
STATE	115,000	112,000	1,838	2,059,000	92,000	89,000	1,800	1,602,000

¹ Includes one or more counties within a district that normally have less than 200 acres planted.

CORN ACREAGE AND PRODUCTION BY COUNTY, 2000-2001								
County	2000				2001			
	Planted Acres	Harvested Acres	Yield/Acre Tons	Production Tons	Planted Acres	Harvested Acres	Yield/Acre Tons	Production Tons
Del Norte	—	—	—	—	—	—	—	—
Humboldt	—	—	—	—	—	—	—	—
Mendocino	—	—	—	—	—	—	—	—
District 10 Total	—	—	—	—	—	—	—	—
Shasta	200	—	—	—	200	—	—	—
Siskiyou	300	—	—	—	300	—	—	—
Trinity	—	—	—	—	—	—	—	—
District 20 Total	500	—	—	—	500	—	—	—
Lassen	—	—	—	—	—	—	—	—
Modoc	—	—	—	—	—	—	—	—
Plumas	—	—	—	—	—	—	—	—
District 30 Total	—	—	—	—	—	—	—	—
Alameda	600	600	3.27	1,960	400	400	4.34	1,736
Contra Costa	5,800	5,500	3.68	20,244	5,800	5,600	3.33	18,620
Lake	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—
Monterey	—	—	—	—	—	—	—	—
Napa	—	—	—	—	—	—	—	—
San Benito	—	—	—	—	—	—	—	—
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	200	200	3.78	756	200	200	3.22	644
San Mateo	—	—	—	—	—	—	—	—
Santa Clara	—	—	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	400	—	—	—	300	—	—	—
District 40 Total	7,000	6,300	3.65	22,960	6,700	6,200	3.39	21,000
Butte	900	500	3.92	1,960	500	300	3.73	1,120
Colusa	4,500	4,100	3.82	15,680	3,500	3,200	3.76	12,040
Glenn	16,000	13,500	6.01	81,200	16,500	13,000	5.82	75,600
Sacramento	37,000	29,800	4.23	126,000	29,000	23,600	4.15	98,000
Solano	21,000	20,600	4.87	100,240	15,000	14,000	5.30	74,200
Sutter	7,500	7,200	5.06	36,400	6,000	5,500	5.09	28,000
Tehama	1,600	900	5.13	4,620	1,000	600	4.67	2,800
Yolo	29,000	28,000	5.10	142,800	17,500	17,100	5.32	91,000
Yuba	1,500	900	4.82	4,340	1,000	700	5.20	3,640
District 50 Total	119,000	105,500	4.86	513,240	90,000	78,000	4.95	386,400
Fresno	18,000	3,500	4.48	15,680	20,000	2,500	4.48	11,200
Kern	16,000	1,500	4.67	7,000	20,000	500	4.48	2,240
Kings	37,000	7,000	4.40	30,800	42,500	5,500	4.99	27,440
Madera	18,000	5,500	5.09	28,000	17,000	3,000	4.90	14,700
Merced	63,000	6,000	4.62	27,720	53,500	3,500	5.40	18,900
San Joaquin	85,000	50,000	4.72	235,900	79,500	49,500	4.52	224,000
Stanislaus	59,000	1,500	3.73	5,600	51,000	3,000	3.73	11,200
Tulare	109,000	16,000	4.90	78,400	94,500	7,500	5.41	40,600
District 51 Total	405,000	91,000	4.72	429,100	378,000	75,000	4.67	350,280
Alpine	—	—	—	—	—	—	—	—
Amador	300	300	5.13	1,540	300	300	4.67	1,400
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	200	200	4.20	840	—	—	—	—
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
District 60 Total	500	500	4.76	2,380	300	300	4.67	1,400
Imperial	2,000	1,200	4.67	5,600	1,300	500	5.04	2,520
Los Angeles	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—
Riverside	4,500	500	5.04	2,520	1,800	—	—	—
San Bernardino	500	—	—	—	600	—	—	—
San Diego	—	—	—	—	—	—	—	—
Santa Barbara	500	—	—	—	300	—	—	—
Ventura	—	—	—	—	—	—	—	—
District 80 Total	7,500	1,700	4.78	8,120	4,000	500	5.04	2,520
Other Counties ¹	500	—	—	—	500	—	—	—
STATE	540,000	205,000	4.76	975,800	480,000	160,000	4.76	761,600

¹ Includes counties from one or more districts that normally have less than 200 acres planted.

COTTON, AMERICAN PIMA ACREAGE AND PRODUCTION BY COUNTY, 2000-2001

County	2000				2001			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	Acres	Acres	Pounds	Bales	Acres	Acres	Pounds	Bales
Del Norte	—	—	—	—	—	—	—	—
Humboldt	—	—	—	—	—	—	—	—
Mendocino	—	—	—	—	—	—	—	—
District 10 Total	—	—	—	—	—	—	—	—
Shasta	—	—	—	—	—	—	—	—
Siskiyou	—	—	—	—	—	—	—	—
Trinity	—	—	—	—	—	—	—	—
District 20 Total	—	—	—	—	—	—	—	—
Lassen	—	—	—	—	—	—	—	—
Modoc	—	—	—	—	—	—	—	—
Plumas	—	—	—	—	—	—	—	—
District 30 Total	—	—	—	—	—	—	—	—
Alameda	—	—	—	—	—	—	—	—
Contra Costa	—	—	—	—	—	—	—	—
Lake	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—
Monterey	—	—	—	—	—	—	—	—
Napa	—	—	—	—	—	—	—	—
San Benito	—	—	—	—	—	—	—	—
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	—	—	—	—	—	—	—	—
San Mateo	—	—	—	—	—	—	—	—
Santa Clara	—	—	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	—	—	—	—	—	—	—	—
District 40 Total	—	—	—	—	—	—	—	—
Butte	—	—	—	—	—	—	—	—
Colusa	—	—	—	—	—	—	—	—
Glenn	—	—	—	—	—	—	—	—
Sacramento	—	—	—	—	—	—	—	—
Solano	—	—	—	—	—	—	—	—
Sutter	—	—	—	—	—	—	—	—
Tehama	—	—	—	—	—	—	—	—
Yolo	—	—	—	—	—	—	—	—
Yuba	—	—	—	—	—	—	—	—
District 50 Total	—	—	—	—	—	—	—	—
Fresno	32,300	32,000	1,433	95,500	105,500	105,100	1,388	303,900
Kern	16,400	16,100	1,357	45,500	31,200	31,000	1,394	90,000
Kings	87,900	87,500	1,036	188,800	95,300	94,900	1,128	223,000
Madera	—	—	—	—	400	400	1,320	1,100
Merced	500	500	1,632	1,700	3,000	3,000	1,296	8,100
San Joaquin	—	—	—	—	—	—	—	—
Stanislaus	—	—	—	—	—	—	—	—
Tulare	7,600	7,600	909	14,400	4,500	4,500	1,355	12,700
District 51 Total	144,700	143,700	1,155	345,900	239,900	238,900	1,283	638,800
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	—	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
District 60 Total	—	—	—	—	—	—	—	—
Imperial	—	—	—	—	—	—	—	—
Los Angeles	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—
Riverside	—	—	—	—	—	—	—	—
San Bernardino	—	—	—	—	—	—	—	—
San Diego	—	—	—	—	—	—	—	—
Santa Barbara	—	—	—	—	—	—	—	—
Ventura	—	—	—	—	—	—	—	—
District 80 Total	—	—	—	—	—	—	—	—
Other Counties ¹	300	300	640	400	100	100	960	200
STATE	145,000	144,000	1,154	346,300	240,000	239,000	1,283	639,000

¹ Includes counties from one or more districts that normally have less than 200 acres planted.

FIELD CROPS

COTTON, UPLAND ACREAGE AND PRODUCTION BY COUNTY, 2000-2001								
County	2000				2001			
	Planted Acres	Harvested Acres	Yield/Acre Pounds	Production Bales	Planted Acres	Harvested Acres	Yield/Acre Pounds	Production Bales
Del Norte	—	—	—	—	—	—	—	—
Humboldt	—	—	—	—	—	—	—	—
Mendocino	—	—	—	—	—	—	—	—
District 10 Total	—	—	—	—	—	—	—	—
Shasta	—	—	—	—	—	—	—	—
Siskiyou	—	—	—	—	—	—	—	—
Trinity	—	—	—	—	—	—	—	—
District 20 Total	—	—	—	—	—	—	—	—
Lassen	—	—	—	—	—	—	—	—
Modoc	—	—	—	—	—	—	—	—
Plumas	—	—	—	—	—	—	—	—
District 30 Total	—	—	—	—	—	—	—	—
Alameda	—	—	—	—	—	—	—	—
Contra Costa	—	—	—	—	—	—	—	—
Lake	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—
Monterey	—	—	—	—	—	—	—	—
Napa	—	—	—	—	—	—	—	—
San Benito	—	—	—	—	—	—	—	—
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	—	—	—	—	—	—	—	—
San Mateo	—	—	—	—	—	—	—	—
Santa Clara	—	—	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	—	—	—	—	—	—	—	—
District 40 Total	—	—	—	—	—	—	—	—
Butte	—	—	—	—	—	—	—	—
Colusa	10,900	10,900	1,418	32,200	12,000	12,000	1,360	34,000
Glenn	1,700	1,700	1,101	3,900	2,400	2,400	1,220	6,100
Sacramento	—	—	—	—	—	—	—	—
Solano	—	—	—	—	—	—	—	—
Sutter	1,300	1,300	1,218	3,300	2,400	2,400	1,260	6,300
Tehama	—	—	—	—	—	—	—	—
Yolo	3,600	3,600	960	7,200	5,500	5,500	1,248	14,300
Yuba	—	—	—	—	—	—	—	—
District 50 Total	17,500	17,500	1,278	46,600	22,300	22,300	1,307	60,700
Fresno	237,300	236,000	1,436	706,000	165,500	164,500	1,415	485,000
Kern	164,500	164,000	1,437	491,100	125,600	124,900	1,335	347,300
Kings	152,400	151,100	1,248	393,000	107,500	106,500	1,318	292,500
Madera	29,200	29,200	1,323	80,500	27,000	26,900	1,310	73,400
Merced	71,100	70,000	1,435	209,200	66,000	65,100	1,425	193,200
San Joaquin	—	—	—	—	—	—	—	—
Stanislaus	—	—	—	—	—	—	—	—
Tulare	80,300	79,500	1,289	213,500	80,800	80,000	1,297	216,200
District 51 Total	734,800	729,800	1,377	2,093,300	572,400	567,900	1,359	1,607,600
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	—	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
District 60 Total	—	—	—	—	—	—	—	—
Imperial	8,300	8,300	1,492	25,800	12,800	12,500	1,440	37,500
Los Angeles	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—
Riverside	13,700	13,700	1,489	42,500	20,600	20,400	1,395	59,300
San Bernardino	600	600	1,360	1,700	1,600	1,600	1,320	4,400
San Diego	—	—	—	—	—	—	—	—
Santa Barbara	—	—	—	—	—	—	—	—
Ventura	—	—	—	—	—	—	—	—
District 80 Total	22,600	22,600	1,487	70,000	35,000	34,500	1,408	101,200
Other Counties ¹	100	100	480	100	300	300	800	500
STATE	775,000	770,000	1,378	2,210,000	630,000	625,000	1,359	1,770,000

¹ Includes counties from one or more districts that normally have less than 500 acres planted.

OAT ACREAGE AND PRODUCTION BY COUNTY, 2000-2001

County	2000				2001			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	Acres	Acres	Tons	Tons	Acres	Acres	Tons	Tons
Del Norte	—	—	—	—	—	—	—	—
Humboldt	400	—	—	—	400	—	—	—
Mendocino	1,600	300	1.17	352	1,600	200	1.20	240
District 10 Total	2,000	300	1.17	352	2,000	200	1.20	240
Shasta	1,700	300	1.44	432	2,400	200	1.04	208
Siskiyou	7,300	2,000	1.42	2,848	5,600	500	1.09	544
Trinity	—	—	—	—	—	—	—	—
District 20 Total	9,000	2,300	1.43	3,280	8,000	700	1.07	752
Lassen	3,300	700	1.28	896	3,200	200	1.44	288
Modoc	5,800	700	1.69	1,184	5,100	300	1.17	352
Plumas	900	—	—	—	700	—	—	—
District 30 Total	10,000	1,400	1.49	2,080	9,000	500	1.28	640
Alameda	1,900	300	1.01	304	1,700	200	0.80	160
Contra Costa	1,000	100	1.04	104	1,200	200	0.80	160
Lake	1,200	100	1.04	104	1,200	—	—	—
Marin	2,800	600	0.93	560	4,000	—	—	—
Monterey	2,000	500	0.96	480	2,500	600	1.01	608
Napa	600	—	—	—	700	—	—	—
San Benito	2,600	500	0.96	480	2,500	500	0.77	384
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	8,700	300	1.12	336	12,000	400	0.72	288
San Mateo	800	300	0.96	288	1,000	200	0.56	112
Santa Clara	1,400	100	1.12	112	1,400	—	—	—
Santa Cruz	700	—	—	—	800	—	—	—
Sonoma	18,300	3,600	0.90	3,232	22,000	1,200	0.89	1,072
District 40 Total	42,000	6,400	0.94	6,000	51,000	3,300	0.84	2,784
Butte	2,800	400	1.28	512	2,400	200	0.72	144
Colusa	700	600	1.27	760	900	—	—	—
Glenn	4,100	100	1.28	128	5,100	200	0.96	192
Sacramento	4,600	200	1.28	256	5,200	—	—	—
Solano	2,700	200	1.28	256	3,500	200	0.96	192
Sutter	2,800	200	1.32	264	2,700	300	1.39	416
Tehama	3,500	300	1.33	400	5,300	200	1.04	208
Yolo	8,100	500	1.50	752	9,200	300	1.33	400
Yuba	700	500	1.34	672	700	200	1.04	208
District 50 Total	30,000	3,000	1.33	4,000	35,000	1,600	1.10	1,760
Fresno	9,800	500	1.38	688	10,500	400	1.16	464
Kern	2,600	200	1.40	280	3,200	300	1.17	352
Kings	2,400	200	1.56	312	3,500	—	—	—
Madera	6,400	1,200	1.53	1,840	5,900	800	1.04	832
Merced	26,900	1,700	1.46	2,480	30,400	1,200	0.89	1,072
San Joaquin	16,200	800	1.44	1,152	18,000	700	1.21	848
Stanislaus	22,700	1,000	1.44	1,440	29,000	1,900	0.96	1,824
Tulare	17,000	4,300	1.09	4,688	19,500	2,000	0.91	1,824
District 51 Total	104,000	9,900	1.30	12,880	120,000	7,300	0.99	7,216
Alpine	—	—	—	—	—	—	—	—
Amador	1,100	—	—	—	2,000	—	—	—
Calaveras	900	200	1.12	224	2,200	300	1.17	352
El Dorado	—	—	—	—	—	—	—	—
Inyo	200	—	—	—	300	—	—	—
Mariposa	500	—	—	—	1,200	—	—	—
Mono	200	—	—	—	400	—	—	—
Nevada	200	—	—	—	300	—	—	—
Placer	1,900	600	0.91	544	4,100	400	0.72	288
Sierra	600	—	—	—	1,000	—	—	—
Tuolumne	200	—	—	—	300	—	—	—
Combined ¹	200	—	—	—	200	—	—	—
District 60 Total	6,000	800	0.96	768	12,000	700	0.91	640
Imperial	400	—	—	—	2,600	200	0.48	96
Los Angeles	700	—	—	—	700	—	—	—
Orange	—	—	—	—	—	—	—	—
Riverside	6,400	700	0.69	480	6,500	300	0.37	112
San Bernardino	1,700	100	0.80	80	1,500	—	—	—
San Diego	2,600	—	—	—	5,500	—	—	—
Santa Barbara	4,200	100	0.80	80	5,100	200	0.80	160
Ventura	900	—	—	—	1,100	—	—	—
Combined ¹	100	—	—	—	—	—	—	—
District 80 Total	17,000	900	0.71	640	23,000	700	0.53	368
STATE	220,000	25,000	1.20	30,000	260,000	15,000	0.96	14,400

¹ Includes one or more counties within a district that normally have less than 200 acres planted.

RICE ACREAGE AND PRODUCTION BY COUNTY, 2000-2001								
County	2000				2001			
	Planted Acres	Harvested Acres	Yield/Acre Pounds	Production Cwt.	Planted Acres	Harvested Acres	Yield/Acre Pounds	Production Cwt.
Del Norte	—	—	—	—	—	—	—	—
Humboldt	—	—	—	—	—	—	—	—
Mendocino	—	—	—	—	—	—	—	—
District 10 Total	—	—	—	—	—	—	—	—
Shasta	—	—	—	—	—	—	—	—
Siskiyou	—	—	—	—	—	—	—	—
Trinity	—	—	—	—	—	—	—	—
District 20 Total	—	—	—	—	—	—	—	—
Lassen	—	—	—	—	—	—	—	—
Modoc	—	—	—	—	—	—	—	—
Plumas	—	—	—	—	—	—	—	—
District 30 Total	—	—	—	—	—	—	—	—
Alameda	—	—	—	—	—	—	—	—
Contra Costa	—	—	—	—	—	—	—	—
Lake	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—
Monterey	—	—	—	—	—	—	—	—
Napa	—	—	—	—	—	—	—	—
San Benito	—	—	—	—	—	—	—	—
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	—	—	—	—	—	—	—	—
San Mateo	—	—	—	—	—	—	—	—
Santa Clara	—	—	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	—	—	—	—	—	—	—	—
District 40 Total	—	—	—	—	—	—	—	—
Butte	98,000	97,500	8,077	7,875,000	86,800	86,400	8,397	7,255,000
Colusa	145,000	144,000	7,958	11,460,000	126,300	125,600	8,232	10,339,000
Glenn	87,500	87,500	8,069	7,060,000	78,300	78,000	8,272	6,452,000
Sacramento	9,000	9,000	7,889	710,000	7,800	7,800	8,064	629,000
Solano	—	—	—	—	—	—	—	—
Sutter	108,000	107,500	8,028	8,630,000	87,700	87,300	8,258	7,209,000
Tehama	1,000	1,000	6,500	65,000	800	800	6,750	54,000
Yolo	33,500	33,500	7,466	2,501,000	26,000	25,900	7,722	2,000,000
Yuba	39,000	39,000	7,910	3,085,000	37,100	37,000	7,954	2,943,000
District 50 Total	521,000	519,000	7,974	41,386,000	450,800	448,800	8,218	36,881,000
Fresno	3,000	3,000	7,833	235,000	2,000	2,000	7,150	143,000
Kern	—	—	—	—	—	—	—	—
Kings	—	—	—	—	—	—	—	—
Madera	—	—	—	—	—	—	—	—
Merced	5,000	5,000	7,800	390,000	4,300	4,300	7,744	333,000
San Joaquin	5,000	5,000	7,400	370,000	4,500	4,500	7,556	340,000
Stanislaus	2,000	2,000	7,250	145,000	2,200	2,200	6,727	148,000
Tulare	—	—	—	—	—	—	—	—
District 51 Total	15,000	15,000	7,600	1,140,000	13,000	13,000	7,415	964,000
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	14,000	14,000	7,107	995,000	9,200	9,200	7,011	645,000
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
District 60 Total	14,000	14,000	7,107	995,000	9,200	9,200	7,011	645,000
Imperial	—	—	—	—	—	—	—	—
Los Angeles	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—
Riverside	—	—	—	—	—	—	—	—
San Bernardino	—	—	—	—	—	—	—	—
San Diego	—	—	—	—	—	—	—	—
Santa Barbara	—	—	—	—	—	—	—	—
Ventura	—	—	—	—	—	—	—	—
District 80 Total	—	—	—	—	—	—	—	—
STATE	550,000	548,000	7,942	43,521,000	473,000	471,000	8,172	38,490,000

SUGAR BEET ACREAGE AND PRODUCTION BY COUNTY, 2000-2001

County	2000					2001				
	Planted Acres	Harvested Acres	Yield/Acre Tons	Production Tons	Sucrose Percent	Planted Acres	Harvested Acres	Yield/Acre Tons	Production Tons	Sucrose Percent
Del Norte	—	—	—	—	—	—	—	—	—	—
Humboldt	—	—	—	—	—	—	—	—	—	—
Mendocino	—	—	—	—	—	—	—	—	—	—
District 10 Total	—	—	—	—	—	—	—	—	—	—
Shasta	—	—	—	—	—	—	—	—	—	—
Siskiyou	800	600	20.0	12,000	18.6	—	—	—	—	—
Trinity	—	—	—	—	—	—	—	—	—	—
District 20 Total	800	600	20.0	12,000	18.6	—	—	—	—	—
Lassen	—	—	—	—	—	—	—	—	—	—
Modoc	3,900	1,800	18.9	34,000	18.3	—	—	—	—	—
Plumas	—	—	—	—	—	—	—	—	—	—
District 30 Total	3,900	1,800	18.9	34,000	18.3	—	—	—	—	—
Alameda	—	—	—	—	—	—	—	—	—	—
Contra Costa	—	—	—	—	—	—	—	—	—	—
Lake	—	—	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—	—	—
Monterey	—	—	—	—	—	—	—	—	—	—
Napa	—	—	—	—	—	—	—	—	—	—
San Benito	—	—	—	—	—	—	—	—	—	—
San Francisco	—	—	—	—	—	—	—	—	—	—
San Luis Obispo	—	—	—	—	—	—	—	—	—	—
San Mateo	—	—	—	—	—	—	—	—	—	—
Santa Clara	—	—	—	—	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—	—	—
Sonoma	—	—	—	—	—	—	—	—	—	—
District 40 Total	—	—	—	—	—	—	—	—	—	—
Butte	700	700	38.6	27,000	12.9	—	—	—	—	—
Colusa	—	—	—	—	—	—	—	—	—	—
Glenn	4,100	3,700	34.3	127,000	13.7	—	—	—	—	—
Sacramento	2,400	2,200	25.0	55,000	14.4	—	—	—	—	—
Solano	800	600	23.3	14,000	14.5	—	—	—	—	—
Sutter	—	—	—	—	—	—	—	—	—	—
Tehama	—	—	—	—	—	—	—	—	—	—
Yolo	3,000	2,900	29.7	86,000	13.8	—	—	—	—	—
Yuba	—	—	—	—	—	—	—	—	—	—
Combined ¹	200	200	25.0	5,000	13.8	—	—	—	—	—
District 50 Total	11,200	10,300	30.5	314,000	13.8	—	—	—	—	—
Fresno	19,000	18,800	34.7	653,000	14.2	11,500	11,000	31.5	346,000	15.1
Kern	5,200	5,200	32.5	169,000	15.6	2,000	1,900	33.2	63,000	15.7
Kings	4,600	4,400	32.3	142,000	14.5	2,000	2,000	27.0	54,000	14.9
Madera	600	500	42.0	21,000	15.7	900	400	32.5	13,000	15.5
Merced	5,700	4,800	30.4	146,000	15.7	4,400	3,600	25.6	92,000	16.3
San Joaquin	15,000	14,500	28.7	416,000	14.1	—	—	—	—	—
Stanislaus	800	500	30.0	15,000	14.7	—	—	—	—	—
Tulare	4,300	4,200	27.6	116,000	11.8	900	800	32.5	26,000	12.2
Combined ¹	—	—	—	—	—	200	200	30.0	6,000	15.5
District 51 Total	55,200	52,900	31.7	1,678,000	14.3	21,900	19,900	30.2	600,000	15.2
Alpine	—	—	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—	—	—
Placer	—	—	—	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—	—	—
District 60 Total	—	—	—	—	—	—	—	—	—	—
Imperial	26,300	26,300	41.4	1,089,000	15.5	24,700	24,700	41.0	1,013,000	16.1
Los Angeles	—	—	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—	—	—
Riverside	—	—	—	—	—	—	—	—	—	—
San Bernardino	—	—	—	—	—	—	—	—	—	—
San Diego	—	—	—	—	—	—	—	—	—	—
Santa Barbara	—	—	—	—	—	—	—	—	—	—
Ventura	—	—	—	—	—	—	—	—	—	—
District 80 Total	26,300	26,300	41.4	1,089,000	15.5	24,700	24,700	41.0	1,013,000	16.1
Other Counties ²	600	600	30.0	18,000	15.1	200	100	50.0	5,000	14.9
STATE	98,000	92,500	34.0	3,145,000	14.7	46,800	44,700	36.2	1,618,000	15.8

¹ Includes one or more counties within a district that normally have less than 200 acres planted.² Includes counties from one or more districts that normally have less than 200 acres planted.

WHEAT, ALL ACREAGE AND PRODUCTION BY COUNTY, 2000-2001

County	2000				2001			
	Planted Acres	Harvested Acres	Yield/Acre Tons	Production Tons	Planted Acres	Harvested Acres	Yield/Acre Tons	Production Tons
Del Norte	—	—	—	—	—	—	—	—
Humboldt	—	—	—	—	—	—	—	—
Mendocino	—	—	—	—	—	—	—	—
District 10 Total	—	—	—	—	—	—	—	—
Shasta	500	500	1.80	900	1,500	1,000	1.71	1,710
Siskiyou	10,500	8,500	2.13	18,120	4,500	3,000	2.14	6,420
Trinity	—	—	—	—	—	—	—	—
District 20 Total	11,000	9,000	2.11	19,020	6,000	4,000	2.03	8,130
Lassen	4,500	2,500	1.94	4,860	4,500	1,500	2.02	3,030
Modoc	10,000	4,500	2.29	10,290	5,500	1,500	1.90	2,850
Plumas	—	—	—	—	—	—	—	—
District 30 Total	14,500	7,000	2.16	15,150	10,000	3,000	1.96	5,880
Alameda	4,000	1,000	2.13	2,130	2,000	500	2.22	1,110
Contra Costa	2,500	2,000	2.28	4,560	4,000	2,500	1.90	4,740
Lake	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—
Monterey	4,000	2,000	1.34	2,670	3,500	1,500	1.10	1,650
Napa	—	—	—	—	—	—	—	—
San Benito	3,000	1,500	2.20	3,300	3,000	1,500	1.52	2,280
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	3,500	2,000	1.31	2,610	3,500	1,500	1.18	1,770
San Mateo	—	—	—	—	—	—	—	—
Santa Clara	—	—	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	2,500	1,500	1.70	2,550	1,000	500	1.80	900
District 40 Total	19,500	10,000	1.78	17,820	17,000	8,000	1.56	12,450
Butte	2,500	2,500	2.11	5,280	4,000	4,000	1.96	7,830
Colusa	20,500	19,500	2.19	42,750	24,500	23,500	2.21	51,990
Glenn	14,000	11,500	2.18	25,050	11,500	9,500	2.32	22,050
Sacramento	14,000	13,000	2.28	29,610	17,000	13,500	2.23	30,150
Solano	23,000	23,000	2.32	53,370	24,000	24,000	2.18	52,200
Sutter	11,500	11,000	2.23	24,480	13,000	11,000	2.10	23,100
Tehama	1,500	1,000	1.95	1,950	3,000	1,000	1.62	1,620
Yolo	41,500	41,500	2.53	104,910	42,500	40,000	2.51	100,440
Yuba	500	500	1.80	900	500	500	1.68	840
District 50 Total	129,000	123,500	2.33	288,300	140,000	127,000	2.29	290,220
Fresno	70,000	66,000	2.39	158,010	62,500	59,000	2.40	141,360
Kern	70,000	42,000	2.10	88,200	65,000	37,000	2.14	79,110
Kings	80,500	75,000	2.10	157,500	79,000	70,500	2.09	147,060
Madera	31,500	18,000	2.10	37,800	29,000	13,500	2.16	29,130
Merced	23,000	9,000	2.36	21,270	21,500	8,000	2.28	18,210
San Joaquin	25,500	22,500	2.09	47,070	38,000	32,000	2.24	71,700
Stanislaus	6,000	2,500	2.10	5,250	4,000	1,500	2.46	3,690
Tulare	71,500	37,000	1.93	71,520	61,000	29,500	2.37	69,840
District 51 Total	378,000	272,000	2.16	586,620	360,000	251,000	2.23	560,100
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	3,000	2,000	1.88	3,750	4,500	2,000	2.24	4,470
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
District 60 Total	3,000	2,000	1.88	3,750	4,500	2,000	2.24	4,470
Imperial	50,000	46,500	3.08	143,250	41,500	38,500	3.16	121,830
Los Angeles	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—
Riverside	28,000	15,000	2.16	32,430	34,000	25,500	1.82	46,500
San Bernardino	—	—	—	—	—	—	—	—
San Diego	1,500	1,500	2.04	3,060	1,500	1,500	2.00	3,000
Santa Barbara	500	500	1.20	600	500	500	1.14	570
Ventura	—	—	—	—	—	—	—	—
District 80 Total	80,000	63,500	2.82	179,340	77,500	66,000	2.60	171,900
STATE	635,000	487,000	2.28	1,110,000	615,000	461,000	2.28	1,053,150

CALIFORNIA



FLORICULTURE

Floriculture continued its rapid growth in 2001. The industry enjoyed record wholesale values due to the strength of its leading producing states — California, Florida, Texas, Michigan and Ohio. These five states account for over half of the national value in floriculture.

California maintained its position as the leading floriculture state in the nation, with a total wholesale value of \$988 million. This total represents 23 percent of the national value and a 7 percent increase from the previous year. Aided by its favorable coastal climate, California now accounts for 69 percent of the national value for all fresh, cut flowers. At \$292 million in sales, this represents a 1 percent increase over the 2000 total of \$288 million. The rose is the most popular cut flower in the nation, and California accounts for roughly 66 percent of the value for all fresh, cut roses grown in the United States. While cut flower demand has continued to rise, domestic production has been declining with over two-thirds of the major cut flowers now imported. Most imports are coming from Columbia, Costa Rica, Ecuador, Mexico and the Netherlands.

California's total sales of potted flowering plants jumped 19 percent from \$172 million in 2000 to \$205 million in 2001. California is still the leading state with 25 percent of the national value. Sales of foliage plants showed a 7 percent increase from \$105 million in 2000 to \$112 million in 2001.

The wholesale value of bedding and garden plants jumped 5 percent from \$288 million in 2000 to \$304 million in 2001. The value for cut, cultivated greens was down 8 percent to \$16.6 million.

The number of floriculture producers in the state has been in decline in recent years. California now has 895 growers with sales greater than \$10,000, compared to 973 in 2000.



FLORICULTURE PRODUCTION AND VALUE, 2000 ¹								
Kind	Number of Producers	Plants Grown 1,000	Production Area 1,000 Sq. Ft.	Sales		Wholesale Price ² Dollars	Value of Sales at Wholesale \$1,000	
				Unit	Number Sold 1,000			Wholesale Percent
Cut Flowers							288,441	
Alstroemeria	44	—	—	Stems	19,757	99	3,201	
Carnations, Standard	37	—	—	Stems	36,095	99	5,450	
Chrysanthemums, Pompon	38	—	—	Bunches	12,571	96	16,091	
Delphinium and Larkspur	64	—	—	Stems	40,007	98	9,682	
Gerbera Daisy	28	—	—	Stems	65,574	97	19,934	
Gladioli	25	—	—	Spikes	11,252	99	4,265	
Iris	46	—	—	Stems	62,403	99	15,850	
Lilies, All	56	—	—	Stems	65,165	98	44,117	
Lisianthus	46	—	—	Stems	13,873	99	6,257	
Orchids, All	16	—	—	Blooms	7,004	98	5,477	
Roses, All	55	—	—	Stems	128,975	98	42,046	
Snapdragons	59	—	—	Spikes	50,027	100	13,307	
Tulips	32	—	—	Stems	36,758	99	13,564	
Other Cut Flowers	177	—	—	—	—	99	89,200	
Potted Flowering Plants							172,002	
African Violets	14	—	—	Pots	1,008	55	1,365	
Finished Florist Azaleas	22	—	—	Pots	2,412	98	12,152	
Florist Chrysanthemums	23	—	—	Pots	7,328	100	17,133	
Easter Lilies	34	—	—	Pots	1,284	92	5,620	
Orchids	48	—	—	Pots	3,495	91	35,695	
Poinsettias	104	—	—	Pots	8,552	93	34,965	
Spring Flowering Bulbs	38	—	—	Pots	2,790	99	6,239	
Other Potted Flowering Plants	82	—	—	Pots	14,534	96	58,833	
Foliage Plants for Indoor or Patio Use							104,856	
Hanging Baskets	56	—	—	Baskets	6,226	95	24,966	
Potted Foliage	111	—	—	—	—	98	79,890	
Annual Bedding/Garden Plants							287,842	
Flats								
Begonias	54	—	—	Flats	1,116	99	8,046	
Geraniums (Cutting)	23	—	—	Flats	68	92	2,959	
Geraniums (Seed)	—	—	—	Flats	—	—	—	
New Guinea Impatiens	13	—	—	Flats	50	100	548	
Impatiens	57	—	—	Flats	2,117	99	19,921	
Marigolds	50	—	—	Flats	1,497	99	12,066	
Pansy/Viola	51	—	—	Flats	2,001	99	18,129	
Petunias	60	—	—	Flats	2,083	98	18,393	
Other Flowering and Foliar	74	—	—	Flats	7,693	96	70,391	
Vegetable Type	47	—	—	Flats	1,481	93	12,544	
Potted								
Begonias	43	—	—	Pots	1,842	77	1,779	
Geraniums (Cutting)	48	—	—	Pots	9,067	99	11,115	
New Guinea Impatiens	46	—	—	Pots	1,830	100	2,631	
Impatiens	56	—	—	Pots	7,027	90	5,523	
Marigolds	34	—	—	Pots	1,206	87	947	
Pansy/Viola	35	—	—	Pots	1,907	80	1,429	
Petunias	46	—	—	Pots	1,975	90	1,790	
Other Flowering and Foliar	82	—	—	Pots	32,331	96	47,558	
Vegetable Type	41	—	—	Pots	5,054	100	4,218	
Hanging Baskets								
Begonias	14	—	—	Baskets	15	91	102	
Geraniums (Cutting)	33	—	—	Baskets	157	98	1,069	
Geraniums (Seed)	5	—	—	Baskets	12	95	80	
New Guinea Impatiens	25	—	—	Baskets	153	99	1,030	
Impatiens	26	—	—	Baskets	204	99	1,106	
Petunias	16	—	—	—	77	97	375	
Other Flowering	33	—	—	—	410	98	7,108	
Herbaceous Perennials ³								
Hardy/Garden Chrysanthemums	41	—	—	Pots	3,981	100	4,427	
Hosta	15	—	—	Pots	52	98	176	
Other	70	—	—	Pots	15,970	98	32,382	
Total Cut Cultivated Greens ⁴	52	—	—	—	—	100	18,008	

FLORICULTURE PRODUCTION AND VALUE, 2000 ¹ continued								
Kind	Number of Producers	Plants Grown <i>1,000</i>	Production Area <i>1,000 Sq. Ft.</i>	Sales			Wholesale Price ² <i>Dollars</i>	Value of Sales at Wholesale <i>\$1,000</i>
				Unit	Number Sold <i>1,000</i>	Wholesale <i>Percent</i>		
Propagative (Unfinished)								60,118
Cut Flowers	—	—	—	—	—	—	—	4,741
Potted Flowering Plants	—	—	—	—	—	—	—	15,734
Bedding/Garden Plants	—	—	—	—	—	—	—	29,962
Herbaceous Perennial Plants	—	—	—	—	—	—	—	6,930
Foliage Plants	—	—	—	—	—	—	—	2,751
Total All Plants	—	—	—	—	—	—	—	931,267

¹ The total covered growing area of 120,578,000 square feet consisted of the following: 20,426,000 square feet of shade and temporary cover; 16,002,000 square feet of glass; 31,151,000 square feet of fiberglass and other rigid greenhouses; 52,999,000 square feet of plastic film (single/multi) greenhouses; and 8,473,000 open ground.

² For potted plants, price represents a weighted average for plants sold in pots less than 5 inches and in pots 5 inches or more.

³ Pot price is a weighted average of all pots to avoid disclosure of individual operations.

⁴ Total includes Leatherleaf Ferns, which are not published to avoid disclosure of individual operations.

FLORICULTURE PRODUCTION AND VALUE, 2001 ¹								
Kind	Number of Producers	Plants Grown 1,000	Production Area 1,000 Sq. Ft.	Sales		Wholesale Price ² Dollars	Value of Sales at Wholesale \$1,000	
				Unit	Number Sold 1,000			Wholesale Percent
Cut Flowers							292,115	
Alstroemeria	48	—	—	Stems	16,012	98	2,642	
Carnations, Standard	33	—	—	Stems	27,095	98	3,929	
Chrysanthemums, Pompon	32	—	—	Bunches	11,892	99	15,341	
Delphinium and Larkspur	60	—	—	Stems	44,697	100	8,939	
Gerbera Daisy	28	—	—	Stems	66,745	100	18,822	
Gladioli	26	—	—	Spikes	11,406	99	4,209	
Iris	48	—	—	Stems	69,155	99	15,975	
Lilies, All	53	—	—	Stems	72,172	98	45,829	
Lisianthus	42	—	—	Stems	19,172	99	9,413	
Orchids, All	13	—	—	Blooms	7,150	100	5,241	
Roses, All	53	—	—	Stems	141,739	99	44,648	
Snapdragons	61	—	—	Spikes	45,578	98	10,893	
Tulips	34	—	—	Stems	34,019	99	12,723	
Other Cut Flowers	171	—	—	—	—	92	93,511	
Potted Flowering Plants							205,177	
African Violets	12	—	—	Pots	946	53	1,277	
Finished Florist Azaleas	22	—	—	Pots	2,335	98	12,158	
Florist Chrysanthemums	21	—	—	Pots	7,175	100	19,990	
Easter Lilies	31	—	—	Pots	1,508	94	6,247	
Orchids	42	—	—	Pots	4,422	91	41,445	
Poinsettias	93	—	—	Pots	10,022	92	41,447	
Spring Flowering Bulbs	39	—	—	Pots	3,316	100	9,437	
Other Potted Flowering Plants	80	—	—	Pots	18,813	100	73,176	
Foliage Plants for Indoor or Patio Use							112,487	
Hanging Baskets	63	—	—	Baskets	6,942	97	26,449	
Potted Foliage	111	—	—	—	—	97	86,038	
Annual Bedding/Garden Plants							303,533	
Flats								
Begonias	50	—	—	Flats	687	98	5,874	
Geraniums (Cutting)	24	—	—	Flats	219	98	2,453	
Geraniums (Seed)	7	—	—	Flats	13	100	126	
New Guinea Impatiens	12	—	—	Flats	31	90	334	
Impatiens	61	—	—	Flats	2,401	99	21,993	
Marigolds	55	—	—	Flats	1,681	99	14,423	
Pansy/Viola	56	—	—	Flats	2,157	99	19,499	
Petunias	65	—	—	Flats	2,259	98	20,602	
Other Flowering and Foliar	69	—	—	Flats	8,072	99	68,289	
Vegetable Type	48	—	—	Flats	1,821	100	16,753	
Potted								
Begonias	52	—	—	Pots	1,860	75	1,599	
Geraniums (Cutting)	43	—	—	Pots	7,779	99	9,174	
New Guinea Impatiens	49	—	—	Pots	2,198	99	3,279	
Impatiens	58	—	—	Pots	5,694	90	4,850	
Marigolds	36	—	—	Pots	1,275	88	931	
Pansy/Viola	39	—	—	Pots	2,462	85	1,719	
Petunias	42	—	—	Pots	2,330	94	1,770	
Other Flowering and Foliar	68	—	—	Pots	37,307	97	52,051	
Vegetable Type	38	—	—	Pots	4,608	99	4,156	
Hanging Baskets								
Begonias	16	—	—	Baskets	14	95	100	
Geraniums (Cutting)	27	—	—	Baskets	136	99	962	
Geraniums (Seed)	5	—	—	Baskets	12	97	82	
New Guinea Impatiens	28	—	—	Baskets	172	100	956	
Impatiens	24	—	—	Baskets	117	99	669	
Petunias	20	—	—	—	31	94	166	
Other Flowering	33	—	—	—	369	99	5,700	
Herbaceous Perennials³								
Hardy/Garden Chrysanthemums	38	—	—	Pots	5,113	100	6,430	
Hosta	21	—	—	Pots	191	73	654	
Other	68	—	—	Pots	19,574	97	37,939	
Total Cut Cultivated Greens⁴	44	—	—	—	—	100	16,641	

FLORICULTURE PRODUCTION AND VALUE, 2001 ¹ continued								
Kind	Number of Producers	Plants Grown <i>1,000</i>	Production Area <i>1,000 Sq. Ft.</i>	Sales			Wholesale Price ² <i>Dollars</i>	Value of Sales at Wholesale <i>\$1,000</i>
				Unit	Number Sold <i>1,000</i>	Wholesale <i>Percent</i>		
Propagative (Unfinished)								68,506
Cut Flowers	—	—	—	—	—	—	—	6,438
Potted Flowering Plants	—	—	—	—	—	—	—	16,804
Bedding/Garden Plants	—	—	—	—	—	—	—	35,703
Herbaceous Perennial Plants	—	—	—	—	—	—	—	9,561
Foliage Plants	—	—	—	—	—	—	—	—
Total All Plants	—	—	—	—	—	—	—	998,459

¹ The total covered growing area of 123,083,000 square feet consisted of the following: 22,098,000 square feet of shade and temporary cover; 16,724,000 square feet of glass; 30,562,000 square feet of fiberglass and other rigid greenhouses; 53,649,000 square feet of plastic film (single/multi) greenhouses; and 7,608,000 open ground.

² For potted plants, price represents a weighted average for plants sold in pots less than 5 inches and in pots 5 inches or more.

³ Pot price is a weighted average of all pots to avoid disclosure of individual operations.

⁴ Total includes Leatherleaf Ferns, which are not published to avoid disclosure of individual operations.



FRUIT AND NUT CROPS

California accounts for 41 percent of the national fruit and nut production and 60 percent of the national value of fruit and nut crops. In 2001, the state produced 13.9 million tons of fruits and nuts, representing a 10 percent drop from 2000. The state's total production value in 2001 was \$7.01 billion, down fractionally from the previous year.

Grapes continue to be the top-valued fruit and nut crop with \$2.65 billion, despite a decline of 6 percent from 2000. Crops with record production in 2001 were lemons, nectarines and walnuts. California accounts for nearly all the national production of almonds, dates, figs, raisin grapes, kiwifruit, nectarines, olives, Clingstone peaches, persimmons, pistachios, dried plums (prunes) and walnuts.



Notable Increases in Production:

Almonds	18%
Avocados	32%
Cherries	18%
Dates	13%
Lemons	19%
Olives	153%
Walnuts	28%

Significant Decreases in Production:

Apricots	14%
Boysenberries	24%
Figs	29%
Grapes, Raisin	25%
Kiwifruit	24%
Oranges, Navels	11%
Oranges, Valencia	21%
Peaches, Clingstone	11%
Pistachios	34%
Plums, Dried (Prunes)	40%
Strawberries	15%
Tangerines	12%



In January, the season started with cooler temperatures and below average rainfall. However, the relatively dry month allowed growers to perform the needed orchard and vineyard activities such as pruning, spraying, fertilizing, brush shredding, and preparing for new tree plantings. The cold weather provided sufficient chilling for a good dormancy. Large scale weather patterns changed significantly in February as a series of Pacific storms moved into the state, helping to bring precipitation totals closer to normal. Almonds began blooming in late February and were in full bloom by early March. Warmer weather in March and April also accelerated growth and pollination in orchards and vineyards. Thinning was active in the stone fruit during April and May.

Nighttime temperatures dropped below freezing in early April and damaged some young grape shoots in Sonoma, Lake, Napa and Mendocino counties. Grapes and stone fruit in Fresno and Madera counties also suffered damage from frost and hail. Overall, damage from the frost and hail was minor.

Record high temperatures in May accelerated tree fruit maturity and picking of many fruit crops began. Continued warm weather in June proved favorable for maturing stone fruit. Crop development of most commodities was about normal to slightly ahead throughout the growing season. The weather was fairly mild during July and August and harvest proceeded normally. Most fruits and nuts had good quality. Walnuts experienced a very good year with record production and very good quality.

Lemon production jumped 19 percent from the previous year. The fruit size and quality were good.

All other citrus crops showed significant drops in production from the previous year. The fruit size and quality were good, but the set was down considerably.

FRUIT AND NUT CROPS

BERRY ACREAGE, PRODUCTION AND VALUE, 1992-2001						
Crop	Crop Year	Harvested Acres	Yield Per Acre Cwt.	Production 1,000 Cwt.	Value Per Cwt. 1 Dollars	Total Value \$1,000
Boysenberries	1992	200	85	17	91.10	1,548
	1993	250	90	23	88.00	1,980
	1994	250	80	20	75.50	1,510
	1995	270	67	18	95.00	1,710
	1996	270	89	24	93.70	2,248
	1997	270	91	25	66.70	1,642
	1998	250	70	18	79.20	1,386
	1999	300	93	28	82.40	2,308
	2000	260	96	25	82.40	2,061
	2001	230	83	19	81.60	1,550
Raspberries	1992	1,600	165	264	183.00	48,276
	1993	1,850	142	263	148.00	39,000
	1994	1,900	111	210	143.00	30,000
	1995	1,900	81	153	152.00	23,325
	1996	1,800	83	149	171.00	25,520
	1997	1,700	85	145	139.00	20,225
	1998	1,700	87	148	192.00	28,470
	1999	1,800	116	208	147.00	30,604
	2000	2,000	113	226	190.00	42,940
	2001	2,300	108	248	166.00	41,168
Strawberries, Fresh Market	1992	—	—	7,630	59.20	451,696
	1993	—	—	7,736	46.80	362,045
	1994	—	—	9,016	59.10	532,846
	1995	—	—	9,048	57.40	519,355
	1996	—	—	9,989	52.50	524,423
	1997	—	—	9,618	61.40	590,545
	1998	—	—	9,086	68.70	624,208
	1999	—	—	10,603	71.30	755,994
	2000	—	—	12,215	61.40	750,001
	2001	—	—	10,563	70.60	745,748
Strawberries, Processing	1992	—	—	2,690	22.80	61,332
	1993	—	—	3,685	26.00	95,810
	1994	—	—	4,265	26.90	114,729
	1995	—	—	3,932	23.40	92,003
	1996	—	—	3,619	16.70	60,437
	1997	—	—	3,716	25.80	95,873
	1998	—	—	4,466	29.70	132,640
	1999	—	—	4,748	31.20	148,138
	2000	—	—	4,069	22.10	89,925
	2001	—	—	3,297	28.90	95,283
Strawberries, All	1992	24,000	430	10,320	49.70	513,028
	1993	25,100	455	11,421	40.10	457,855
	1994	23,300	570	13,281	48.80	647,575
	1995	23,600	550	12,980	47.10	611,358
	1996	25,200	540	13,608	43.00	584,860
	1997	22,600	590	13,334	51.50	686,418
	1998	24,200	560	13,552	55.80	756,848
	1999	25,800	595	15,351	58.90	904,132
	2000	27,600	590	16,284	51.60	839,926
	2001	26,400	525	13,860	60.70	841,031

¹ The processed value is based on equivalent returns at the processing plant door. The fresh market value is on a packed and loaded basis, f.o.b. shipping point.

STRAWBERRY MONTHLY AND SEASON AVERAGE PRICES, 1992-2001 ¹														
Fresh Sales	Crop Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Season Average
		Dollars Per Cwt.												
	1992	135.00	95.00	85.00	50.00	41.00	64.20	49.30	89.20	61.10	70.70	115.00	—	59.20
	1993	102.00	80.20	57.70	42.40	38.30	42.50	31.60	46.90	48.90	64.20	93.70	—	46.80
	1994	77.90	99.00	94.40	57.50	56.40	50.40	49.30	49.00	46.60	82.40	89.90	—	59.10
	1995	65.50	67.00	65.50	57.60	66.90	53.10	50.70	63.30	41.50	49.70	115.00	—	57.40
	1996	—	80.30	76.70	38.50	45.60	65.00	44.10	54.80	61.50	40.70	—	—	52.50
	1997	116.00	98.30	85.80	42.70	54.30	74.80	56.20	53.10	67.50	69.80	—	—	61.40
	1998	120.00	147.00	86.50	67.50	67.40	54.60	56.30	65.00	59.00	80.20	116.00	—	68.70
	1999	167.00	148.00	125.00	88.20	61.00	62.60	57.90	66.20	58.30	45.60	79.00	—	71.30
	2000	95.80	107.00	75.70	68.90	46.10	58.20	56.80	49.60	62.20	95.40	—	—	61.40
	2001	153.00	125.00	96.10	75.70	51.60	61.50	68.70	87.40	78.10	80.70	96.40	—	70.60

¹ Prices are f.o.b. shipping point.

CITRUS FRUIT ACREAGE, PRODUCTION AND VALUE, 1992–2001

Crop	Crop Year	Bearing	Non-Bearing	Yield	Production	Value	Total
		Acres	Acres	Per Acre Cartons	1,000 Cartons	Per Unit ¹ Dollars	Value \$1,000
Grapefruit, All							
<i>(Net weight per carton: 33.5 pounds)</i>							
	91–92	18,500	2,400	1,082	20,000	3.06	61,120
	92–93	17,800	2,600	1,034	18,400	2.46	45,089
	93–94	18,000	—	1,034	18,600	2.72	50,579
	94–95	18,400	—	1,010	18,600	2.82	52,420
	95–96	18,800	—	862	16,200	3.29	53,277
	96–97	18,000	—	912	16,400	3.21	52,679
	97–98	16,800	1,800	952	16,000	4.21	67,330
	98–99	16,600	—	880	14,600	5.37	78,309
	99–00	16,600	—	868	14,400	4.09	58,798
	00–01	15,400	—	818	12,600	4.39	55,242
Lemons							
<i>(Net weight per carton: 38 pounds)</i>							
	91–92	46,400	1,900	650	30,200	6.32	190,894
	92–93	46,400	2,100	880	40,800	4.97	202,827
	93–94	45,500	—	910	41,400	5.00	207,020
	94–95	45,700	—	876	40,000	5.66	226,120
	95–96	46,400	—	906	42,000	5.20	218,544
	96–97	47,400	—	954	45,200	6.06	274,125
	97–98	48,700	6,500	862	42,000	5.16	216,659
	98–99	48,500	—	668	32,400	6.39	207,098
	99–00	48,500	—	784	38,000	6.68	253,876
	00–01	49,500	—	914	45,200	4.71	212,725
Oranges, Navel and Misc.							
<i>(Net weight per carton: 37.5 pounds)</i>							
	91–92	112,000	9,800	626	70,200	4.36	305,811
	92–93	114,000	10,600	768	87,600	3.16	277,008
	93–94	114,000	—	642	73,200	3.99	291,807
	94–95	118,000	—	594	70,000	3.91	273,750
	95–96	121,000	—	628	76,000	3.68	279,300
	96–97	124,000	—	646	80,000	4.68	373,890
	97–98	127,000	8,300	692	88,000	4.42	388,870
	98–99	128,000	—	328	42,000	5.23	219,640
	99–00	126,000	—	634	80,000	3.28	262,160
	00–01	128,000	—	554	71,000	4.99	355,020
Oranges, Valencia							
<i>(Net weight per carton: 37.5 pounds)</i>							
	91–92	69,800	6,400	926	64,600	1.99	128,183
	92–93	70,000	6,000	658	46,000	4.24	195,002
	93–94	71,000	—	760	54,000	3.16	170,760
	94–95	73,000	—	576	42,000	4.74	199,042
	95–96	75,000	—	533	40,000	5.26	210,190
	96–97	76,000	—	632	48,000	4.39	210,370
	97–98	73,200	4,800	684	50,000	4.52	225,740
	98–99	73,500	—	408	30,000	6.14	184,210
	99–00	69,500	—	690	48,000	1.74	83,494
	00–01	66,500	—	572	38,000	4.22	160,140
Oranges, All							
<i>(Net weight per carton: 37.5 pounds)</i>							
	91–92	181,800	16,200	742	134,800	3.22	433,994
	92–93	184,000	16,600	726	133,600	3.54	472,010
	93–94	185,000	—	688	127,200	3.64	462,567
	94–95	191,000	—	586	112,000	4.22	472,792
	95–96	196,000	—	592	116,000	4.22	489,490
	96–97	200,000	—	640	128,000	4.57	584,260
	97–98	200,200	13,100	690	138,000	4.46	614,610
	98–99	201,500	—	358	72,000	5.61	403,850
	99–00	195,500	—	654	128,000	2.70	345,654
	00–01	194,500	—	560	109,000	4.72	514,460
Tangerines							
<i>Including Mandarins and Hybrids, Tangelos and Tangors</i>							
<i>(Net weight per carton: 37.5 pounds)</i>							
	91–92	7,800	1,400	626	4,880	7.25	35,357
	92–93	7,700	1,300	546	4,200	6.00	25,186
	93–94	8,000	—	576	4,600	5.58	25,651
	94–95	8,600	—	582	5,000	7.09	35,452
	95–96	8,800	—	590	5,200	5.42	28,184
	96–97	8,700	—	598	5,200	7.56	39,298
	97–98	8,800	1,900	546	4,800	5.74	27,530
	98–99	8,600	—	348	3,000	7.34	22,023
	99–00	8,600	—	582	5,000	5.55	27,759
	00–01	8,800	—	500	4,400	7.08	31,137

¹ Equivalent packinghouse door returns.

FRUIT AND NUT CROPS

CITRUS FRUIT SALES BY UTILIZATION AND VALUE PER CARTON, 1992-2001							
Crop	Crop Year	All Sales		Fresh Market		Processing	
		Quantity 1,000 Cartons	Value ¹ \$/Carton	Quantity 1,000 Cartons	Value ¹ \$/Carton	Quantity 1,000 Cartons	Value ¹ \$/Carton
Grapefruit, All²							
<i>(Net weight per carton: 33.5 pounds)</i>							
	91-92	20,000	3.06	12,800	4.56	7,200	0.40
	92-93	18,400	2.46	11,400	4.08	7,000	(0.17)
	93-94	18,600	2.72	12,160	4.16	6,440	(0.01)
	94-95	18,600	2.82	11,820	4.56	6,780	(0.22)
	95-96	16,200	3.29	12,000	4.48	4,200	(0.12)
	96-97	16,400	3.21	12,120	4.38	4,280	(0.10)
	97-98	16,000	4.21	11,088	6.13	4,912	(0.13)
	98-99	14,600	5.37	13,276	5.91	1,324	(0.07)
	99-00	14,400	4.09	12,400	4.80	2,000	(0.33)
	00-01	12,600	4.39	10,800	5.14	1,800	(0.12)
Lemons							
<i>(Net weight per carton: 38 pounds)</i>							
	91-92	30,200	6.32	18,180	9.93	12,020	0.87
	92-93	40,800	4.97	19,800	9.22	21,000	0.97
	93-94	41,400	5.00	19,000	10.10	22,400	0.68
	94-95	40,000	5.66	21,800	9.93	18,200	0.53
	95-96	42,000	5.20	21,600	9.23	20,400	0.94
	96-97	45,200	6.06	23,080	10.43	22,120	1.51
	97-98	42,000	5.16	19,840	9.58	22,160	1.20
	98-99	32,400	6.39	19,570	10.33	12,830	0.39
	99-00	38,000	6.68	23,200	10.49	14,800	0.71
	00-01	45,200	4.71	23,020	9.00	22,180	0.25
Oranges, Navel and Misc.							
<i>(Net weight per carton: 37.5 pounds)</i>							
	91-92	70,200	4.36	53,000	5.53	17,200	0.76
	92-93	87,600	3.16	65,400	4.30	22,200	(0.18)
	93-94	73,200	3.99	58,200	5.01	15,000	0.02
	94-95	70,000	3.91	53,000	5.21	17,000	(0.14)
	95-96	76,000	3.68	58,000	4.89	18,000	(0.24)
	96-97	80,000	4.68	69,000	5.39	11,000	0.18
	97-98	88,000	4.42	73,000	5.29	15,000	0.18
	98-99	42,000	5.23	23,000	9.41	19,000	0.18
	99-00	80,000	3.28	62,000	4.24	18,000	(0.04)
	00-01	71,000	4.99	61,000	5.82	10,000	(0.07)
Oranges, Valencia							
<i>(Net weight per carton: 37.5 pounds)</i>							
	91-92	64,600	1.99	29,700	3.84	34,900	0.41
	92-93	46,000	4.24	32,800	5.92	13,200	0.08
	93-94	54,000	3.16	34,000	5.04	20,000	(0.03)
	94-95	42,000	4.74	35,200	5.70	6,800	(0.24)
	95-96	40,000	5.26	31,000	6.85	9,000	(0.24)
	96-97	48,000	4.39	34,000	5.65	14,000	1.31
	97-98	50,000	4.52	38,000	5.50	12,000	1.40
	98-99	30,000	6.14	16,000	10.21	14,000	1.50
	99-00	48,000	1.74	25,400	3.35	22,600	(0.07)
	00-01	38,000	4.22	31,000	5.08	7,000	0.38
Oranges, All							
<i>(Net weight per carton: 37.5 pounds)</i>							
	91-92	134,800	3.22	82,700	4.92	52,100	0.52
	92-93	133,600	3.54	98,200	4.84	35,400	(0.08)
	93-94	127,200	3.64	92,200	5.02	35,000	(0.01)
	94-95	112,000	4.22	88,200	5.41	23,800	(0.17)
	95-96	116,000	4.22	89,000	5.58	27,000	(0.24)
	96-97	128,000	4.57	103,000	5.48	25,000	0.81
	97-98	138,000	4.46	111,000	5.36	27,000	0.72
	98-99	72,000	5.61	39,000	9.74	33,000	0.74
	99-00	128,000	2.70	87,400	3.98	40,600	(0.06)
	00-01	109,000	4.72	92,000	5.57	17,000	0.12
Tangerines							
<i>Including Mandarins and Hybrids, Tangelos and Tangors</i>							
<i>(Net weight per carton: 37.5 pounds)</i>							
	91-92	4,880	7.25	3,360	10.29	1,520	0.52
	92-93	4,200	6.00	2,930	8.72	1,270	(0.28)
	93-94	4,600	5.58	3,200	8.04	1,400	(0.06)
	94-95	5,000	7.09	3,400	10.50	1,600	(0.16)
	95-96	5,200	5.42	3,600	7.90	1,600	(0.16)
	96-97	5,200	7.55	4,240	9.30	960	(0.14)
	97-98	4,800	5.74	3,296	8.35	1,504	0.01
	98-99	3,000	7.34	2,126	10.16	874	0.50
	99-00	5,000	5.55	3,400	8.20	1,600	(0.07)
	00-01	4,400	7.08	3,420	9.13	980	(0.09)

¹ Equivalent packinghouse door returns.

² Estimates for "Grapefruit, Desert" and "Grapefruit, Other" were combined to "Grapefruit, All" starting in 1995-96. Season average values for all grapefruit are derived by weighting the season average value for each area by their carton weights. Prior to 1993-94, net weight per carton for Desert Valley was 32 pounds.

CITRUS FRUIT MONTHLY AND SEASON AVERAGE PRICES, 1992–2001 continued

Crop	Crop Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Season Average
		Dollars Per Carton												
TANGERINES														
Fresh Sales														
	91–92	19.99	16.59	9.99	9.09	7.69	7.59	7.79	7.44	7.44	—	—	—	10.29
	92–93	13.92	8.52	8.07	8.17	8.27	9.52	9.22	—	—	—	—	—	8.72
	93–94	13.69	10.24	7.29	6.09	7.09	7.34	7.34	5.79	—	—	—	—	8.04
	94–95	13.95	10.40	7.85	9.30	10.75	11.25	13.25	13.25	13.25	—	—	—	10.50
	95–96	14.45	9.80	7.10	5.40	6.10	6.95	6.85	6.15	—	—	—	—	7.90
	96–97	15.00	10.65	8.45	9.35	8.25	7.05	8.05	6.90	—	—	—	—	9.30
	97–98	15.45	10.25	8.85	8.00	7.00	7.10	6.35	(0.25)	(0.40)	—	—	—	8.35
	98–99	13.51	11.71	10.16	9.76	8.56	8.91	1.96	—	—	—	—	—	10.16
	99–00	18.10	12.50	8.30	7.20	6.25	7.95	7.75	6.55	—	—	—	—	8.20
	00–01	15.53	10.58	8.28	7.63	9.48	11.03	3.98	—	—	—	—	—	9.13
Processing														
	91–92	—	0.41	0.46	0.62	0.62	0.53	0.38	0.38	0.46	—	—	—	0.52
	92–93	(0.28)	(0.28)	(0.28)	(0.28)	(0.28)	(0.28)	(0.28)	(0.20)	—	—	—	—	(0.28)
	93–94	(0.16)	(0.24)	(0.24)	(0.20)	—	0.08	(0.09)	(0.09)	—	—	—	—	(0.06)
	94–95	(0.16)	(0.16)	(0.08)	(0.08)	(0.16)	(0.21)	(0.25)	(0.25)	(0.25)	—	—	—	(0.16)
	95–96	—	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)	—	—	—	—	(0.16)
	96–97	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	—	—	—	—	—	(0.14)
	97–98	(0.14)	(0.14)	(0.14)	(0.04)	0.10	0.33	0.33	0.33	0.33	—	—	—	0.01
	98–99	0.21	0.21	0.69	0.73	0.69	0.35	(0.17)	—	—	—	—	—	0.50
	99–00	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	—	—	—	—	(0.07)
	00–01	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)	—	—	—	—	—	(0.09)
All Sales														
	91–92	19.99	15.92	9.69	7.15	4.76	4.02	4.32	4.41	1.85	—	—	—	7.25
	92–93	11.68	7.30	6.11	5.04	5.12	6.31	1.63	(0.20)	—	—	—	—	6.00
	93–94	12.06	9.59	6.43	3.51	4.39	3.71	4.37	3.83	—	—	—	—	5.58
	94–95	9.25	7.76	5.69	5.28	7.12	7.43	6.50	6.50	10.55	—	—	—	7.09
	95–96	14.45	8.66	6.19	3.72	3.19	3.11	3.34	4.04	—	—	—	—	5.42
	96–97	12.47	8.56	6.69	7.85	6.50	5.71	7.30	6.90	—	—	—	—	7.55
	97–98	10.00	7.01	5.26	5.32	5.43	5.41	4.63	(0.09)	(0.17)	—	—	—	5.74
	98–99	9.88	8.54	7.57	6.86	6.24	5.89	1.59	—	—	—	—	—	7.34
	99–00	13.56	8.03	6.24	5.38	4.45	4.94	4.92	3.52	—	—	—	—	5.55
	00–01	10.23	8.20	6.12	5.71	6.96	9.05	3.59	—	—	—	—	—	7.08

DRYING RATIO — TONS OF GREEN FRUIT REQUIRED TO PRODUCE ONE DRIED TON

Year	Apples	Apricots	Figs	Peaches, Freestone	Pears, Bartlett	Plums, Dried (Prunes)	Raisins
1992	—	6.40	3.00	9.60	6.60	2.90	4.00
1993	—	6.60	3.00	8.10	6.50	3.10	4.30
1994	—	6.40	3.00	9.30	6.15	3.10	4.50
1995	—	6.50	3.00	9.00	6.10	3.30	5.00
1996	—	6.90	3.00	9.60	7.00	3.20	4.20
1997	—	6.90	3.00	9.00	6.75	3.06	4.15
1998	—	7.20	3.00	8.06	6.91	3.20	4.70
1999	—	6.03	3.00	8.49	6.93	2.90	4.17
2000	—	7.14	3.00	9.33	6.67	3.11	4.43
2001	—	7.32	3.00	10.06	6.00	2.80	4.15

FRUIT AND NUT CROPS

NON-CITRUS FRUIT ACREAGE, PRODUCTION AND VALUE, 1992-2001							
Crop	Crop Year	Bearing	Non-Bearing	Yield Per Acre	Production	Value Per Unit ¹	Total Value
		Acres	Acres	Tons	Tons	\$/Ton	\$1,000
Apples	1992	33,800	2,000	12.45	420,000	406.00	170,160
	1993	34,700	4,200	12.70	440,000	314.00	138,320
	1994	34,900	4,700	15.05	525,000	266.00	139,300
	1995	35,000	4,300	12.15	425,000	366.00	155,750
	1996	38,000	—	12.50	475,000	332.00	158,050
	1997	38,500	—	12.50	481,000	338.00	162,655
	1998	37,000	—	11.60	430,000	306.00	131,340
	1999	35,000	—	12.80	448,000	316.00	141,764
	2000	31,000	—	10.50	325,000	300.00	88,290
	2001	29,000	—	12.05	350,000	290.00	97,380
Apricots	1992	18,100	2,700	5.47	99,000	328.00	32,458
	1993	19,300	1,500	4.61	89,000	363.00	32,288
	1994	19,800	—	7.32	145,000	331.00	43,700
	1995	19,800	—	2.73	54,000	387.00	20,913
	1996	20,200	—	3.76	76,000	403.00	30,663
	1997	20,000	—	6.60	132,000	308.00	37,673
	1998	20,000	—	5.65	113,000	311.00	31,895
	1999	19,000	—	4.47	85,000	361.00	30,703
	2000	19,000	—	4.74	90,000	329.00	26,679
	2001	18,000	—	4.28	77,000	319.00	22,330
Avocados	91-92	73,500	400	2.12	156,000	1,170.00	182,520
	92-93	72,900	300	3.90	284,000	400.00	113,600
	93-94	66,900	—	2.08	139,000	1,810.00	251,590
	94-95	61,300	—	2.53	155,000	1,480.00	229,894
	95-96	61,100	—	2.80	171,000	1,370.00	234,831
	96-97	59,900	—	2.79	167,000	1,560.00	260,162
	97-98	59,900	—	2.57	154,000	1,710.00	263,473
	98-99	59,400	—	2.29	136,000	2,400.00	327,002
	99-00	59,000	—	2.73	161,000	2,110.00	339,594
	00-01	59,000	—	3.61	213,000	1,480.00	315,842
Cherries, Sweet	1992	11,200	3,000	2.77	31,000	1,240.00	38,342
	1993	11,700	2,700	1.62	19,000	2,270.00	43,203
	1994	13,500	—	3.85	52,000	1,220.00	63,512
	1995	15,000	—	1.32	19,800	2,100.00	41,540
	1996	16,500	—	1.49	24,600	1,850.00	45,430
	1997	17,000	—	2.89	49,200	1,290.00	63,375
	1998	17,500	—	0.87	15,200	1,550.00	23,512
	1999	18,500	—	4.38	81,000	866.00	68,866
	2000	22,000	—	2.14	47,000	1,570.00	71,564
	2001	25,000	—	2.21	55,300	1,560.00	79,814
Dates	1992	5,300	400	3.96	21,000	1,060.00	22,260
	1993	5,500	200	5.27	29,000	790.00	22,910
	1994	5,500	—	4.18	23,000	750.00	17,250
	1995	5,200	—	4.37	22,700	780.00	17,706
	1996	4,680	—	4.91	23,000	1,090.00	25,070
	1997	4,800	—	4.38	21,000	1,100.00	23,100
	1998	4,900	—	5.08	24,900	1,220.00	30,378
	1999	4,900	—	4.53	22,200	1,240.00	27,528
	2000	4,800	—	3.63	17,400	1,230.00	21,402
	2001	4,500	—	4.38	19,700	1,410.00	27,777
Figs	1992	14,400	500	3.26	46,900	405.00	18,985
	1993	14,200	500	4.27	60,700	401.00	24,341
	1994	14,600	—	3.88	56,700	419.00	23,768
	1995	14,700	—	3.56	52,400	314.00	16,429
	1996	15,400	—	2.95	45,500	283.00	12,894
	1997	16,400	—	3.51	57,500	265.00	15,209
	1998	16,300	—	3.15	51,300	226.00	11,611
	1999	14,700	—	3.22	47,300	268.00	12,685
	2000	15,400	—	3.63	55,900	272.00	15,226
	2001	14,000	—	2.84	39,800	365.00	14,529

NON-CITRUS FRUIT ACREAGE, PRODUCTION AND VALUE, 1992-2001 continued

Crop	Crop Year	Bearing	Non-Bearing	Yield Per Acre	Production	Value Per Unit ¹	Total Value
		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>\$/Ton</i>	<i>\$1,000</i>
Grapes, Raisin ^{2, 3}							
	1992	267,000	10,100	10.50	2,670,000	230.00	614,595
	1993	266,000	10,700	9.57	2,354,000	255.00	599,404
	1994	270,000	10,200	8.85	2,389,000	229.00	547,002
	1995	268,000	9,500	9.27	2,252,000	234.00	526,297
	1996	270,000	7,800	8.12	2,192,000	281.00	614,940
	1997	270,000	5,300	10.68	2,883,000	262.00	756,405
	1998	275,000	6,000	7.55	2,077,000	291.00	604,036
	1999	279,000	7,000	7.61	2,122,000	321.00	680,864
	2000	280,000	7,000	10.43	2,921,000	165.00	482,448
	2001	235,000	7,000	9.36	2,199,000	182.00	401,256
Grapes, Table							
	1992	77,300	7,000	8.34	645,000	356.00	229,630
	1993	77,800	6,400	8.12	632,000	574.00	362,544
	1994	78,000	8,100	7.72	602,000	515.00	310,022
	1995	79,000	11,600	8.95	707,000	523.00	370,097
	1996	80,000	14,800	7.40	592,000	650.00	384,505
	1997	81,000	13,100	10.19	825,000	448.00	369,420
	1998	83,000	15,000	7.75	643,000	499.00	320,693
	1999	87,000	13,000	8.71	758,000	552.00	418,497
	2000	89,000	11,000	8.70	774,000	565.00	437,448
	2001	88,000	10,000	8.07	710,000	612.00	434,325
Grapes, Wine							
	1992	300,000	31,500	7.15	2,145,000	393.00	843,000
	1993	312,000	33,400	7.68	2,397,000	361.00	866,382
	1994	322,000	47,100	7.03	2,265,000	378.00	855,915
	1995	328,000	64,400	6.94	2,275,000	424.00	965,150
	1996	350,000	76,200	6.36	2,225,000	536.00	1,192,185
	1997	374,000	78,300	7.86	2,940,000	598.00	1,756,935
	1998	385,000	122,000	6.68	2,570,000	581.00	1,491,908
	1999	424,000	130,000	6.28	2,662,000	585.00	1,556,405
	2000	458,000	110,000	7.34	3,364,000	567.00	1,908,649
	2001	480,000	90,000	6.36	3,053,000	595.00	1,815,292
Grapes, All ^{2, 5}							
	1992	644,300	48,600	8.64	5,460,000	309.00	1,687,225
	1993	655,800	50,500	8.47	5,383,000	340.00	1,828,330
	1994	670,000	65,400	7.84	5,256,000	326.00	1,712,939
	1995	675,000	85,500	8.05	5,234,000	356.00	1,861,544
	1996	700,000	98,800	7.16	5,009,000	438.00	2,191,630
	1997	725,000	96,700	9.17	6,648,000	434.00	2,882,760
	1998	743,000	143,000	7.12	5,290,000	457.00	2,416,637
	1999	790,000	150,000	7.02	5,542,000	479.00	2,655,766
	2000	827,000	128,000	8.54	7,059,000	401.00	2,828,545
	2001	803,000	107,000	7.42	5,962,000	445.00	2,650,873
Kiwifruit							
	1992	7,300	40	7.16	52,300	290.00	13,833
	1993	6,900	10	7.13	49,200	370.00	16,502
	1994	6,500	—	6.06	39,400	491.00	18,413
	1995	6,100	—	6.20	37,800	459.00	15,434
	1996	5,700	—	5.53	31,500	470.00	13,157
	1997	5,300	—	6.60	35,000	518.00	16,483
	1998	5,300	—	6.91	36,600	744.00	24,544
	1999	5,300	—	5.09	27,000	634.00	15,215
	2000	5,300	—	6.42	34,000	455.00	13,888
	2001	5,300	—	4.87	25,800	667.00	15,340
Nectarines							
	1992	26,500	9,300	8.91	236,000	312.00	73,710
	1993	28,000	8,300	7.32	205,000	500.00	102,421
	1994	31,000	—	7.81	242,000	282.00	68,168
	1995	34,000	—	5.18	176,000	534.00	93,990
	1996	35,000	—	7.06	247,000	474.00	116,977
	1997	36,000	—	7.33	264,000	375.00	98,895
	1998	35,500	—	6.31	224,000	471.00	105,466
	1999	35,500	—	7.72	274,000	411.00	112,497
	2000	35,500	—	7.52	267,000	398.00	106,256
	2001	36,500	—	7.53	275,000	464.00	127,642

FRUIT AND NUT CROPS

NON-CITRUS FRUIT ACREAGE, PRODUCTION AND VALUE, 1992–2001 continued							
Crop	Crop Year	Bearing	Non-Bearing	Yield Per Acre	Production	Value Per Unit ¹	Total Value
		Acres	Acres	Tons	Tons	\$/Ton	\$1,000
Olives ⁴							
	1992	30,100	4,600	5.48	165,000	549.00	90,561
	1993	30,100	4,400	4.05	122,000	467.00	56,991
	1994	32,000	—	2.63	84,000	464.00	38,994
	1995	33,700	—	2.30	77,500	646.00	50,069
	1996	33,700	—	4.93	166,000	617.00	102,364
	1997	35,300	—	2.95	104,000	642.00	66,801
	1998	35,300	—	2.55	90,000	459.00	41,331
	1999	35,300	—	4.02	142,000	387.00	55,011
	2000	36,000	—	1.47	53,000	656.00	34,743
	2001	36,000	—	3.72	134,000	672.00	90,096
Peaches, Clingstone ⁴							
	1992	30,700	8,500	19.30	591,500	216.00	120,636
	1993	30,200	9,000	18.20	548,500	218.00	113,033
	1994	30,200	—	18.70	565,000	180.00	97,470
	1995	28,100	—	15.40	432,500	214.00	87,847
	1996	31,000	—	17.70	546,500	220.00	114,510
	1997	31,000	—	18.50	574,000	260.00	143,000
	1998	30,400	—	17.20	522,500	220.00	112,862
	1999	29,800	—	17.80	529,500	226.00	115,740
	2000	28,200	—	18.90	532,000	250.00	127,125
	2001	28,800	—	16.50	476,000	244.00	110,044
Peaches, Freestone							
	1992	28,800	6,400	11.20	321,000	248.00	79,510
	1993	29,500	5,400	10.20	301,500	298.00	90,072
	1994	30,100	—	10.60	317,000	214.00	67,918
	1995	32,500	—	7.70	251,000	372.00	93,175
	1996	34,300	—	9.90	337,000	434.00	146,306
	1997	35,200	—	10.50	369,500	244.00	89,937
	1998	37,000	—	9.20	340,500	314.00	107,155
	1999	38,000	—	10.00	381,500	320.00	122,420
	2000	39,000	—	10.20	395,500	314.00	124,484
	2001	39,000	—	9.95	387,500	352.00	136,699
Peaches, All							
	1992	59,500	14,900	15.40	912,500	228.00	200,146
	1993	59,700	14,400	14.30	850,000	248.00	203,105
	1994	60,300	—	14.70	882,000	193.00	165,388
	1995	60,600	—	11.30	683,500	274.00	181,022
	1996	65,300	—	13.60	883,500	304.00	260,816
	1997	66,200	—	14.30	943,500	254.00	232,937
	1998	67,400	—	12.80	863,000	258.00	220,017
	1999	67,800	—	13.50	911,000	266.00	238,160
	2000	67,200	—	13.80	927,500	278.00	251,609
	2001	67,800	—	12.80	863,500	294.00	246,743
Pears, Bartlett							
	1992	20,200	100	15.60	315,000	238.00	74,970
	1993	19,900	100	14.50	288,000	237.00	68,287
	1994	19,500	—	17.10	333,000	183.00	60,904
	1995	18,400	—	13.40	247,000	212.00	52,453
	1996	17,500	—	16.40	287,000	267.00	76,594
	1997	15,600	—	18.10	282,000	263.00	74,054
	1998	15,000	—	18.50	277,000	246.00	68,121
	1999	15,000	—	20.70	311,000	208.00	64,676
	2000	15,000	—	18.80	282,000	205.00	54,666
	2001	14,000	—	19.60	275,000	287.00	68,773
Pears, Other							
	1992	3,700	1,400	6.22	23,000	356.00	8,186
	1993	4,200	900	4.76	20,000	528.00	10,561
	1994	4,800	—	6.25	30,000	281.00	8,423
	1995	4,600	—	4.35	20,000	537.00	10,734
	1996	4,500	—	6.67	30,000	500.00	15,000
	1997	4,400	—	6.82	30,000	371.00	11,130
	1998	4,300	—	6.98	30,000	436.00	13,080
	1999	4,300	—	6.98	30,000	295.00	8,850
	2000	4,300	—	6.98	30,000	437.00	13,110
	2001	4,300	—	6.98	30,000	313.00	9,390

NON-CITRUS FRUIT ACREAGE, PRODUCTION AND VALUE, 1992–2001 continued							
Crop	Crop Year	Bearing	Non-Bearing	Yield Per Acre	Production	Value Per Unit ¹	Total Value
		Acres	Acres	Tons	Tons	\$/Ton	\$1,000
Pears, All							
	1992	23,900	1,500	14.10	338,000	246.00	83,156
	1993	24,100	1,000	12.80	308,000	256.00	78,848
	1994	24,300	—	14.90	363,000	191.00	69,327
	1995	23,000	—	11.60	267,000	237.00	63,187
	1996	22,000	—	14.40	317,000	289.00	91,594
	1997	20,000	—	15.60	312,000	273.00	85,184
	1998	19,300	—	15.90	307,000	264.00	81,201
	1999	19,300	—	17.70	341,000	216.00	73,526
	2000	19,300	—	16.20	312,000	228.00	67,776
	2001	18,300	—	16.70	305,000	289.00	78,163
Plums							
	1992	42,400	1,700	5.90	250,000	252.00	63,033
	1993	41,200	3,500	4.49	185,000	508.00	93,954
	1994	41,600	—	5.94	247,000	321.00	79,358
	1995	42,000	—	2.95	124,000	950.00	117,849
	1996	42,600	—	5.35	228,000	420.00	95,831
	1997	42,000	—	5.86	246,000	312.00	76,825
	1998	42,000	—	4.48	188,000	529.00	99,388
	1999	40,000	—	4.90	196,000	419.00	82,041
	2000	38,000	—	5.18	197,000	442.00	87,115
	2001	37,000	—	5.68	210,000	316.00	66,443
Plums, Dried (Prunes) ⁵							
	1992	80,400	8,000	2.29	184,000	1,030.00	189,520
	1993	83,000	11,000	1.46	121,000	1,120.00	135,520
	1994	84,000	18,800	2.30	193,000	1,090.00	210,370
	1995	83,500	23,200	2.17	181,000	1,040.00	188,240
	1996	85,000	23,700	2.62	223,000	839.00	187,097
	1997	82,000	21,300	2.61	214,000	883.00	181,015
	1998	83,000	26,000	1.30	108,000	764.00	78,692
	1999	83,000	22,000	2.14	178,000	861.00	142,065
	2000	86,000	15,000	2.55	219,000	770.00	154,770
	2001	86,000	11,000	1.74	150,000	750.00	101,250
Miscellaneous Fruits and Nuts ⁶							
	1992	24,000	—	—	158,000	—	62,750
	1993	25,000	—	—	165,000	—	70,950
	1994	29,000	—	—	193,000	—	80,642
	1995	22,000	—	—	132,000	—	62,750
	1996	27,000	—	—	165,000	—	81,872
	1997	41,000	—	—	288,000	—	144,664
	1998	39,000	—	—	232,000	—	113,024
	1999	46,000	—	—	253,000	—	135,393
	2000	49,000	—	—	318,000	—	143,446
	2001	47,000	—	—	277,000	—	140,311

¹ Return at processing plant door or packinghouse door.

² Acres of raisin type grapes enrolled in the California Raisin Industry Diversion Program were: 1992–12,500; 1993–20,000; 1994—zero; 1995–25,000; 1996, 1997, 1998, 1999, 2000 and 2001—zero. These acres were deducted from bearing acres before calculating yield.

³ Raisin type production is the fresh equivalent of dried and not dried.

⁴ Total value based on grower return.

⁵ Acreage by county, variety and year of planting for 2001 are available upon request.

⁶ These crops are almond hulls, black walnuts, jojobas (until 1991), limes, persimmons, pomegranates and in 1991, bushberries. Acres exclude almond hulls.

NON-CITRUS FRUIT UNUTILIZED PRODUCTION, 1992–2001										
Crop	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<i>Unharvested Tons</i>										
Apples	—	—	—	—	—	—	—	—	30,000	15,000
Apricots	—	—	13,000	—	—	9,600	10,400	—	9,000	7,000
Pears, Bartlett	—	—	—	—	—	—	—	—	15,000	35,000
<i>Harvested Tons Not Sold</i>										
Kiwifruit	4,600	4,600	1,900	4,200	3,500	3,200	3,600	3,000	3,500	2,800
Peaches, Clingstone	33,000	30,000	23,500	22,000	26,000	24,000	7,150	15,100	23,500	25,000
Plums, Dried (Prunes)	—	—	—	—	—	9,000	5,000	13,000	18,000	15,000

FRUIT AND NUT CROPS

NON-CITRUS FRUIT UTILIZED PRODUCTION AND AVERAGE GROWER RETURN, 1992–2001								
Crop	Crop Year	Utilized Production <i>Short Tons</i>	Fresh Market		Processing			
			Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Total		Canned	
					Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Quantity <i>Tons</i>	Value <i>\$/Ton</i>
Apples¹	1992	420,000	185,000	714.00	235,000	162.00	15,000	187.00
	1993	440,000	185,000	574.00	255,000	126.00	20,500	152.00
	1994	525,000	175,000	568.00	350,000	113.00	45,000	145.00
	1995	425,000	150,000	734.00	275,000	165.00	37,500	150.00
	1996	475,000	175,000	646.00	300,000	150.00	48,500	184.00
	1997	481,000	187,500	664.00	293,500	130.00	37,500	144.00
	1998	430,000	200,000	544.00	230,000	98.00	10,000	144.00
	1999	448,000	210,000	496.00	238,000	158.00	20,000	148.00
	2000	295,000	125,000	486.00	170,000	162.00	4,500	152.00
	2001	335,000	145,000	458.00	190,000	163.00	12,000	146.00
Apricots	1992	99,000	17,000	496.00	82,000	293.00	53,000	282.00
	1993	89,000	14,500	711.00	74,500	295.00	45,000	266.00
	1994	132,000	20,000	477.00	112,000	305.00	71,000	303.00
	1995	54,000	11,000	748.00	43,000	295.00	19,200	310.00
	1996	76,000	10,500	1,080.00	65,500	295.00	20,000	320.00
	1997	122,400	20,900	467.00	101,500	275.00	46,700	320.00
	1998	102,600	18,500	533.00	84,100	262.00	40,700	330.00
	1999	85,000	21,000	563.00	64,000	295.00	33,500	330.00
	2000	81,000	21,000	459.00	60,000	288.00	32,000	322.00
	2001	70,000	14,000	551.00	56,000	260.00	31,000	292.00
Avocados²	91–92	156,000	143,000	1,170.00	13,000	—	—	—
	92–93	284,000	265,000	400.00	19,000	—	—	—
	93–94	139,000	132,000	1,810.00	7,000	—	—	—
	94–95	155,000	153,500	1,490.00	1,500	—	—	—
	95–96	171,000	169,500	1,380.00	1,500	—	—	—
	96–97	167,000	165,000	1,570.00	2,000	—	—	—
	97–98	154,000	152,500	1,720.00	1,500	—	—	—
	98–99	136,000	136,000	2,400.00	—	—	—	—
	99–00	161,000	161,000	2,110.00	—	—	—	—
	00–01	213,000	213,000	1,480.00	—	—	—	—
Cherries, Sweet³	1992	31,000	25,500	1,380.00	5,500	573.00	—	—
	1993	19,000	14,500	2,820.00	4,500	514.00	—	—
	1994	52,000	36,000	1,550.00	16,000	482.00	—	—
	1995	19,800	11,000	3,410.00	8,800	458.00	—	—
	1996	24,600	16,000	2,540.00	8,600	557.00	—	—
	1997	49,200	31,600	1,570.00	17,600	782.00	—	—
	1998	15,200	7,500	2,330.00	7,700	784.00	—	—
	1999	79,500	54,200	1,040.00	25,300	494.00	—	—
	2000	45,700	29,600	2,180.00	16,100	437.00	—	—
	2001	51,100	41,300	1,840.00	9,800	390.00	—	—
Dates	1992	21,000	21,000	1,060.00	—	—	—	—
	1993	29,000	29,000	790.00	—	—	—	—
	1994	23,000	23,000	750.00	—	—	—	—
	1995	22,700	22,700	780.00	—	—	—	—
	1996	23,000	23,000	1,090.00	—	—	—	—
	1997	21,000	21,000	1,100.00	—	—	—	—
	1998	24,900	24,900	1,220.00	—	—	—	—
	1999	22,200	22,200	1,240.00	—	—	—	—
	2000	17,400	17,400	1,230.00	—	—	—	—
	2001	19,700	19,700	1,410.00	—	—	—	—
Figs⁴	1992	46,900	1,300	—	45,600	—	—	—
	1993	60,700	2,800	—	57,900	—	—	—
	1994	56,700	2,100	—	54,600	—	—	—
	1995	52,400	2,000	—	50,400	—	—	—
	1996	45,500	2,000	—	43,500	—	—	—
	1997	57,500	2,000	—	55,500	—	—	—
	1998	51,300	1,800	—	49,500	—	—	—
	1999	47,300	2,000	—	45,300	—	—	—
	2000	55,900	4,000	—	51,900	—	—	—
	2001	39,800	2,000	—	37,800	—	—	—

Crop	Processing, <i>continued</i>								
	Crop Year	Juice or Crushed		Frozen		Dried (Fresh Basis)		Dried Basis	
		Quantity Tons	Value \$/Ton	Quantity Tons	Value \$/Ton	Quantity Tons	Value \$/Ton	Quantity Tons	Value \$/Ton
Apples¹	1992	162,500	155.00	—	—	—	—	—	—
	1993	175,000	122.00	—	—	—	—	—	—
	1994	250,000	110.00	—	—	—	—	—	—
	1995	200,000	165.00	—	—	—	—	—	—
	1996	209,000	137.00	—	—	—	—	—	—
	1997	181,000	106.00	—	—	—	—	—	—
	1998	160,000	88.00	—	—	—	—	—	—
	1999	200,000	154.00	—	—	—	—	—	—
	2000	154,000	156.00	—	—	—	—	—	—
	2001	154,000	164.00	—	—	—	—	—	—
Apricots	1992	—	—	13,000	319.00	16,000	306.00	2,500	1,960.00
	1993	—	—	11,500	315.00	18,000	353.00	2,730	2,320.00
	1994	—	—	10,500	350.00	30,500	295.00	4,800	1,890.00
	1995	8,500	230.00	5,700	300.00	9,600	321.00	1,480	2,090.00
	1996	21,500	245.00	9,000	310.00	15,000	325.00	2,170	2,240.00
	1997	27,700	190.00	15,100	300.00	12,000	262.00	1,740	1,810.00
	1998	24,000	125.00	10,400	315.00	9,000	258.00	1,250	1,860.00
	1999	13,000	200.00	10,500	315.00	7,000	271.00	1,160	1,630.00
	2000	10,000	169.00	10,000	298.00	8,000	260.00	1,120	1,860.00
	2001	9,000	102.00	9,000	308.00	6,000	268.00	820	1,960.00
Avocados²	91–92	—	—	—	—	—	—	—	—
	92–93	—	—	—	—	—	—	—	—
	93–94	—	—	—	—	—	—	—	—
	94–95	—	—	—	—	—	—	—	—
	95–96	—	—	—	—	—	—	—	—
	96–97	—	—	—	—	—	—	—	—
	97–98	—	—	—	—	—	—	—	—
	98–99	—	—	—	—	—	—	—	—
	99–00	—	—	—	—	—	—	—	—
	00–01	—	—	—	—	—	—	—	—
Cherries, Sweet³	1992	—	—	—	—	—	—	—	—
	1993	—	—	—	—	—	—	—	—
	1994	—	—	—	—	—	—	—	—
	1995	—	—	—	—	—	—	—	—
	1996	—	—	—	—	—	—	—	—
	1997	—	—	—	—	—	—	—	—
	1998	—	—	—	—	—	—	—	—
	1999	—	—	—	—	—	—	—	—
	2000	—	—	—	—	—	—	—	—
	2001	—	—	—	—	—	—	—	—
Dates	1992	—	—	—	—	—	—	—	—
	1993	—	—	—	—	—	—	—	—
	1994	—	—	—	—	—	—	—	—
	1995	—	—	—	—	—	—	—	—
	1996	—	—	—	—	—	—	—	—
	1997	—	—	—	—	—	—	—	—
	1998	—	—	—	—	—	—	—	—
	1999	—	—	—	—	—	—	—	—
	2000	—	—	—	—	—	—	—	—
	2001	—	—	—	—	—	—	—	—
Figs⁴	1992	—	—	—	—	45,600	393.00	15,200	1,180.00
	1993	—	—	—	—	57,900	367.00	19,300	1,100.00
	1994	—	—	—	—	54,600	400.00	18,200	1,200.00
	1995	—	—	—	—	50,400	298.00	16,800	895.00
	1996	—	—	—	—	43,500	258.00	14,500	774.00
	1997	—	—	—	—	55,500	233.00	18,500	699.00
	1998	—	—	—	—	49,500	198.00	16,500	594.00
	1999	—	—	—	—	45,300	227.00	15,100	681.00
	2000	—	—	—	—	51,900	224.00	17,300	672.00
	2001	—	—	—	—	37,800	305.00	12,600	912.00

FRUIT AND NUT CROPS

NON-CITRUS FRUIT UTILIZED PRODUCTION AND AVERAGE GROWER RETURN, 1992–2001 continued								
Crop	Crop Year	Utilized Production <i>Short Tons</i>	Fresh Market		Processing			
			Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Total		Canned	
					Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Quantity <i>Tons</i>	Value <i>\$/Ton</i>
Grapes, Raisin ⁵	1992	2,670,000	285,000	374.00	2,385,000	213.00	46,000	260.00
	1993	2,354,000	270,000	630.00	2,084,000	206.00	45,000	256.00
	1994	2,389,000	270,000	472.00	2,119,000	198.00	38,000	256.00
	1995	2,252,000	253,000	579.00	1,999,000	190.00	35,000	257.00
	1996	2,192,000	230,000	669.00	1,962,000	235.00	36,000	267.00
	1997	2,883,000	275,000	759.00	2,608,000	210.00	44,000	268.00
	1998	2,077,000	230,000	715.00	1,847,000	238.00	36,000	270.00
	1999	2,122,000	240,000	704.00	1,882,000	272.00	35,000	270.00
	2000	2,921,000	230,000	600.00	2,691,000	128.00	32,000	270.00
	2001	2,199,000	217,000	680.00	1,982,000	128.00	29,000	270.00
Grapes, Table	1992	645,000	415,000	458.00	230,000	172.00	—	—
	1993	632,000	468,000	720.00	164,000	156.00	—	—
	1994	602,000	464,000	628.00	138,000	135.00	—	—
	1995	707,000	523,000	651.00	184,000	161.00	—	—
	1996	592,000	465,000	775.00	127,000	190.00	—	—
	1997	825,000	595,000	554.00	230,000	173.00	—	—
	1998	643,000	489,000	607.00	154,000	155.00	—	—
	1999	758,000	583,000	659.00	175,000	196.00	—	—
	2000	774,000	613,000	680.00	161,000	128.00	—	—
	2001	710,000	587,000	720.00	123,000	95.00	—	—
Grapes, Wine	1992	2,145,000	45,000	300.00	2,100,000	395.00	—	—
	1993	2,397,000	36,000	325.00	2,361,000	362.00	—	—
	1994	2,265,000	45,000	471.00	2,220,000	376.00	—	—
	1995	2,275,000	45,000	238.00	2,230,000	428.00	—	—
	1996	2,225,000	45,000	333.00	2,180,000	540.00	—	—
	1997	2,940,000	45,000	250.00	2,895,000	603.00	—	—
	1998	2,570,000	42,000	250.00	2,528,000	586.00	—	—
	1999	2,662,000	45,000	275.00	2,617,000	590.00	—	—
	2000	3,364,000	45,000	300.00	3,319,000	571.00	—	—
	2001	3,053,000	45,000	300.00	3,008,000	599.00	—	—
Grapes, All ⁵	1992	5,460,000	745,000	416.00	4,715,000	292.00	46,000	260.00
	1993	5,383,000	774,000	670.00	4,609,000	284.00	45,000	256.00
	1994	5,256,000	779,000	565.00	4,477,000	284.00	38,000	256.00
	1995	5,234,000	821,000	606.00	4,413,000	309.00	35,000	257.00
	1996	5,009,000	740,000	715.00	4,269,000	389.00	36,000	267.00
	1997	6,648,000	915,000	601.00	5,733,000	407.00	44,000	268.00
	1998	5,290,000	761,000	620.00	4,529,000	429.00	36,000	270.00
	1999	5,542,000	868,000	652.00	4,674,000	447.00	35,000	270.00
	2000	7,059,000	888,000	640.00	6,171,000	366.00	32,000	270.00
	2001	5,962,000	849,000	688.00	5,113,000	404.00	29,000	270.00
Kiwifruit ⁶	1992	47,700	47,700	—	—	—	—	—
	1993	44,600	44,600	—	—	—	—	—
	1994	37,500	37,500	—	—	—	—	—
	1995	33,600	32,500	—	1,100	—	—	—
	1996	28,000	26,100	—	1,900	—	—	—
	1997	31,800	31,300	—	500	—	—	—
	1998	33,000	32,000	—	1,000	—	—	—
	1999	24,000	23,100	—	900	—	—	—
	2000	30,500	28,500	—	2,000	—	—	—
	2001	23,000	22,200	—	800	—	—	—
Nectarines ⁶	1992	236,000	233,000	—	3,000	—	—	—
	1993	205,000	201,000	—	4,000	—	—	—
	1994	242,000	238,000	—	4,000	—	—	—
	1995	176,000	170,000	—	6,000	—	—	—
	1996	247,000	239,800	—	7,200	—	—	—
	1997	264,000	258,500	—	5,500	—	—	—
	1998	224,000	207,600	—	16,400	—	—	—
	1999	274,000	256,300	—	17,700	—	—	—
	2000	267,000	260,700	—	6,300	—	—	—
	2001	275,000	265,400	—	9,600	—	—	—

Crop	Processing, <i>continued</i>								
	Crop Year	Juice or Crushed		Frozen		Dried (Fresh Basis)		Dried Basis	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Tons	\$/Ton	Tons	\$/Ton	Tons	\$/Ton	Tons	\$/Ton	
Grapes, Raisin ⁵	1992	785,000	182.00	—	—	1,554,000	228.00	388,300	911.00
	1993	397,000	152.00	—	—	1,642,000	218.00	382,000	937.00
	1994	197,000	118.00	—	—	1,884,000	205.00	418,600	923.00
	1995	432,000	164.00	—	—	1,532,000	196.00	306,400	980.00
	1996	618,000	191.00	—	—	1,308,000	255.00	311,500	1,070.00
	1997	786,000	185.00	—	—	1,778,000	219.00	428,500	908.00
	1998	507,000	164.00	—	—	1,304,000	266.00	277,400	1,250.00
	1999	420,000	200.00	—	—	1,427,000	293.00	342,300	1,220.00
	2000	513,000	125.00	—	—	2,146,000	127.00	484,500	563.00
	2001	261,000	85.70	—	—	1,692,000	133.00	407,700	550.00
Grapes, Table	1992	217,000	170.00	—	—	13,000	213.00	3,200	866.00
	1993	137,000	147.00	—	—	27,000	204.00	6,300	874.00
	1994	123,000	136.00	—	—	15,000	125.00	3,400	550.00
	1995	170,000	162.00	—	—	14,000	150.00	2,800	750.00
	1996	117,000	188.00	—	—	10,000	210.00	2,400	880.00
	1997	212,000	169.00	—	—	18,000	220.00	4,300	914.00
	1998	136,000	150.00	—	—	18,000	197.00	3,800	933.00
	1999	150,000	187.00	—	—	25,000	247.00	6,000	1,030.00
	2000	120,000	118.00	—	—	41,000	157.00	9,200	700.00
	2001	100,000	87.20	—	—	23,000	129.00	5,400	550.00
Grapes, Wine	1992	2,100,000	395.00	—	—	—	—	—	—
	1993	2,361,000	362.00	—	—	—	—	—	—
	1994	2,220,000	376.00	—	—	—	—	—	—
	1995	2,230,000	428.00	—	—	—	—	—	—
	1996	2,180,000	540.00	—	—	—	—	—	—
	1997	2,895,000	603.00	—	—	—	—	—	—
	1998	2,528,000	586.00	—	—	—	—	—	—
	1999	2,617,000	590.00	—	—	—	—	—	—
	2000	3,319,000	571.00	—	—	—	—	—	—
	2001	3,008,000	599.00	—	—	—	—	—	—
Grapes, All ⁵	1992	3,102,000	325.00	—	—	1,567,000	228.00	391,500	911.00
	1993	2,895,000	323.00	—	—	1,669,000	218.00	388,300	936.00
	1994	2,540,000	344.00	—	—	1,899,000	204.00	422,000	920.00
	1995	2,832,000	372.00	—	—	1,546,000	196.00	309,200	978.00
	1996	2,915,000	452.00	—	—	1,318,000	255.00	313,900	1,070.00
	1997	3,893,000	495.00	—	—	1,796,000	219.00	432,800	908.00
	1998	3,171,000	500.00	—	—	1,322,000	265.00	281,200	1,250.00
	1999	3,187,000	520.00	—	—	1,452,000	292.00	348,300	1,220.00
	2000	3,952,000	499.00	—	—	2,187,000	128.00	493,700	566.00
	2001	3,369,000	544.00	—	—	1,715,000	133.00	413,100	550.00
Kiwifruit ⁶	1992	—	—	—	—	—	—	—	—
	1993	—	—	—	—	—	—	—	—
	1994	—	—	—	—	—	—	—	—
	1995	—	—	—	—	—	—	—	—
	1996	—	—	—	—	—	—	—	—
	1997	—	—	—	—	—	—	—	—
	1998	—	—	—	—	—	—	—	—
	1999	—	—	—	—	—	—	—	—
	2000	—	—	—	—	—	—	—	—
	2001	—	—	—	—	—	—	—	—
Nectarines ⁶	1992	—	—	—	—	—	—	—	—
	1993	—	—	—	—	—	—	—	—
	1994	—	—	—	—	—	—	—	—
	1995	—	—	—	—	—	—	—	—
	1996	—	—	—	—	—	—	—	—
	1997	—	—	—	—	—	—	—	—
	1998	—	—	—	—	—	—	—	—
	1999	—	—	—	—	—	—	—	—
	2000	—	—	—	—	—	—	—	—
	2001	—	—	—	—	—	—	—	—

FRUIT AND NUT CROPS

NON-CITRUS FRUIT UTILIZED PRODUCTION AND AVERAGE GROWER RETURN, 1992–2001 continued								
Crop	Crop Year	Utilized Production <i>Short Tons</i>	Fresh Market		Processing			
			Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Total		Canned	
					Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Quantity <i>Tons</i>	Value <i>\$/Ton</i>
Olives	1992	165,000	500	500.00	164,500	549.00	121,000	676.00
	1993	122,000	500	500.00	121,500	467.00	93,000	558.00
	1994	84,000	500	500.00	83,500	464.00	66,500	551.00
	1995	77,500	500	500.00	77,000	647.00	58,500	779.00
	1996	166,000	500	500.00	165,500	617.00	123,000	745.00
	1997	104,000	500	500.00	103,500	643.00	82,200	760.00
	1998	90,000	500	500.00	89,500	459.00	64,200	590.00
	1999	142,000	500	500.00	141,500	387.00	86,000	513.00
	2000	53,000	500	500.00	52,500	657.00	41,400	769.00
	2001	134,000	500	500.00	133,500	673.00	109,700	770.00
Peaches, Clingstone ⁷	1992	558,500	—	—	558,500	215.00	518,500	219.00
	1993	518,500	—	—	518,500	218.00	485,500	224.00
	1994	541,500	—	—	541,500	180.00	493,500	189.00
	1995	410,500	—	—	410,500	213.00	381,500	220.00
	1996	520,500	—	—	520,500	219.00	480,500	220.00
	1997	550,000	—	—	550,000	260.00	529,000	264.00
	1998	515,350	—	—	515,350	219.00	469,500	230.00
	1999	514,400	—	—	514,400	225.00	476,200	232.00
	2000	508,500	—	—	508,500	250.00	486,950	251.00
	2001	451,000	—	—	451,000	244.00	435,100	244.00
Peaches, Freestone ^{8, 9}	1992	321,000	215,000	286.00	106,000	170.00	15,400	213.00
	1993	301,500	193,000	370.00	108,500	172.00	14,700	196.00
	1994	317,000	220,000	232.00	97,000	174.00	15,100	205.00
	1995	251,000	161,300	482.00	89,700	172.00	11,000	190.00
	1996	337,000	229,350	560.00	107,650	166.00	9,100	204.00
	1997	369,500	249,050	276.00	120,450	194.00	10,650	246.00
	1998	340,500	215,800	396.00	124,700	186.00	12,750	215.00
	1999	381,500	254,150	396.00	127,350	171.00	10,800	216.00
	2000	395,500	269,000	380.00	126,500	176.00	—	—
	2001	387,500	269,000	428.00	118,500	182.00	—	—
Peaches, All ^{7, 8}	1992	879,500	215,000	286.00	664,500	208.00	533,900	219.00
	1993	820,000	193,000	370.00	627,000	210.00	500,200	223.00
	1994	858,500	220,000	232.00	638,500	179.00	508,600	189.00
	1995	661,500	161,300	482.00	500,200	206.00	392,500	219.00
	1996	857,500	229,350	560.00	628,150	210.00	489,600	220.00
	1997	919,500	249,050	276.00	670,450	248.00	539,650	264.00
	1998	855,850	215,800	396.00	640,050	213.00	482,250	230.00
	1999	895,900	254,150	396.00	641,750	214.00	487,000	232.00
	2000	904,000	269,000	396.00	635,000	235.00	486,950	251.00
	2001	838,500	269,000	294.00	569,500	231.00	435,100	244.00
Pears, Bartlett ^{7, 8}	1992	315,000	63,000	238.00	252,000	238.00	—	—
	1993	288,000	61,000	271.00	227,000	228.00	—	—
	1994	333,000	88,000	113.00	245,000	208.00	—	—
	1995	247,000	60,000	254.00	187,000	199.00	—	—
	1996	287,000	77,000	362.00	210,000	232.00	—	—
	1997	282,000	68,000	318.00	214,000	247.00	—	—
	1998	277,000	53,000	309.00	224,000	231.00	—	—
	1999	311,000	84,000	143.00	227,000	235.00	—	—
	2000	267,000	81,000	172.00	186,000	220.00	—	—
	2001	240,000	67,000	430.00	173,000	232.00	—	—
Pears, Other ⁶	1992	23,000	—	—	—	—	—	—
	1993	20,000	—	—	—	—	—	—
	1994	30,000	—	—	—	—	—	—
	1995	20,000	—	—	—	—	—	—
	1996	30,000	—	—	—	—	—	—
	1997	30,000	—	—	—	—	—	—
	1998	30,000	—	—	—	—	—	—
	1999	30,000	—	—	—	—	—	—
	2000	30,000	—	—	—	—	—	—
	2001	30,000	—	—	—	—	—	—

Crop	Processing, <i>continued</i>									
	Crop Year	Juice or Crushed		Frozen		Dried (Fresh Basis)		Dried Basis		
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
	Tons	\$/Ton	Tons	\$/Ton	Tons	\$/Ton	Tons	\$/Ton		
Olives				<i>Limited</i>		<i>Undersize</i>				
	1992	5,700	10.50	31,500	266.00	6,300	10.50	—	—	
	1993	5,300	10.50	19,700	235.00	3,500	37.20	—	—	
	1994	4,400	11.00	8,400	234.00	4,200	14.00	—	—	
	1995	4,000	11.00	9,300	443.00	5,200	16.00	—	—	
	1996	7,000	11.00	29,000	355.00	6,500	11.00	—	—	
	1997	3,600	11.00	10,200	386.00	7,500	11.00	—	—	
	1998	4,100	11.00	12,800	240.00	8,400	11.00	—	—	
	1999	5,000	200.00	36,500	259.00	14,000	11.00	—	—	
	2000	3,000	300.00	5,100	333.00	3,000	11.00	—	—	
	2001	3,000	300.00	15,300	287.00	5,500	6.00	—	—	
Peaches, Clingstone ⁷	1992	—	—	—	—	—	—	—	—	
	1993	—	—	—	—	—	—	—	—	
	1994	—	—	—	—	—	—	—	—	
	1995	—	—	—	—	—	—	—	—	
	1996	—	—	—	—	—	—	—	—	
	1997	—	—	—	—	—	—	—	—	
	1998	—	—	—	—	—	—	—	—	
	1999	—	—	—	—	—	—	—	—	
	2000	—	—	—	—	—	—	—	—	
	2001	—	—	—	—	—	—	—	—	
	Peaches, Freestone ^{8, 9}	1992	—	—	70,400	182.00	20,200	93.00	2,100	893.00
1993		—	—	78,800	185.00	15,000	82.00	1,850	713.00	
1994		—	—	68,400	183.00	13,500	93.00	1,450	856.00	
1995		—	—	63,700	186.00	14,000	86.00	1,550	894.00	
1996		—	—	77,850	186.00	16,350	78.00	1,700	726.00	
1997		—	—	89,450	190.00	17,050	68.00	1,894	612.00	
1998		—	—	81,900	200.00	12,500	67.50	1,551	544.50	
1999		—	—	87,100	201.00	15,700	73.00	1,849	619.50	
2000		—	—	92,650	200.00	12,600	78.00	1,350	728.00	
2001		—	—	86,000	214.00	14,600	51.00	1,450	514.00	
Peaches, All ^{7, 8}		1992	—	—	70,400	182.00	20,200	93.00	2,100	893.00
	1993	—	—	78,800	185.00	15,000	82.00	1,850	713.00	
	1994	—	—	68,400	183.00	13,500	93.00	1,450	856.00	
	1995	—	—	63,700	186.00	14,000	86.00	1,550	894.00	
	1996	—	—	77,850	186.00	16,350	78.00	1,700	726.00	
	1997	—	—	89,450	190.00	17,050	68.00	1,894	612.00	
	1998	—	—	81,900	200.00	12,500	67.50	1,551	544.50	
	1999	—	—	87,100	201.00	15,700	73.00	1,849	619.50	
	2000	—	—	92,650	200.00	12,600	78.00	1,350	728.00	
	2001	—	—	86,000	200.00	14,600	51.00	1,450	514.00	
	Pears, Bartlett ^{7, 8}	1992	—	—	—	—	9,900	171.00	1,500	1,130.00
1993		—	—	—	—	9,700	149.00	1,500	970.00	
1994		—	—	—	—	8,000	152.00	1,300	942.00	
1995		—	—	—	—	4,900	150.00	800	919.00	
1996		—	—	—	—	4,900	184.00	700	1,290.00	
1997		—	—	—	—	5,400	151.00	800	1,020.00	
1998		—	—	—	—	7,600	217.00	1,100	1,500.00	
1999		—	—	—	—	7,000	150.00	1,010	1,040.00	
2000		—	—	—	—	4,000	136.00	600	909.00	
2001		—	—	—	—	3,000	202.00	500	1,210.00	
Pears, Other ⁶		1992	—	—	—	—	—	—	—	—
	1993	—	—	—	—	—	—	—	—	
	1994	—	—	—	—	—	—	—	—	
	1995	—	—	—	—	—	—	—	—	
	1996	—	—	—	—	—	—	—	—	
	1997	—	—	—	—	—	—	—	—	
	1998	—	—	—	—	—	—	—	—	
	1999	—	—	—	—	—	—	—	—	
	2000	—	—	—	—	—	—	—	—	
	2001	—	—	—	—	—	—	—	—	

FRUIT AND NUT CROPS

NON-CITRUS FRUIT UTILIZED PRODUCTION AND AVERAGE GROWER RETURN, 1992–2001 continued								
Crop	Crop Year	Utilized Production <i>Short Tons</i>	Fresh Market		Processing			
			Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Total		Canned	
					Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Quantity <i>Tons</i>	Value <i>\$/Ton</i>
Pears, All ⁶	1992	338,000	—	—	—	—	—	—
	1993	308,000	—	—	—	—	—	—
	1994	363,000	—	—	—	—	—	—
	1995	267,000	—	—	—	—	—	—
	1996	317,000	—	—	—	—	—	—
	1997	312,000	—	—	—	—	—	—
	1998	307,000	—	—	—	—	—	—
	1999	341,000	—	—	—	—	—	—
	2000	297,000	—	—	—	—	—	—
	2001	270,000	—	—	—	—	—	—
Plums ⁶	1992	250,000	—	—	—	—	—	—
	1993	185,000	—	—	—	—	—	—
	1994	247,000	—	—	—	—	—	—
	1995	124,000	—	—	—	—	—	—
	1996	228,000	—	—	—	—	—	—
	1997	246,000	—	—	—	—	—	—
	1998	188,000	—	—	—	—	—	—
	1999	196,000	—	—	—	—	—	—
	2000	197,000	—	—	—	—	—	—
	2001	210,000	—	—	—	—	—	—
Plums, Dried (Prunes)	1992	184,000	—	—	184,000	1,030.00	—	—
	1993	121,000	—	—	121,000	1,120.00	—	—
	1994	193,000	—	—	193,000	1,090.00	—	—
	1995	181,000	—	—	181,000	1,040.00	—	—
	1996	223,000	—	—	223,000	839.00	—	—
	1997	205,000	—	—	205,000	883.00	—	—
	1998	103,000	—	—	103,000	764.00	—	—
	1999	165,000	—	—	165,000	861.00	—	—
	2000	201,000	—	—	201,000	770.00	—	—
	2001	135,000	—	—	135,000	750.00	—	—

¹ Dried and frozen fruit included in total processed to avoid disclosure of individual operations.
² Processed fruit included in fresh market total to avoid disclosure of individual operations.
³ Total processed includes canned, crushed, frozen and brined.
⁴ Prices for processing and fresh totals were not published to avoid disclosure of individual operations. Small quantities processed included in fresh to avoid disclosure of individual operations.
⁵ Includes substandard raisins diverted to other uses.
⁶ Processed and fresh fruit not published to avoid disclosure of individual operations, but included in total utilized.
⁷ Processed mostly canned, but includes other small quantities not published separately to avoid disclosure of individual operations.
⁸ Total processing value per ton excludes dried processing.
⁹ Not published separately to avoid disclosure of individual operations.

Processing, <i>continued</i>										
Crop	Crop Year	Juice or Crushed		Frozen		Dried (Fresh Basis)		Dried Basis		
		Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Quantity <i>Tons</i>	Value <i>\$/Ton</i>	Quantity <i>Tons</i>	Value <i>\$/Ton</i>	
Pears, All ⁶	1992	—	—	—	—	—	—	—	—	
	1993	—	—	—	—	—	—	—	—	
	1994	—	—	—	—	—	—	—	—	
	1995	—	—	—	—	—	—	—	—	
	1996	—	—	—	—	—	—	—	—	
	1997	—	—	—	—	—	—	—	—	
	1998	—	—	—	—	—	—	—	—	
	1999	—	—	—	—	—	—	—	—	
	2000	—	—	—	—	—	—	—	—	
	2001	—	—	—	—	—	—	—	—	
Plums ⁶	1992	—	—	—	—	—	—	—	—	
	1993	—	—	—	—	—	—	—	—	
	1994	—	—	—	—	—	—	—	—	
	1995	—	—	—	—	—	—	—	—	
	1996	—	—	—	—	—	—	—	—	
	1997	—	—	—	—	—	—	—	—	
	1998	—	—	—	—	—	—	—	—	
	1999	—	—	—	—	—	—	—	—	
	2000	—	—	—	—	—	—	—	—	
	2001	—	—	—	—	—	—	—	—	
Plums, Dried (Prunes)	1992	—	—	—	—	534,000	355.00	184,000	1,030.00	
	1993	—	—	—	—	375,000	374.00	121,000	1,120.00	
	1994	—	—	—	—	594,000	354.00	193,000	1,090.00	
	1995	—	—	—	—	597,300	320.00	181,000	1,040.00	
	1996	—	—	—	—	704,000	262.00	223,000	839.00	
	1997	—	—	—	—	627,300	289.00	205,000	883.00	
	1998	—	—	—	—	329,600	239.00	103,000	764.00	
	1999	—	—	—	—	478,500	297.00	165,000	861.00	
	2000	—	—	—	—	625,100	248.00	201,000	770.00	
	2001	—	—	—	—	378,000	268.00	135,000	750.00	

FRUIT AND NUT CROPS

NUT ACREAGE, PRODUCTION AND VALUE, 1992–2001									
Crop	Crop Year	Bearing	Non-Bearing	Yield	Production			Value	Total
		Acres	Acres	Per Acre	Marketable In-shell	Shelling Stock	Total	Per Unit	Value
				Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	\$/Pound	\$1,000
Almonds ^{1, 2}									
(Shelled Basis)									
	1992	401,000	33,600	1,370	—	—	548,000	1.30	691,340
	1993	413,000	33,400	1,190	—	—	490,000	1.94	930,618
	1994	433,000	46,500	1,700	—	—	735,000	1.34	965,202
	1995	418,000	65,700	885	—	—	370,000	2.48	880,896
	1996	428,000	72,400	1,190	—	—	510,000	2.08	1,018,368
	1997	442,000	63,000	1,720	—	—	759,000	1.56	1,160,640
	1998	460,000	113,000	1,130	—	—	520,000	1.41	703,590
	1999	480,000	105,000	1,740	—	—	833,000	0.86	687,742
	2000	500,000	95,000	1,410	—	—	703,000	0.97	666,487
	2001	525,000	70,000	1,580	—	—	830,000	0.90	731,880
Pecans									
(In-shell Basis)									
	1992	2,600	600	1,000	—	—	2,600	1.60	4,160
	1993	2,500	500	1,200	—	—	3,000	0.96	2,880
	1994	2,600	N/A	577	—	—	1,500	1.16	1,740
	1995	2,600	N/A	1,120	—	—	2,900	1.28	3,712
	1996	2,500	N/A	520	—	—	1,300	0.83	1,079
	1997	2,600	N/A	962	—	—	3,000	1.32	3,960
	1998	2,600	N/A	654	—	—	1,700	1.66	2,822
	1999	2,600	N/A	731	—	—	1,900	1.27	2,413
	2000	2,600	N/A	1,310	—	—	3,400	1.52	5,168
	2001	2,600	N/A	1,420	—	—	3,700	0.81	2,997
Pistachios									
	1992	56,500	13,900	2,600	114,500	32,500	147,000	1.03	151,410
	1993	57,000	15,700	2,670	113,000	39,000	152,000	1.07	162,640
	1994	57,500	16,600	2,240	94,600	34,400	129,000	0.92	118,809
	1995	60,300	13,400	2,450	107,500	40,500	148,000	1.09	161,320
	1996	64,300	17,100	1,630	85,000	20,000	105,000	1.16	121,800
	1997	65,400	17,000	2,750	137,000	43,000	180,000	1.13	203,400
	1998	68,000	19,300	2,760	138,000	50,000	188,000	1.03	193,640
	1999	71,000	21,000	1,730	105,000	18,000	123,000	1.33	163,590
	2000	74,600	21,700	3,260	190,000	53,000	243,000	1.01	245,430
	2001	78,000	23,500	2,060	127,000	34,000	161,000	0.99	159,390
Walnuts ²									
(In-shell Basis)									
		Acres	Acres	Tons	Tons	Tons	Tons	\$/Ton	\$1,000
	1992	178,000	17,200	1.14	—	—	203,000	1,410.00	286,230
	1993	185,000	20,000	1.41	—	—	260,000	1,390.00	361,400
	1994	189,000	25,600	1.23	—	—	232,000	1,030.00	238,960
	1995	193,000	23,300	1.21	—	—	234,000	1,400.00	327,600
	1996	192,000	23,200	1.08	—	—	208,000	1,580.00	328,640
	1997	193,000	20,900	1.39	—	—	269,000	1,430.00	384,670
	1998	193,000	28,000	1.18	—	—	227,000	1,050.00	238,350
	1999	191,000	29,000	1.48	—	—	283,000	886.00	250,738
	2000	193,000	30,000	1.24	—	—	239,000	1,240.00	296,360
	2001	196,000	28,000	1.56	—	—	305,000	1,120.00	341,600

¹ Values are based on edible portion of the crop only. Included in production are inedible quantities of no value as follows: 1992–16.2 million pounds; 1993–10.3 million pounds; 1994–14.7 million pounds; 1995–14.8 million pounds; 1996–20.4 million pounds; 1997–15.0 million pounds; 1998–21.0 million pounds; 1999–33.3 million pounds; 2000–28.1 million pounds; and 2001–34.0 million pounds.

² Data for 2001 acreage by county, variety and year of planting available upon request.

RAISIN PRODUCTION AND AVERAGE GROWER RETURN, 1992–2001

Raisins ¹	Crop Year	All Varieties	Naturally Dried					Dehydrated, All Types
			Thompson Seedless	Muscats	Oleate ²	Sultanas	Zante Currant	
Production ³					<i>Tons</i>			
	1992	388,300	346,850	50	—	280	4,720	36,400
	1993	382,000	338,000	170	—	330	5,700	37,800
	1994	418,600	378,400	230	400	270	5,400	33,900
	1995	306,400	264,800	150	300	130	2,820	38,200
	1996	311,500	272,100	130	810	140	4,520	33,800
	1997	428,500	382,500	80	1,100	200	4,820	39,800
	1998	277,400	240,500	30	580	120	3,770	32,400
	1999	342,300	300,000	10	270	120	3,700	38,200
	2000	484,500	437,000	60	3,700	140	4,800	38,800
	2001	407,700	—	—	—	—	—	—
Average Grower Return ³					<i>Dollars/Ton</i>			
	1992	911	873	800	—	825	1,560	1,190
	1993	937	908	1,080	—	817	1,260	1,150
	1994	923	908	1,000	970	773	1,000	1,080
	1995	980	947	935	978	733	871	1,220
	1996	1,070	1,050	1,000	943	823	1,180	1,250
	1997	908	881	1,000	1,100	842	658	1,190
	1998	1,250	1,240	700	1,280	818	994	1,360
	1999	1,220	1,210	702	1,240	919	596	1,400
	2000	563	455	533	855	590	829	852
	2001	550	—	—	—	—	—	—

¹ Excludes raisins produced from table type grapes.

² Miscellaneous seedless grapes with Oleate applied.

³ Missing 2001 data will be available by the end of January 2003.



The Final Grape Crush Report includes all grape tonnage crushed during the 2001 season. Changes in tonnage, degrees Brix, and weighted average prices were reported by grape type and variety as well as by grape pricing districts. The 17 districts refer to the area in which grapes were grown as defined in administrative code.

Beginning with the 2000 crop year, Valdepenas variety grapes were combined with Tempranillo, and Muscadelle variety grapes were combined with Sauvignon Vert. In 2001, Pinot St. George variety grapes were combined with Negrette, Syrah Noir with Syrah, and Touriga with Touriga Nacional.

Summary of Grape Tonnages and Prices

The 2001 crush totaled 3,368,265 tons, down 15 percent from the record 2000 crush of 3,951,185 tons. Red wine varieties accounted for the largest share of all grapes crushed — at 1,706,037 tons — representing a decline of 6 percent from 2000. The 2001 white wine variety crush totaled 1,299,921 tons, down 13 percent from 2000. Tons crushed of raisin type varieties totaled 261,719, down 49 percent from 2000, while tons crushed of table type varieties totaled 100,589 down 16 percent from 2000.

Beginning with the 1999 season, the Final Grape Crush Report includes the total number of tons marketed as concentrate. In determining grape tonnage crushed for concentrate production, each processor reported the estimated equivalent tons of grapes to be marketed as concentrate. For the 2001 season, this total was 536,614 tons, approximately 16 percent of the 2001 grape crush.



Pressure bombs, which test the stress level in plants, allow growers to adopt deficit irrigation practices that save water and improve product quality.

This report provides the aggregate figure of grapes crushed for concentrate production and does not include information by district, type or variety.

California grape growers received prices in 2001 for raisin, table and white wine grapes that were, on average, less than the 2000 prices. Prices received for red wine grapes were, on average, above the 2000 prices. The 2001 average price of all varieties was \$554.73, up 10 percent from 2000.

Average Prices for the 2001 Crop by Type:¹

Red wine grapes	\$680.45, up 8 percent
White wine grapes	\$491.28, down 2 percent
Table grapes	\$ 87.16, down 26 percent
Raisin grapes	\$ 85.65, down 32 percent

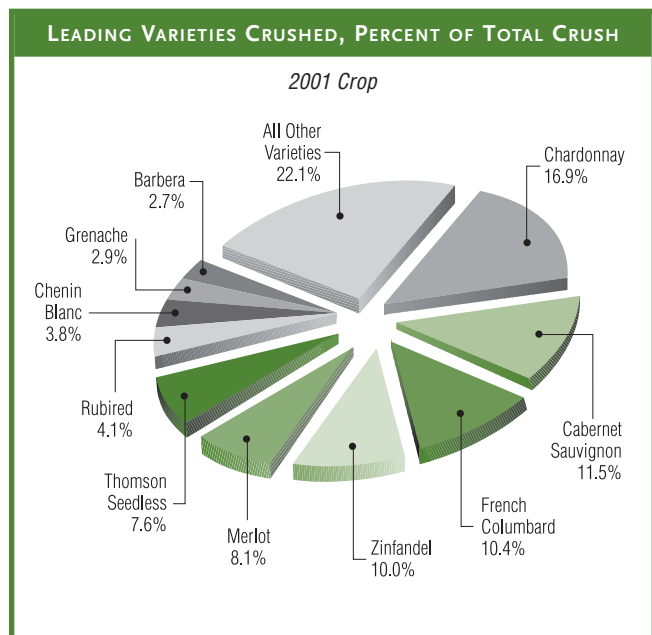
¹ These price levels have not been adjusted for inflation.

Leading Grape Varieties and Districts

In 2001, Chardonnay accounted for the largest percentage of crush volume with 17 percent. Cabernet Sauvignon accounted for the second leading percentage at 11 percent. The next eight highest percentages of grapes crushed, with the exception of Thompson Seedless, were all wine varieties.

Grapes produced in District 4 (Napa County) received the highest average price of \$2,827.06 per ton, up 15 percent from 2000. District 3 (Sonoma and Marin counties) received the second highest return of \$2,158.97, up 6 percent from 2000.

Of grapes grown statewide, the top five varieties receiving the highest average price were all wine grape varieties.



Top Five Varieties Receiving the Highest Average Price Per Ton:¹

Negrette	\$2,142.58
Vernaccia	\$2,033.32
Marechal Foch	\$2,000.00
Blaufraenkisch	\$2,000.00
De Chaunac	\$2,000.00

¹ These purchases involved less than 50 tons.

The 2001 Chardonnay price of \$845.83 was down 6 percent from 2000, while the 2001 Cabernet Sauvignon price of \$1,068.82 was up 2 percent from 2000. The 2001 average price for Merlot and Zinfandel grapes increased to \$1,006.65 and \$526.55 respectively, this represents an increase of 6 percent and 13 percent from 2000.



Buried drip irrigation allows direct contact between water and roots, saving water and cutting down on the need for weed control.

GRAPE CRUSH

GRAPE CRUSH TONNAGE AND PRICE, 1988–2001										
Crop Year	Raisin Type		Table Type		Red Wine Type		White Wine Type		All Types	
	1,000 Tons	Dollars Per Ton	1,000 Tons	Dollars Per Ton	1,000 Tons	Dollars Per Ton	1,000 Tons	Dollars Per Ton	1,000 Tons	Dollars Per Ton
1988	415	116	312	131	760	409	1,356	238	2,843	253
1989	370	132	211	128	872	410	1,272	297	2,725	297
1990	268	126	170	127	804	355	1,331	277	2,573	276
1991	284	150	157	141	840	383	1,289	319	2,570	310
1992	785	182	217	170	888	438	1,209	364	3,099	325
1993	452	152	137	147	979	430	1,327	316	2,895	323
1994	239	118	123	136	936	462	1,242	317	2,540	344
1995	432	164	170	162	1,052	515	1,175	351	2,829	372
1996	618	191	117	188	1,079	611	1,094	469	2,908	452
1997	786	185	212	169	1,461	656	1,433	546	3,891	497
1998	506	164	135	150	1,333	643	1,194	521	3,169	502
1999	419	200	149	187	1,422	649	1,195	518	3,185	525
2000	513	125	120	118	1,816	628	1,503	500	3,951	504
2001	262	86	101	87	1,706	680	1,300	491	3,368	555

Source: California Agricultural Statistics Service

GRAPE CRUSH TOTALS BY TYPE AND VARIETY, 2000–2001										
Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	2001	2000	2001	2000	2001	2000	2001	2000	2001	2000
RAISIN GRAPES:										
Black Corinth *	—	118.6	—	21.4	—	118.6	—	21.4	—	124.99
Canner	—	443.4	—	15.6	—	443.4	—	15.6	—	30.00
Dovine	254.4	—	25.6	—	252.4	—	25.6	—	75.00	—
Fiesta	6,719.9	21,531.6	22.6	22.2	6,698.0	21,453.8	22.6	22.2	76.31	127.15
Sultana	66.9	—	21.1	—	66.9	—	21.1	—	73.79	—
Thompson Seedless	254,677.3	489,624.2	22.6	22.0	186,725.2	401,303.5	22.7	21.9	86.00	125.01
Other Raisin †	—	1,241.8	—	18.3	—	1,241.8	—	18.3	—	146.90
Total Raisin	261,718.5	512,959.6	22.6	22.0	193,742.5	424,561.1	22.7	21.9	85.65	125.09
TABLE GRAPES:										
Black Hamburg	4.2	1.2	26.5	25.1	—	—	—	—	—	—
Black Monukka	10.0	22.6	23.8	23.0	—	22.6	—	23.0	—	100.00
Black Prince *	21.6	21.5	24.0	24.9	21.6	21.0	24.0	24.9	443.52	442.14
Calmeria	3,497.6	1,436.4	19.6	20.4	2,204.6	10.0	19.7	20.7	65.00	92.00
Cardinal	203.3	179.9	19.9	22.7	18.5	9.7	18.2	21.9	59.15	107.48
Christmas Rose	1,038.5	926.6	22.7	21.7	447.0	94.3	22.7	21.2	71.50	65.79
Concord	47.2	10.3	18.6	19.6	—	10.3	—	19.6	—	200.00
Dawn Seedless	5.1	—	21.1	—	—	—	—	—	—	—
Emerald Seedless *	760.0	926.3	20.3	21.4	235.5	—	20.3	—	65.98	—
Emperatriz	62.0	—	20.7	—	—	—	—	—	—	—
Emperor	1,384.8	3,911.0	17.8	18.1	469.1	41.0	18.2	16.1	59.15	40.96
Exotic	384.1	63.1	22.3	19.4	—	29.2	—	19.4	—	95.47
Fantasy Seedless	—	153.7	—	24.2	—	153.7	—	24.2	—	86.63
Flame Seedless *	17,179.7	23,243.3	22.6	22.9	3,649.0	3,916.2	23.0	23.7	71.51	98.11
Flame Tokay	14,568.8	26,135.4	16.6	16.8	14,374.5	25,146.8	16.5	16.7	97.62	136.98
Italia *	1,863.9	738.6	21.7	21.9	628.3	40.2	21.6	21.9	70.20	50.00
Jade Seedless	578.2	346.3	17.8	21.3	—	—	—	—	—	—
Majestic	128.7	—	17.5	—	—	—	—	—	—	—
Malaga *	6,169.5	8,852.6	19.9	20.2	3,806.5	6,759.8	20.3	20.0	135.62	111.43
Marroo	—	483.7	—	24.0	—	242.6	—	23.3	—	91.32
Olivette Blanche *	46.7	—	18.0	—	—	—	—	—	—	—

GRAPE CRUSH TOTALS BY TYPE AND VARIETY, 2000–2001, continued

Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	2001	2000	2001	2000	2001	2000	2001	2000	2001	2000
TABLE GRAPES continued:										
Perlette	626.9	272.1	20.3	21.9	—	48.8	—	21.2	—	105.33
Queen	58.0	—	23.8	—	—	—	—	—	—	—
Red Crimson *	5,248.0	484.3	20.2	21.8	3,396.4	103.8	20.3	22.8	66.90	80.67
Red Globe *	16,902.8	14,724.7	21.8	20.3	5,773.5	502.6	22.0	21.1	71.20	82.12
Red Seedless	9,768.1	7,473.0	21.4	20.5	838.9	95.5	21.3	20.7	69.55	92.00
Ribier	1,925.5	2,078.4	19.7	19.2	152.5	181.9	18.9	18.7	61.43	150.00
Rouge	1,650.5	940.0	20.4	20.4	—	—	—	—	—	—
Ruby Seedless *	4,294.8	8,524.6	23.3	22.6	1,827.2	2,823.7	23.2	22.8	71.50	135.24
Sugraone *	140.3	—	22.2	—	140.3	—	22.2	—	71.50	—
Packinghouse Culls	—	990.8	—	21.9	—	—	—	—	—	—
Other Table ¹	12,020.3	16,778.7	22.5	23.1	11,437.6	15,807.5	22.5	23.2	88.07	94.54
Total Table	100,589.1	119,719.1	20.9	20.6	49,421.0	56,061.2	20.2	19.8	87.16	117.96
WINE GRAPES (WHITE):										
Arneis	106.5	88.0	22.8	22.6	106.5	86.1	22.8	22.6	1,825.39	1,538.47
Burger *	46,612.5	45,533.2	16.3	16.5	40,983.0	39,932.6	16.3	16.6	167.49	174.20
Catarratto	17.1	—	23.4	—	—	—	—	—	—	—
Chardonnay *	568,295.2	650,524.7	24.0	23.5	412,160.7	464,966.7	24.1	23.6	845.83	895.07
Chenin Blanc	129,467.2	152,097.1	20.6	20.7	119,314.6	141,266.0	20.6	20.6	174.21	215.88
Cortese	22.7	20.8	22.6	22.4	—	—	—	—	—	—
Emerald Riesling	1,882.0	2,477.6	24.0	22.1	1,860.8	2,454.0	24.1	22.1	182.44	185.00
Flora	27.8	45.7	19.9	22.6	23.2	18.3	21.9	23.5	1,545.99	668.03
Folle Blanche	20.6	11.8	19.8	22.3	—	—	—	—	—	—
French Colombard	350,113.6	433,582.9	21.4	20.9	308,834.3	400,331.7	21.4	20.9	129.37	150.19
Gewurztraminer	8,117.9	7,893.7	23.9	23.6	5,127.8	4,820.0	23.3	23.6	991.34	908.41
Gray Riesling *	109.0	240.9	22.3	20.1	71.8	125.4	20.7	21.4	610.95	722.70
Green Hungarian	99.8	112.0	20.3	19.0	99.8	112.0	20.3	19.0	231.80	238.96
Grenache Blanc	10.8	6.5	24.6	22.8	0.8	—	23.5	—	1,000.00	—
Kleinberger	4.9	5.4	19.8	20.3	—	5.4	—	20.3	—	1,000.00
Malvasia Bianca *	11,635.3	15,367.0	20.2	19.5	7,816.7	9,666.3	20.2	19.2	247.80	282.32
Marsanne	411.7	326.7	23.3	22.9	263.0	200.1	23.2	22.8	1,467.38	1,505.75
Melon	17.1	12.5	24.3	24.6	17.1	12.5	24.3	24.6	1,848.14	1,658.89
Muscat Blanc *	6,493.2	7,301.7	22.7	23.2	5,585.6	6,115.8	22.9	23.3	428.69	518.27
Muscat Orange	866.2	874.4	23.3	22.9	674.0	659.2	23.4	22.9	754.35	730.16
Muscat of Alexandria	46,088.9	55,714.2	23.0	22.1	42,798.3	52,465.2	23.1	22.0	173.30	207.93
Palomino *	4,137.3	5,780.7	21.5	20.2	4,072.6	5,659.7	21.5	20.2	113.27	136.26
Pedro Ximenes	5.7	—	26.0	—	5.7	—	26.0	—	150.00	—
Pinot Blanc	2,740.0	3,401.7	22.7	22.3	1,463.7	1,372.9	22.9	22.1	1,091.72	1,370.00
Pinot Gris *	9,625.7	6,596.4	22.4	23.0	7,500.4	5,396.1	22.3	23.0	928.34	846.11
Roussanne	281.0	227.9	23.9	23.4	186.0	151.8	23.8	23.3	1,768.81	1,737.48
Sauvignon Blanc	75,001.7	74,998.7	22.9	22.7	60,332.7	59,656.3	22.9	22.7	868.18	839.54
Sauvignon Musque	409.0	454.5	23.8	22.8	223.7	326.8	23.5	22.5	1,718.66	1,567.10
Sauvignon Vert *	9.9	24.6	22.6	24.3	8.8	19.4	22.6	24.3	1,484.60	776.80
Scheurebe	28.1	31.9	21.2	24.0	—	0.5	—	23.0	—	4,504.12
Semillon	9,389.2	9,310.0	22.6	22.2	7,412.0	7,437.2	22.5	22.1	630.28	603.38
St. Emilion *	1,186.9	2,594.3	19.0	19.7	1,147.8	2,558.7	19.0	19.7	177.39	208.84
Sylvaner	37.9	143.4	21.1	18.8	37.9	23.4	21.1	20.6	851.48	851.48
Symphony	7,447.9	6,772.1	22.9	23.2	7,133.9	6,446.8	22.9	23.3	255.35	281.13
Tocai Friulano	92.8	93.9	24.5	23.7	88.7	91.0	24.6	23.7	1,567.79	1,584.56
Verdelho	16.1	7.8	23.9	22.7	16.1	7.8	23.9	22.7	1,371.43	1,005.08
Vernaccia	24.8	23.1	23.3	22.9	18.4	8.0	23.3	22.6	2,033.32	2,030.90
Viognier	7,779.4	7,708.7	25.1	25.0	5,474.3	4,814.5	24.8	24.4	967.84	1,029.95
White Riesling *	9,074.4	9,531.2	21.7	21.9	6,575.3	6,667.9	21.8	21.7	895.10	887.07
Other White ¹	2,213.0	2,766.5	22.0	22.7	1,972.9	1,475.4	22.7	23.4	355.19	140.94
Total White	1,299,920.8	1,502,704.2	22.5	22.1	1,049,408.9	1,225,351.5	22.4	21.9	491.28	499.99

GRAPE CRUSH TOTALS BY TYPE AND VARIETY, 2000–2001, continued

Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	2001	2000	2001	2000	2001	2000	2001	2000	2001	2000
WINE GRAPES (RED):										
Aglianico	22.2	32.7	23.5	23.1	3.1	9.8	24.0	23.0	1,250.00	1,267.86
Aleatico	45.0	154.7	24.3	24.3	44.1	153.7	24.2	24.2	1,275.08	651.50
Alicante Bouschet *	2,827.5	4,435.0	23.4	21.7	2,708.7	4,298.3	23.3	21.6	337.06	324.41
Alvarelhao	47.6	47.4	24.8	25.8	21.8	19.5	24.0	25.4	840.14	764.62
Barbera	91,731.4	118,801.5	23.8	23.2	82,277.1	108,095.9	23.8	23.2	219.55	229.33
Blaufraenkisch	14.0	12.6	24.6	23.4	13.5	12.6	24.6	23.4	2,000.00	2,000.00
Cabernet Franc	15,820.7	14,400.6	25.1	24.0	10,661.0	8,747.1	24.8	24.0	1,482.55	1,529.12
Cabernet Sauvignon	387,186.1	357,683.9	24.3	23.8	313,192.9	278,837.4	24.3	23.7	1,068.82	1,047.67
Carignane	51,754.8	58,351.1	23.5	22.9	46,980.5	54,975.4	23.6	22.9	204.51	294.48
Carmeniere	3.3	1.2	23.6	23.2	—	—	—	—	—	—
Carmine	629.7	639.2	24.6	24.6	618.6	624.3	24.5	24.6	314.46	322.18
Carnelian	10,925.6	11,688.5	25.1	23.7	6,168.2	7,730.6	25.4	25.2	194.84	207.70
Centurian	3,268.6	2,404.7	24.6	24.2	1,867.5	1,566.6	24.1	24.2	259.30	291.99
Charbono	228.5	218.7	22.7	21.3	214.4	199.2	22.6	21.3	1,874.85	1,878.39
Cinsaut *	401.3	681.3	22.5	21.4	263.4	582.8	22.1	21.2	487.99	254.03
Counoise	107.7	78.3	23.5	22.3	25.8	29.7	24.2	22.8	1,408.15	1,139.06
De Chaunac	0.2	0.3	22.2	20.2	0.2	—	22.2	—	2,000.00	—
Dolcetto	469.9	416.9	22.5	22.9	339.9	242.2	22.1	22.3	1,851.60	1,843.70
Durif	0.5	4.2	23.0	24.3	—	4.2	—	24.3	—	1,000.00
Early Burgundy	28.5	33.6	24.6	23.2	16.0	33.6	24.3	23.2	925.00	765.77
Freisa	60.0	56.4	23.5	22.9	53.3	31.6	23.0	22.6	1,850.49	2,554.63
Gamay (Napa) *	4,313.3	5,512.8	22.6	21.2	3,700.1	4,838.0	22.4	21.5	566.87	576.44
Gamay Beaujolais	58.4	16.3	20.9	22.5	58.4	—	22.7	—	823.29	—
Graciano	5.1	2.4	24.5	24.2	1.1	—	25.6	—	1,200.00	—
Grand Noir	14.1	4.8	26.1	22.0	2.6	4.8	23.7	22.0	1,300.00	1,250.00
Grenache *	97,392.0	110,974.0	21.8	21.8	90,378.5	104,548.4	21.7	21.8	156.58	169.80
Grignolino	23.0	64.0	22.7	23.7	—	—	—	—	—	—
Lagrein	242.9	145.3	21.3	23.0	242.9	142.8	21.3	23.1	661.32	696.13
Lambrusco	269.7	320.1	24.1	25.8	—	—	—	—	—	—
Malbec	2,521.0	1,919.9	24.3	23.5	1,827.6	1,343.3	24.3	23.4	1,103.04	1,129.72
Marechal Foch *	0.1	0.1	21.2	20.4	0.1	—	21.2	—	2,000.00	—
Mataro *	1,356.7	1,684.9	24.9	23.6	1,069.0	1,287.4	25.1	23.9	1,669.44	1,512.25
Merlot	273,397.4	305,151.5	24.2	24.0	214,044.2	239,007.4	24.3	23.9	1,006.65	950.61
Meunier *	833.8	908.7	20.2	21.3	347.0	613.7	19.8	21.5	1,817.25	1,909.88
Mission	10,171.1	8,309.6	24.2	22.9	9,967.0	8,189.6	24.2	22.9	160.97	159.85
Montepulciano	15.7	5.6	23.1	21.6	15.7	5.6	23.1	21.6	1,385.76	1,700.00
Muscat Hamburg *	138.7	163.4	26.8	24.9	127.5	136.5	26.8	25.1	633.40	579.36
Nebbiolo	407.9	541.2	23.8	23.7	299.3	309.6	23.8	23.6	1,790.63	1,503.67
Negrette *	29.1	38.0	24.9	22.2	22.7	33.0	24.6	21.6	2,142.58	2,050.96
Negroamaro	2.6	—	24.5	—	2.6	—	24.5	—	1,700.00	—
Petit Verdot	2,210.8	1,469.6	24.8	24.0	1,350.0	765.6	25.0	24.2	1,779.74	2,064.41
Petite Sirah	14,840.5	12,358.2	24.5	23.9	11,360.2	8,808.3	24.6	24.1	1,014.97	1,037.17
Pfeffer Cabernet	19.1	20.1	24.1	23.1	18.0	7.2	24.0	21.9	1,724.44	1,200.00
Pinot Noir	63,420.9	53,050.1	23.6	23.3	42,597.2	35,289.8	23.8	23.5	1,855.74	1,779.86
Pinotage	41.1	32.8	24.5	24.2	27.4	17.6	24.6	24.7	1,305.29	1,577.27
Portugieser Blauer *	5.2	10.6	22.8	23.0	5.2	10.6	22.8	23.0	1,200.00	1,193.30
Primitivo	835.3	465.1	23.3	24.5	679.4	411.7	23.1	24.4	593.61	604.32
Refosco *	689.4	423.6	21.9	22.3	656.6	396.4	21.8	22.3	487.88	658.15
Royalty	4,035.3	6,013.1	23.6	23.0	3,876.2	5,984.3	23.7	23.1	190.94	240.85
Rubired *	136,750.3	136,190.2	24.0	23.4	125,789.5	127,108.1	24.0	23.4	182.00	252.10
Ruby Cabernet	72,630.4	79,499.8	24.7	23.3	66,176.8	66,952.1	24.4	23.5	245.00	260.13
Salvador	5,190.3	6,218.4	23.8	23.0	4,919.3	5,916.6	24.0	23.1	213.27	271.23
Sangiovetto *	14,325.5	18,513.2	24.0	23.3	11,196.4	14,140.2	23.9	23.5	792.87	742.65
Sausaol	0.6	—	26.5	—	—	—	—	—	—	—
Souzao	288.2	182.5	24.0	23.3	78.3	97.5	24.1	23.8	961.22	761.81
Syrah *	89,157.9	72,786.5	24.7	24.4	63,457.7	47,851.7	24.9	24.6	720.64	756.54
Tannat	310.5	198.7	22.3	25.4	287.4	184.0	22.1	25.4	384.20	302.50

GRAPE CRUSH TOTALS BY TYPE AND VARIETY, 2000–2001, continued

Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	2001	2000	2001	2000	2001	2000	2001	2000	2001	2000
WINE GRAPES (RED) continued:										
Tempranillo *	2,469.1	3,650.8	23.9	23.6	2,275.2	3,540.9	23.8	23.0	318.03	262.36
Teroldego	58.8	33.9	24.5	23.4	53.8	26.9	24.6	23.5	1,801.35	1,887.18
Terret Noir	—	1.3	—	22.4	—	1.3	—	22.4	—	900.00
Tinta Barroca	1.5	—	28.3	—	1.5	—	28.3	—	1,250.00	—
Tinta Cao	75.4	69.5	25.5	24.5	29.0	23.9	25.9	24.5	949.36	872.80
Tinta Madeira	42.2	85.7	24.8	23.9	30.8	1.5	24.7	23.0	514.66	1,450.00
Touriga Nacional *	132.5	107.3	24.0	24.2	99.1	48.0	23.6	24.2	651.02	764.38
Trousseau *	32.1	20.0	23.5	24.8	29.4	18.4	23.4	24.8	1,495.04	1,468.04
Zinfandel	336,436.0	404,166.9	20.9	20.1	312,389.9	370,457.8	20.8	19.9	526.55	464.15
Other Red ¹	5,272.3	14,329.2	24.0	21.2	1,271.1	3,039.5	23.9	20.6	995.07	276.79
Total Red	1,706,036.9	1,815,802.5	23.4	22.7	1,436,231.9	1,517,754.5	23.3	22.6	680.45	627.97
TOTAL WINE	3,005,957.7	3,318,506.7	23.0	22.4	2,485,640.6	2,743,106.0	22.9	22.3	600.59	570.80
TOTAL ALL VARIETIES	3,368,265.3	3,951,185.4	22.9	22.3	2,728,804.1	3,223,728.3	22.8	22.2	554.73	504.23

* Synonyms for variety names are shown below.
¹ Other categories include minor and mixed varieties.

Grape Variety Synonyms

Alicante Bouschet—Alicante	Malvasia Bianca—Vennentino, Vermintino	Refosco—Mondeuse
Black Corinth—Zante Current	Marechal Foch—Foch	Rubired—Tintoria
Black Prince—Rose of Peru	Mataro—Mourvedre	Ruby Seedless—King Ruby
Burger—Monbadon	Meunier—Pinot Meunier	Sangiovese—Sangiovese, Brunello
Chardonnay—Pinot Chardonnay	Muscat Blanc—Muscat Canelli, Muscat Blanc A Petits Grains	Sauvignon Vert—Muscadelle
Cinsaut—Black Malvoisie, Black Malvasia	Muscat Hamburg—Black Muscat	St. Emillon—Ugni Blanc, Trebbiano
Emerald Seedless—Black Seedless	Negrette—Pinot St. George	Sugraone—Superior Seedless Brand
Flame Seedless—Red Flame	Olivette Blanche—Lady Finger	Syrah—Syrah Noir, French Syrah, Shiraz
Gamay (Napa)—Gamay, Valdiguie	Palomino—Golden Chasselas	Tempranillo—Tinta Roriz, Valdepenas
Gray Riesling—Trousseau Gris	Pinot Gris—Pinot Grigio	Touriga Nacional—Touriga
Grenache—Grenache Noir	Portugieser Blauer—Blue Portugues	Trousseau—Bastardo
Italia—Muscat Italia	Red Crimson—Crimson Seedless	White Riesling—Johannisberg Riesling, Riesling
Malaga—White Malaga	Red Globe—Rose Ito	



LIVESTOCK AND DAIRY

The Golden State's dairy industry continued its phenomenal growth as new record highs were set for the number of milk cows, milk production and value of production. In 2001, California led the nation in total milk production with a record 33.3 billion pounds, representing a 3 percent increase from the previous year. The average number of cows in 2001 was 1.59 million, up 4 percent from 2000. Total milk value was \$4.63 billion, up 25 percent. This increase is due to a 21 percent rise in the unit value, which went from \$11.50 to \$13.94 per hundredweight.

The five leading counties in milk production and number of milk cows were Tulare, Merced, Stanislaus, San Bernardino and Kings. Collectively, these counties accounted for approximately two-thirds of the state's milk production and milk cows.

Nationally, California ranked first in nonfat dry milk production, first in butter production, and second in cheese production. California produced 49 percent of the nation's nonfat dry milk, 28 percent of the butter, and 20 percent of the cheese. Cheddar and mozzarella cheeses constituted approximately three-fourths of the cheese production in California.

Livestock cash receipts (excluding broilers) during 2001 totaled \$7.35 billion, up 18 percent from 2000. The increase was due mainly to a 25 percent rise in milk and cream as well as an 11 percent rise in the value of cattle and calves.

Total production of the three red meat species (cattle, sheep and hogs) was 2.08 billion pounds, up 1 percent from the 2.05 billion pounds of a year ago. Total marketings of the three red meat species also gained by 3 percent, from 2.52 to 2.58 billion pounds. Cattle and calf marketings were 2.44 billion pounds, representing a 3 percent improvement. Sheep and lamb marketings of 82.3 million pounds were up 7 percent from 2000. Hog and pig marketings of 61.4 million pounds were down 23 percent, and this was the lowest amount marketed since 1989.

Cattle and calves marketed from California feedlots totaled 606,000, which is a fractional decline from 2000. Turkey production increased 3 percent to 451 million pounds in 2001. Egg production of 6.01 billion eggs was down 5 percent. Honey production was 27.6 million pounds, down 10 percent from 2000. Wool production was 3.75 million pounds, down 6 percent from the previous year.





CALIFORNIA AGRICULTURE:

LIVESTOCK AND DAIRY



LIVESTOCK AND DAIRY

MILK COWS AND PRODUCTION BY STATE, 2001						
State	Total Production on Farms Milk		Milk Cows on Farms ¹	Average Milk Production Per Cow	Rank in Production	Percent of United States Production
	Million Pounds	% Change from 2000				
Alabama	300	-13.8	21	14,286	43	0.2
Alaska	13	10.0	1	13,055	50	—
Arizona	2,895	-4.5	140	20,679	13	1.8
Arkansas	432	-10.9	35	12,343	38	0.3
California	33,251	3.0	1,590	20,913	1	20.1
Colorado	1,970	2.4	91	21,648	18	1.2
Connecticut	456	-5.0	25	18,240	37	0.3
Delaware	151	0.7	10	16,778	46	0.1
Florida	2,411	-2.1	153	15,758	16	1.5
Georgia	1,431	-0.1	86	16,640	26	0.9
Hawaii	105	-9.0	8	14,107	47	0.1
Idaho	7,757	7.4	366	21,194	6	4.7
Illinois	2,020	-3.5	116	17,414	17	1.2
Indiana	2,560	5.8	153	16,732	15	1.5
Iowa	3,785	-3.8	210	18,024	12	2.3
Kansas	1,610	4.5	93	17,312	24	1.0
Kentucky	1,660	-2.1	128	12,969	22	1.0
Louisiana	632	-9.5	54	11,704	34	0.4
Maine	654	-2.1	38	17,211	32	0.4
Maryland	1,294	-4.2	82	15,780	28	0.8
Massachusetts	358	-4.8	21	17,048	40	0.2
Michigan	5,855	2.6	303	19,323	7	3.5
Minnesota	8,812	-7.2	510	17,278	5	5.3
Mississippi	497	-8.1	35	14,200	35	0.3
Missouri	1,949	-13.7	145	13,441	19	1.2
Montana	346	2.4	19	18,211	41	0.2
Nebraska	1,156	-7.9	72	16,056	31	0.7
Nevada	485	1.9	25	19,400	36	0.3
New Hampshire	323	3.5	18	17,944	42	0.2
New Jersey	233	-4.5	14	16,643	45	0.1
New Mexico	5,561	6.2	168	20,750	8	3.4
New York	11,778	-1.2	672	17,527	3	7.1
North Carolina	1,164	-2.1	67	17,373	30	0.7
North Dakota	644	-6.1	46	14,000	33	0.4
Ohio	4,319	-3.2	260	16,612	11	2.6
Oklahoma	1,293	-0.2	89	14,528	29	0.8
Oregon	1,717	4.7	95	18,074	21	1.0
Pennsylvania	10,849	-2.8	599	18,112	4	6.6
Rhode Island	23	-17.7	1	16,571	49	—
South Carolina	367	-0.8	21	17,476	39	0.2
South Dakota	1,580	-3.3	99	15,960	25	1.0
Tennessee	1,335	-5.0	92	14,511	27	0.8
Texas	5,099	-11.1	325	15,689	10	3.1
Utah	1,635	-3.1	93	17,581	23	1.0
Vermont	2,667	-0.6	153	17,431	14	1.6
Virginia	1,876	-1.3	118	15,898	20	1.1
Washington	5,514	-1.4	247	22,324	9	3.3
West Virginia	249	-6.0	16	15,563	44	0.2
Wisconsin	22,199	-4.6	1,292	17,182	2	13.4
Wyoming	63	-17.1	5	14,000	48	—
UNITED STATES ²	165,336	-1.3	9,115	18,201	—	—

¹ Average number during year, heifers that have not freshened excluded.

² State totals may not add to U.S. totals due to rounding.

Source: USDA National Agricultural Statistics Service; Milk Production, Disposition and Income

MILK COWS, DAIRIES AND COWS PER DAIRY BY COUNTY AND REGION, 2000–2001						
County and and Region ¹	Annual Average 2000			Annual Average 2001		
	Number of Cows	Number of Dairies ²	Average Number of Cows/Dairy	Number of Cows	Number of Dairies ²	Average Number of Cows/Dairy
Butte	761	4	190	709	4	177
Colusa ³	—	1	—	—	1	—
Contra Costa ³	2,996	3	999	—	2	—
Del Norte	2,580	8	323	2,741	9	305
Fresno	79,296	107	741	84,440	107	789
Glenn	14,676	67	219	15,365	59	260
Humboldt	15,945	103	155	16,483	101	163
Kern	65,074	39	1,669	71,584	38	1,884
Kings	120,088	148	811	126,645	149	850
Madera	40,624	51	797	44,426	50	889
Marin	10,828	29	373	9,762	29	337
Mendocino ³	—	2	—	—	2	—
Merced	203,647	335	608	212,127	334	635
Monterey	2,609	6	435	1,959	3	653
Placer ³	—	1	—	—	1	—
Sacramento	17,367	56	310	17,159	50	343
San Benito	636	3	212	749	3	250
San Joaquin	97,849	155	631	101,070	155	652
Santa Clara ³	—	2	—	—	2	—
Santa Cruz ³	—	1	—	—	1	—
Shasta ³	—	1	—	—	1	—
Siskiyou	1,606	5	321	1,731	5	346
Solano	1,517	4	379	1,527	4	382
Sonoma	31,345	90	348	30,742	88	349
Stanislaus	158,087	324	488	156,930	318	493
Sutter ³	—	1	—	—	1	—
Tehama	5,219	31	168	5,259	29	181
Tulare	357,950	304	1,177	375,505	309	1,215
Yolo	1,463	3	488	1,842	3	614
Yuba	3,325	4	831	3,222	4	806
Northern California	1,238,793	1,889	656	1,288,476	1,862	692
Imperial ³	—	2	—	—	2	—
Los Angeles ³	—	2	—	—	2	—
Riverside	113,283	97	1,168	100,434	94	1,068
San Bernardino	161,251	189	853	152,466	184	829
San Diego	6,757	11	614	5,985	9	665
San Luis Obispo ³	—	1	—	—	1	—
Santa Barbara	2,699	4	675	2,787	3	929
Southern California	289,462	306	946	266,672	295	904
STATE	1,528,255	2,195	696	1,555,148	2,157	721

¹ Counties omitted have no reported milk production.² Number of dairies source is CDFA Milk and Dairy Foods Control.³ Not published, but included in total.

LIVESTOCK AND DAIRY

COMMERCIAL MILK PRODUCTION BY COUNTY AND MONTH, 2001 ¹						
County and Region ²	January	February	March	April	May	June
	Pounds					
Butte	1,211,030	1,038,426	1,112,406	1,125,089	1,044,001	1,123,665
Colusa ³	—	—	—	—	—	—
Contra Costa ³	—	—	—	—	—	—
Del Norte	4,916,638	4,431,581	5,297,442	5,428,574	5,469,143	5,283,839
Fresno	149,701,759	138,255,770	153,980,953	151,795,890	156,729,201	150,927,948
Glenn	24,463,445	22,588,014	25,624,422	25,217,213	27,537,642	26,689,767
Humboldt	19,826,673	17,946,754	22,611,084	23,865,626	27,601,797	27,204,150
Kern	126,345,046	117,853,695	132,071,908	128,103,838	125,670,259	120,002,668
Kings	223,783,092	207,659,182	233,932,850	230,773,504	237,407,342	229,697,837
Madera	73,795,660	67,402,607	76,252,502	76,258,366	79,147,837	77,369,963
Marin	18,255,161	16,480,226	17,787,412	17,408,007	18,319,757	17,412,035
Mendocino ³	—	—	—	—	—	—
Merced	360,858,178	331,563,274	372,744,365	369,591,181	386,010,447	377,021,179
Monterey	3,537,028	3,083,316	3,472,743	3,831,347	4,003,381	3,608,006
Placer ³	—	—	—	—	—	—
Sacramento	29,863,619	26,526,377	29,457,355	29,216,021	30,910,018	29,844,393
San Benito	1,232,967	1,136,072	1,245,361	1,165,555	1,247,838	1,572,620
San Joaquin	173,944,849	160,936,782	176,560,809	172,116,186	181,602,100	178,843,117
Santa Clara ³	—	—	—	—	—	—
Santa Cruz ³	—	—	—	—	—	—
Shasta ³	—	—	—	—	—	—
Siskiyou	2,805,299	2,499,420	2,825,629	2,826,370	2,976,119	2,995,578
Solano	2,636,458	2,323,214	2,671,738	2,641,737	2,697,968	2,595,073
Sonoma	53,321,436	49,089,952	55,577,468	54,180,915	57,421,452	56,416,721
Stanislaus	274,711,864	253,329,249	279,287,832	276,000,391	291,564,810	287,528,460
Sutter ³	—	—	—	—	—	—
Tehama	8,825,918	7,592,296	8,545,633	8,524,723	9,227,482	8,893,250
Tulare	682,711,071	646,017,938	730,190,377	717,424,796	730,046,420	699,354,012
Yolo	3,040,263	2,762,044	3,230,934	3,146,200	3,284,972	3,289,573
Yuba	5,380,298	5,122,911	5,661,170	5,625,680	5,777,334	5,533,950
Northern California	2,256,017,153	2,095,814,835	2,351,866,703	2,317,721,945	2,397,452,654	2,324,140,901
Imperial ³	—	—	—	—	—	—
Los Angeles ³	—	—	—	—	—	—
Riverside	195,148,594	162,500,142	170,480,208	173,504,982	182,562,593	171,595,261
San Bernardino	271,985,625	244,917,349	259,695,931	267,418,928	278,231,982	262,352,248
San Diego	12,039,631	10,828,408	11,314,099	11,212,084	10,145,750	9,555,232
San Luis Obispo ³	—	—	—	—	—	—
Santa Barbara	4,377,692	4,009,856	4,314,505	5,041,654	5,669,276	5,580,048
Southern California	492,111,590	429,975,860	454,652,204	465,838,906	485,358,458	456,522,848
STATE	2,748,128,743	2,525,790,695	2,806,518,907	2,783,560,851	2,882,811,112	2,780,663,749

¹ Includes total milk sold. Excludes milk left on ranch.

² Counties omitted have no reported milk production.

³ Not published, but included in total.

July	August	September	October	November	December	Total
2,321,107	1,183,181	1,072,833	1,103,265	1,055,492	1,101,454	14,491,949
—	—	—	—	—	—	—
5,509,847	5,448,014	4,897,142	4,968,919	4,126,868	4,006,176	59,784,183
152,312,647	153,552,565	147,349,331	153,318,337	147,600,064	150,907,378	1,806,431,843
26,754,834	27,281,886	25,675,205	27,807,823	26,908,274	27,702,157	314,250,682
27,477,339	26,410,907	24,126,489	23,883,862	22,104,790	21,259,692	284,319,163
120,648,812	121,007,766	120,504,655	127,741,128	127,420,049	136,169,752	1,503,539,576
229,338,563	232,306,733	222,301,595	233,070,701	228,061,772	232,992,998	2,741,326,169
78,092,924	78,267,281	74,759,568	76,766,995	74,065,147	76,466,897	908,645,747
17,735,920	17,467,408	16,718,219	17,076,272	16,140,659	17,035,461	207,836,537
—	—	—	—	—	—	—
386,854,955	387,018,941	369,229,556	380,588,163	365,800,377	376,799,648	4,464,080,264
3,706,047	3,808,156	3,282,056	3,057,131	2,933,152	2,900,615	41,222,978
—	—	—	—	—	—	—
30,240,489	30,331,615	28,529,237	29,361,883	28,178,592	28,494,767	350,954,366
1,658,144	1,579,053	1,510,230	1,512,145	1,402,799	1,444,332	16,707,116
184,257,735	184,999,724	174,613,793	179,132,062	172,601,040	179,210,334	2,118,818,531
—	—	—	—	—	—	—
—	—	—	—	—	—	—
3,095,004	3,131,119	3,082,808	3,162,751	2,996,811	3,005,295	35,402,203
2,668,374	2,628,777	2,519,674	2,609,292	2,583,257	2,656,207	31,231,769
57,605,725	56,830,803	54,107,362	54,897,296	51,303,821	53,738,285	654,491,236
292,653,597	293,713,661	279,034,923	286,539,249	275,110,086	283,163,998	3,372,638,120
—	—	—	—	—	—	—
9,125,115	9,957,596	9,396,916	9,691,283	8,979,575	8,804,769	107,564,556
694,809,691	696,512,732	675,898,935	706,828,301	694,922,218	726,159,654	8,400,876,145
3,274,557	3,228,643	3,124,090	3,169,226	3,009,412	3,111,308	37,671,222
5,573,405	5,582,268	5,412,438	5,492,694	5,312,127	5,429,531	65,903,806
2,346,989,548	2,353,323,847	2,257,746,995	2,342,725,340	2,273,454,588	2,353,924,007	27,671,178,516
—	—	—	—	—	—	—
—	—	—	—	—	—	—
175,331,654	172,480,039	165,171,326	170,702,831	168,149,748	172,000,469	2,079,627,847
269,630,067	265,813,560	259,712,156	264,080,553	252,823,823	260,339,043	3,157,001,265
9,864,588	9,679,093	10,407,040	9,890,974	9,421,632	9,579,043	123,937,574
—	—	—	—	—	—	—
4,653,618	5,567,103	5,248,091	5,333,095	5,133,422	4,822,926	59,751,286
466,394,898	460,557,396	447,420,422	457,061,503	442,379,040	453,940,682	5,512,213,807
2,813,384,446	2,813,881,243	2,705,167,417	2,799,786,843	2,715,833,628	2,807,864,689	33,183,392,323

LIVESTOCK AND DAIRY

BEE COLONIES, HONEY PRODUCTION AND VALUE, 1992–2001					
Year	Bee Colonies 1,000	Yield Per Colony Pounds	Production 1,000 Pounds	Average Price Per Pound Cents	Total Value \$1,000
1992	490	67	32,830	52	17,072
1993	500	90	45,000	50	22,500
1994	400	60	24,000	51	12,240
1995	420	93	39,060	63	24,608
1996	390	70	27,300	84	22,932
1997	420	75	31,500	70	22,050
1998	450	83	37,350	62	23,157
1999	505	60	30,300	55	16,665
2000	440	70	30,800	59	18,172
2001	425	65	27,625	67	18,509

BEEF COW OPERATIONS AND INVENTORY, 1992–2001						
Year	1–99 Head		100–499 Head ¹		500+ Head	
	Operations	Inventory	Operations	Inventory	Operations	Inventory
	<i>Percent of Total</i>					
1992	86.7	25.0	13.3	75.0	—	—
1993	86.0	24.0	12.0	43.0	2.0	33.0
1994	86.0	24.0	12.0	44.0	2.0	32.0
1995	86.3	24.0	11.9	44.0	1.9	32.0
1996	86.0	24.0	12.0	43.0	2.0	33.0
1997	85.8	24.0	12.2	42.0	2.0	34.0
1998	85.5	23.0	12.4	43.0	2.1	34.0
1999	85.3	22.0	12.6	43.0	2.1	35.0
2000	85.2	21.0	12.7	44.0	2.1	35.0
2001	84.9	21.0	12.9	45.0	2.2	34.0

¹ Starting in 1993, the 100+ Head class was broken out into 100-499 Head and 500+ Head classes.

CATTLE OPERATIONS AND INVENTORY, 1992–2001								
Year	1–99 Head		100–499 Head		500–999 Head ¹		1,000+ Head	
	Operation	Inventory	Operation	Inventory	Operation	Inventory	Operation	Inventory
	<i>Percent of Total</i>							
1992	76.5	6.7	14.6	19.3	8.9	74.0	—	—
1993	76.8	6.5	14.0	18.5	4.8	19.0	4.4	56.0
1994	75.8	6.0	14.6	18.0	5.0	19.0	4.6	57.0
1995	75.6	6.0	14.8	18.0	5.2	20.0	4.4	56.0
1996	75.0	6.0	15.4	19.0	5.0	19.0	4.6	56.0
1997	75.8	6.5	14.6	17.5	4.6	16.0	5.0	60.0
1998	75.2	6.0	14.8	16.0	4.8	17.0	5.2	61.0
1999	75.2	6.0	14.8	16.0	4.8	17.0	5.2	61.0
2000	75.0	6.0	14.5	15.0	5.0	16.0	5.5	63.0
2001	75.0	6.0	14.5	15.0	5.0	15.0	5.5	64.0

¹ Starting in 1993, the 500+ Head class was broken out into 500-999 Head and 1,000+ Head classes.

CATTLE AND CALVES AVERAGE PRICES RECEIVED, 1992–2001

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
<i>Dollars Per Cwt.</i>													
All Beef Cattle ¹													
1992	57.70	60.90	58.70	56.90	58.50	59.80	58.10	61.00	61.30	59.40	59.70	56.10	59.10
1993	66.50	66.10	65.50	66.00	66.00	67.70	65.80	65.10	63.60	61.60	61.80	62.10	64.80
1994	64.00	65.90	64.50	59.40	58.80	56.80	55.30	56.00	52.20	50.50	51.30	51.40	57.40
1995	54.10	55.00	52.00	48.40	47.90	48.40	45.80	46.30	43.50	42.20	41.00	42.20	47.00
1996	42.20	41.20	40.90	38.20	38.20	41.80	43.60	45.10	44.50	43.80	43.60	44.10	42.40
1997	43.30	46.30	48.90	49.00	51.90	50.30	49.50	51.30	49.10	48.90	49.30	47.70	48.80
1998	48.40	48.50	49.80	50.30	51.20	49.90	47.00	47.20	45.80	46.00	46.00	44.50	47.80
1999	45.80	47.20	48.60	48.50	48.80	49.70	49.20	49.70	48.60	48.30	48.40	48.50	49.00
2000	48.10	48.90	49.50	52.50	52.00	51.80	51.10	50.80	48.10	48.10	49.40	50.80	50.00
2001	54.10	55.90	58.10	58.20	56.90	57.10	55.50	55.20	51.20	49.80	47.90	47.40	53.80
Beef Steers and Heifers ²													
1992	75.60	77.90	73.50	70.80	71.30	72.90	74.20	75.20	75.10	75.70	77.10	77.70	74.50
1993	81.00	79.00	79.20	78.70	79.40	83.00	81.00	79.50	79.00	78.50	76.50	78.50	79.40
1994	80.00	79.80	78.30	71.50	69.70	68.00	66.70	66.20	62.60	61.50	63.20	64.30	69.20
1995	68.80	66.20	62.30	57.90	57.20	57.30	55.00	54.60	51.80	51.00	51.50	53.00	57.00
1996	52.00	49.50	49.50	46.00	44.50	51.00	53.00	55.00	56.00	56.00	57.00	58.00	52.50
1997	58.50	61.00	63.00	62.00	64.00	62.50	61.50	64.00	64.00	64.50	66.00	64.50	63.10
1998	65.00	63.50	64.00	64.00	64.00	62.00	60.00	59.00	58.00	60.00	61.00	60.00	61.50
1999	61.50	62.50	64.00	63.00	62.50	64.50	63.00	64.00	64.50	67.00	68.00	67.00	64.30
2000	67.00	67.50	69.00	72.00	71.00	70.00	68.50	67.00	67.00	70.00	73.00	76.00	69.80
2001	78.00	78.00	79.50	79.50	77.00	76.00	73.00	72.00	71.00	69.00	66.50	66.00	74.10
Beef Cows ³													
1992	46.70	47.10	46.30	46.40	45.10	46.70	45.80	46.60	44.30	43.70	44.70	44.50	45.70
1993	46.20	46.90	46.50	46.70	46.00	46.50	46.40	45.20	44.30	43.30	43.50	42.50	45.40
1994	43.70	46.00	45.40	44.60	43.10	40.00	40.30	41.30	38.50	36.40	34.80	35.00	41.10
1995	35.50	38.80	37.80	35.80	33.90	35.50	33.70	34.40	32.40	31.00	27.00	29.00	33.50
1996	31.50	31.50	30.00	29.00	29.50	29.50	32.00	33.00	31.00	30.00	29.00	29.00	30.40
1997	28.00	31.00	33.00	35.00	36.50	34.00	36.00	37.00	33.00	32.00	32.00	31.50	33.10
1998	32.50	33.50	34.50	35.50	35.50	34.50	33.00	34.50	33.50	30.00	29.50	30.30	32.90
1999	33.50	34.60	35.40	35.70	36.20	35.50	36.50	36.00	34.50	33.00	33.00	34.00	34.80
2000	35.50	36.50	36.50	36.50	37.00	37.50	37.50	37.50	35.00	33.50	35.00	34.00	35.90
2001	37.50	40.50	42.00	41.50	40.50	41.00	40.00	42.00	38.50	37.00	35.50	35.00	38.90
Calves ⁴													
1992	87.10	89.70	95.70	91.00	90.40	85.30	87.10	83.80	81.80	89.00	92.60	92.10	89.30
1993	93.60	92.70	98.30	97.30	95.50	95.80	92.70	91.50	91.00	93.00	94.00	93.00	94.30
1994	94.70	95.50	97.10	89.10	86.90	80.00	79.00	80.00	75.80	73.90	76.20	78.70	85.60
1995	81.50	82.20	78.50	72.20	71.50	71.00	66.90	64.30	62.60	62.50	61.00	63.00	69.40
1996	62.50	59.00	61.00	54.00	51.00	51.00	53.00	56.00	55.00	54.00	55.00	56.00	55.70
1997	59.00	65.00	68.00	67.00	71.00	69.00	71.00	71.00	71.00	70.00	67.00	69.00	68.10
1998	72.00	74.00	73.00	75.00	73.50	70.00	68.00	68.00	63.50	70.00	72.50	73.30	70.90
1999	77.50	81.00	79.00	76.00	74.00	75.50	76.00	76.50	81.50	80.00	83.50	87.50	79.10
2000	91.00	96.00	97.50	94.50	92.00	90.50	93.00	90.50	91.50	93.00	95.00	93.00	93.00
2001	98.00	95.50	98.00	99.50	95.00	91.00	94.00	94.00	90.00	89.00	90.00	94.00	94.10

¹ Steers and heifers over 500 pounds (including fed cattle) and slaughter cows.

² Steers and heifers (all qualities) over 500 pounds (including fed cattle).

³ Beef cows and cull dairy cows sold for slaughter.

⁴ Steers and heifers (all qualities) under 500 pounds.

CATTLE AND CALVES MARKETED FROM FEEDLOTS, 1992–2001

Year	January–March	April–June	July–September	October–December	Annual Total
<i>1,000 Head</i>					
1992	180	165	140	155	640
1993	165	150	135	135	585
1994	130	150	145	155	580
1995	150	160	150	135	595
1996	145	140	135	145	565
1997	135	150	140	145	570
1998	140	125	145	160	570
1999	145	150	153	142	590
2000	153	154	151	150	608
2001	161	151	149	145	606

LIVESTOCK AND DAIRY

CATTLE AND CALVES SLAUGHTERED UNDER FEDERAL AND STATE INSPECTIONS, 1992-2001													
Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total ¹
	<i>1,000 Head</i>												
Cattle													
1992	87	71	77	72	71	80	75	70	74	77	68	77	899
1993	73	67	72	72	70	75	74	72	70	71	71	71	857
1994	70	62	73	69	74	80	74	80	75	79	83	82	901
1995	82	72	82	72	79	89	80	89	82	89	88	81	985
1996	88	77	78	81	87	84	85	87	81	94	87	88	1,017
1997	95	75	82	86	84	83	88	84	84	93	81	95	1,030
1998	90	79	83	84	80	86	86	87	88	88	83	87	1,019
1999	81	74	86	82	79	86	81	85	83	86	86	87	997
2000	83	81	92	75	86	89	81	92	87	94	93	86	1,038
2001	92	77	89	82	89	91	89	96	85	99	90	83	1,062
Calves													
1992	8	7	7	6	6	7	7	8	7	7	7	8	83
1993	8	7	7	6	5	5	6	6	5	5	5	6	70
1994	6	5	6	6	7	8	9	9	8	13	15	14	106
1995	16	12	14	14	21	21	19	19	16	13	15	18	196
1996	21	24	24	23	25	24	27	25	21	20	17	18	269
1997	22	17	16	15	12	15	17	17	17	15	15	20	200
1998	19	17	16	14	12	15	22	19	16	14	13	16	191
1999	15	14	16	11	10	13	16	17	16	13	11	12	164
2000	12	11	12	8	10	11	10	11	10	10	9	8	121
2001	9	8	8	8	8	8	9	10	9	10	10	9	105

¹ Totals may not equal sum of parts due to rounding.

AVERAGE LIVE WEIGHTS OF CATTLE AND CALVES SLAUGHTERED UNDER FEDERAL AND STATE INSPECTIONS, 1992-2001													
Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	<i>Pounds</i>												
Cattle													
1992	1,260	1,253	1,244	1,236	1,234	1,232	1,228	1,224	1,234	1,243	1,251	1,251	1,241
1993	1,222	1,206	1,211	1,210	1,223	1,210	1,213	1,219	1,238	1,253	1,247	1,245	1,225
1994	1,264	1,261	1,232	1,245	1,235	1,213	1,215	1,213	1,206	1,224	1,223	1,236	1,230
1995	1,231	1,222	1,207	1,228	1,240	1,237	1,226	1,223	1,232	1,243	1,233	1,229	1,229
1996	1,244	1,240	1,233	1,224	1,225	1,224	1,229	1,200	1,219	1,219	1,222	1,224	1,225
1997	1,224	1,203	1,244	1,238	1,240	1,235	1,245	1,244	1,253	1,263	1,264	1,243	1,242
1998	1,245	1,243	1,217	1,224	1,240	1,248	1,237	1,237	1,245	1,250	1,275	1,267	1,244
1999	1,292	1,271	1,275	1,259	1,246	1,241	1,231	1,248	1,250	1,251	1,261	1,251	1,256
2000	1,257	1,237	1,230	1,238	1,244	1,240	1,233	1,233	1,247	1,244	1,231	1,264	1,241
2001	1,269	1,259	1,249	1,269	1,266	1,238	1,257	1,262	1,270	1,279	1,313	1,303	1,269
Calves													
1992	282	274	285	280	289	271	295	297	298	317	326	334	296
1993	314	334	345	345	342	351	369	351	335	362	377	360	349
1994	366	373	370	368	377	360	352	344	367	347	314	352	352
1995	400	320	377	332	296	290	322	326	338	338	370	364	337
1996	363	348	359	367	357	362	357	350	321	330	328	321	348
1997	324	334	351	349	352	374	356	350	346	352	336	256	338
1998	248	240	148	113	115	119	115	119	121	122	131	128	146
1999	123	126	135	149	149	162	134	130	136	146	163	155	141
2000	166	154	153	160	192	179	164	149	152	156	160	153	162
2001	153	157	157	157	149	156	160	159	157	185	173	180	162

CATTLE BY CLASS AS OF JANUARY 1, 1993–2002

Year	Cows That Have Calved			Heifers 500+ Lbs.			Other Cattle			
	Beef	Dairy	All	Cow Replacements		Other Heifers	Calves Under 500 Lbs.	Bulls 500+ Lbs.	Steers 500+ Lbs.	All Cattle and Calves
				Beef	Milk					
				1,000 Head						
1993	840	1,200	2,040	140	560	190	930	70	670	4,600
1994	860	1,230	2,090	155	610	170	980	75	670	4,750
1995	850	1,270	2,120	155	630	170	970	75	680	4,800
1996	840	1,320	2,160	150	650	180	980	70	660	4,850
1997	820	1,380	2,200	150	660	170	980	70	670	4,900
1998	820	1,400	2,220	145	670	165	990	65	645	4,900
1999	810	1,440	2,250	145	720	190	1,060	70	665	5,100
2000	790	1,490	2,280	145	720	175	1,050	70	660	5,100
2001	780	1,560	2,340	140	750	170	1,050	70	630	5,150
2002	760	1,620	2,380	135	770	170	1,040	65	640	5,200

CATTLE INVENTORY, SUPPLY AND DISPOSITION, 1992–2001

Year	Beginning Inventory January 1	Calf Crop	Inshipments	Marketings ¹		Farm Slaughter Cattle and Calves ²	Deaths		Ending Inventory January 1
				Cattle	Calves		Cattle	Calves	
1992	4,550	1,720	630	1,930	150	20	75	125	4,600
1993	4,600	1,750	700	1,889	162	19	75	155	4,750
1994	4,750	1,800	700	2,040	172	19	80	139	4,800
1995	4,800	1,820	800	2,106	212	20	95	137	4,850
1996	4,850	1,860	820	2,064	312	20	90	144	4,900
1997	4,900	1,880	785	2,167	261	22	90	125	4,900
1998	4,900	1,920	600	1,855	201	19	95	150	5,100
1999	5,100	1,950	700	2,119	282	19	85	145	5,100
2000	5,100	1,980	700	2,013	362	15	90	150	5,150
2001	5,150	1,990	750	2,054	387	14	90	145	5,200

¹ Includes custom slaughter for use on farms where produced, but excludes inter-farm sales.² Excludes custom slaughter for farmers at commercial establishments.

LIVESTOCK AND DAIRY

MANUFACTURED DAIRY PRODUCTS, 1997–2001					
Commodity	1997	1998	1999	2000	2001 ¹
Butter	314,207	312,749	<i>1,000 Pounds</i> 343,389	360,013	341,101
All Cheese Total²	1,174,171	1,243,062	1,387,582	1,496,653	1,619,391
American Cheese Total	476,102	505,935	597,048	641,662	720,311
Cheddar	351,001	368,327	427,517	461,691	538,950
Monterey, Jack and Other	125,101	137,608	169,531	179,971	181,361
Italian Cheese Total	624,732	656,163	698,563	725,572	782,560
Mozzarella	519,443	555,126	619,470	634,006	680,944
Other Italian	105,289	101,037	79,093	91,566	101,616
Hispanic Cheese	N/A	50,313	58,388	65,252	64,508
All Other Cheese	9,281	8,977	11,314	37,781	21,977
Creamed and Low Fat Cottage Cheese Total	95,947	98,938	101,647	100,769	98,910
Creamed	32,190	33,247	34,065	33,496	31,690
Low Fat ³	63,757	65,691	67,582	67,273	67,220
Curd Cottage Cheese Total	52,993	54,206	53,520	48,684	40,257
Yogurt, Plain and Flavored	189,561	200,363	238,110	257,211	259,861
Milk, Nonfat Dry for Human Consumption	548,512	507,135	652,040	692,954	694,481
Milk, Unsweetened Condensed Skim	499,447	547,715	648,213	522,391	468,731
Ice Cream⁴	116,151	116,192	<i>1,000 Gallons</i> 139,692	137,534	145,128
Low Fat Ice Cream Total⁵	39,014	42,979	35,684	31,355	35,224
Hard	13,869	10,297	6,603	8,038	4,700
Soft	25,145	32,682	29,081	23,317	30,524
Milk Sherbet	7,202	7,264	8,323	7,299	7,390
Water Ices	6,685	4,392	3,993	5,011	3,092

¹ Preliminary 2001 data.
² Excludes processed cheese, Hispanic cheese, cottage cheese and other cheeses not broken out separately.
³ Includes low fat and nonfat cottage cheese.
⁴ Includes nonfat ice cream.
⁵ Previously referred to as Ice Milk.

MILK COW AVERAGE PRICES RECEIVED, 1992–2001 ¹					
Year	January	April	July	October	Annual Average
	<i>Dollars Per Head</i>				
1992	1,260	1,280	1,320	1,310	1,290
1993	1,270	1,320	1,320	1,330	1,310
1994	1,340	1,320	1,230	1,290	1,300
1995	1,270	1,230	1,230	1,190	1,230
1996	1,190	1,190	1,230	1,280	1,220
1997	1,230	1,250	1,240	1,240	1,240
1998	1,220	1,260	1,290	1,310	1,270
1999	1,340	1,340	1,360	1,470	1,380
2000	1,480	1,500	1,500	1,480	1,490
2001	1,480	1,480	1,650	1,850	1,620

¹ For dairy herd replacement.

MILK COWS CALVED, MILK PRODUCTION AND VALUE, 1992–2001

Year	Milk Cows and Heifers Calved		Production Per Milk Cow		Production on Farms		Value Per Cwt. Dollars	Total Value ¹ \$1,000
	January 1 1,000 Head	Annual Average 1,000 Head	Milk Pounds	Milk Fat Pounds	Milk Million Pounds	Milk Fat Million Pounds		
1992	1,160	1,180	18,722	685	22,092	809	11.84	2,609,666
1993	1,200	1,216	18,852	690	22,924	839	11.63	2,663,516
1994	1,230	1,249	20,203	737	25,234	921	11.97	3,016,105
1995	1,270	1,294	19,573	712	25,327	922	12.18	3,080,084
1996	1,320	1,349	19,161	701	25,848	946	14.39	3,714,624
1997	1,380	1,391	19,829	722	27,582	1,004	13.17	3,629,762
1998	1,400	1,420	19,475	715	27,654	1,015	15.01	4,140,659
1999	1,440	1,466	20,777	760	30,459	1,115	13.45	4,090,952
2000	1,490	1,526	21,149	778	32,273	1,188	11.50	3,707,255
2001	1,560	1,590	20,913	772	33,251	1,227	13.94	4,630,171

¹ Milk valued at averaged returns per 100 pounds in combined marketings of milk and cream. Includes value of milk fed to calves.

MILK COW OPERATIONS AND INVENTORY, 1992–2001

Year	1–49 Head		50–99 Head		100–199 Head ¹		200+ Head ²		200–499 Head		500+ Head	
	Operation	Inventory	Operation	Inventory	Operation	Inventory	Operation	Inventory	Operation	Inventory	Operation	Inventory
1992	40.9	0.6	6.7	1.7	52.4	97.7	—	—	—	—	—	—
1993	43.0	0.6	4.5	1.1	7.5	3.3	45.0	95.0	—	—	—	—
1994	36.7	0.6	4.4	1.0	8.9	3.4	50.0	95.0	—	—	—	—
1995	31.5	0.4	4.5	0.9	9.4	3.7	54.6	95.0	—	—	—	—
1996	23.1	0.4	4.5	0.8	10.3	3.8	62.1	95.0	—	—	—	—
1997	21.1	0.4	4.3	0.7	10.3	3.4	64.0	95.5	26.8	16.5	37.5	79.0
1998	18.9	0.4	4.1	0.7	10.0	3.4	67.0	95.5	27.8	17.5	39.3	78.0
1999	17.3	0.3	2.7	0.4	9.6	3.3	70.4	96.0	28.1	17.0	42.3	79.0
2000	14.8	0.3	2.8	0.3	9.2	2.9	73.2	96.5	29.2	16.5	44.0	80.0
2001	14.8	0.3	3.2	0.3	10.0	2.4	72.0	97.0	28.0	15.0	44.0	82.0

¹ Starting in 1993, the 100+ Head class was broken out into 100–199 Head and 200+ Head classes.

² Starting in 1997, the 200+ Head class was broken out into 200+ Head, 200–499 Head, and 500+ Head classes.

LIVESTOCK AND DAIRY

GRAZING FEE ANNUAL AVERAGE RATES, 1992–2001 ¹				
Year	Per Animal Unit ²	Dollars Per Month		Per Head
			Cow-Calf	
1992	10.09		13.29	12.09
1993	10.40		13.30	11.20
1994	11.00		13.10	11.80
1995	10.50		12.80	11.10
1996	10.10		12.20	11.90
1997	10.60		13.00	12.00
1998	11.50		14.50	12.90
1999	12.10		15.00	12.50
2000	12.30		15.50	12.70
2001	13.00		16.00	13.50

¹ The average rates are estimates (rates over \$10.00 are rounded to the nearest dime) based on survey indications of monthly lease rates for private, non-irrigated grazing land from the January Agricultural Survey.
² Includes animal unit plus cow-calf rates. Cow-calf rate converted to animal unit (AUM) using (1 aum=cow-calf *0.833).

HENS AND PULLETS OF LAYING AGE (HPLA) AND EGG PRODUCTION, 2000–2001									
Month	Average Number of HPLA			Average Number of Eggs Per 100 Layers			Total Egg Production		
	2000 1,000	2001 1,000	2001/2000 Percent	2000 Number	2001 Number	2001/2000 Percent	2000 Millions	2001 Millions	2001/2000 Percent
December ¹	24,931	23,826	96	2,250	2,187	97	561	521	93
January	24,517	23,532	96	2,219	2,129	96	544	501	92
February	24,343	23,679	98	2,054	1,892	92	500	448	90
March	24,243	23,301	96	2,252	2,159	96	546	503	92
April	23,973	23,405	98	2,152	2,098	97	516	491	95
May	23,729	23,637	100	2,170	2,141	99	515	506	98
June	23,735	23,266	98	2,111	2,115	100	501	492	98
July	23,661	23,114	98	2,210	2,185	99	523	505	97
August	23,624	22,906	97	2,243	2,196	98	530	503	95
September	23,812	23,135	97	2,150	2,122	99	512	491	96
October	23,960	23,656	99	2,199	2,198	100	527	520	99
November	24,148	23,745	98	2,145	2,169	101	518	515	99
Average/Total	24,056	23,434	97	2,180	2,133	98	6,293	5,996	95

¹ December of previous year.

BROILER PRODUCTION AND VALUE, 1992–2001 ¹					
Year	Broilers	Average Live Weight	Meat Produced	Value Per Pound ²	Total Value ³
	1,000 Head	Pounds	1,000 Pounds	Cents	\$1,000
1992	233,000	5.1	1,188,300	29.5	350,549
1993	216,000	5.1	1,101,600	32.0	352,512
1994	226,200	5.0	1,131,000	33.0	373,230
1995	235,800	5.0	1,179,000	32.5	383,175
1996	234,200	5.0	1,171,000	39.0	456,690
1997	237,300	5.0	1,210,200	39.0	471,978
1998	—	—	—	—	—
1999	—	—	—	—	—
2000	—	—	—	—	—
2001	—	—	—	—	—

¹ Data not published in 1998, 1999, 2000 and 2001 to avoid disclosure of individual operations.
² Live weight equivalent price.
³ Gross income including home consumption.

EGG PRODUCTION AND VALUE, 1992–2001

Year	Eggs Millions	Value Per Dozen Cents	Total Value \$1,000
1992	7,224	47.6	286,552
1993	7,029	49.1	287,603
1994	6,602	46.4	255,277
1995	6,444	53.7	288,869
1996	6,569	67.1	367,317
1997	6,663	62.1	344,810
1998	6,608	56.1	308,924
1999	6,606	47.9	263,690
2000	6,293	45.3	237,561
2001	5,996	47.2	235,843

TURKEY PRODUCTION AND VALUE, 1992–2001

Year	Turkeys 1,000 Head	Meat Produced ¹ 1,000 Pounds	Value Per Pound ² Cents	Total Value \$1,000
1992	24,000	508,800	39.0	198,432
1993	22,500	486,000	43.0	208,980
1994	21,000	449,400	43.0	193,242
1995	22,000	462,000	46.0	212,520
1996	22,500	492,750	45.0	221,738
1997	21,000	480,900	42.0	201,978
1998	19,000	442,700	41.0	181,507
1999	17,500	428,750	45.0	192,938
2000	18,000	439,200	48.0	210,816
2001	18,700	450,670	47.0	211,815

¹ Includes home consumption.² Live weight equivalent price.

HOGS AND PIGS BY CLASS AS OF DECEMBER 1, 1992–2001

Year	Hogs and Pigs		Market Hogs				Total
	All	Breeding	Under 60 Pounds 1,000 Head	60–119 Pounds	120–179 Pounds	180 Pounds and Over	
1992	265	37	82	58	45	43	228
1993	260	33	74	60	49	44	227
1994	255	32	70	65	45	43	223
1995	240	31	65	58	44	42	209
1996	210	27	57	51	40	35	183
1997	210	27	60	45	45	33	183
1998	210	27	70	50	40	23	183
1999	190	25	55	50	35	25	165
2000	150	20	32	43	45	10	130
2001	110	20	32	28	14	16	90

LIVESTOCK AND DAIRY

SOWS FARROWED AND PIG CROP, 1992–2001			
Year	December – November		Pigs Per Litter Number
	Sows Farrowed 1,000 Head	Pig Crop 1,000 Head	
1992	53	444	8.4
1993	58	484	8.3
1994	53	463	8.7
1995	48	422	8.8
1996	42	390	9.3
1997	45	416	9.2
1998	44	404	9.2
1999	43	399	9.3
2000	40	371	9.3
2001	27	239	8.9

HOGS AND PIGS INVENTORY, SUPPLY AND DISPOSITION, 1992–2001							
Year	Beginning Inventory December 1 (Previous Year)	Pig Crop (Dec.–Nov.)	Inshipments ¹	Marketings ²	Farm Slaughter ³	Deaths	Ending Inventory December 1
<i>1,000 Head</i>							
1992	215	423	55	398	15	30	265
1993	265	484	40	472	25	32	260
1994	260	463	40	448	21	39	255
1995	255	422	40	413	24	40	240
1996	240	390	30	383	22	45	210
1997	210	416	51	400	15	52	210
1998	210	404	40	377	12	55	210
1999	210	399	40	391	8	60	190
2000	190	371	45	374	7	75	150
2001	150	239	45	288	6	30	110

¹ For feeding or breeding, excludes stock brought in for immediate slaughter.

² Includes custom slaughter for use on farms where produced and state outshipments, but excludes inter-farm sales.

³ Excludes custom slaughter for farmers at commercial establishments.

HOGS AND PIGS SLAUGHTERED UNDER FEDERAL AND STATE INSPECTIONS, 1992–2001													
Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total ¹
<i>1,000 Head</i>													
1992	169	145	166	157	151	160	158	152	160	167	141	161	1,888
1993	145	141	151	150	145	163	155	162	160	165	155	163	1,856
1994	163	160	159	156	151	164	146	166	168	158	156	177	1,924
1995	169	141	176	152	177	164	155	175	157	164	163	171	1,964
1996	176	168	165	171	165	151	164	173	162	182	158	183	2,017
1997	172	152	160	159	155	154	160	156	161	171	149	190	1,937
1998	183	155	169	173	170	180	188	190	207	204	189	205	2,212
1999	208	188	203	204	193	190	191	192	199	193	188	202	2,350
2000	193	180	202	175	195	189	173	201	183	205	186	195	2,278
2001	205	172	196	186	191	179	182	205	184	219	218	231	2,367

¹ Totals may not equal sum of parts due to rounding.

AVERAGE LIVE WEIGHTS OF HOGS AND PIGS SLAUGHTERED UNDER FEDERAL AND STATE INSPECTIONS, 1992–2001

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1992	229	221	227	232	223	226	220	221	221	225	228	220	224
1993	222	229	223	222	228	224	226	221	221	224	225	223	224
1994	223	222	219	227	221	227	217	217	216	224	224	229	222
1995	225	224	235	238	241	231	224	223	215	219	224	218	227
1996	219	216	217	216	217	214	215	213	212	216	216	214	215
1997	212	212	214	214	216	211	208	206	209	212	216	212	212
1998	210	215	215	210	213	208	208	207	211	211	213	210	211
1999	216	212	214	217	215	212	213	210	208	214	216	218	214
2000	219	213	219	217	218	215	213	216	218	223	222	220	218
2001	217	220	223	224	221	221	222	222	223	228	229	230	224

SHEEP AND LAMBS BY CLASS AS OF JANUARY 1, 1993–2002

Year	All Sheep ¹	Sheep and Lambs On Feed for Market ¹	Stock Sheep			Total
			Ewes 1 Yr. +	Replacement Lambs	Wethers and Rams 1 Yr. +	
1,000 Head						
1993	895	305	450	117	23	590
1994	1,080	600	400	65	15	480
1995	1,020	520	430	55	15	500
1996	920	495	355	55	15	425
1997	880	455	360	50	15	425
1998	800	410	345	35	10	390
1999	810	420	330	45	15	390
2000	800	420	320	45	15	380
2001	840	465	320	40	15	375
2002	800	430	310	45	15	370

¹ Beginning in 1994, totals include new crop lambs.

SHEEP AND LAMBS SHORN, WOOL PRODUCTION AND VALUE, 1992–2001

Year	Sheep and Lambs Shorn 1,000 Head	Production		Value Per Pound Dollars	Total Value \$1,000
		Per Animal Pounds	Total 1,000 Pounds		
1992	880	7.7	6,780	0.67	4,543
1993	800	7.6	6,044	0.46	2,780
1994	695	7.7	5,318	0.65	3,457
1995	690	7.6	5,250	1.02	5,355
1996	580	7.6	4,380	0.67	2,935
1997	470	8.1	3,800	0.79	3,002
1998	480	7.5	3,600	0.61	2,196
1999	480	7.6	3,630	0.35	1,271
2000	530	7.5	4,000	0.29	1,160
2001	510	7.4	3,750	0.35	1,313

LIVESTOCK AND DAIRY

SHEEP AND LAMBS INVENTORY, SUPPLY AND DISPOSITION, 1992–2001									
Year	Beginning Inventory January 1 ¹	Lamb Crop	Inshipments	Marketings ²		Farm Slaughter Sheep and Lambs	Deaths		Ending Inventory January 1 ¹
				Sheep	Lambs		Sheep	Lambs	
<i>1,000 Head</i>									
1992	995	530	285	217	624	8	34	32	895
1993	895	370	469	139	718	5	25	27	1,080
1994	1,080	400	320	50	676	6	24	24	1,020
1995	1,020	330	375	120	634	5	29	17	920
1996	920	330	435	40	722	5	24	14	880
1997	880	320	365	57	667	5	22	14	800
1998	800	310	313	51	521	5	23	13	810
1999	810	290	360	56	564	5	23	12	800
2000	800	310	355	45	542	5	19	14	840
2001	840	290	305	47	553	5	17	13	800

¹ Beginning in 1994, totals include new crop lambs.

² Includes custom slaughter for use on farms where produced, but excludes inter-farm sales.

SHEEP AND LAMBS AVERAGE PRICES RECEIVED, 1992–2001													
Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average ¹
													Dollars Per Cwt.
Sheep													
1992	27.00	26.60	29.20	27.30	20.40	19.70	20.70	20.90	21.60	22.80	28.00	30.60	22.50
1993	30.00	31.10	32.00	29.00	26.00	24.50	24.00	26.00	25.00	23.00	24.00	27.50	25.80
1994	32.20	32.70	31.50	29.10	27.10	29.10	24.30	30.80	29.00	27.70	26.70	35.80	29.10
1995	29.90	34.70	28.60	26.10	22.40	24.00	25.10	24.00	24.00	23.70	22.00	27.00	24.80
1996	30.00	31.00	29.00	27.00	25.00	24.50	26.50	27.50	24.50	28.50	28.50	34.00	26.70
1997	35.00	37.00	37.00	37.00	30.00	33.00	32.00	36.00	30.00	34.00	35.00	37.00	33.80
1998	35.50	33.00	36.50	35.50	30.00	32.00	29.00	29.00	27.50	26.50	25.50	28.50	30.50
1999	28.50	30.00	33.00	31.50	29.00	24.50	26.00	29.50	28.00	27.00	27.00	33.50	28.70
2000	30.00	31.50	37.50	36.00	31.50	28.00	31.00	31.50	28.50	30.50	31.50	34.00	31.50
2001	40.50	38.00	39.50	31.50	31.00	26.50	29.50	31.50	28.50	26.50	24.00	31.50	30.20
Lambs													
1992	56.40	58.40	64.10	71.80	72.00	66.20	65.70	57.20	59.40	57.20	59.50	65.40	62.90
1993	65.10	71.70	74.50	71.00	66.00	62.00	60.00	59.00	63.00	62.50	64.50	65.50	65.70
1994	60.90	58.80	58.30	55.30	54.40	61.90	71.50	76.00	74.80	73.80	72.70	76.70	65.60
1995	69.60	71.00	76.70	77.00	78.70	84.00	86.00	86.50	83.00	80.00	78.00	78.50	79.20
1996	79.50	84.00	85.50	86.00	89.00	98.00	100.00	94.00	90.00	90.00	84.00	88.00	89.40
1997	92.00	98.00	99.00	97.00	94.00	91.00	87.00	90.00	89.00	86.50	84.50	85.00	91.60
1998	81.50	78.00	71.00	69.00	63.00	90.00	84.00	79.00	78.00	71.00	64.00	66.00	74.80
1999	68.00	68.50	66.00	68.00	83.00	81.00	75.50	80.00	77.50	73.00	74.00	77.00	74.80
2000	72.00	72.00	80.00	81.00	91.00	90.00	87.00	83.00	79.00	75.00	70.00	68.00	79.10
2001	69.00	78.00	80.00	78.00	76.50	72.00	68.00	60.00	56.00	51.50	50.00	57.00	67.30

¹ Average weighted by amount sold each month.

LIVESTOCK PRODUCTION AND INCOME, 1992–2001								
Year	Production ¹	Marketings ²	Average Price Per 100 Pounds		Value of Production	Cash Receipts ^{3, 4}	Value of Home Consumption	Gross Income
	1,000 Pounds	1,000 Pounds	Dollars	Dollars	\$1,000	\$1,000	\$1,000	\$1,000
All Livestock								
1992	2,071,286	2,601,468	—	—	1,224,197	1,532,069	19,387	1,551,456
1993	2,024,599	2,586,056	—	—	1,244,511	1,671,059	15,642	1,686,701
1994	1,943,849	2,539,514	—	—	1,061,164	1,468,824	13,820	1,482,644
1995	1,918,670	2,622,058	—	—	851,750	1,262,481	12,723	1,275,204
1996	1,872,910	2,588,462	—	—	762,188	1,158,997	11,067	1,170,064
1997	2,075,249	2,728,265	—	—	988,026	1,385,084	12,803	1,397,887
1998	1,974,094	2,323,708	—	—	912,615	1,127,393	11,266	1,138,659
1999	2,097,648	2,617,115	—	—	922,975	1,308,778	11,798	1,320,576
2000	2,045,587	2,516,273	—	—	900,474	1,311,939	10,341	1,322,280
2001	2,075,573	2,580,790	—	—	981,334	1,432,337	10,861	1,443,198
Cattle and Calves								
			Cattle	Calves				
1992	1,908,900	2,409,800	59.10	89.30	1,142,883	1,437,117	16,461	1,453,578
1993	1,829,597	2,372,090	64.80	94.30	1,138,047	1,553,634	12,755	1,566,389
1994	1,795,879	2,356,220	57.40	85.60	986,137	1,368,770	11,125	1,379,895
1995	1,775,864	2,436,000	47.00	69.40	777,753	1,159,032	10,050	1,169,082
1996	1,736,019	2,410,790	42.40	55.70	673,737	1,033,513	7,856	1,041,369
1997	1,936,801	2,550,150	48.80	68.10	895,678	1,257,018	10,205	1,267,223
1998	1,849,594	2,171,350	47.80	70.90	851,681	1,048,300	9,509	1,057,809
1999	1,972,129	2,454,890	49.00	79.10	861,952	1,223,123	10,240	1,233,363
2000	1,923,165	2,359,040	50.00	93.00	831,338	1,218,220	8,614	1,226,834
2001	1,969,826	2,437,100	53.80	94.10	924,113	1,351,500	9,224	1,360,724
Sheep and Lambs								
			Sheep	Lambs				
1992	68,420	104,322	22.50	62.90	37,471	53,520	832	54,352
1993	91,777	110,702	25.80	65.70	54,507	65,078	575	65,653
1994	52,725	87,402	29.10	65.60	30,709	54,868	745	55,613
1995	53,813	96,313	24.80	79.20	38,797	67,411	793	68,204
1996	59,076	97,247	26.70	89.40	48,011	83,589	975	84,564
1997	56,292	93,750	33.80	91.60	47,840	81,505	954	82,459
1998	49,167	73,493	30.50	74.80	35,458	51,960	798	52,758
1999	47,254	80,280	28.70	74.80	33,669	56,601	783	57,384
2000	49,807	77,308	31.50	79.10	37,338	58,156	813	58,969
2001	51,640	82,340	30.20	67.30	33,349	52,974	712	53,686
Hogs and Pigs								
			Hogs/ Pigs					
1992	93,966	87,346	47.10	—	43,843	41,432	2,094	43,526
1993	103,225	103,264	50.40	—	51,957	52,347	2,312	54,659
1994	95,245	95,892	46.70	—	44,318	45,186	1,950	47,136
1995	88,993	89,745	39.70	—	35,200	36,038	1,880	37,918
1996	77,815	80,425	52.00	—	40,440	41,895	2,236	44,131
1997	82,156	84,365	54.70	—	44,508	46,561	1,644	48,205
1998	75,333	78,865	34.00	—	25,476	27,133	959	28,092
1999	78,265	81,945	35.10	—	27,354	29,054	775	29,829
2000	72,615	79,925	44.10	—	31,798	35,563	914	36,477
2001	54,107	61,350	44.90	—	23,872	27,863	925	28,788

¹ Live weight: adjustments made for changes in inventory and for inshipments.

² Live weight: excludes custom slaughter for use on farms where produced and inter-farm sales.

³ Receipts from marketing and sale of farm slaughter.

⁴ Hogs and pigs receipts for 1995 and 1996 include allowance for higher average price of state inshipments and outshipments of feeder pigs.

LIVESTOCK INVENTORY BY CLASS AND COUNTY, JANUARY 1, 2001–2002 ¹

County	2001			2002		
	All Cattle	Beef Cows	Milk Cows	All Cattle	Beef Cows	Milk Cows
Del Norte	7,000	1,500	—	6,000	1,000	—
Humboldt	71,000	21,000	16,800	70,000	22,000	16,700
Mendocino	29,500	12,500	—	27,000	12,000	—
District 10 Total	107,500	35,000	16,800	103,000	35,000	16,700
Shasta	46,000	24,000	—	40,000	22,000	—
Siskiyou	67,000	34,000	1,700	63,000	31,000	1,900
Trinity	5,000	3,000	—	4,000	3,000	—
District 20 Total	118,000	61,000	1,700	107,000	56,000	1,900
Lassen	51,000	26,000	—	50,000	25,000	—
Modoc	86,000	42,000	—	86,000	42,000	—
Plumas	15,000	7,000	—	14,000	6,000	—
District 30 Total	152,000	75,000	—	150,000	73,000	—
Alameda	26,000	12,000	—	28,000	12,000	—
Contra Costa	28,000	7,000	3,000	25,000	8,000	3,000
Lake	7,000	3,500	—	6,000	3,000	—
Marin	39,000	8,500	10,000	39,000	9,000	10,000
Monterey	114,000	33,000	2,000	102,000	32,000	2,200
Napa	9,000	4,000	—	8,000	4,000	—
San Benito	43,000	18,500	700	39,000	16,000	800
San Francisco	—	—	—	—	—	—
San Luis Obispo	93,000	41,000	—	90,000	39,000	—
San Mateo	3,000	2,000	—	4,000	2,000	—
Santa Clara	20,000	9,500	—	20,000	10,000	—
Santa Cruz	5,000	2,000	—	3,000	2,000	—
Sonoma	83,000	15,000	31,000	86,000	15,000	31,500
District 40 Total	470,000	156,000	46,700	450,000	152,000	47,500
Butte	19,000	8,500	1,000	17,000	7,000	800
Colusa	15,000	6,500	—	22,000	8,000	—
Glen	68,000	19,000	15,500	68,000	18,000	15,700
Sacramento	67,000	15,000	17,000	63,000	14,000	17,000
Solano	23,000	7,500	1,500	25,000	8,000	1,500
Sutter	9,000	3,000	—	9,000	3,000	—
Tehama	79,000	33,000	5,500	76,000	32,000	5,500
Yolo	16,000	6,500	1,800	19,000	8,000	2,000
Yuba	36,000	7,000	3,500	36,000	6,000	3,500
District 50 Total	332,000	106,000	45,800	335,000	104,000	46,000
Fresno	400,000	20,000	85,000	413,000	20,000	88,000
Kern	225,000	43,000	72,000	220,000	41,000	78,000
Kings	175,000	3,000	127,000	200,000	4,000	132,000
Madera	118,000	16,000	45,000	128,000	16,000	48,000
Merced	409,000	31,000	212,000	428,000	32,000	221,000
San Joaquin	215,000	20,000	101,000	237,000	21,000	105,000
Stanislaus	433,000	46,000	157,000	435,000	46,000	164,000
Tulare	660,000	33,000	376,000	706,000	31,000	394,000
District 51 Total	2,635,000	212,000	1,175,000	2,767,000	211,000	1,230,000

LIVESTOCK INVENTORY BY CLASS AND COUNTY, JANUARY 1, 2001–2002 ¹, continued

County	2001			2002		
	All Cattle	Beef Cows	Milk Cows	All Cattle	Beef Cows	Milk Cows
Alpine	4,000	2,000	—	3,000	2,000	—
Amador	39,000	14,000	—	28,000	12,000	—
Calaveras	27,000	14,000	—	23,000	13,000	—
El Dorado	9,000	4,500	—	11,000	5,000	—
Inyo	17,000	9,500	—	14,000	8,000	—
Mariposa	23,000	9,500	—	19,000	8,000	—
Mono	7,000	3,500	—	7,000	4,000	—
Nevada	9,000	5,000	—	8,000	5,000	—
Placer	26,000	10,000	—	26,000	10,000	—
Sierra	6,000	3,000	—	7,000	3,000	—
Tuolumne	13,000	5,000	—	17,000	7,000	—
District 60 Total	180,000	80,000	—	163,000	77,000	—
Imperial	527,000	1,500	—	530,000	1,000	—
Los Angeles	14,000	6,000	—	13,000	5,000	—
Orange	6,000	1,500	—	3,000	1,000	—
Riverside	190,000	5,500	101,000	180,000	6,000	100,000
San Bernardino	296,000	3,500	153,000	277,000	3,000	153,000
San Diego	29,000	6,500	6,000	27,000	7,000	6,000
Santa Barbara	65,000	26,000	3,000	62,000	24,000	3,000
Ventura	13,000	4,500	—	13,000	5,000	—
District 80 Total	1,140,000	55,000	263,000	1,105,000	52,000	262,000
Other Counties ²	15,500	—	11,000	20,000	—	15,900
STATE	5,150,000	780,000	1,560,000	5,200,000	760,000	1,620,000

¹ Publication of livestock county estimates was reinstated in 2001.

² Combined in "Other Counties" to avoid disclosure of individual operations.



VEGETABLES AND MELONS

California's diverse climate allows for year-round production of many vegetables, beginning in the desert during winter months and then heading into the Central Valley and coastal areas as the season progresses.

California continues to lead the nation in vegetable and melon production, accounting for 40 percent of the acreage harvested, 72 percent of production and 56 percent of total value.

In real terms, the Golden State produced 29.6 million tons of vegetables and melons in 2001. Total value of vegetable and melon production was \$6.15 billion. These figures represent a 10 percent decline in production and a 7 percent decline in value of production from 2000.

Asparagus, cantaloupes, carrots, honeydews and sweet corn showed large increases in value. There were notable decreases in value for bell peppers, broccoli, celery and fresh and processing tomatoes.

In 2001, California produced 93 percent of processing tomatoes in the country, with most coming from rich farmland in the Sacramento and San Joaquin valleys. The Golden State also accounts for more than 90 percent of the nation's production of artichokes, brussels sprouts and celery. Additionally, California is home to more than 75 percent of the national production of broccoli, cauliflower, fresh market carrots, garlic, honeydews and leaf lettuce. Monterey County's fertile Salinas Valley is known worldwide



for its abundant, high-quality vegetable crops, particularly artichokes, broccoli, cauliflower, celery and lettuce.

The production of several vegetable and melon crops declined last year after a very high production in 2000. Most of this reduction was a result of less acreage planted and harvested.

The month of January failed to deliver the expected rainfall and cooler temperatures slowed winter vegetable crop development and delayed harvest. A series of Pacific storms in February managed to slow crop development, interrupt winter harvesting and delay planting of summer crops.

Warmer temperatures in late February encouraged plant growth and harvesting resumed. As March began, a series of upper-level low-pressure systems created cool, rainy conditions, which delayed harvesting of winter vegetables and planting of many summer vegetables. Warm weather by mid-March aided crop development and the vegetable crops flourished. This warm weather continued into April and May and was very beneficial in allowing the crops to catch up and progress normally.

The remainder of the vegetable growing season was uneventful and planting and harvesting proceeded on schedule. The erratic weather in the winter and spring months interrupted the planting schedule for processing tomatoes. Frost or hail affected some fields, while the heat affected others during May. This may have caused the crop to start later than normal as well as produce lower yields.

Notable Changes in Vegetable Production from 2000 to 2001:

Beans, Snap	+ 28%
Brussels Sprouts	- 15%
Carrots, Processing	- 34%
Garlic	- 13%
Onions	- 18%
Tomatoes, Processing.	- 16%

Note to the Reader

Vegetable and melon estimates include commercial production, but exclude garden production and vegetables grown for seed. Prices for processing crops and processed segments of dual utilization crops are based on equivalent returns at the processing plant door.

For fresh market sales, the price is on a packed and loaded basis, free-on-board (f.o.b.) shipping point. To avoid disclosure of individual plants, not all of California's data were published.



VEGETABLES AND MELONS

VEGETABLE AND MELON ACREAGE, PRODUCTION AND VALUE, 1992-2001						
Crop	Crop Year	Harvested	Yield	Production	Value Per	Total Value
		Acres	Per Acre	1,000 Cwt.	Cwt. ¹	\$1,000
Artichokes ²						
	1992	9,600	115	1,104	39.40	43,447
	1993	9,200	110	1,012	50.80	51,435
	1994	9,200	130	1,196	56.40	67,474
	1995	8,900	92	819	75.70	61,965
	1996	8,900	100	890	73.50	65,416
	1997	9,300	100	930	79.50	73,910
	1998	9,700	90	873	70.60	61,633
	1999	9,800	115	1,125	67.00	75,395
	2000	8,800	115	1,012	60.30	61,021
	2001	8,000	125	1,000	58.20	58,211
Asparagus						
	1992	34,000	29	986	92.70	91,386
	1993	32,100	29	931	94.70	88,177
	1994	30,200	33	997	102.00	101,694
	1995	28,000	28	784	117.00	91,728
	1996	29,000	26	754	85.80	64,691
	1997	30,100	27	813	115.00	93,224
	1998	32,200	26	837	138.00	115,270
	1999	33,800	33	1,115	142.00	158,330
	2000	37,000	32	1,184	122.00	144,448
	2001	35,300	30	1,059	156.00	165,204
Beans, Fresh Market Snap ²						
	1992	6,900	90	621	27.40	17,015
	1993	7,300	80	584	49.90	29,142
	1994	7,500	70	525	57.20	30,030
	1995	7,000	100	700	50.20	35,140
	1996	7,800	90	702	47.80	33,566
	1997	4,500	100	450	52.00	23,400
	1998	4,700	95	447	67.80	30,307
	1999	5,100	95	485	58.90	28,567
	2000	5,500	100	550	56.00	30,800
	2001	5,400	80	432	64.00	27,648
Broccoli						
	1992	97,000	115	11,155	22.90	255,717
	1993	105,000	105	11,025	25.50	280,875
	1994	118,000	120	14,160	27.30	387,160
	1995	115,000	125	14,375	27.40	394,272
	1996	122,000	120	14,640	26.60	388,753
	1997	119,000	130	15,470	27.90	431,301
	1998	121,000	130	15,730	28.90	454,383
	1999	130,000	140	18,200	23.80	432,973
	2000	133,000	140	18,620	30.80	573,562
	2001	129,000	140	18,060	24.30	438,118
Brussels Sprouts ²						
	1992	3,500	160	560	30.50	17,104
	1993	5,000	160	800	30.90	24,756
	1994	3,500	180	630	24.60	15,471
	1995	3,400	165	561	25.70	14,390
	1996	3,800	180	684	29.40	20,120
	1997	3,200	160	512	41.40	21,180
	1998	3,200	160	512	41.00	20,985
	1999	3,200	180	576	37.20	21,419
	2000	2,600	180	468	34.40	16,115
	2001	2,200	180	396	36.50	14,471
Cabbage, Fresh Market ²						
	1992	11,500	335	3,853	9.60	37,143
	1993	12,000	360	4,320	13.70	59,184
	1994	10,000	385	3,850	13.40	51,590
	1995	10,000	370	3,700	15.50	57,350
	1996	10,000	350	3,500	12.60	44,100
	1997	13,800	340	4,692	14.90	69,911
	1998	14,000	330	4,620	16.50	76,230
	1999	12,500	320	4,000	13.40	53,600
	2000	13,000	370	4,810	15.70	75,517
	2001	13,100	360	4,716	18.60	87,718

VEGETABLE AND MELON ACREAGE, PRODUCTION AND VALUE, 1992–2001 continued

Crop	Crop Year	Harvested	Yield	Production	Value Per	Total Value
		<i>Acres</i>	<i>Per Acre Cwt.</i>	<i>1,000 Cwt.</i>	<i>Cwt. 1 Dollars</i>	<i>\$1,000</i>
Carrots, Fresh Market ³						
	1992	—	—	14,940	13.90	207,666
	1993	75,200	300	22,560	11.10	250,416
	1994	75,900	360	27,324	12.70	347,015
	1995	72,500	300	21,750	16.60	361,050
	1996	85,700	300	25,710	13.60	349,656
	1997	83,200	360	29,998	13.00	389,974
	1998	86,500	330	28,545	11.40	325,413
	1999	83,500	295	24,633	17.20	423,688
	2000	80,500	290	23,345	13.30	310,489
	2001	81,000	290	23,490	18.10	425,169
Carrots, Processing ³						
	1992	—	—	2,160	4.35	9,396
	1993	6,800	294	2,000	4.85	9,700
	1994	4,100	618	2,532	3.81	9,635
	1995	5,500	462	2,542	3.64	9,254
	1996	4,300	670	2,880	3.02	8,698
	1997	2,700	641	1,730	3.28	5,666
	1998	4,500	628	2,826	3.35	9,453
	1999	4,400	623	2,739	3.61	9,877
	2000	4,900	600	2,940	4.07	11,966
	2001	3,300	586	1,934	4.52	8,750
Carrots, All						
	1992	60,000	285	17,100	12.70	217,062
	1993	82,000	300	24,560	10.59	260,116
	1994	80,000	373	29,856	11.95	356,650
	1995	78,000	311	24,292	15.24	370,304
	1996	90,000	318	28,590	12.53	358,354
	1997	85,900	369	31,728	12.47	395,640
	1998	91,000	345	31,371	10.67	334,866
	1999	87,900	311	27,372	15.84	433,565
	2000	85,400	308	26,285	12.27	322,455
	2001	84,300	302	25,424	17.07	433,919
Cauliflower						
	1992	42,000	130	5,460	28.40	155,001
	1993	48,000	136	6,540	29.70	194,545
	1994	47,000	140	6,611	28.40	187,654
	1995	43,000	137	5,875	33.70	198,275
	1996	41,500	152	6,310	32.30	203,499
	1997	37,500	154	5,790	31.40	181,829
	1998	39,000	150	5,850	31.20	182,650
	1999	41,000	155	6,355	27.30	173,725
	2000	42,000	160	6,720	31.60	212,207
	2001	42,500	165	7,013	26.40	185,197
Celery						
	1992	23,500	670	15,750	12.10	190,445
	1993	24,000	680	16,320	14.70	240,081
	1994	24,500	690	16,905	11.80	198,695
	1995	24,000	685	16,440	16.50	272,037
	1996	24,500	700	17,150	10.60	181,606
	1997	24,000	695	16,680	14.80	247,371
	1998	24,500	680	16,666	12.20	203,126
	1999	25,000	700	17,500	12.00	209,940
	2000	24,000	720	17,280	18.80	324,850
	2001	25,500	695	17,723	14.70	259,865
Corn, Fresh Market Sweet						
	1992	18,500	130	2,405	16.00	38,480
	1993	20,000	140	2,800	17.80	49,840
	1994	21,600	140	3,024	18.30	55,339
	1995	22,300	150	3,345	18.70	62,552
	1996	24,100	155	3,736	17.60	65,754
	1997	27,000	145	3,915	17.20	67,338
	1998	32,000	175	5,600	15.80	88,480
	1999	26,000	165	4,290	17.60	75,504
	2000	24,000	165	3,960	16.70	66,132
	2001	25,000	150	3,750	22.30	83,625

VEGETABLES AND MELONS

VEGETABLE AND MELON ACREAGE, PRODUCTION AND VALUE, 1992–2001 continued						
Crop	Crop Year	Harvested	Yield	Production	Value Per	Total Value
		Acres	Per Acre	1,000 Cwt.	Cwt. ¹	\$1,000
			Cwt.		Dollars	
Cucumbers, Fresh Market ²						
	1992	4,500	300	1,350	28.30	38,205
	1993	5,600	250	1,400	27.10	37,940
	1994	5,000	250	1,250	24.90	31,125
	1995	5,200	315	1,638	25.90	42,424
	1996	6,000	330	1,980	28.20	55,836
	1997	6,300	315	1,985	24.70	49,030
	1998	6,000	320	1,920	30.90	59,328
	1999	6,500	310	2,015	26.80	54,002
	2000	4,500	285	1,283	28.50	36,566
	2001	4,700	250	1,175	30.00	35,250
Eggplant ⁴						
	2000	1,700	220	374	38.40	14,362
	2001	1,800	300	540	39.10	21,114
Escarole and Endive ⁴						
	2000	2,400	160	384	36.70	14,093
	2001	2,500	125	313	35.50	11,112
Garlic ²						
	1992	23,000	165	3,795	27.10	102,854
	1993	26,000	160	4,160	31.80	132,470
	1994	27,000	170	4,590	40.10	183,852
	1995	28,500	165	4,703	31.40	147,714
	1996	35,000	175	6,125	32.10	196,333
	1997	33,000	170	5,610	47.90	268,776
	1998	38,000	145	5,510	37.70	207,511
	1999	40,000	185	7,400	29.60	219,076
	2000	29,000	165	4,785	29.40	140,447
	2001	26,000	160	4,160	33.70	140,166
Greens, Collard ⁴						
	2000	700	190	133	36.00	4,788
	2001	700	160	112	38.80	4,346
Greens, Kale ⁴						
	2000	3,000	215	645	33.20	21,414
	2001	3,200	200	640	28.70	18,368
Greens, Mustard ⁴						
	2000	3,200	170	544	36.80	20,019
	2001	3,200	100	320	36.90	11,808
Lettuce, Head						
	1992	147,000	360	52,920	13.00	687,960
	1993	141,000	360	50,760	16.50	837,540
	1994	153,000	330	50,490	14.60	737,154
	1995	144,000	295	42,480	25.00	1,062,000
	1996	150,500	290	43,645	15.40	672,133
	1997	141,000	350	49,350	19.40	957,390
	1998	135,000	315	42,525	16.30	693,158
	1999	140,000	380	53,200	13.70	728,840
	2000	130,000	390	50,700	18.80	953,160
	2001	137,000	370	50,690	18.10	917,489
Lettuce, Leaf ²						
	1992	32,000	215	6,880	22.40	154,112
	1993	37,000	205	7,585	27.70	210,105
	1994	35,000	225	7,875	28.10	221,288
	1995	37,000	210	7,770	31.90	247,863
	1996	36,000	210	7,560	25.10	189,756
	1997	42,000	205	8,660	28.30	245,385
	1998	38,000	215	8,170	30.50	249,185
	1999	43,000	220	9,460	23.80	225,148
	2000	45,000	235	10,575	29.60	313,020
	2001	49,000	200	9,800	24.80	243,040

VEGETABLE AND MELON ACREAGE, PRODUCTION AND VALUE, 1992–2001 continued

Crop	Crop Year	Harvested	Yield	Production	Value Per	Total Value
		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 Cwt.</i>	<i>Cwt. 1</i> <i>Dollars</i>	<i>\$1,000</i>
Lettuce, Romaine 2						
	1992	15,500	300	4,650	18.10	84,165
	1993	19,000	280	5,320	18.60	98,952
	1994	24,000	280	6,720	21.40	143,808
	1995	23,000	280	6,440	24.40	157,136
	1996	23,500	275	6,463	18.60	120,212
	1997	25,000	280	7,000	19.20	134,400
	1998	26,000	280	7,280	21.60	157,248
	1999	31,000	315	9,765	18.00	175,770
	2000	36,000	315	11,340	20.10	227,934
	2001	42,000	285	11,970	17.50	209,475
Lettuce, All						
	1992	194,500	331	64,450	14.40	926,237
	1993	197,000	323	63,665	18.00	1,146,597
	1994	212,000	307	65,085	16.90	1,102,250
	1995	204,000	278	56,690	25.90	1,466,999
	1996	210,000	275	57,668	17.00	982,101
	1997	208,000	313	65,010	20.60	1,337,175
	1998	199,000	291	57,975	19.00	1,099,591
	1999	214,000	338	72,425	15.60	1,129,758
	2000	211,000	344	72,615	20.60	1,494,114
	2001	228,000	318	72,460	18.90	1,370,004
Melons, Cantaloupe						
	1992	64,000	180	11,520	14.00	161,280
	1993	65,000	190	12,350	15.30	188,955
	1994	59,300	190	11,267	15.90	179,145
	1995	59,300	200	11,860	17.30	205,178
	1996	59,000	220	12,980	17.90	232,342
	1997	62,300	210	13,083	17.70	231,569
	1998	58,000	220	12,760	17.10	218,196
	1999	61,000	210	12,810	17.30	221,613
	2000	57,500	230	13,225	17.10	226,148
	2001	56,800	235	13,348	18.90	252,277
Melons, Honeydew						
	1992	17,500	180	3,150	13.00	40,950
	1993	16,500	160	2,640	16.70	44,088
	1994	20,500	165	3,383	16.10	54,466
	1995	18,100	160	2,896	18.70	54,155
	1996	20,300	170	3,451	16.50	56,942
	1997	20,500	180	3,690	18.50	68,265
	1998	19,000	190	3,610	19.30	69,673
	1999	20,500	180	3,690	21.10	77,859
	2000	20,000	185	3,700	18.60	68,820
	2001	21,000	185	3,885	19.60	76,146
Melons, Watermelon 2						
	1992	15,000	400	6,000	8.72	52,320
	1993	16,000	420	6,720	8.00	54,029
	1994	16,700	430	7,181	9.90	71,164
	1995	16,800	380	6,364	14.30	91,291
	1996	17,100	440	7,524	10.50	79,002
	1997	17,000	460	7,820	10.90	85,283
	1998	15,000	450	6,750	12.30	83,025
	1999	14,700	430	6,321	9.80	61,946
	2000	12,300	535	6,581	11.70	76,998
	2001	12,500	530	6,625	10.90	72,213
Mushrooms, Agaricus						
	1992	488	2,498	1,219	99.40	121,208
	1993	528	2,434	1,285	101.00	129,866
	1994	501	2,475	1,240	106.00	130,911
	1995	503	2,682	1,349	104.00	140,796
	1996	514	2,549	1,310	109.00	142,642
	1997	529	2,461	1,302	120.00	155,554
	1998	563	2,378	1,338	119.00	158,638
	1999	548	2,412	1,322	122.00	161,612
	2000	537	2,408	1,293	126.00	162,279
	2001	524	2,451	1,285	125.00	160,873

VEGETABLES AND MELONS

VEGETABLE AND MELON ACREAGE, PRODUCTION AND VALUE, 1992–2001 continued						
Crop	Crop Year	Harvested	Yield	Production	Value Per	Total Value
		Acres	Per Acre	1,000 Cwt.	Cwt. ¹	\$1,000
Onions, Spring						
	1992	9,000	400	3,600	11.80	42,480
	1993	9,500	430	4,085	18.00	73,530
	1994	8,800	435	3,828	8.00	30,701
	1995	8,700	440	3,828	14.00	53,592
	1996	9,600	385	3,696	9.80	36,221
	1997	9,600	450	4,320	14.30	61,776
	1998	9,100	445	4,050	14.10	57,105
	1999	7,300	440	3,212	11.90	38,223
	2000	7,100	435	3,089	10.60	32,743
	2001	5,500	475	2,613	13.50	35,276
Onions, Summer Storage ^{5, 6}						
	1992	27,500	375	10,313	8.26	82,946
	1993	36,500	395	14,418	8.00	113,115
	1994	33,200	410	13,612	6.30	83,915
	1995	32,100	415	13,322	7.20	93,649
	1996	33,500	430	14,405	7.70	108,860
	1997	31,300	440	13,772	7.84	105,793
	1998	32,700	440	15,646	9.70	137,139
	1999	39,000	435	16,965	7.53	125,936
	2000	36,300	445	16,154	7.98	126,875
	2001	28,200	415	11,703	6.92	79,210
Onions, Summer Non-Storage ⁴						
	2000	6,200	395	2,449	12.00	29,388
	2001	6,700	500	3,350	13.50	45,225
Onions, Processed ⁷						
	1998	—	—	9,327	6.55	61,092
	1999	—	—	12,550	6.55	82,203
	2000	—	—	11,304	6.30	71,215
	2001	—	—	9,400	5.50	51,700
Onions, All ⁵						
	1992	36,500	381	13,913	9.02	125,426
	1993	46,000	402	18,503	10.09	186,645
	1994	42,000	415	17,440	6.57	114,616
	1995	40,800	420	17,150	8.59	147,241
	1996	43,100	420	18,101	8.02	145,081
	1997	40,900	442	18,092	9.26	167,569
	1998	41,800	694	29,023	9.22	267,636
	1999	46,300	707	32,727	7.53	246,362
	2000	49,600	665	32,996	7.89	260,221
	2001	40,400	670	27,066	7.81	211,411
Peppers, Bell ²						
	1992	20,000	285	5,700	18.30	104,470
	1993	21,100	300	6,330	27.50	174,251
	1994	21,500	290	6,235	25.90	161,190
	1995	24,000	290	6,960	27.10	188,523
	1996	25,500	300	7,650	22.70	173,506
	1997	21,000	300	6,300	24.60	155,040
	1998	22,000	285	6,270	27.20	170,374
	1999	22,500	330	7,425	29.80	220,997
	2000	21,000	300	6,300	27.30	171,788
	2001	22,000	260	5,720	25.80	147,305
Peppers, Chili ⁴						
	2000	3,000	230	690	40.80	28,165
	2001	2,600	225	585	30.30	17,719
Pumpkins ⁴						
	2000	5,900	305	1,800	10.60	19,080
	2001	6,000	270	1,620	9.10	14,742
Radishes ⁴						
	2000	1,500	250	375	21.40	8,025
	2001	1,500	200	300	25.50	7,650

VEGETABLE AND MELON ACREAGE, PRODUCTION AND VALUE, 1992–2001 continued						
Crop	Crop Year	Harvested	Yield	Production	Value Per	Total Value
		Acres	Per Acre	1,000 Cwt.	Cwt. ¹	\$1,000
					Dollars	
Spinach, Fresh Market ²						
	1992	7,000	205	1,435	18.20	26,117
	1993	5,000	215	1,075	31.00	33,325
	1994	7,100	205	1,456	30.80	44,845
	1995	8,400	160	1,340	34.50	46,230
	1996	9,000	150	1,350	30.90	41,715
	1997	15,200	175	2,660	31.20	82,992
	1998	15,000	160	2,400	35.40	84,960
	1999	17,000	150	2,550	31.40	80,070
	2000	19,000	180	3,420	37.40	127,908
	2001	20,000	155	3,100	43.80	135,780
Squash ⁴						
	2000	8,300	180	1,494	20.00	29,951
	2001	8,600	190	1,634	22.20	36,281
Tomatoes, Fresh Market						
	1992	36,000	280	10,080	34.10	343,728
	1993	37,500	300	11,250	26.30	295,875
	1994	40,000	275	11,000	24.80	272,800
	1995	38,000	270	10,260	18.70	191,862
	1996	37,400	280	10,472	24.80	259,706
	1997	34,000	285	9,860	26.50	261,630
	1998	41,000	240	9,840	33.10	325,704
	1999	44,000	260	11,440	22.30	255,112
	2000	40,000	290	11,600	29.80	345,680
	2001	41,000	265	10,865	24.80	269,452
Miscellaneous Vegetables and Melons, Fresh Market and Processing ⁸						
	1992	94,000	—	33,040	—	347,442
	1993	164,000	—	58,420	—	656,547
	1994	208,000	—	78,500	—	827,313
	1995	184,000	—	67,200	—	825,877
	1996	238,000	—	86,960	—	953,535
	1997	166,000	—	62,400	—	796,332
	1998	210,000	—	88,220	—	938,160
	1999	211,000	—	101,180	—	927,630
	2000	178,000	—	86,600	—	878,201
	2001	185,000	—	80,980	—	852,587

¹ The processed price is based on equivalent returns at the processing plant door. The fresh market price is on a packed and loaded basis, f.o.b. shipping point.

² Program initiated in 1992.

³ Starting in 1993, fresh market and processed acreage were published separately.

⁴ Program initiated in 2000.

⁵ Onion production includes quantity harvested, but not marketed because of loss during storage (shrinkage): 1992–275,000 cwt.; 1993–346,000 cwt.; 1994–266,000 cwt.; 1995–266,000 cwt.; 1996–292,000 cwt.; 1997–278,000 cwt.; and 1998–2001–250,000 cwt. Storage loss amounts are excluded when computing total value.

⁶ Includes fresh and processed.

⁷ Program initiated in 1998.

⁸ Miscellaneous vegetables and melons include green lima beans for processing, oriental vegetables, green peas, etc. The new crops added in 1992 and 2000 are excluded from the 1992 to present miscellaneous totals.

VEGETABLES AND MELONS

PROCESSING VEGETABLE ACREAGE, PRODUCTION AND VALUE, 1992–2001							
Crop	Crop Year	Harvested	Yield Per Acre	Production	Value Per Ton		Total Value
		<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	First Delivery Point <i>Dollars</i>	Processing Plant Door <i>Dollars</i>	<i>\$1,000</i>
Cucumbers, Pickles ¹							
	1992	2,500	16.10	40,250	—	209.00	8,412
	1993	4,200	10.24	43,010	—	192.00	8,258
	1994	4,900	9.26	45,370	—	183.00	8,303
	1995	5,200	8.10	42,120	—	383.00	16,132
	1996	6,200	7.00	43,400	—	370.00	16,058
	1997	4,200	7.19	30,200	—	296.00	8,939
	1998	4,500	6.56	29,520	—	235.00	6,937
	1999	—	—	—	—	—	—
	2000	—	—	—	—	—	—
	2001	—	—	—	—	—	—
Tomatoes, Processing							
	1992	240,000	33.05	7,932,000	46.10	56.40	447,365
	1993	274,000	32.67	8,951,580	48.30	59.10	529,038
	1994	311,000	34.55	10,745,560	50.90	61.00	655,479
	1995	317,000	33.46	10,605,787	54.00	62.30	660,740
	1996	313,000	34.05	10,658,741	53.50	61.10	651,249
	1997	260,000	35.93	9,342,309	50.85	59.50	555,867
	1998	280,000	31.76	8,892,800	54.65	64.20	570,918
	1999	329,000	37.20	12,239,300	59.85	70.50	862,871
	2000	271,000	37.96	10,286,500	50.75	58.60	602,789
	2001	254,000	34.02	8,640,140	49.40	57.50	496,808

¹ Data for 1999–2001 not published to avoid disclosure of individual operations.

PROCESSING TOMATO ACREAGE AND PRODUCTION BY COUNTY, 2001				
County	Contracted and Open Market			
	Area Planted <i>Acres</i>	Area Harvested <i>Acres</i>	Yield Per Acre <i>Tons</i>	Production ¹ <i>Tons</i>
Colusa	20,300	20,000	36.67	733,400
Fresno	93,800	92,600	32.72	3,030,000
Glenn	1,400	1,400	31.09	43,520
Kings	10,000	10,000	29.00	290,000
Merced	18,300	18,300	30.27	554,000
Sacramento	2,600	2,600	38.04	98,900
San Joaquin	25,000	24,200	36.90	893,000
Solano	11,200	11,200	35.18	394,000
Stanislaus	13,700	13,600	38.46	523,000
Sutter	9,600	9,500	33.05	314,000
Yolo	39,000	37,700	34.78	1,311,310
Other Counties ²	13,100	12,900	35.27	455,010
Total	258,000	254,000	34.02	8,640,140

¹ On the basis of PAID FOR TONNAGE purchased from growers as reported by processors (dockage not included).

² To avoid disclosure of individual operations, "Other Counties" includes Imperial, Kern, Madera, San Benito, Santa Clara, Tulare and Ventura.

VEGETABLE AND MELON MONTHLY AVERAGE PRICES RECEIVED, 1997–2001¹

Crop	Crop Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<i>Dollars Per Cwt.</i>													
Asparagus	1997	161.00	140.00	116.00	109.00	92.40	154.00	—	—	—	—	—	—
	1998	179.00	158.00	144.00	134.00	123.00	164.00	234.00	211.00	199.00	152.00	148.00	—
	1999	141.00	119.00	178.00	128.00	123.00	158.00	214.00	—	—	—	—	—
	2000	147.00	99.70	98.60	139.00	134.00	172.00	206.00	205.00	—	152.00	158.00	180.00
	2001	219.00	256.00	147.00	150.00	133.00	177.00	176.00	145.00	—	137.00	129.00	—
Broccoli	1997	36.80	27.80	25.90	24.20	23.10	30.30	27.50	23.30	31.20	40.70	27.00	30.20
	1998	33.80	26.80	30.70	40.70	27.10	29.60	23.30	27.60	29.20	32.80	25.90	24.00
	1999	27.70	20.10	21.70	20.30	18.60	23.10	18.70	27.40	29.30	23.00	21.70	39.50
	2000	22.50	20.30	25.90	23.30	44.30	30.00	31.50	25.20	27.70	34.10	56.00	34.40
	2001	22.80	32.30	23.80	27.00	25.50	27.00	23.60	27.10	22.90	24.20	22.20	20.00
Carrots	1997	14.90	14.60	13.30	12.50	12.50	12.60	12.50	12.50	12.50	12.50	12.30	16.90
	1998	12.50	12.70	12.70	12.00	11.40	11.50	10.60	10.40	10.20	10.60	11.30	11.00
	1999	16.10	19.60	21.20	26.30	24.80	21.80	15.50	12.40	10.40	11.10	11.20	11.40
	2000	9.49	11.60	11.80	12.30	13.40	14.60	15.40	14.20	14.30	14.80	15.30	15.60
	2001	15.90	16.70	17.30	17.30	17.30	18.60	20.70	19.10	16.70	19.30	19.30	19.50
Cauliflower	1997	29.60	33.80	32.60	27.70	20.70	31.20	38.90	22.90	34.50	49.30	27.60	28.90
	1998	35.10	44.00	49.50	43.80	35.50	26.40	23.20	25.30	31.30	23.60	33.70	35.80
	1999	29.40	29.40	37.60	45.80	23.40	25.50	19.30	24.80	20.30	20.00	34.50	54.30
	2000	22.90	30.10	31.10	34.60	46.00	31.20	37.20	24.00	24.80	21.60	65.30	28.10
	2001	25.70	35.20	22.80	47.30	26.30	37.40	24.80	24.70	23.50	21.60	20.10	20.00
Celery	1997	16.20	16.20	12.30	10.50	15.40	9.89	19.00	16.40	14.00	13.40	18.40	19.10
	1998	11.20	11.40	16.40	13.80	15.40	12.40	9.99	9.39	9.80	9.91	11.90	14.00
	1999	9.51	8.47	8.35	10.20	12.80	18.30	13.80	9.81	9.77	8.48	12.80	17.20
	2000	19.20	16.00	12.90	21.20	25.60	29.10	18.60	20.70	15.20	12.80	19.40	21.50
	2001	14.60	15.00	15.80	19.10	24.00	33.70	13.10	8.15	8.04	7.46	9.01	13.00
Corn, Sweet	1997	—	—	—	20.30	18.80	14.90	15.80	14.90	16.50	18.20	19.80	19.70
	1998	—	—	—	33.60	20.00	14.80	12.60	11.00	15.20	26.20	27.30	17.30
	1999	—	—	—	—	19.30	14.60	13.90	15.80	12.10	17.60	25.10	—
	2000	—	—	—	21.90	14.30	18.80	15.50	19.20	26.90	16.30	20.80	—
	2001	—	—	—	28.60	29.40	18.90	18.00	18.50	24.00	26.50	23.20	20.50
Melons, Cantaloupe	1997	—	—	—	—	20.20	16.50	14.70	15.20	21.50	24.90	21.80	18.50
	1998	—	—	—	—	27.10	15.90	18.60	11.80	15.50	19.00	16.00	—
	1999	—	—	—	—	23.90	15.90	12.80	13.50	15.90	17.70	19.40	—
	2000	—	—	—	—	16.70	16.80	14.30	12.30	19.00	24.00	23.20	35.10
	2001	—	—	—	—	27.30	13.20	14.50	17.20	13.50	16.50	22.00	—
Melons, Honeydew	1997	—	—	—	—	28.50	21.00	14.40	12.60	22.70	31.90	21.20	18.00
	1998	—	—	—	—	25.20	23.00	22.30	15.00	13.00	15.00	17.80	16.00
	1999	—	—	—	—	—	22.60	16.60	16.00	20.20	28.50	20.70	—
	2000	—	—	—	—	18.70	17.30	17.00	13.80	21.60	24.80	22.20	—
	2001	—	—	—	—	30.70	19.00	18.30	17.90	16.10	14.80	18.20	—
Lettuce, Head	1997	15.20	10.00	13.80	15.80	10.50	14.70	17.00	22.80	22.30	35.10	26.90	32.50
	1998	19.40	11.30	16.60	28.10	14.70	11.40	15.40	16.20	14.00	21.30	10.60	12.50
	1999	11.10	15.50	37.60	20.80	14.00	11.40	12.50	11.90	13.00	13.00	10.80	17.50
	2000	15.00	10.00	12.40	23.30	23.50	13.40	15.00	19.20	29.40	16.10	18.00	12.20
	2001	14.50	24.10	15.00	21.90	18.50	12.00	16.40	26.90	26.20	11.30	10.80	10.00
Onions, Spring	1997	—	—	—	16.60	12.60	15.50	14.10	—	—	—	—	—
	1998	—	—	—	15.90	14.40	13.40	20.20	—	—	—	—	—
	1999	—	—	—	10.80	11.30	11.80	13.10	—	—	—	—	—
	2000	—	—	—	12.50	9.12	10.00	13.10	—	—	—	—	—
	2001	—	—	—	16.30	13.00	12.70	14.50	—	—	—	—	—
Onions, Summer	1997	19.60	14.60	—	—	—	—	14.10	14.20	11.20	9.90	12.40	16.20
	1998	17.00	21.00	23.00	—	—	—	20.20	13.50	13.40	12.20	13.80	16.50
	1999	17.50	16.70	12.80	—	—	—	11.20	10.70	10.10	9.22	9.28	—
	2000	—	—	—	—	—	—	13.00	11.10	12.20	12.90	14.10	16.30
	2001	—	—	—	—	—	—	14.50	12.60	12.80	12.60	11.90	12.00
Tomatoes	1997	—	—	—	—	36.90	27.30	25.40	25.40	23.20	23.30	41.10	—
	1998	—	—	—	—	29.20	25.70	43.10	20.40	26.60	43.10	37.60	—
	1999	—	—	—	—	26.10	27.80	20.30	22.50	25.30	18.90	23.40	30.70
	2000	—	—	—	—	25.10	24.50	21.80	31.30	27.80	40.40	38.40	38.40
	2001	—	—	—	—	35.30	24.00	24.70	26.20	19.60	26.60	27.80	—

¹ Prices are f.o.b. shipping point.



AGRICULTURAL EXPORTS

California continues to set the pace for the rest of the nation by remaining the country's largest agricultural producer and exporter. It is the quality, freshness and unparalleled taste of California's food and agricultural products that drive this demand.

With more than 350 agricultural commodities, California's bounty can be found in markets around the world, from Europe to Asia and from Africa to Latin America.

California's agricultural export statistics were generated for the top 15 export destinations in 2001. Included within this profile is an abstract of California's agricultural exports to the European Union. In addition, California's top 42 agricultural commodities were traced to destinations around the world. To complete this profile, a listing of commodity export values and a table providing a comparison between production and export quantities is included. This statistical abstract provides an excellent overview of California's agriculture and its prominence in the international market.

The 2001 California agricultural export statistics reveal that total exports remained stable at \$6.5 billion when compared to the previous year. While overall exports remained consistent with 2000 figures, a few commodities experienced tremendous growth. Exports of cherries rebounded 51 percent to pre-2000 export levels of more than \$60 million, and mushroom exports grew by 40 percent over the previous year reflecting an all time high of \$3.4 million.

Some noted decreases in 2001 export levels were observed in the vegetable industry. Broccoli exports decreased an estimated 22 percent, primarily as a result of increased Chinese production and competition within the Japanese market. Broccoli exports to Japan fell 30 percent in 2001, representing 63 percent of the total decline in export value. Celery exports to Canada decreased by 17 percent, with a market loss of \$6 million.

These agricultural export statistics demonstrate that California's farmers export an average of 14 percent of what they grow. While dependency on exports varies among commodities, California's farmers are increasingly affected by the global nature of agriculture.

The California Department of Food and Agriculture's Agricultural Export Program is mandated to assist California agriculture in market development and expand world trade to maximize growth in the state's economy.



Methodology

California's agricultural export statistics are developed by the Agricultural Issues Center of the University of California at Davis in consultation with the California Department of Food and Agriculture. Data to compute agricultural exports are derived from official government sources, published industry sources, and unpublished information from government and industry.

United States' export quantities and values and California port export figures are from Department of Commerce trade data posted on the U.S. International Trade Commission online database (<http://dataweb.usitc.gov>). Canadian import data are from Statistics Canada online database (www.statcan.ca/start.html). Production quantities and values are from various National Agricultural Statistics Service and Economic Research Service publications.

For further information on the precise methodology employed by Daniel Sumner, Ph.D., Director, Agricultural Issues Center, contact the Agricultural Export Program at (916) 654-0389.

AGRICULTURAL EXPORTS

AGRICULTURAL COMMODITY EXPORT VALUES AND RANKINGS, 2000–2001					
Commodity	Rank	2001 California Export Value <i>Millions</i>	Rank	2000 California Export Value ¹ <i>Millions</i>	Percent Change
Almonds	1	685.6	1	662.4	3
Cotton	2	604.5	2	606.7	0
Wine	3	470.9	3	499.3	-6
Table Grapes	4	394.5	4	363.4	9
Dairy	5	322.1	5	347.6	-7
Oranges	6	297.5	6	298.1	0
Tomatoes, Processed	7	211.7	7	207.7	2
Walnuts	8	179.1	8	169.3	6
Rice	9	166.4	9	167.3	-1
Beef and Products	10	154.8	10	162.9	-5
Plums, Dried (Prunes)	11	149.5	13	140.3	7
Raisins	12	144.1	12	145.9	-1
Lettuce	13	142.6	11	156.0	-9
Strawberries	14	136.1	14	138.7	-2
Peaches and Nectarines	15	118.7	16	106.1	12
Pistachios	16	108.9	17	97.9	11
Broccoli	18	89.2	15	114.3	-22
Hay	17	86.3	18	93.6	-8
Lemons	19	74.7	19	79.5	-6
Carrots	20	68.0	21	58.2	17
Cherries	21	63.7	28	42.2	51
Tomatoes, Fresh ²	22	56.6	20	72.6	-22
Plums	23	53.5	23	54.4	-2
Celery	24	46.0	22	55.2	-17
Cauliflower	25	45.5	25	44.9	1
Onions	26	40.8	27	43.1	-5
Flowers and Nursery	27	39.7	26	43.3	-8
Melons	28	39.3	29	40.5	-3
Grapefruit	29	38.9	32	32.2	21
Grape Juice	30	31.4	31	32.5	-3
Asparagus ²	31	31.0	24	46.8	-34
Potatoes ²	32	26.4	33	29.3	-10
Apples	33	25.7	30	37.1	-31
Garlic	34	24.8	34	24.4	1
Pears	35	24.0	35	20.3	18
Bell Peppers	36	18.3	36	20.1	-9
Turkey	37	17.4	37	16.2	7
Apricots	38	15.6	38	14.0	11
Cottonseed ²	39	15.1	39	12.6	20
Dates	40	11.5	41	11.3	2
Chickens	41	11.3	43	10.5	8
Olives	42	10.3	40	12.3	-16
Eggs	43	8.6	44	9.7	-12
Figs	44	6.7	45	7.6	-12
Kiwi	45	6.4	46	6.7	-3
Dry Beans	46	5.6	42	10.9	-48
Wheat	47	3.9	48	3.4	15
Mushrooms	48	3.4	50	2.4	40
Artichokes	49	3.3	49	2.7	20
Avocados	50	2.1	47	3.4	-40
Total Principal Commodities	—	5,332.2	—	5,378.1	-1
Total Other Products ³	—	1,173.4	—	1,148.3	2
Total All Agricultural Exports	—	6,505.6	—	6,526.4	0

¹ Revised 2000 data.

² The methods used to determine exports for these commodities were updated in 2002 and applied to 2001 data and revised 2000 data.

³ "Total Other Products" is composed of (1) highly processed products that are difficult to attribute to a specific commodity, such as mixtures of fruits, nuts and vegetables and other processed foods; and (2) animal and plant products marketed in such small quantities that they are not included in the 50 leading commodities.

MAJOR CALIFORNIA AGRICULTURAL EXPORTS TO THE TOP DESTINATIONS, 2001 ¹

Commodities by Country	Rank	Approximate Export Value <i>Millions</i>	Commodities by Country	Rank	Approximate Export Value <i>Millions</i>
1 Canada			2 European Union		
Lettuce	1	114	Almonds	1	342
Table Grapes	2	107	Wine	2	289
Tomatoes, Processed	3	103	Walnuts	3	88
Strawberries	4	85	Plums, Dried (Prunes)	4	83
Wine	5	77	Raisins	5	59
Oranges	6	72	Pistachios	6	42
Carrots	7	61	Table Grapes	7	25
Peaches and Nectarines	8	43	Cotton	8	24
Broccoli	9	40	Tomatoes, Processed	9	19
Tomatoes, Fresh	10	35	Rice	10	7
Celery	11	34	Onions	11	6
Almonds	12	34	Garlic	12	5
Cotton	13	31	Flowers and Nursery	13	5
Melons	14	28	Tomatoes, Fresh	14	5
Cauliflower	15	24	Peaches and Nectarines	15	4
Potatoes	16	20	Dates	16	3
Plums	17	19	Apricots	17	3
Flowers and Nursery	18	19	Pears	18	2
Raisins	19	19	Strawberries	19	2
Grape Juice	20	17	Cherries	20	2
Bell Peppers	21	16	Lettuce	21	2
Onions	22	16	Cottonseeds	22	2
Walnuts	23	16	Dairy	23	2
Lemons	24	14	Other		4
Cottonseeds	25	10			
Plums, Dried (Prunes)	26	9	TOTAL		1024
Pistachios	27	8			
Asparagus	28	7	3 Japan		
Grapefruit	29	7	Rice	1	99
Cherries	30	7	Cotton	2	91
Pears	31	6	Almonds	3	72
Apricots	32	6	Beef and Products	4	71
Garlic	33	5	Oranges	5	65
Apples	34	5	Hay	6	65
Beef and Products	35	5	Lemons	7	48
Kiwi	36	4	Wine	8	47
Olives	37	4	Dairy	9	45
Figs	38	3	Cherries	10	43
Dates	39	3	Broccoli	11	37
Rice	40	2	Walnuts	12	35
Dairy	41	2	Strawberries	13	33
			Raisins	14	29
TOTAL		1137	Plums, Dried (Prunes)	15	28
			Grapefruit	16	25
			Tomatoes, Processed	17	19
			Cauliflower	18	19
			Asparagus	19	15
			Pistachios	20	9
			Melons	21	8
			Onions	22	8
			Lettuce	23	7
			Grape Juice	24	6
			Table Grapes	25	6
			Flowers and Nursery	26	2
			Olives	27	2
			Celery	28	2
			Apricots	29	2
			Peaches and Nectarines	30	2
			Figs	31	2
			Other		6
			TOTAL		948

AGRICULTURAL EXPORTS

MAJOR CALIFORNIA AGRICULTURAL EXPORTS TO THE TOP DESTINATIONS, 2001 ¹ continued					
Commodities by Country	Rank	Approximate Export Value <i>Millions</i>	Commodities by Country	Rank	Approximate Export Value <i>Millions</i>
4 China/Hong Kong			6 Mexico		
Table Grapes	1	80	Cotton	1	46
Oranges	2	61	Table Grapes	2	33
Cotton	3	29	Dairy	3	27
Dairy	4	29	Tomatoes, Processed	4	24
Almonds	5	25	Tomatoes, Fresh	5	15
Beef and Products	6	21	Almonds	6	15
Pistachios	7	12	Strawberries	7	11
Plums	8	11	Lettuce	8	10
Lemons	9	8	Flowers and Nursery	9	10
Wine	10	6	Peaches and Nectarines	10	9
Tomatoes, Processed	11	4	Pistachios	11	8
Plums, Dried (Prunes)	12	4	Pears	12	7
Lettuce	13	4	Garlic	13	7
Raisins	14	4	Beef and Products	14	6
Celery	15	3	Walnuts	15	6
Cherries	16	3	Potatoes	16	5
Broccoli	17	2	Oranges	17	4
Peaches and Nectarines	18	2	Plums	18	4
Rice	19	2	Apples	19	4
Figs	20	2	Apricots	20	3
Melons	21	2	Plums, Dried (Prunes)	21	3
Grapefruit	22	2	Wine	22	3
Other		6	Onions	23	2
			Kiwi	24	2
			Carrots	25	2
			Dates	26	2
			Other		9
TOTAL		321	TOTAL		275
5 South Korea			7 Taiwan		
Cotton	1	100	Cotton	1	52
Oranges	2	54	Peaches and Nectarines	2	43
Beef and Products	3	38	Table Grapes	3	17
Dairy	4	16	Plums	4	12
Hay	5	15	Beef and Products	5	10
Almonds	6	14	Apples	6	10
Tomatoes, Processed	7	10	Almonds	7	10
Grape Juice	8	6	Dairy	8	10
Wine	9	5	Broccoli	9	8
Walnuts	10	5	Cherries	10	6
Rice	11	4	Hay	11	6
Raisins	12	3	Oranges	12	5
Lemons	13	2	Raisins	13	4
Other		7	Wine	14	4
			Celery	15	3
			Lettuce	16	3
			Grapefruit	17	3
			Plums, Dried (Prunes)	18	2
			Walnuts	19	2
			Cauliflower	20	2
			Asparagus	21	2
			Other		4
TOTAL		278	TOTAL		218
			8 Indonesia		
			Cotton	1	71
			Almonds	2	9
			Table Grapes	3	8
			Pistachios	4	6
			Other		4
			TOTAL		96

MAJOR CALIFORNIA AGRICULTURAL EXPORTS TO THE TOP DESTINATIONS, 2001 ¹ continued					
Commodities by Country	Rank	Approximate Export Value <i>Millions</i>	Commodities by Country	Rank	Approximate Export Value <i>Millions</i>
9 India			12 Philippines		
Almonds	1	61	Table Grapes	1	18
Cotton	2	29	Dairy	2	12
Table Grapes	3	2	Tomatoes, Processed	3	3
Other		2	Cotton	4	2
TOTAL		94	Oranges	5	2
			Wine	6	2
			Other		5
10 Malaysia			TOTAL		43
Table Grapes	1	37			
Oranges	2	13	13 Thailand		
Cotton	3	4	Cotton	1	29
Almonds	4	3	Table Grapes	2	3
Raisins	5	2	Beef and Products	3	2
Plums, Dried (Prunes)	6	2	Other		6
Other		4	TOTAL		40
TOTAL		64			
			14 United Arab Emirates		
11 Singapore			Almonds	1	28
Table Grapes	1	11	Table Grapes	2	2
Oranges	2	10	Other		5
Pistachios	3	7	TOTAL		35
Rice	4	4			
Dairy	5	4	15 Israel		
Almonds	6	3	Walnuts	1	13
Raisins	7	3	Almonds	2	9
Wine	8	3	Plums, Dried (Prunes)	3	2
Plums, Dried (Prunes)	9	2	Tomatoes, Processed	4	2
Lettuce	10	2	Raisins	5	2
Tomatoes, Processed	11	2	Other		3
Other		6	TOTAL		31
TOTAL		56			

¹ Commodities with exports of more than \$2 million to each destination are listed in order of the value of shipments. This table provides the approximate exports to each of the top destinations for 36 California commodities with the largest total export values in 2001. Also included are six additional commodities for which California accounts for more than 85 percent of exports from the United States, or for which reliable export data was available. For the remaining eight commodities, exports from California to any particular market are less than \$2 million.

MAJOR CALIFORNIA AGRICULTURAL EXPORTS TO THE EUROPEAN UNION, 2001 ¹										
	Almonds	Wine	Walnuts	Plums, Dried (Prunes)	Raisins	Pistachios	Table Grapes	Cotton	Tomatoes, Processed	Rice
	<i>Millions</i>									
1 Austria	—	0.2	0.1	0.1	—	—	—	9.1	—	0.1
2 Belgium	32.6	24.8	2.2	9.9	1.5	13.4	0.7	—	—	0.5
3 Denmark	10.8	5.6	0.1	2.5	4.6	—	—	—	0.2	0.3
4 Finland	1.4	1.9	—	2.6	2.4	—	0.2	—	0.1	—
5 France	24.6	6.7	0.4	0.2	0.5	3.2	—	—	0.6	1.4
6 Germany	95.0	12.6	26.5	33.8	7.1	7.3	0.1	—	3.3	1.3
7 Greece	7.4	0.1	0.1	0.6	0.1	0.4	—	14.7	—	—
8 Ireland	0.2	12.3	—	0.1	0.2	—	0.2	—	0.1	—
9 Italy	21.9	1.2	16.8	13.2	0.3	7.0	—	—	0.1	—
10 Luxembourg	—	—	—	—	—	0.6	—	—	—	—
11 Netherlands	39.6	63.1	7.6	3.2	5.4	1.3	0.9	—	2.3	1.1
12 Portugal	1.3	—	0.1	—	—	0.4	—	—	—	—
13 Spain	76.4	1.2	30.5	1.6	0.7	2.0	0.1	—	0.9	0.2
14 Sweden	7.0	6.0	1.1	3.1	6.3	—	0.5	—	1.7	0.3
15 United Kingdom	24.0	153.5	2.6	11.9	30.0	6.4	21.7	—	9.9	1.4
TOTAL	342.2	289.2	88.2	82.8	59.1	41.9	24.4	23.8	19.1	6.7

¹ This table provides the approximate value of the 10 largest exports of California commodities to the European Union in 2001. Totals do not add due to rounding.

AGRICULTURAL EXPORTS

RATIO OF CALIFORNIA FARM QUANTITY EXPORTED TO FARM QUANTITY PRODUCED, 2001 ¹				
Commodity	Unit	Farm Quantity Exported	Farm Quantity Produced	Ratio of Quantity Exported to Quantity Produced
		1,000 Farm-gate Units	1,000 Farm-gate Units	Percentage
Grapes, All	short tons	1,329	5,930	22
Almonds	cwt.	5,668	8,500	67
Cotton	bales	2,094	2,420	87
Dairy	cwt.	20,193	332,510	6
Oranges	boxes	15,942	59,000	27
Tomatoes, Processed	short tons	1,125	8,640	13
Walnuts	short tons	101	305	33
Rice	cwt.	18,929	38,490	49
Beef and Products	cwt.	1,163	19,698	6
Plums, Dried (Prunes)	short tons	255	372	69
Lettuce	cwt.	5,818	72,460	8
Strawberries	cwt.	1,834	13,860	13
Peaches and Nectarines	cwt.	2,472	22,250	11
Pistachios	cwt.	805	1,610	50
Hay	short tons	579	8,915	7
Broccoli	cwt.	3,090	18,060	17
Lemons	boxes	3,563	22,700	16
Carrots	cwt.	2,965	25,424	12
Cherries	short tons	19	51	36
Tomatoes, Fresh	cwt.	1,703	10,865	16
Plums	short tons	67	210	32
Celery	cwt.	2,346	17,723	13
Cauliflower	cwt.	1,407	7,013	20
Onions	cwt.	3,341	17,666	19
Melons	cwt.	1,531	23,858	6
Grapefruit	boxes	2,713	6,500	42
Asparagus	cwt.	218	1,059	21
Potatoes	cwt.	1,724	12,788	13
Apples	cwt.	1,359	5,200	26
Garlic	cwt.	746	4,160	18
Pears	short tons	29	267	11
Bell Peppers	cwt.	329	6,305	5
Turkey	cwt.	405	4,507	9
Apricots	short tons	26	70	37
Cottonseed	short tons	66	875	8
Dates	short tons	4	17	25
Chicken	cwt.	522	12,668	4
Olives	short tons	22	134	17
Eggs	dozens	9,993	499,667	2
Figs	short tons	8	41	20
Kiwi	short tons	6	23	28
Dry Beans	cwt.	188	1,602	12
Wheat	bushels	1,100	35,105	3
Mushrooms	cwt.	33	1,285	3
Artichokes	cwt.	73	1,000	7
Avocados	short tons	2	213	1
Weighted Average for the Top 50 Commodities				14

¹ This ratio is expressed as a percentage and is derived by dividing the farm quantity exported in 2001 by the farm quantity produced in 2001. The ratio does not necessarily represent the share of 2001 production that was exported, since much of the production of summer and fall harvested crops is often exported in the subsequent year, and conversely a sizeable share of current calendar-year exports were likely produced in the previous year.

MAJOR DESTINATIONS FOR CALIFORNIA AGRICULTURAL EXPORT COMMODITIES, 2001 ¹

Countries by Commodity	Rank by Export Value	Approximate Percentage	Countries by Commodity	Rank by Export Value	Approximate Percentage
1 ALMONDS			12 RAISINS		
European Union	1	50	European Union	1	41
Japan	2	11	Japan	2	20
India	3	9	Canada	3	13
Canada	4	5			
2 COTTON			13 LETTUCE		
South Korea	1	17	Canada	1	80
Japan	2	15	Mexico	2	7
Indonesia	3	12	Japan	3	5
Taiwan	4	9			
Mexico	5	8	14 STRAWBERRIES		
Canada	6	5	Canada	1	62
China/Hong Kong	7	5	Japan	2	24
India	8	5	Mexico	3	8
Thailand	9	5			
3 WINE			15 PEACHES AND NECTARINES		
European Union	1	61	Taiwan	1	36
Canada	2	16	Canada	2	36
Japan	3	10	Mexico	3	7
4 TABLE GRAPES			16 PISTACHIOS		
Canada	1	27	European Union	1	39
China/Hong Kong	2	20	China/Hong Kong	2	11
Malaysia	3	9	Japan	3	8
Mexico	4	8	Mexico	4	8
European Union	5	6	Canada	5	7
			Singapore	6	6
5 DAIRY			Indonesia	7	5
Central/South America	1	55	17 BROCCOLI		
Pacific Rim	2	33	Canada	1	45
			Japan	2	42
6 ORANGES			Taiwan	3	8
Canada	1	24			
Japan	2	22	18 HAY		
China/Hong Kong	3	20	Japan	1	75
South Korea	4	18	South Korea	2	17
			Taiwan	3	7
7 TOMATOES, PROCESSED			19 LEMONS		
Canada	1	49	Japan	1	65
Mexico	2	11	Canada	2	18
European Union	3	9	China/Hong Kong	3	11
Japan	4	9			
South Korea	5	5	20 CARROTS		
			Canada	1	89
8 WALNUTS					
European Union	1	49	21 CHERRIES		
Japan	2	20	Japan	1	67
Canada	3	9	Canada	2	11
Israel	4	7	Taiwan	3	10
9 RICE			22 TOMATOES, FRESH		
Japan	1	59	Canada	1	63
Turkey	2	11	Mexico	2	27
Uzbekistan	3	6	European Union	3	8
European Union	4	4			
			23 PLUMS		
10 BEEF AND PRODUCTS			Canada	1	36
Japan	1	46	Taiwan	2	22
South Korea	2	25	China/Hong Kong	3	20
China/Hong Kong	3	13	Mexico	4	8
Taiwan	4	7			
			24 CELERY		
11 PLUMS, DRIED (PRUNES)			Canada	1	75
European Union	1	55	Taiwan	2	7
Japan	2	19	China/Hong Kong	3	6
Canada	3	6			

MAJOR DESTINATIONS FOR CALIFORNIA AGRICULTURAL EXPORT COMMODITIES, 2001 ¹ continued					
Countries by Commodity	Rank by Export Value	Approximate Percentage	Countries by Commodity	Rank by Export Value	Approximate Percentage
25 CAULIFLOWER			35 PEARS		
Canada	1	53	Mexico	1	29
Japan	2	41	Canada	2	24
26 ONIONS			European Union	3	8
Canada	1	39	Bangladesh	4	7
Japan	2	19	El Salvador	5	6
European Union	3	15	36 BELL PEPPERS		
Mexico	4	6	Canada	1	90
27 FLOWERS AND NURSERY			Japan	2	6
Canada	1	49	38 APRICOTS		
Mexico	2	24	Canada	1	36
European Union	3	12	Mexico	2	20
Japan	4	6	European Union	3	16
28 MELONS			Japan	4	12
Canada	1	72	39 COTTONSEED BYPRODUCTS		
Japan	2	22	Canada	1	63
29 GRAPEFRUIT			European Union	2	11
Japan	1	63	Mexico	3	9
Canada	2	18	Japan	4	7
Taiwan	3	7	China/Hong Kong	5	6
30 GRAPE JUICE			40 DATES		
Canada	1	54	European Union	1	29
South Korea	2	20	Canada	2	22
Japan	3	20	Australia	3	15
31 ASPARAGUS			Mexico	4	13
Japan	1	50	Switzerland	5	11
Canada	2	23	42 OLIVES		
Switzerland	3	16	Canada	1	39
Taiwan	4	5	Japan	2	21
32 POTATOES			European Union	3	9
Canada	1	75	Mexico	4	9
Mexico	2	20	Kuwait	5	5
33 APPLES			44 FIGS		
Taiwan	1	38	Canada	1	47
Canada	2	19	Japan	2	24
Mexico	3	14	China/Hong Kong	3	23
Others	4	9	45 KIWI		
China/Hong Kong	5	6	Canada	1	63
Malaysia	6	5	Mexico	2	29
34 GARLIC					
Mexico	1	26			
Canada	2	21			
European Union	3	20			
El Salvador	4	6			
Japan	5	5			

¹ This table shows export destinations receiving at least 5 percent of total exports for the top 36 export commodities. This table also includes an additional six commodities for which California accounts for more than 85 percent of exports from the United States, or for which reliable export data was available. For those commodities that California produces 85 percent or greater of exports from the United States, percentages were equal to national percentages in each country. For those commodities that California produces less than 85 percent of exports from the United States, the main sources for destination percentages were California port data and Canadian import data. However, California port data may not accurately reflect export destinations for some products from California. In those cases, adjustments were made using industry information.



AGRICULTURAL DIRECTORY

California Department of Food and Agriculture 142
 Office of the Secretary 142
 Divisions 142
 Field Offices 142

Agricultural Publications 145

California Advisory Boards and Commissions ... 147

California Agricultural Organizations 148

California Fair Network 156

County Agricultural Commissioners 158

County Sealers of Weights & Measures 160

County Farm Bureaus 160

Certified Farmers' Market Associations 161

Farm Labor Organizations 162

National Agricultural Organizations 163

Selected Government Agencies 166
 California Environmental Protection Agency 166
 California Legislative Committees 167
 California Resources Agency 167
 California State Lands Commission 167
 California Technology, Trade and Commerce Agency 167
 U.S. Bureau of Reclamation 167
 U.S. Department of Agriculture (*California and National Offices*) 168

State Departments of Food and Agriculture 169

University Agricultural Programs 170
 UC Cooperative Extension County Offices 170
 California State University 172
 University of California 172
 UC Campus Agricultural Colleges 172
 UC Research and Extension Centers 172
 Statewide and Campus Programs 173

Water and Natural Resources 174

Contact information (including organization name, address, phone, fax, e-mail and Web site) was correct at time of publication, but should always be verified.



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Director and State Veterinarian
(916) 654-0881; Fax (916) 653-4249

Animal Health

Dr. Kenneth Thomazin, DVM, Branch Chief
(916) 654-1447; Fax (916) 653-2215

Livestock Identification

Greg Lawley, Branch Chief
(916) 654-0889; Fax (916) 653-5190

Meat and Poultry Inspection

Dr. Dennis L. Thompson, DVM,
Branch Chief
(916) 654-0504; Fax (916) 654-2608

Milk and Dairy Foods Control

Bill Bordessa, Branch Chief
(916) 653-6681; Fax (916) 654-1274

Fairs and Expositions

Elizabeth Houser, Director
1010 Hurley Way, Suite 200
Sacramento, CA 95825
(916) 263-2955; Fax (916) 263-2969

Inspection Services

Steve Mauch, Director
560 J Street, Suite 220
Sacramento, CA 95814
(916) 654-0792; Fax (916) 653-2317

Agricultural Commodities and Regulatory Services

Steve Wong, Branch Chief
(916) 654-0574; Fax (916) 653-2407

Center for Analytical Chemistry

William G. Cusick, Branch Chief
(916) 262-1434; Fax (916) 262-1572

Fruit, Vegetable and Egg Control

Vacant, Branch Chief
(916) 654-0919; Fax (916) 654-0666

Shipping Point Inspection

Rick Jensen, Branch Chief
(916) 654-0810; Fax (916) 654-0876

Marketing Services

Kelly Krug, Director
(916) 654-1240; Fax (916) 657-2261

Agricultural Statistics

Victor Tolomeo, Branch Chief
(916) 654-0895; Fax (916) 498-5186

Dairy Marketing

David Ikari, Branch Chief
(916) 654-1456; Fax (916) 654-0867

Marketing

Lynn Morgan, Branch Chief
(916) 654-1245; Fax (916) 654-1250

Market Enforcement

Agatha d'Esterhazy, Branch Chief
(916) 654-1237; Fax (916) 653-2807

Milk Pooling

Robert Horton, Branch Chief
(916) 654-0795; Fax (916) 653-8919

Measurement Standards

Michael Cleary, Director
8500 Fruitridge Road
Sacramento, CA 95826
(916) 229-3000; Fax (916) 229-3026

Compliance and Evaluation

Roger Macey, Branch Chief
(916) 229-3000

Metrology

Joseph Rothleder, Principal State Metrologist
(916) 229-3000

Weighmaster Enforcement and Petroleum Products

David Lazier, Branch Chief
(916) 229-3000

Plant Health and Pest Prevention Services

Don Henry, Director
(916) 654-0317; Fax (916) 654-1018

Integrated Pest Control

Nate Dechoretz, Branch Chief
(916) 654-0768; Fax (916) 653-2403

Pest Detection/Emergency Projects

Pat Minyard, Branch Chief
(916) 654-1211; Fax (916) 654-0555

Pest Exclusion

Aurelio Posadas, Branch Chief
(916) 654-0312; Fax (916) 654-0986

Pierce's Disease Control Program

Robert L. Wynn, Statewide Coordinator
(916) 322-2804; Fax (916) 322-3924

Plant Pest Diagnostics

Dennis Mayhew, Branch Chief
(916) 262-1100; Fax (916) 262-1190

Nursery Program

Umesh Kodira, Program Supervisor
(916) 654-0435; Fax (916) 654-0986

Field Offices

Alameda County

**Animal Health and Food Safety Services
Milk and Dairy Foods Control Branch**
1515 Clay Street, Suite 803
Oakland, CA 94612
(510) 622-4810; Fax (510) 622-4808

Butte County

**Inspection Services
Shipping Point Inspection Branch**
40 Philadelphia Drive, Suite 104
Chico, CA 95973-0292
(530) 898-8427; Fax (530) 898-9034

Colusa County

**Inspection Services
Agricultural Commodities and Regulatory Services**
1700 Abel Road
Williams, CA 95987
(530) 473-2690; Fax (530) 473-2694

Del Norte County

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
 17200 Highway 101 North
 Smith River, CA 95567-9406
 (707) 487-8245; Fax (same as phone)

El Dorado County

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
 3094 Highway 50
 South Lake Tahoe, CA 96155
 (530) 577-2196; Fax (same as phone)

Fresno County

Animal Health and Food Safety Services
California Animal Health and Food Safety Laboratory System
 2789 South Orange Avenue
 Fresno, CA 93725
 (559) 498-7740; Fax (559) 485-8097

Animal Health and Food Safety Services
Meat and Poultry Inspection Branch
 2789 South Orange Avenue
 Fresno, CA 93725
 (559) 233-7318; Fax (same as phone)

Animal Health and Food Safety Services
Milk and Dairy Foods Control Branch
 2550 Mariposa Street, Room 3051
 Fresno, CA 93721
 (559) 445-5506; Fax (559) 445-5909

Inspection Services
Agricultural Commodity and Regulatory Services
 1683 North Helm Avenue
 Fresno, CA 93727-1637
 (559) 452-9687; Fax (559) 452-9964

Inspection Services
Fruit and Vegetable Quality Control
 5108 East Clinton Way, Suite 115
 Fresno, CA 93727
 (559) 456-4506; Fax (559) 456-4603

Inspection Services
Shipping Point Inspection Branch
 545 Manning Avenue, Suite 109
 Parlier, CA 93648
 (559) 646-0642; Fax (559) 646-1046

Inspection Services
Wine Grape Inspection
 5108 East Clinton Way, Suite 115
 Fresno, CA 93727
 (559) 452-8453; Fax (559) 452-0531

Measurement Standards
Fresno Regional Office
 2550 Mariposa Street, Room 3044
 Fresno, CA 93721
 (559) 445-5403; Fax (559) 445-5268

Plant Health and Pest Prevention Services
Integrated Pest Control Branch
 2895 North Larkin Avenue, Suite A
 Fresno, CA 93727
 (559) 445-5472; Fax (559) 445-5334

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
 2889 North Larkin Avenue, Suite 106
 Fresno, CA 93727
 (559) 445-5031; Fax (559) 445-6638

Plant Health and Pest Prevention Services
Pest Exclusion Branch
 2889 North Larkin Avenue, Suite 101
 Fresno, CA 93727
 (559) 445-5033; Fax (559) 445-6880

Imperial County

Inspection Services
Agricultural Commodity and Regulatory Services
 601 South K Street
 Imperial, CA 92251-1855
 (760) 355-2877; Fax (760) 355-2099

Plant Health and Pest Prevention Services
Integrated Pest Control Branch
 Pink Bollworm Program
 4151 Highway 86, Building 6
 Brawley, CA 92227
 (760) 344-1152; Fax (760) 344-1951

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
 3510 West Interstate 8
 Winterhaven, CA 92283
 (760) 572-0291; Fax (760) 572-0853

Kern County

Inspection Services
Shipping Point Inspection Branch
 501 Workman Street, Suite 110
 Bakersfield, CA 93307
 (661) 395-2816; Fax (661) 395-3851

Inspection Services
Shipping Point Inspection Branch
 1323 Main Street
 Delano, CA 93215
 (661) 725-0288; Fax (661) 725-0149

Plant Health and Pest Prevention Services
Integrated Pest Control Branch
 5100 Douglas Avenue-Minterfield
 Shafter, CA 93263
 (661) 395-2914; Fax (661) 399-1601

Kings County

Inspection Services
Agricultural Commodities and Regulatory Services
 1425 Santa Fe Avenue
 Corcoran, CA 93212-0413
 (559) 992-3534; Fax (559) 992-8215

Lake County

Plant Health and Pest Prevention Services
Integrated Pest Control Branch
 893 Lakeport Boulevard
 Lakeport, CA 95453
 (707) 263-1649; Fax (707) 263-1052

Lassen County

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
 US Highway 395
 Star Route 1, Box 4
 Chilcoot, CA 96105
 (530) 993-4177; Fax (530) 993-4072

Los Angeles County

Marketing Services
Market Enforcement Branch
 1320 East Olympic Boulevard, Suite 214
 Los Angeles, CA 90021
 (213) 236-2451; Fax (213) 236-2454

Marketing Services
Milk Pooling Branch
 1320 East Olympic Boulevard, Suite 214
 Los Angeles, CA 90021
 (213) 239-0299; Fax (213) 239-0898

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
 Medfly Preventive Release Program
 5602 K Street
 Bell, CA 90201
 (323) 881-0040; Fax (323) 881-6950

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
 13915 Saticoy Street
 Van Nuys, CA 91402
 (818) 901-0719; Fax (818) 901-1424

Plant Health and Pest Prevention Services
Pest Exclusion Branch
 1300 Beacon Street, Suite 107
 San Pedro, CA 90731
 (310) 547-4319; Fax (310) 547-9598

Plant Health and Pest Prevention Services
Pest Exclusion Branch
 13915 Saticoy Street
 Van Nuys, CA 91402
 (818) 901-0719; Fax (818) 901-1424

Mendocino County

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
 3001 South State Street, Suite 26
 Ukiah, CA 95482
 (707) 468-5623; Fax (same as phone)

Modoc County

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
 South Highway 395
 HCO-1 Box 11200
 Alturas, CA 96101
 (530) 233-3618; Fax (530) 233-3618

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
 22485 State Highway 139-N
 Canby, CA 96015
 (530) 664-5836; Fax (same as phone)

Mono County

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
 US Highway 6
 HC72-Box 27211
 Benton, CA 93512
 (760) 933-2225; Fax (same as phone)

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
 120117 US Highway 395
 Topaz, CA 96133
 (530) 495-2301; Fax (530) 495-2301

Monterey County

Inspection Services
Shipping Point Inspection Branch
 1185 North Main, Suite 25
 Salinas, CA 93906
 (831) 443-3077; Fax (831) 443-3102

Inspection Services
Wine Grape Inspection
 9 West Gabilan, Suite 18
 Salinas, CA 93901
 (831) 753-7147; Fax (831) 753-7147

Nevada County

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
 11900 Interstate I-80
 Truckee, CA 96161
 (530) 587-3025; Fax (530) 587-6258

Orange County

Inspection Services
Avocado Inspection Program
 3315 East Mira Loma, Suite 120
 Anaheim, CA 92806
 (714) 996-6476; Fax (same as phone)

Inspection Services

Center for Analytical Chemistry

169 East Liberty Avenue
Anaheim, CA 92801
(714) 680-7901; Fax (714) 680-7919

Measurement Standards

Anaheim Regional Office

169 East Liberty Avenue
Anaheim, CA 92801
(714) 680-7896; Fax (714) 449-7249

Plant Health and Pest Prevention Services

Pest Detection/Emergency Projects

Medfly Preventive Release Program
3802 Constitution Avenue
Los Alamitos, CA 90720
(562) 795-1206; Fax (562) 795-1215

Plant Health and Pest Prevention Services

Pest Detection/Emergency Projects

935 East Discovery Lane, Building 6
Anaheim, CA 92801-1147
(714) 993-4301; Fax (714) 993-0748

Riverside County

Inspection Services

Avocado Inspection Program

27537 Commerce Center Drive, Suite 103
Temecula, CA 92590
(909) 676-6570; Fax (same as phone)

Inspection Services

Shipping Point Inspection Branch

Post Office Box 937
Coachella, CA 92236
(760) 398-0419; Fax (760) 398-2101

Inspection Services

Shipping Point Inspection Branch

3576 Arlington Avenue, Suite 209
Riverside, CA 92514
(909) 782-3235; Fax (909) 682-7865

Plant Health and Pest Prevention Services

Integrated Pest Control Branch

6143 Columbus Avenue
Riverside, CA 92504
(909) 782-4190; Fax (909) 782-4187

Plant Health and Pest Prevention Services

Pest Detection/Emergency Projects

6143 Columbus Avenue
Riverside, CA 92504
(909) 782-4190; Fax (909) 782-4187

Plant Health and Pest Prevention Services

Pest Detection/Emergency Projects

18700 Lake Perris Drive, Trailer Site 22
Perris, CA 92571
(909) 443-1186; Fax (909) 657-7146

Plant Health and Pest Prevention Services

Pest Exclusion— Agricultural Inspection Station

7116 East Interstate 10
Blythe, CA 92225
(760) 922-3666; Fax (760) 922-4466

Sacramento County

Animal Health and Food Safety Services

Milk and Dairy Foods Control Branch

1220 N Street, Room A-170
Sacramento, CA 95814
(916) 654-0773; Fax (916) 653-7512

Plant Health and Pest Prevention Services

Pest Exclusion Branch

3294 Meadowview Road
Sacramento, CA 95832
(916) 262-1100; Fax (916) 262-1190

San Bernardino County

Animal Health and Food Safety Services

Animal Health Branch

1910 South Archibald Avenue, Suite Y
Ontario, CA 91761
(909) 947-4462; Fax (909) 923-5128

Animal Health and Food Safety Services

California Animal Health and Food Safety

Laboratory System

105 West Central Avenue
San Bernardino, CA 92408
(909) 383-4287; Fax (909) 884-5980

Animal Health and Food Safety Services

Meat and Poultry Inspection Branch

1910 South Archibald Avenue, Suite X
Ontario, CA 91761-8502
(909) 773-0079; Fax (909) 923-3961

Animal Health and Food Safety Services

Milk and Dairy Foods Control Branch

1910 South Archibald Avenue, Suite W
Ontario, CA 91761-8502
(909) 923-9929; Fax (909) 923-0359

Inspection Services

Agricultural Commodity and Regulatory Services

1910 South Archibald Avenue, Suite W
Ontario, CA 91761-8502
(909) 930-9689; Fax (909) 923-5128

Plant Health and Pest Prevention Services

Pest Exclusion – Agricultural Inspection Station

Post Office Box 814
Interstate 40
Needles, CA 92363-0814
(760) 326-4150; Fax (760) 326-5016

Plant Health and Pest Prevention Services

Pest Exclusion – Agricultural Inspection Station

HCR 20, Post Office Box 410
State Highway 62
Vidal Junction, CA 92280
(760) 665-8405; Fax (760) 665-2933

Plant Health and Pest Prevention Services

Pest Exclusion - Agricultural Inspection Station

Post Office Box 518
Interstate 15
Yermo, CA 92398-0518
(760) 254-2233; Fax (760) 254-2863

San Diego County

Inspection Services

Avocado Inspection Program

326 State Place
Escondido, CA 92029
(760) 743-4712; Fax (760) 747-2279

Inspection Services

Shipping Point Inspection Branch

9765 Marconi Drive, Suite 102
San Diego, CA 92154
(619) 661-6355; Fax (619) 661-6963

Plant Health and Pest Prevention Services

Pest Detection/Emergency Projects

7845 Lemon Grove Way, Suite A
Lemon Grove, CA 91945
(619) 696-0211; Fax (619) 698-1347

Plant Health and Pest Prevention Services

Pest Detection/Emergency Projects

Red Imported Fire Ant Program
73710 Fred Waring Drive, Suite 211
Palm Desert, CA 92260
(760) 568-2314; Fax (760) 674-5742

Plant Health and Pest Prevention Services

Pest Exclusion Branch

7845 Lemon Grove Way, Suite A
Lemon Grove, CA 91945
(619) 698-1046; Fax (619) 698-1347

San Francisco County

Marketing Services

Market Enforcement Branch

5 Thomas Mellon Circle, Suite 232
San Francisco, CA 94134
(415) 469-6301; Fax (415) 469-6225

Plant Health and Pest Prevention Services

Pest Exclusion Branch

185 Berry Street, Suite 200-A
San Francisco, CA 94107
(415) 243-0563; Fax (415) 243-8358

San Joaquin County

Animal Health and Food Safety Services

Milk and Dairy Foods Control Branch

2403 West Washington Street, Room 10
Stockton, CA 95203
(209) 466-7186; Fax (209) 466-1738

Inspection Services

Agricultural Commodities and Regulatory Services

Grain and Commodity Inspection Program
2403 West Washington Street, Room 50
Stockton, CA 95203-2944
(209) 466-0441; Fax (209) 466-7218

Inspection Services

Shipping Point Inspection Branch

8338 North West Lane, Suite 101
Stockton, CA 95210
(209) 478-2011; Fax (209) 478-2529

Santa Barbara County

Inspection Services

Shipping Point Inspection Branch

Post Office Box 2652
Santa Maria, CA 93457
(805) 934-9236; Fax (805) 934-9236

Plant Health and Pest Prevention Services

Pest Detection/Emergency Projects

109 South La Patera Lane
Goleta, CA 93117
(805) 964-0712; Fax (805) 964-9654

Santa Clara County

Plant Health and Pest Prevention Services

Pest Detection/Emergency Projects

1890 Dobbin Drive
San Jose, CA 95133-1701
(408) 254-8573; Fax (408) 254-4143

Shasta County

Animal Health and Food Safety Services

Animal Health Branch

2135 Civic Center Drive, Suite 8
Redding, CA 96001
(530) 225-2140; Fax (530) 225-2240

Measurement Standards

Redding Regional Office

3609 Bechelli Lane, Suite E
Redding, CA 96080
(530) 224-2410; Fax (530) 224-4814

Plant Health and Pest Prevention Services

Integrated Pest Control Branch

20235 Charlanne Drive
Redding, CA 96002
(530) 224-2425; Fax (530) 224-2427

Siskiyou County

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
 US Highway 97
 Dorris, CA 96023
 (530) 397-4701; Fax (530) 397-4702

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
 14601 North Interstate 5
 Hornbrook, CA 96044
 (530) 475-3100; Fax (530) 475-3134

Solano County

Inspection Services
Agricultural Commodities and Regulatory Services
 800 Derr Street
 Vallejo, CA 94590-7731
 (707) 557-1928; Fax (707) 557-2278

Stanislaus County

Animal Health and Food Safety Services
Animal Health Branch
 3800 Cornucopia Way, Suite F
 Modesto, CA 95358-9494
 (209) 491-9340; Fax (209) 491-9342

Animal Health and Food Safety Services
California Animal Health and Food Safety Laboratory System
 1550 North Soderquist
 Turlock, CA 95381
 (209) 634-5837; Fax (209) 667-4261

Animal Health and Food Safety Services
Livestock Identification Branch
 3800 Cornucopia Way, Suite F
 Modesto, CA 95358
 (209) 491-9345; Fax (209) 491-9353

Inspection Services
Egg Quality Control Program
 4718 Greenleaf Court, Suite 4
 Modesto, CA 95356
 (209) 545-7315; Fax (209) 545-7313

Inspection Services
Shipping Point Inspection Branch
 2546 4th Street
 Ceres, CA 95307
 (209) 537-0733; Fax (209) 537-2314

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
 3800 Cornucopia Way, Suite F
 Modesto, CA 95358
 (209) 491-9340; Fax (209) 491-9342

Tulare County

Animal Health and Food Safety Services
Animal Health Branch
 18830 Road 112
 Tulare, CA 93274
 (559) 685-3500; Fax (559) 685-3503

Animal Health and Food Safety Services
California Animal Health and Food Safety Laboratory System
 18830 Road 112
 Tulare, CA 93274
 (559) 688-7543; Fax (559) 686-4231

Inspection Services
Shipping Point Inspection Branch
 1117 West Visalia Road
 Exeter, CA 93221
 (559) 592-3414; Fax (559) 592-3251

Plant Health and Pest Prevention Services
Integrated Pest Control Branch
 22847 Road 140
 Tulare, CA 93274
 (559) 686-4973; Fax (559) 686-5496

Plant Health and Pest Prevention Services
Integrated Pest Control Branch
 31603 Road 132
 Visalia, CA 93278
 (559) 733-0463; Fax (559) 733-0480

Ventura County

Inspection Services
Avocado Inspection Program
 1641 Pacifica Avenue, Suite 98
 Oxnard, CA 93033
 (805) 247-1203; Fax (same as phone)

Inspection Services
Shipping Point Inspection Branch
 Post Office Box 528
 Oxnard, CA 93032-0528
 (805) 340-0582; Fax (805) 483-1975

Yolo County

Animal Health and Food Safety Services
California Animal Health and Food Safety Laboratory System
 Post Office Box 1770
 University of California, Davis
 Davis, CA 95617-1770
 (530) 752-8700; Fax (530) 752-5680

Inspection Services
Agricultural Commodities and Regulatory Services
 Grain and Commodity Inspection Program
 2700 Industrial Boulevard
 West Sacramento, CA 95691
 (916) 445-6055; Fax (916) 327-5840

Inspection Services
Shipping Point Inspection Branch
 3120 Freeboard Drive, Suite 110
 West Sacramento, CA 95691
 (916) 371-8063; Fax (916) 371-8073

State of Arizona

Plant Health and Pest Prevention Services
Integrated Pest Control Branch
 3645 East Chipman Road
 Phoenix, AZ 85040
 (602) 379-6918; Fax (602) 379-4794

State of Hawaii

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
 Hawaii Fruit Fly Rearing Facility
 41-650 Waikupanaha Street
 Waimanaco, HI 96795
 (808) 259-6677; Fax (808) 259-5196

State of Oregon

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
 18071 Highway 199
 O'Brien, OR 97534
 (514) 596-2119; Fax (same as phone)



AGRICULTURAL PUBLICATIONS

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 2300 River Plaza Drive
 Sacramento, CA 95833
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www.cfbf.com

Agribusiness Dairyman

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 Sanger, CA 93657-0669
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www.agribusinesspublisher.com

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 Fresno, CA 93727-1549
 (559) 252-7000; Fax (559) 252-7387

Agribusiness Fresh Fruit and Raisin News

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Almond Facts

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 Sacramento, CA 95814
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www.bluediamond.com

American Small Farm Magazine

267 Broad Street
 Westerville, OH 43018
 (614) 895-3755; Fax (614) 895-3757
www.smallfarm.com

American Vegetable Grower

37733 Euclid Avenue
Willoughby, OH 44094-5992
(440) 942-2000
www.meisternet.com

American Vineyard Magazine

Post Office Box 626
Clovis, CA 93613-0626
(559) 298-6675; Fax (559) 323-6016
www.malcolmmmedia.com

California Agricultural Technology Institute Update

California State University, Fresno
2910 East Barstow Avenue, M/S 115
Fresno, CA 93740-8009
(559) 278-2361; Fax (559) 278-4849
http://cati.csufresno.edu

California Agriculture

1111 Franklin Street, 6th Floor
Oakland, CA 94607-5200
(510) 987-0044; Fax (510) 465-2659
http://danr.ucop.edu/calag

California Aquatic Farming

3700 Chaney Court
Carmichael, CA 95608
(916) 944-7315; Fax (916) 944-2256
www.caa-aqua.org

California-Arizona Cotton

4969 East Clinton Way, Suite 104
Fresno, CA 93727-1549
(559) 252-7000; Fax (559) 252-7387

California Cattleman Magazine

1221 H Street
Sacramento, CA 95814
(916) 444-0845; Fax (916) 444-2194

California Country Magazine

California Farm Bureau Federation
2300 River Plaza Drive
Sacramento, CA 95833
(916) 561-5570; Fax (916) 561-5695
www.cfbf.com

California Country TV

California Farm Bureau Federation
2300 River Plaza Drive
Sacramento, CA 95833
(916) 561-5550; Fax (916) 561-5695
www.cacountrytv

California Dairy Magazine

Post Office Box 626
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California Farmer

1355 Willow Way, Suite 260
Concord, CA 94520-5208
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California Forests

California Forestry Association
1215 K Street, Suite 1830
Sacramento, CA 95814
(916) 444-6592; Fax (916) 444-0170
www.foresthealth.org

California Grange News

2101 Stockton Boulevard
Sacramento, CA 95817-1336
(916) 454-5805; Fax (916) 739-8189
www.grange.org

California Grower

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www.rinconpublishing.com

California Pear Grower Newsletter

California Pear Growers
1220 Melody Lane, Suite 160
Roseville, CA 95678
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California Tomato Grower

California Tomato Growers Association
10730 Siskiyou Lane
Stockton, CA 95267-0398
(209) 478-1761; Fax (209) 478-9460
www.ctga.org

California Wheat

California Wheat Commission
Post Office Box 2267
Woodland, CA 95776-2267
(530) 661-1292; Fax (530) 661-1332
www.californiawheat.org

Central Valley Farmer

Post Office Box 626
Clovis, CA 93613-0626
(559) 298-6675; Fax (559) 323-6016
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Citrograph

4969 East Clinton Way, Suite 104
Fresno, CA 93727-1549
(559) 252-7000; Fax (559) 252-7387

Cling Peach Review

California Canning Peach Association
2300 River Plaza Drive, Suite 110
Sacramento, CA 95833
(916) 925-9131; Fax (916) 925-9030

Coastal Grower

Post Office Box 1315
Salinas, CA 93902
(831) 757-2616; Fax (831) 422-0868

Diamond of California

Post Office Box 1727
Stockton, CA 95201-1727
(209) 467-6000; Fax (209) 467-6709
www.diamondnuts.com

Grape Grower

4969 East Clinton Way, Suite 104
Fresno, CA 93727-1549
(559) 252-7000; Fax (559) 252-7387

Kiwifruit Growers Update

California Kiwifruit Commission
9845 Horn Road, Suite 160
Sacramento, CA 95827
(916) 362-7490; Fax (916) 362-7993
www.kiwifruit.org

National Organic Directory 2001

Community Alliance with Family Farmers
Post Office Box 363
Davis, CA 95617
(530) 756-8518; Fax (530) 756-7857
www.caff.org

Nut Grower

4969 East Clinton Way, Suite 104
Fresno, CA 93727-1549
(559) 252-7000; Fax (559) 252-7387

On The Deck

California Agricultural Aircraft Association
1404B Flightline Drive
Lincoln, CA 95648
(916) 645-9747; Fax (916) 645-9749

Pacific Coast Nurseryman

105 North Vermont Avenue
Glendora, CA 91740
(626) 914-3916; Fax (626) 914-3751

Pacific Nut Producer Magazine

Post Office Box 626
Clovis, CA 93613-0626
(559) 298-6675; Fax (559) 323-6016
www.malcolmmmedia.com

The Packer

10901 West 84 Terrace, Suite 200
Shawnee Mission, KS 66214
(913) 438-8700; Fax (913) 438-0695
www.thepacker.com

Peach Fuzz

California Canning Peach Association
2300 River Plaza Drive, Suite 110
Sacramento, CA 95833
(916) 925-9131; Fax (916) 925-9030
www.calpeach.com/peachfuzz.html

Plum Good News

California Dried Plum Board
3841 North Freeway Boulevard, Suite 120
Sacramento, CA 95834
(916) 565-6232; Fax (916) 565-6237
www.prunes.org

Small Farm News

Small Farm Center
University of California, Davis
One Shields Avenue
Davis, CA 95616
(530) 752-8136; Fax (530) 752-7716
www.sfc.ucdavis.edu

Sunkist Magazine

14130 Riverside Drive
Sherman Oaks, CA 91423
(818) 986-4800; Fax (818) 379-7511
www.sunkist.com

Tree Fruit Magazine

4969 East Clinton Way, Suite 104
Fresno, CA 93727-1549
(559) 252-7000; Fax (559) 252-7387

Valley Grower Magazine

Post Office Box 3635
El Centro, CA 92244
(760) 352-5555; Fax (760) 352-6300

Vegetable Magazine

4969 East Clinton Way, Suite 104
Fresno, CA 93727-1549
(559) 252-7000; Fax (559) 252-7387

Vegetables West Magazine

Post Office Box 626
Clovis, CA 93613-0626
(559) 298-6675; Fax (559) 323-6016
www.malcolmmmedia.com

Western Dairy Business Magazine

9500 South Laspina Street, Suite 218
Tulare, CA 93274
(559) 687-3160; Fax (559) 687-3166
www.dairybusiness.com

Western Farm Press

659 West Shaw, Suite B
Fresno, CA 93704
(559) 248-8755; Fax (559) 248-8757
www.homefarm.com

Western Fruit Grower
3509 Coffee Road, Suite D-18
Modesto, CA 95355
(209) 573-8740; Fax (209) 577-2737

Western Grower and Shipper
Western Growers Association
17620 Fitch Street
Irvine, CA 92714
(949) 863-1000; Fax (949) 863-9028
www.wga.com

Wines and Vines
1800 Lincoln Avenue
San Rafael, CA 94901-1298
(415) 453-9700; Fax (415) 453-2517
www.winesandvines.com



CALIFORNIA ADVISORY BOARDS AND COMMISSIONS

Alfalfa
Alfalfa Seed Production Research Board
531-D North Alta Avenue
Dinuba, CA 93618
(559) 591-4792; Fax (559) 591-5744
E-mail: monfortms@aol.com

Apples
California Apple Commission
4974 East Clinton Way, Suite 125
Fresno, CA 93727
(559) 456-0900; Fax (559) 456-0125
www.calapple.org

Artichokes
California Artichoke Advisory Board
10719 Merritt Street
Castroville, CA 95012
(831) 633-4411; Fax (831) 633-0215
www.artichokes.org

Asparagus
California Asparagus Commission
311 East Main Street, Suite 204
Stockton, CA 95202
(209) 474-7581; Fax (209) 474-9105
www.calasparagus.com

Avocados
California Avocado Commission
1251 East Dyer Road, Suite 210
Santa Ana, CA 92705-5631
(714) 558-6761; Fax (714) 641-7024
www.avocado.org

Beans
Dry Bean Advisory Board
531-D North Alta Avenue
Dinuba, CA 93618
(559) 591-4866; Fax (559) 591-5744
E-mail: monfortms@psnw.com

Beef
California Beef Council
5726 Sonoma Drive, Suite A
Pleasanton, CA 94566
(925) 484-2333; Fax (925) 484-2686
www.calbeef.org

Buy California
Buy California Marketing Agreement
1220 N Street, Suite A-444
Sacramento, CA 95814
(916) 651-7265; Fax (916) 654-0403

Carrots
California Fresh Carrot Advisory Board
531-D North Alta Avenue
Dinuba, CA 93618
(559) 591-5675; Fax (559) 591-5744
www.carrots.org

Celery
California Celery Research Advisory Board
531-D North Alta Avenue
Dinuba, CA 93618
(559) 591-0434; Fax (559) 591-5744
E-mail: monfortms@psnw.com

Cherries
California Cherry Marketing Program
Post Office Box 877
Lodi, CA 95241
(209) 368-0685; Fax (209) 368-4309
E-mail: ccab@softcom.net

Citrus
Citrus Research Board
323 West Oak
Visalia, CA 93279
(559) 738-0246; Fax (559) 738-0607
www.citrusresearch.org

Dairy Products
California Manufacturing Milk Advisory Board
3800 Cornucopia Way, Suite D
Modesto, CA 95358
(209) 525-6875; Fax (209) 525-6899

California Milk Processor Advisory Board
1801A 4th Street
Berkeley, CA 94710
(510) 883-1085; Fax (510) 883-1088
www.getmilk.com

California Milk Producers Advisory Board
400 Oyster Point Boulevard, Suite 220
South San Francisco, CA 94080
(650) 871-6455; Fax (650) 583-7328
www.realcaliforniamilk.com

Dairy Council of California
1101 National Drive, Suite B
Sacramento, CA 95834-1274
(916) 263-3560; Fax (916) 263-3566
www.dairycouncilofca.org

Dates
California Date Commission
Post Office Box 1736
Indio, CA 92201
(760) 347-4510; Fax (760) 347-6374
www.californiadates.org

Eggs
California Egg Commission
Post Office Box 220
Upland, CA 91785-0220
(916) 448-3826; Fax (916) 448-3850
www.eggcom.com

Figs
California Fig Advisory Board
3425 North 1st Street, Suite 109
Fresno, CA 93726
(559) 224-3447; Fax (559) 224-3449
www.californiafigs.com

California Fig Agreement
Post Office Box 709
Fresno, CA 93726
(559) 224-3447; Fax (559) 224-3449

Flowers
California Cut Flower Commission
135 Maher Road
Watsonville, CA 95076
(831) 728-7333; Fax (831) 728-7337
www.cffc.org

Forest Products
California Forest Products Commission
853 Lincoln Way, Suite 208
Auburn, CA 95603
(530) 823-2363; Fax (530) 823-1850
www.calforests.org

Garlic and Onions
California Garlic and Onion Dehydrator Advisory Board
Post Office Box 470
Stockton, CA 95201
(209) 466-8247; Fax (209) 941-2719

Grapes
California Grape Rootstock Improvement Commission
1521 I Street
Sacramento, CA 95814
(916) 441-2031; Fax (916) 446-1063

California Table Grape Commission
392 West Fallbrook, Suite 101
Fresno, CA 93711-6150
(559) 447-8350; Fax (559) 447-9184
www.tablegrape.com

Lake County Winegrape Commission
Post Office Box 877
Lakeport, CA 95453
(707) 995-3421; Fax (707) 995-3618
www.lakecountywinegrape.org

Lodi-Woodbridge Winegrape Commission
2545 West Turner Road
Lodi, CA 95242
(209) 367-4727; Fax (209) 367-0737
www.lodiwine.com

Kiwifruit

California Kiwifruit Commission
9845 Horn Road, Suite 160
Sacramento, CA 95827
(916) 362-7490; Fax (916) 362-7993
www.kiwifruit.org

Lettuce

California Lettuce Research Program
512 Pajaro Street
Salinas, CA 93901
(831) 424-3782; Fax (831) 424-3785
www.calettuceresearchboard.org

Melons

California Melon Research Board
531-D North Alta Avenue
Dinuba, CA 93618
(559) 591-0435; Fax (559) 591-5744
E-mail: monfortms@psnw.com

Cantaloupe Advisory Board

531-D North Alta Avenue
Dinuba, CA 93618
(559) 591-5715; Fax (559) 591-5744
E-mail: monfortms@psnw.com

Peaches

California Cling Peach Board
531-D North Alta Avenue
Dinuba, CA 93618
(559) 595-1425; Fax (559) 591-5744
www.calclingpeach.com

Pears

California Pear Advisory Board
1521 I Street
Sacramento, CA 95814
(916) 441-0432; Fax (916) 446-1063
www.calpear.com

Peppers

California Pepper Commission
531-D North Alta Avenue
Dinuba, CA 93618
(559) 591-3925; Fax (559) 591-5744
E-mail: monfortms@aol.com

Pistachios

California Pistachio Commission
1318 East Shaw Avenue, Suite 420
Fresno, CA 93710
(559) 221-8294; Fax (559) 221-8044
www.pistachios.org

California Pistachio Marketing Agreement

1318 East Shaw Avenue, Suite 420
Fresno, CA 93710
(559) 221-8294; Fax (559) 221-8044

Plums

California Plum Marketing Program
Post Office Box 968
Reedley, CA 93654-0968
(559) 638-8260; Fax (559) 638-8842
E-mail: ctfashphrd@aol.com

Plums, Dried (Prunes)

California Dried Plum Board
3841 North Freeway Boulevard, Suite 120
Sacramento, CA 95834
(916) 565-6232; Fax (916) 565-6237
www.californiadriedplums.org

Potatoes

California Potato Research Advisory Board
531-D North Alta Avenue
Dinuba, CA 93618
(559) 591-0436; Fax (559) 591-5744
E-mail: monfortms@psnw.com

Raisins

California Raisin Marketing Board
Post Office Box 5195
Fresno, CA 93755
(559) 248-0287; Fax (559) 224-7016
www.calraisins.org

Rice

California Rice Commission
701 University Avenue, Suite 205
Sacramento, CA 95825-6757
(916) 929-2264; Fax (916) 929-2553
www.calrice.org

California Rice Research Board

Post Office Box 507
Yuba City, CA 95992
(530) 673-6247; Fax (530) 674-0426
www.syix.com/rrb

California Wild Rice Board

335 Teegarden Street
Yuba City, CA 95991
(530) 673-1927; Fax (530) 671-4664

Seafood

California Salmon Council
Post Office 2255
Folsom, CA 95763
(916) 933-7050; Fax (916) 933-7055
www.calkingalmon.org

California Seafood Council

Post Office Box 91540
Santa Barbara, CA 93190
(805) 693-5430; Fax (805) 569-8052
www.ca-seafood.org

Seed

California Seed Advisory Board
c/o California Department of Food and
Agriculture
1220 N Street, Room A-372
Sacramento, CA 95814
(916) 654-0493; Fax (916) 654-0986

Sheep

California Sheep Commission
Post Office Box 1520
Folsom, CA 95763
(916) 933-7667; Fax (916) 933-7055
www.californialamb.com

Strawberries

California Strawberry Commission
Post Office 269
Watsonville, CA 95077-0269
(831) 724-1301; Fax (831) 724-5973
www.calstrawberry.com

Processing Strawberry Advisory Board

Post Office Box 929
Watsonville, CA 95077-0929
(831) 724-5454; Fax (831) 724-0295

Tomatoes

California Tomato Commission
1625 East Shaw Avenue, Suite 106
Fresno, CA 93710
(559) 230-0116; Fax (559) 230-0635
www.tomato.org

Processing Tomato Advisory Board

Post Office Box 1800
Davis, CA 95617-7504
(530) 759-7501; Fax (530) 759-7504

Walnuts

California Walnut Commission
1540 River Park Drive, Suite 203
Sacramento, CA 95815
(916) 646-3807; Fax (916) 923-2548
www.walnuts.org

Wheat

California Wheat Commission
1240 Commerce, Suite A
Woodland, CA 95776
(530) 661-1292; Fax (530) 661-1332
www.californiawheat.org



CALIFORNIA AGRICULTURAL ORGANIZATIONS

General

African American Farmers of California

Post Office Box 12464
Fresno, CA 93778-2464
(559) 442-0276; Fax (559) 442-4721
E-mail: wijodypo@aol.com

Ag Against Hunger

820 Park Row, Suite 707
Salinas, CA 93901
(831) 755-1480; Fax (831) 755-1484

Ag Foundation

2300 River Plaza Drive
Sacramento, CA 95833
(916) 561-5500; Fax (916) 561-5699

AgFresno Farm Equipment Show

1121 Chance Avenue
Fresno, CA 93702
(559) 650-3247; Fax (559) 650-3226
www.fresnofair.com

Agricultural Council of California

1225 H Street
Sacramento, CA 95814
(916) 443-4887; Fax (916) 443-0601
www.agcouncil.org

Agricultural Crime Technology Information and Operations Network

4500 South Laspina Street, Suite 226
Tulare, CA 93274
(559) 685-4850; Fax (559) 685-4852
www.agcrime.org

Agricultural Education Foundation

Post Office Box 6058
Atascadero, CA 93423-6058
(805) 461-7070; Fax (805) 461-7066
www.agleaders.org

Agricultural Energy Consumers Association

925 L Street, Suite 800
Sacramento, CA 95814
(916) 447-6206; Fax (916) 441-4132
www.aeca.com

Agricultural Leadership Alumni

Post Office Box 6056
Atascadero, CA 93423-6056
(805) 461-7070; Fax (805) 461-7066
www.agleaders.org

The Agricultural Network

Post Office Box 19897
Sacramento, CA 95819-0897
(916) 434-9409; Fax (916) 434-9409

AgSafe

Post Office Box 614
Clovis, CA 93613
(559) 278-4404; Fax (559) 278-7035
www.agsafe.org

AgTac-Southern California Edison

4175 South Laspina Street
Tulare, CA 93274
(800) 772-4822; Fax (559) 685-3788
www.sce.com/agtac

Alliance for Alternative Agriculture

1840 Biddle Ranch Road
San Luis Obispo, CA 93401
(805) 594-1700; Fax (805) 594-1808

Alliance for Food and Farming

10866 Wilshire Boulevard, Suite 550
Los Angeles, CA 90024
(310) 446-1827; Fax (310) 446-1896
www.foodsafetyalliance.org

Association of Applied IPM Ecologists

Post Office Box 10880
Napa, CA 94581
(707) 265-9349; Fax (same as phone)
www.aaie.com

Association of Natural Biocontrol Producers

10202 Cowan Heights Drive
Santa Ana, CA 92705
(714) 544-8295 Fax; (same as phone)
www.anbp.org

Bio-Dynamic Farming and Gardening Association

Presidio, Building 1002B
San Francisco, CA 94129
(415) 561-7797; Fax (415) 561-7796

Cal Ranch

356 Truesdale Road
Shandon, CA 93461
(805) 238-5703; Fax (805) 239-9082

California Agricultural Aircraft Association

1404 B Flightline Drive
Lincoln, CA 95648
(916) 645-9747; Fax (916) 645-9749
E-mail: caaa@psyber.com

California Agricultural Commissioners and Sealers Association

316 Nelson Avenue
Oroville, CA 95965-3318
(530) 538-7381; Fax (530) 538-7594
E-mail: butteag@buttecounty.net

California Agricultural Production Consultants Association

1143 North Market Boulevard, Suite 7
Sacramento, CA 95834
(916) 928-1625; Fax (916) 928-0705
www.capca.com

California Agricultural Teachers' Association

1100 N Street, Suite 1D
Sacramento, CA 95814
(916) 443-2282; Fax (916) 448-0766
www.calagteachers.org

California Association of Farm Advisors and Specialists

2145 Wardrobe Avenue
Merced, CA 95340-6496
(209) 385-7403
E-mail: mnorton@ucdavis.edu

California Biomass Energy Alliance

1330 21st Street, Suite 201
Sacramento, CA 95814
(916) 444-8333; Fax (916) 444-3314
www.calbiomass.org

California Certified Crop Advisors

1005 12th Street, Suite A
Sacramento, CA 95814
(916) 446-1435; Fax (916) 446-0181
www.cacca.org

California Certified Organic Farmers

1115 Mission Street
Santa Cruz, CA 95060
(831) 423-2263; Fax (831) 423-4528
www.ccof.org

California Chamber of Commerce

Agricultural/Natural Resources Committee
1215 K Street, 14th Floor
Sacramento, CA 95814
(916) 444-6670; Fax (916) 444-6685
www.calchamber.com

California Exotic Pest Plant Council

210 Robbins Hall
University of California, Davis
Davis, CA 95616
(530) 754-8715; Fax (530) 752-4604
www.caleppc.org

California Farm Bureau Federation

2300 River Plaza Drive
Sacramento, CA 95833
(916) 561-5500; Fax (916) 561-5699
www.cfbf.com

California Farmers Union

2881 Geer Road, Suite D
Turlock, CA 95382
(209) 632-0381; Fax (209) 632-5262
www.calfu.org

California FarmLink

Post Office Box 2224
Sebastopol, CA 95472
(707) 585-2965
www.californiafarmlink.org

California Fertilizer Association

1801 I Street, Suite 200
Sacramento, CA 95814
(916) 446-3316; Fax (916) 446-3067
www.calfertilizer.org

California Foundation for Agriculture in the Classroom

2300 River Plaza Drive
Sacramento, CA 95833
(916) 561-5625; Fax (916) 561-5697
www.cfaitec.org

California Grower Foundation

176 Main Street, Suite C
Saint Helena, CA 94574
(707) 963-7191; Fax (707) 963-5728

California Heartland

Post Office Box 6
Sacramento, CA 95812
(916) 929-5843; Fax (916) 929-4342
www.californiaheartland.org

California Institute for Rural Studies

221 G Street, Suite 204
Davis, CA 95616-4550
(530) 756-6555; Fax (530) 756-7429
www.cirsinc.org

California League of Food Processors

980 9th Street, Suite 230
Sacramento, CA 95814
(916) 444-9260; Fax (916) 444-2746
www.clfp.com

California Minor Crops Council

4500 South Laspina Street, Suite 214
Tulare, CA 93274
(559) 688-5700; Fax (559) 688-5527
www.minorcrops.org

California Plant Health Association

1801 I Street, Suite 200
Sacramento, CA 95814
(916) 446-3316; Fax (916) 446-3067
www.cpha.net

California Rural Crime Prevention Task Force

Office of the Attorney General
Crime Prevention Center
1300 I Street, Suite 1150
Sacramento, CA 95814
(916) 324-7863; Fax (916) 327-2384
www.caag.state.ca.us/cvpc

California State Grange

2101 Stockton Boulevard
Sacramento, CA 95817
(916) 454-5805; Fax (916) 739-8189
www.grange.org/cagrange

California Weed Science Society

Post Office Box 3073
Salinas, CA 93912-3073
(831) 422-0883
www.cwss.org

California Women for Agriculture

2818 East Hamilton
Fresno, CA 93721
(559) 237-2474; Fax (559) 237-4929
www.cawomen4ag.com

Center for Urban Education about Sustainable Agriculture

2000 Van Ness Avenue, Suite 512
San Francisco, CA 94109
(415) 353-5650; Fax (415) 440-2206
www.ferryplazafarmersmarket.com

Colusa Farm Show

1303 10th Street
Colusa, CA 95932
(530) 458-2641; Fax (530) 458-2645
www.thefarmshow.com

Commonwealth Club of California

Food and Farming Section
595 Market Street
San Francisco, CA 94105
(415) 597-6700; Fax (415) 597-6729
www.commonwealthclub.org

Community Alliance with Family Farmers

36355 Russell Boulevard
Davis, CA 95617
(530) 756-8518; Fax (530) 756-7857
www.caff.org

The Ecological Farming Association

406 Main Street, Suite 313
Watsonville, CA 95076
(831) 763-2111; Fax (831) 763-2112
www.csa-efc.org

Exotic Fruit Fly Coalition

1540 East Shaw Avenue, Suite 120
Fresno, CA 93710
(559) 226-6330; Fax (559) 222-8326

Far West Equipment Dealers Association

2355 North Lincoln Street
Dixon, CA 95620-9215
(707) 678-8859; Fax (707) 678-0125
www.fweda.com

Farm Safety 4 Just Kids

1201 L Street
Modesto, CA 95354
(209) 552-7278; Fax (209) 521-9938
www.fs4jk.org

Fresh Produce and Floral Council

6301 Beach Boulevard, Suite 150
Buena Park, CA 90621
(714) 739-0177; Fax (714) 739-0226
www.fafc.org

Fresno Chamber of Commerce

Agribusiness Council
Post Office Box 1469
Fresno, CA 93716
(559) 495-4800; Fax (559) 495-4811
www.fresnochamber.com

Future Farmers of America Foundation

Post Office Box 1283
Sacramento, CA 95812-1283
(916) 443-2282; Fax (916) 448-0766

Great Valley Center

911 13th Street
Modesto, CA 95354
(209) 522-5103; Fax (209) 522-5116
www.greatvalley.org

Heidrick Ag History Center

1962 Hays Lane
Woodland, CA 95776
(530) 666-9700; Fax (530) 666-9712
www.aghhistory.org

Hmong American Community Center

Post Office Box 16315
Fresno, CA 93755
(559) 237-4919; Fax (559) 237-5905

Independent Growers Association

33 El Camino Real
Greenfield, CA 93927
(831) 674-5547; Fax (831) 674-3835

International Agri-Center, Inc.

4450 South Laspina Street
Tulare, CA 93275-1475
(559) 688-1751; Fax (559) 686-5065
www.farmshow.org

Los Angeles Area Chamber of Commerce

Natural Resources and Environment Council
350 South Bixel Street
Los Angeles, CA 90017
(213) 580-7500; Fax (213) 580-7511
www.lachamber.org

Madera District Chamber of Commerce

Agribusiness Committee
120 North E Street
Madera, CA 93638
(559) 673-3563; Fax (559) 673-5009
E-mail: madcofc@madnet.net

Marin Agricultural Land Trust

520 Mesa Road
Point Reyes Station, CA 94956
(415) 663-1158; Fax (415) 663-1099
www.malt.org

Merced County Farmlands and Open Space Trust

4890 South Healy Road
Merced, CA 95340
(209) 722-1372; Fax (209) 722-2395
www.mcfost.org

Modesto Chamber of Commerce

Ag-Aware Program
1114 J Street
Modesto, CA 95353
(209) 577-5757; Fax (209) 577-2673
www.modchamber.org

Multinational Exchange for Sustainable Agriculture

5337 College Avenue, Suite 508
Oakland, CA 94618
(510) 654-8858 Fax; (603) 699-2459
www.mesaprogram.org

Organic Farming Research Foundation

Post Office Box 440
Santa Cruz, CA 95061
(831) 426-6606; Fax (831) 426-6670
www.ofrf.org

Pacific Coast Producers

631 North Cluff Avenue
Lodi, CA 95241-1600
(209) 367-8800; Fax (209) 367-1084
www.pcoastp.com

People's Organization for Land Preservation

Post Office Box 447
Linden, CA 95236
(209) 887-3937

Pesticide Applicators Professional Association

223 John Street
Salinas, CA 93901
(831) 442-3536; Fax (831) 442-2351
www.papaseminars.com

Rural Development Center

744 LaGuardia Street, Suite A
Salinas, CA 93905
(831) 757-5294; Fax (831) 424-7289

Stockton Ag Expo

c/o Greater Stockton Chamber of Commerce
445 West Weber, Suite 220
Stockton, CA 95203
(209) 547-2770; Fax (209) 466-5271
www.stocktonchamber.org

Tulelake Growers Association

Post Office Box 338
Tulelake, CA 96134
(530) 667-5214; Fax (530) 667-3919
E-mail: tgatopromoteag@cot.net

United Agribusiness League

54 Corporate Park
Irvine, CA 92606-5105
(800) 223-4590; Fax (949) 975-1671
www.ual.org

United Fresh Fruit and Vegetable Association

Western Regional Office
512 Pajaro Street
Salinas, CA 93901
(831) 422-0940; Fax (831) 422-2892
www.uffva.org

Ventura County Agricultural Association

916 West Ventura Boulevard
Camarillo, CA 93010
(805) 388-2727; Fax (805) 388-2767

Western Fairs Association

1776 Tribute Road, Suite 210
Sacramento, CA 95815-4495
(916) 927-3100; Fax (916) 927-6397
www.fairsnet.org

Western Growers Association

17620 Fitch Street
Irvine, CA 92614
(949) 863-1000; Fax (949) 863-9028
www.wga.com

World Ag Expo

4450 South Laspina Street
Tulare, CA 93275
(559) 688-1751; Fax (559) 686-5065
www.farmshow.org

Animals and Livestock GENERAL

All West/Select Sires

Post Office Box 1803
Turlock, CA 95381
(800) 278-8254; Fax (209) 667-8379

California Animal Nutrition Conference

1521 I Street
Sacramento, CA 95814
(916) 441-2272; Fax (916) 446-1063
www.cgfa.org

California Association of Meat Processors

Post Office Box 201
Penryn, CA 95663
(916) 660-0598; Fax (same as phone)
E-mail: campvicki@jps.net

California Veterinary Medical Association

1400 River Park Drive, Suite 1100
Sacramento, CA 95815
(916) 649-0599; Fax (916) 646-9156
www.cvma.net

North Coast Livestock Protective Association

c/o Sonoma County Farm Bureau
970 Piner Road
Santa Rosa, CA 95403
(707) 544-5575; Fax (707) 544-7452

Pacific Coast Renderers Association

Post Office Box 2415
San Francisco, CA 94126
(415) 441-2121; Fax (415) 441-2221

Producers Livestock Marketing Association

Post Office Box 510
Madera, CA 93639
(559) 674-4674; Fax (559) 674-8351
www.producerslivestock.com

BEEES AND HONEY

California State Beekeepers Association

8242 Alderson Road
Hughson, CA 95326
(209) 667-4590; Fax (209) 667-4590

Sacramento Area Beekeepers Association

2110 X Street
Sacramento, CA 95818
(916) 451-2337; Fax (916) 451-7008

Sioux Honey Association

Post Office Box 668
Anaheim, CA 92815
(714) 776-4112; Fax (714) 776-6481
www.suebeehoney.com

Western Apicultural Society of North America

2110 X Street
Sacramento, CA 95818
(916) 451-2337; Fax (916) 451-7008
E-mail: nstewart@cwnet.com

CATTLE

California Beef Cattle Improvement Association

644 Coolidge Street
Davis, CA 95616
(530) 756-0971; Fax (530) 756-3831
www.calcattlemen.org/cbcia

California Beef Council

5726 Sonoma Drive, Suite A
Pleasanton, CA 94566
(925) 484-2333; Fax (925) 484-2686
www.calbeef.org

California-Nevada Polled Hereford Association

8500 Rock Springs Road
Penryn, CA 95663
(916) 663-1142; Fax (916) 663-4141

Western Brahman Breeders Association

Post Office Box 2542
Turlock, CA 95381
(209) 667-1442; Fax (209) 667-5572

CATTLEMEN'S ASSOCIATIONS

California Cattlemen's Association

1221 H Street
Sacramento, CA 95814-1910
(916) 444-0845; Fax (916) 444-2194
www.calcattlemen.org

Amador-El Dorado-Sacramento Cattlemen's Association

Post Office Box 5084
El Dorado Hills, CA 95762
(916) 933-0180

Butte Cattlemen's Association

Post Office Box 522
Biggs, CA 95917
(916) 868-1151

Calaveras Cattlemen's Association

Post Office Box 134
San Andreas, CA 95249
(209) 772-9217

Contra Costa-Alameda Cattlemen's Association

Post Office Box 711
Livermore, CA 94550
(925) 449-1107

Fall River-Big Valley Cattlemen's Association

539-540 Pitville Road
McArthur, CA 96056
(530) 336-5925

Fresno-Kings Cattlemen's Association

California State University, Fresno
Fresno, CA 93740-0075
(559) 278-4793

Glenn-Colusa Cattlemen's Association

Post Office Box 330
Colusa, CA 95932-0330
(530) 696-0807

High Desert Cattlemen's Association

Post Office Box 1837
Barstow, CA 92312
(760) 252-1350

Humboldt-Del Norte Cattlemen's Association

1770 Timmons Lane
Arcata, CA 95521-9290
(707) 826-2755

Inyo-Mono-Alpine Cattlemen's Association

1650 North Sierra Highway
Bishop, CA 93514-2097
(760) 873-5801

Kern Cattlemen's Association

Rural Route 1, Box 60
McFarland, CA 93250-9801
(661) 399-2981

Lake Cattlemen's Association

Post Office Box 37
Upper Lake, CA 95485-0037
(707) 263-8100

Lassen Cattlemen's Association

Post Office Box 1167
Susanville, CA 96130
(530) 257-3133

Madera Cattlemen's Association

2758 Ben Hur Road
Raymond, CA 93653
(209) 966-3022

Mendocino Cattlemen's Association

14000 East Eel River Road
Potter Valley, CA 95469
(707) 743-1630; Fax (707) 743-1850

Merced-Mariposa Cattlemen's Association

6554 South Healy Road
Merced, CA 95340

Modoc Cattlemen's Association

Post Office Box 1892
Alturas, CA 96101
(530) 233-2517

Monterey Cattlemen's Association

Star Route, Box 65
San Ardo, CA 93450
(831) 627-2453; Fax (831) 627-2655

Napa-Solano Cattlemen's Association

7 Esperson Court
Rio Vista, CA 94571
(707) 374-5112

Plumas-Sierra Cattlemen's Association

Post Office Box 9
Meadow Valley, CA 95956-0009
(530) 283-2615

San Benito Cattlemen's Association

5177 Coalinga Road
Paicines, CA 95043
(831) 385-3023

San Diego-Imperial Cattlemen's Association

Post Office Box 330
Santa Ysabel, CA 92070-0330
(760) 765-3381; Fax (760) 765-3382

San Joaquin-Stanislaus Cattlemen's Association

5902 Twin Cities Road
Elk Grove, CA 95758
(916) 684-7764

San Luis Obispo Cattlemen's Association

1155 Montecito Road
Cayucos, CA 93430-1506
(805) 995-3782

Santa Barbara Cattlemen's Association

Post Office Box 338
Santa Ynez, CA 93460-0338
(805) 688-9421; Fax (805) 688-1561

Santa Clara Cattlemen's Association

1150 West San Carlos Street
San Jose, CA 95126-3440
(408) 295-2182

Santa Cruz Cattlemen's Association

84 Hecker Pass Road
Watsonville, CA 95076-9776
(831) 722-1838

Shasta Cattlemen's Association
28187 Williams Ranch Road
Millville, CA 96062
(530) 472-3814; Fax (530) 472-3814

Siskiyou Cattlemen's Association
Post Office Box 1514
Callahan, CA 96014
(530) 467-3405

Sonoma-Marin Cattlemen's Association
1643 Baird Road
Santa Rosa, CA 95409
(707) 539-2563

Southern California Cattlemen's Association
3121 Mulberry Street
Riverside, CA 92501-2992
(909) 686-7555

Tahoe Cattlemen's Association
7160 Horseshoe Bar
Loomis, CA 95650
(916) 652-5441

Tehama Cattlemen's Association
General Delivery
Manton, CA 96059
(530) 474-3355

Tulare Cattlemen's Association
25236 Yokohl Drive
Exeter, CA 93221
(559) 592-5209

Tuolumne Cattlemen's Association
8920 Montezuma Road
Jamestown, CA 95327
(209) 984-4309

Ventura Cattlemen's Association
143 North Madrid
Newbury Park, 91320
(805) 498-6446

Yolo Cattlemen's Association
24707 Main Street
Capay, CA 95607
(916) 796-3390

Yuba-Sutter Cattlemen's Association
Post Office Box 54
Wheatland, CA 95692-0054
(530) 633-2908

DAIRY

Alliance of Western Milk Producers
1225 H Street, Suite 102
Sacramento, CA 95814
(916) 447-9941; Fax (916) 447-9942
E-mail: milkjet@aol.com

California Cheese and Butter Association
1721 Indian Wells Way
Clayton, CA 94517
(925) 672-8255; Fax (925) 673-0268
www.cacheeseandbutter.org

California Creamery Operators Association
1730 Portola Street
San Luis Obispo, CA 93405
(805) 544-3061; Fax (805) 781-9659

California Dairy, Inc.
11709 East Artesia Boulevard
Artesia, CA 90702
(562) 865-1291; Fax (562) 860-8633

California Dairy Research Foundation
502 Mace Boulevard, Suite 12
Davis, CA 95616
(530) 753-0681; Fax (530) 753-1453
www.cdrrf.org

California Jersey Cattle Association
9483 Columbus Avenue
Hilmar, CA 95324
(209) 632-8656; Fax (209) 632-1292

Californians for Nutritious Milk
Post Office Box 2470
Sacramento, CA 95812
(916) 441-3617; Fax (916) 441-4132

Challenge Dairy Products
Post Office Box 2369
Dublin, CA 94568
800-733-1479; Fax (925) 828-4016
www.challengedairy.com

Dairy Council of California
1101 National Drive, Suite B
Sacramento, CA 95834
(916) 263-3560; Fax (916) 263-3566
www.dairycouncilofca.org

Dairy Institute of California
1127 11th Street, Suite 718
Sacramento, CA 95814
(916) 441-6921; Fax (916) 441-0802
www.dairyinstitute.org

Dairy Issues Forum
400 Capitol Mall, Suite 2640
Sacramento, CA 95814
(916) 441-7606; Fax (916) 441-7622

Dairyman's Cooperative Creamery Association
Land O' Lakes
400 South M Street
Tulare, CA 93274
(559) 687-8287; Fax (559) 685-6942

Humboldt Creamery
572 Highway 1
Fortuna, CA 95540-9711
(707) 725-6182; Fax (707) 725-6186
www.humboldtdairy.com

Milk Producers Council
13545 Euclid Avenue
Ontario, CA 91761
(909) 628-6018; Fax (909) 591-7328

Western United Dairymen
1315 K Street
Modesto, CA 95354
(209) 527-6453; Fax (209) 527-0630
www.westernuniteddairymen.com

DAIRY HERD IMPROVEMENT ASSOCIATIONS

California Dairy Herd Improvement Association
150 Clovis Avenue, Suite 102
Clovis, CA 93612
(559) 323-2600; Fax (559) 323-2603
www.cdhia.org

Arcata Dairy Herd Improvement Association
2126 Mad River Road
Arcata, CA 95521
(707) 822-0140

Del Norte Dairy Herd Improvement Association
Post Office Box 266
Smith River, CA 95567
(707) 487-3843

El Dorado Dairy Herd Improvement Association
2246 East Washington Street
Petaluma, CA 94954
(707) 778-0291

Fresno Dairy Herd Improvement Association
2563 South Sarah
Fresno, CA 93706
(559) 233-7133; Fax (559) 233-0732

Kings Dairy Herd Improvement Association
870 Greenfield Avenue
Hanford, CA 93230
(559) 582-2010; Fax (559) 582-0407

Merced Dairy Herd Improvement Association
241 Business Park Way
Atwater, CA 95031
(209) 356-0355; Fax (209) 356-0103

North Bay Dairy Herd Improvement Association
5609 Verni Road
Sebastopol, CA 95472
(707) 823-5135

Southern Counties Dairy Herd Improvement Association
7000 Merrill Avenue, Box 10, Building 4
Chino, CA 91710
(909) 597-2111; Fax (909) 597-3926

Stanislaus Dairy Herd Improvement Association
725B North Tully Road
Turlock, CA 95380
(209) 632-9818; Fax (209) 632-7646

Tulare Dairy Herd Improvement Association
100 West Inyo
Tulare, CA 93274
(559) 686-6173; Fax (559) 686-3107

EQUINE

California Dressage Society
Post Office Box 417
Carmel Valley, CA 93924
(831) 659-5696; Fax (831) 659-2383

California Harness Horse Breeders Association
Post Office Box 254767
Sacramento, CA 95865
(916) 263-7888; Fax (916) 263-7887

California Horse Racing Board
1010 Hurley Way, Suite 300
Sacramento, CA 95825
(916) 263-6000; Fax (916) 263-6042
www.chrb.ca.gov

California Reining Horse Association

21900 Dunlap Drive
Perris, CA 92571
(909) 928-5378; Fax (909) 928-5378
www.calreining.com

California State Horsemen's Association

264 Clovis Avenue, Suite 109
Clovis, CA 93612
(559) 325-1055; Fax (559) 325-1056
www.calstatehorsemen.com

California Thoroughbred Breeders Association

201 Colorado Place
Arcadia, CA 91066-6018
(626) 445-7800; Fax (626) 574-0852
www.ctba.com

Pacific Coast Quarter Horse Association

560 Wall Street, Suite A
Auburn, CA 95603
(530) 823-5991; Fax (530) 823-6653
www.pcqha.com

West Coast Reining Horse Association

11525 Bruceville Road
Elk Grove, CA 95758
(916) 684-2555; Fax (916) 684-5401
www.wcrha.com

FISH

California Aquaculture Association

3700 Chaney Court
Carmichael, CA 95608
(916) 944-7315; Fax (916) 944-2256
E-mail: jgmalan@aol.com

California Fisheries and Seafood Institute

1521 I Street
Sacramento, CA 95814
(916) 441-5560; Fax (916) 446-1063
www.fishhead123.aol.com

California Salmon Council

Post Office 2255
Folsom, CA 95763-2255
(916) 358-2960; Fax (916) 358-2961
www.calkingsalmon.org

California Seafood Council

Post Office Box 91540
Santa Barbara, CA 93190
(805) 693-5430; Fax (805) 569-8052
www.ca-seafood.org

Fisherman's Marketing Association

Columbia District
320 2nd Street, Suite 2B
Eureka, CA 95501
(707) 442-3789; Fax (707) 442-9166
www.trawl.org

HOGS

California Pork Producers Association

1225 H Street, Suite 106
Sacramento, CA 95814-1910
(916) 447-8950; Fax (916) 443-1506
E-mail: capork@email.msn.com

LLAMAS

California/International Llama Association

18965 Lambert Lake Road
Sonora, CA 95370
(209) 533-4403

OSTRICHES AND EMUS

California Emu Association

27398 Road 108
Visalia, CA 93277
(559) 734-3687; Fax (559) 627-3298
E-mail: legacy@juno.com

San Joaquin County Ostrich Association

6909 North Cox Road
Linden, CA 95236
(209) 887-3070; Fax (209) 887-3070

POULTRY AND EGGS

California Poultry Federation

3117-A McHenry Avenue
Modesto, CA 95350
(209) 576-6355; Fax (209) 576-6119
www.cpfif.org

Pacific Egg and Poultry Association

1521 I Street
Sacramento, CA 95814
(916) 441-0801; Fax (916) 446-1063
www.pacificegg.org

Squab Producers of California

409 Primo Way
Modesto, CA 95358
(209) 537-4744; Fax (209) 537-2037
www.squab.com

West Coast United Egg Producers

Post Office Box 2077
Folsom, CA 95763-2077
(916) 985-2323; Fax (916) 358-2961
www.unitedegg.org

SHEEP

California Wool Growers Association

1225 H Street, Suite 101
Sacramento, CA 95814-1910
(916) 444-8122; Fax (916) 443-0601
www.woolgrowers.org

Cal-Wool Marketing Association

1010 Shaw Road
Stockton, CA 95215
(209) 466-6866; Fax (209) 466-4439

Western Range Association

6060 Sunrise Vista Drive, Suite 2400
Citrus Heights, CA 95610
(916) 962-1500; Fax (916) 962-1626

Field Crops

ALFALFA AND HAY

Alfalfa Council

Post Office Box 1017
Davis, CA 95617-1017
(530) 752-0572; Fax (530) 752-4735

California Alfalfa and Forage Association

1521 I Street
Sacramento, CA 95814
(916) 441-2272; Fax (916) 446-1063
www.cgfa.org

San Joaquin Valley Hay Growers Association

Post Office Box 1127
Tracy, CA 95378-1127
(209) 835-1662; Fax (209) 835-0719
E-mail: haygrowr@inreach.com

BEANS

Cal-Bean and Grain Cooperative

Drawer D
Pixley, CA 93256
(559) 757-3581; Fax (559) 757-1324
E-mail: calbean@lightspeed.net

California Bean Shippers Association

1521 I Street
Sacramento, CA 95814
(916) 441-2514; Fax (916) 446-1063

COTTON

Calcot, Ltd.

1900 East Brundage Lane
Bakersfield, CA 93307
(661) 327-5961; Fax (661) 861-9870
www.calcot.com

California Cotton Ginners and Growers Associations

1941 North Gateway Boulevard, Suite 101
Fresno, CA 93727
(559) 252-0684; Fax (559) 252-0551
www.ccgga.org

California Planting Cotton Seed Distributors

561 North American Street
Shafter, CA 93263
(661) 399-1400; Fax (661) 399-3169
www.cpcsd.com

Mid-Valley Cotton Growers

626 West Cartmill Avenue
Tulare, CA 93274
(559) 686-2823; Fax (559) 685-1550
E-mail: cottonnl@lightspeed.net

GRAIN

California Association of Wheat Growers

8629 Bader Road
Elk Grove, CA 95624
(916) 682-3044; Fax (916) 682-0260
E-mail: makah@msn.com

California Grain and Feed Association

1521 I Street
Sacramento, CA 95814
(916) 441-2272; Fax (916) 446-1063
www.cgfa.org

Imperial Grain Growers

5 Shank Road
Brawley, CA 92227
(760) 344-0420; Fax (760) 344-1309

Newell Grain Growers Association

Post Office Box 576
Tulelake, CA 96134
(530) 667-2603; Fax (530) 667-4845

San Luis Obispo County Farm Bureau

Grain Improvement Association
651 Tank Farm Road
San Luis Obispo, CA 93401
(805) 543-3654; Fax (805) 543-3697

RICE

Associated Rice Marketing Cooperative

9287 Midway, Suite D
Durham, CA 95938
(530) 898-1180; Fax (530) 898-1209

California Cooperative Rice Research Foundation

955 Butte City Highway
Biggs, CA 95917
(530) 868-5481; Fax (530) 868-1730
www.crrf.org

California Rice Industry Association

701 University Avenue, Suite 205
Sacramento, CA 95825-6757
(916) 929-3996; Fax (916) 929-2553
www.calrice.org

Farmers' Rice Cooperative

2525 Natomas Park Drive, Suite 300
Sacramento, CA 95833
(916) 923-5100; Fax (916) 920-3321
www.farmersrice.com

Rice Producers of California

258 Main Street, Suite 207
Colusa, CA 95932
(530) 458-7423; Fax (530) 458-5769
www.riceproducers.com

SEED

California Crop Improvement Association

Frank G. Parsons Seed Certification Center
University of California, Davis
One Shields Avenue
Davis, CA 95616-8541
(530) 752-0544; Fax (530) 752-4735
http://ccia.ucdavis.edu

California Seed Association

1521 I Street
Sacramento, CA 95814
(916) 441-2251; Fax (916) 446-1063
www.calseed.org

Cal/West Seeds

41970 East Main Street
Woodland, CA 95776
(530) 666-3331; Fax (530) 666-5317
www.calwestseeds.com

SUGAR

C&H Sugar Company

830 Loring Avenue
Crockett, CA 94525
(510) 787-2121; Fax (510) 787-2058
www.chsugar.com

California Beet Growers Association

2 West Swain Road
Stockton, CA 95207-4395
(209) 477-5596; Fax (209) 477-1610
E-mail: cbga@cwnet.com

Floral and Nursery

California Association of Flower Growers and Shippers

77 Aspen Way, Suite 201
Watsonville, CA 95076
(831) 722-2424; Fax (831) 722-7474

California Association of Nurserymen

3947 Lenmane Drive, Suite 150
Sacramento, CA 95834
(916) 928-3900; Fax (916) 567-0505
www.can-online.org

California Flower Cooperative

Post Office Box 4819
Salinas, CA 93912
(831) 758-5553; Fax (831) 758-8640

California State Floral Association

1521 I Street
Sacramento, CA 95814
(916) 448-5266; Fax (916) 446-1063
www.flowersweb.com/csfa

Forest Products

Associated California Loggers

555 Capitol Mall, Suite 745
Sacramento, CA 95814
(916) 441-7940; Fax (916) 441-7942
www.calog.com

California Forestry Association

1215 K Street, Suite 1830
Sacramento, CA 95814
(916) 444-6592; Fax (916) 444-0170
www.foresthealth.org

California Redwood Association

405 Enfrente Drive, Suite 200
Novato, CA 94949
(415) 382-0662; Fax (415) 382-8531
www.calredwood.org

The Forest Foundation

853 Lincoln Way, Suite 208
Auburn, CA 95603
(530) 823-2363; Fax (530) 823-1850
www.callforests.org

Forest Landowners of California

3550 Watt Avenue, Suite 140
Sacramento, CA 95821
(916) 972-0273; Fax (916) 979-7892
www.forestlandowners.org

Fruits

GENERAL

California Grape and Tree Fruit League

1540 East Shaw Avenue, Suite 120
Fresno, CA 93710-8000
(559) 226-6330; Fax (559) 222-8326
www.cgftl.com

California Rare Fruit Growers

The Fullerton Arboretum-CSUF
Post Office Box 6850
Fullerton, CA 92834-6850
www.crfg.org

California Tree Fruit Agreement

975 I Street
Reedley, CA 93654-0968
(559) 638-8260; Fax (559) 638-8842
www.caltreefruit.com

Chilean Fresh Fruit Association

300 University Avenue, Suite 207
Sacramento, CA 95825
(916) 927-1217; Fax (916) 927-1297
www.cffa.org

Fruit Growers Laboratory

853 Corporation Street
Santa Paula, CA 93061-0272
(805) 659-0910; Fax (805) 525-4172
www.fglinc.com

APPLES

Apple Hill Growers

Post Office Box 494
Camino, CA 95709
(530) 644-7692; Fax (530) 644-7975
www.applehill.com

APRICOTS

Apricot Producers of California

2125 Wylie Drive, Suite 2-A
Modesto, CA 95355
(209) 524-0801; Fax (209) 524-3840
www.apricotproducers.com

California Fresh Apricot Council

19 Sherwood Court
San Francisco, CA 94127
(415) 584-4063; Fax (415) 584-3834

AVOCADOS

California Avocado Development Organization

28790 Las Haciendas Street
Temecula, CA 92390
(909) 676-4047; Fax (909) 676-1676

California Avocado Society

Post Office Box 4816
Saticoy, CA 93007
(805) 644-1184; Fax (805) 644-1184

BERRIES

Naturipe Berry Growers

Post Office Box 1630
Watsonville, CA 95077
(831) 768-2900; Fax (831) 728-9398
www.naturipe.com

CHERRIES

California Cherry Export Association

California Cherry Marketing Program
Post Office Box 877
Lodi, CA 95840
(209) 368-0685; Fax (209) 368-4309
www.calcherry.com

CITRUS

California Citrus Mutual

512 North Kaweah Avenue
Exeter, CA 93221-1200
(559) 592-3790; Fax (559) 592-3798
www.cacitrusmutal.com

California Citrus Nursery Society

c/o Paramount Citrus Association
36445 Road 172
Visalia, CA 93292
(559) 798-3170; Fax (559) 798-2806

California Citrus Quality Council

210 Magnolia Avenue, Suite 3
Auburn, CA 95603
(530) 885-1894; Fax (530) 885-1546
E-mail: jpettier@cwo.com

Sunkist Growers

14130 Riverside Drive
Sherman Oaks, CA 91423
(818) 379-7340; Fax (818) 379-7511
www.sunkist.com

DRIED FRUITS

California Dried Fruit Export Association

Dried Fruit Association of California
710 Striker Avenue
Sacramento, CA 95834-1112
(916) 561-5900; Fax (916) 561-5906
www.dfaofca.com

Raisin Administrative Committee

3445 North 1st Street, Suite 101
Fresno, CA 93726
(559) 225-0520; Fax (559) 225-0652
www.raisins.org

Raisin Bargaining Association

3425 North 1st Street, Suite 209
Fresno, CA 93726-6819
(559) 221-1925; Fax (559) 221-0725

Sun-Maid Growers of California

Post Office Box 9106
Pleasanton, CA 94566-9106
(925) 463-7400; Fax (925) 463-7456
www.sunmaid.com

Valley Fig Growers

2028 South 3rd Street
Fresno, CA 93702
(559) 237-3893; Fax (559) 237-3898
www.valleyfig.com

DRIED PLUMS (PRUNES)

Prune Bargaining Association

335 Teegarden, Suite B
Yuba City, CA 95991
(530) 674-5636; Fax (530) 674-3804
www.prunebargaining.com

Sunsweet Growers

901 North Walton Avenue
Yuba City, CA 95993
(530) 674-5010; Fax (530) 674-0132
www.sunsweetgrowers.com

GRAPES AND WINE

Allied Grape Growers

3475 West Shaw Avenue, Suite 103
Fresno, CA 93711
(559) 276-7021; Fax (559) 276-7129
www.alliedgrapegrowers.org

California Association of Winegrape Growers

555 University Avenue, Suite 250
Sacramento, CA 95825
(916) 924-5370; Fax (916) 924-5374
www.cawg.org

Central Coast Wine Grower Association

Post Office Box 1440
Santa Maria, CA 93456
(805) 928-4950; Fax (805) 928-2201
www.ccwga.org

Desert Grape Growers League of California

Post Office Box 70
Thermal, CA 92274
(760) 391-5488; Fax (760) 391-5489

Family Winemakers of California

1400 K Street, Suite 304
Sacramento, CA 95814
(916) 498-7500; Fax (916) 498-7505
www.familywinemakers.org

Napa Valley Vintners Association

899 Adams Street, Suite H
St. Helena, CA 94574
(707) 963-3388; Fax (707) 963-3488
www.napavinters.com

Wine Institute

425 Market Street, Suite 1000
San Francisco, CA 94105
(415) 512-0151; Fax (415) 442-0742
www.wineinstitute.org

Wine Market Council

5000 South Eliseo Drive, Suite 32
Greenbrae, CA 94904
(415) 925-1116; Fax (415) 925-1117

MELONS

California-Arizona Watermelon Association

Newhall Orchard
5721 East Telegraph
Piru, CA 93040
(805) 521-1756; Fax (805) 521-1528
www.h20melon.com

PEACHES

California Canning Peach Association

2300 River Plaza Drive, Suite 110
Sacramento, CA 95833
(916) 925-9131; Fax (916) 925-9030
www.calpeach.com

California Freestone Peach Association

1704 Herndon Road
Ceres, CA 95307
(209) 538-2372; Fax (209) 537-1043

PEARS

California Pear Growers

1521 I Street
Sacramento, CA 95814
(916) 441-0432; Fax (916) 446-1063
www.calpear.com

PLUMS

California Plum Marketing Program

Post Office Box 968
Reedley, CA 93654-0968
(559) 638-8260; Fax (559) 638-8842
E-mail: ctfashphrd@aol.com

Nuts

ALMONDS

Almond Board of California

1150 9th Street, Suite 1500
Modesto, CA 95354
(209) 549-8262; Fax (209) 549-8267
www.almondsarein.com

Almond Growers Council

Almond Hullers' Processing Association
2350 Lecco Way
Merced, CA 95340
(209) 723-7661; Fax (209) 723-7943
www.ahpa.net

Blue Diamond Growers

1802 C Street
Sacramento, CA 95812
(916) 442-0771; Fax (916) 446-8620
www.bluediamondgrowers.com

MACADAMIA NUTS

California Macadamia Society

Post Office Box 1298
Fallbrook, CA 92088-1298
(760) 728-8081; Fax (760) 728-8081

WALNUTS

Diamond Walnut Growers

1050 South Diamond Street
Stockton, CA 95205-1727
(209) 467-6000; Fax (209) 467-6709
www.diamondofcalifornia.com

Walnut Bargaining Association

542 5th Street, Suite 2
Lincoln, CA 95648
(916) 645-8835; Fax (916) 645-2997
E-mail: icardi@pacbell.net

Vegetables

GENERAL

Fresh Produce and Floral Council

6301 Beach Boulevard, Suite 150
Buena Park, CA 90621
(714) 739-0177; Fax (714) 739-0226
www.fpf.org

Grower-Shipper Vegetable Association of Central California

512 Pajaro Street
Salinas, CA 93901
(831) 422-8844; Fax (831) 422-0868
www.gsva.org

Imperial Valley Vegetable Growers Association

1000 Broadway
El Centro, CA 92243
(760) 353-1900; Fax (760) 353-3550

Western Growers Association

17620 Fitch Street
Irvine, CA 92614
(949) 863-1000; Fax (949) 863-9028
www.wga.com

BEETS

California Beet Growers Association

2 West Swain Road
Stockton, CA 95207-4395
(209) 477-5596; Fax (209) 477-1610

CORN

California Corn Growers

Post Office Box 726
Chowchilla, CA 93610
(559) 665-5775; Fax (559) 665-5733

LETTUCE

California Lettuce Research Program

512 Pajaro Street
Salinas, CA 93901
(831) 424-3782; Fax (831) 424-3785
www.calettuceresearchboard.org

MUSHROOMS

Mushroom Council

1875 Dublin Boulevard, Suite D-262
Dublin, CA 94568
(925) 556-5970; Fax (925) 556-5979
www.mushroomcouncil.com

OLIVES

California Olive Association

c/o California League of Food Processors
980 9th Street, Suite 230
Sacramento, CA 95814
(916) 444-9260; Fax (916) 444-2746
www.clfp.com

California Olive Committee

1903 North Fine, Suite 102
Fresno, CA 93727
(559) 456-9096; Fax (559) 456-9099
www.calolive.org

California Olive Growers

Oberti Olives
12806 Road 26
Madera, CA 93637
(559) 674-8741; Fax (559) 673-3960
www.californiaolivegrowers.com

Olive Growers Council

121 East Main Street, Suite 2
Visalia, CA 93291
(559) 734-1710; Fax (559) 625-4847

POTATOES

California Sweet Potato Growers Association

Post Office Box 534
Livingston, CA 95334
(209) 394-7935; Fax (209) 394-8433

Sweet Potato Council of California

Post Office 366
Livingston, CA 95334
(209) 358-1685; Fax (209) 358-2750

TOMATOES

California Tomato Growers Association

10730 Siskiyou Lane
Stockton, CA 95267-0398
(209) 478-1761; Fax (209) 478-9460
www.ctga.org

Central California Tomato Growers Cooperative

Post Office Box 696
Merced, CA 95341
(209) 722-8086; Fax (209) 383-2084



CALIFORNIA FAIR NETWORK

Alameda County Fair

4501 Pleasanton Avenue
Pleasanton, CA 94566
(925) 426-7600; Fax (925) 426-7599
www.alamedacountyfair.com

Amador County Fair (26th District)

18621 Sherwood and School
Plymouth, CA 95669
(209) 245-6921; Fax (209) 245-6923

Antelope Valley Fair (50th District)

155 East Avenue I
Lancaster, CA 93535
(661) 948-6060; Fax (661) 942-2135
www.avfair.com

Big Fresno Fair (21st District)

1121 South Chance Avenue
Fresno, CA 93702
(559) 650-3247; Fax (559) 650-3226
www.fresnofair.com

Butte County Fair

199 East Hazel Street
Gridley, CA 95948
(530) 846-3626; Fax (530) 846-5924
www.buttecountyfair.com

Calaveras County Fair & Jumping Frog Jubilee (39th District)

2465 Gun Club Road
Angels Camp, CA 95222
(209) 736-2561; Fax (209) 736-2476
www.frogtown.org

California Exposition & State Fair

1600 Exposition Boulevard
Sacramento, CA 95815
(916) 263-3247; Fax (916) 263-3304
www.bigfun.org

California Mid-State Fair (16th District)

2198 Riverside Avenue
Paso Robles, CA 93446
(805) 239-0655; Fax (805) 238-5308
www.midstatefair.com

California Mid-Winter Fair & Fiesta (45th District)

200 East 2nd Street
Imperial, CA 92251
(760) 355-1181; Fax (760) 355-1425
www.ivexpo.com

Chowchilla-Madera County Fair

1000 South 3rd Street
Chowchilla, CA 93610
(559) 665-3728; Fax (559) 665-3720
www.ci.chowchilla.ca.us/fair.html

Cloverdale Citrus Fair

1 Citrus Fair Drive
Cloverdale, CA 95425
(707) 894-3992; Fax (707) 894-9553
www.cloverdale.net/citrusfa

Colorado River Country Fair (54th District)

11995 Olive Lake Boulevard
Blythe, CA 92225
(760) 922-3247; Fax (760) 922-6196
www.coloradoriverfair.com

Colusa County Fair (44th District)

1303 10th Street
Colusa, CA 95932
(530) 458-2641; Fax (530) 458-2645
www.thefarmshow.com

Contra Costa County Fair (23rd District)

1201 West 10th Street
Antioch, CA 94509
(925) 757-4400; Fax (925) 757-9514
www.ccfair.org

Cow Palace, San Francisco (1-A District)

2600 Geneva Avenue
Daly City, CA 94014
(415) 469-4100; Fax (415) 337-0941
www.cowpalace.com

Del Mar Fair (22nd District)

2260 Jimmy Durante Boulevard
Del Mar, CA 92014
(858) 755-1161; Fax (858) 755-7820
www.delmarfair.com

Del Norte County Fair (41st District)

421 Highway 101 North
Crescent City, CA 95531
(707) 464-9556; Fax (707) 464-9519
E-mail: dnfair@cc.northcoast.com

Desert Empire Fair (53rd District)

520 South Richmond Road
Ridgecrest, CA 93555
(760) 375-8000; Fax (760) 375-8134
www.ridgecrest.ca.us/~defceo

Dixon May Fair (36th District)

655 South 1st Street
Dixon, CA 95620
(707) 678-5529; Fax (707) 678-4765
www.dixonmayfair.com

Eastern Sierra Tri-County Fair (18th District)

Sierra Street and Fair Drive
Bishop, CA 93514
(760) 873-3588; Fax (760) 873-8874
E-mail: tricounty@qnet.com

El Dorado County Fair

100 Placerville Drive
Placerville, CA 95667
(530) 621-5860; Fax (530) 295-2566
www.eldoradocountyfair.org

Farmers Fair & Festival (46th District)

18700 Lake Perris Drive
Perris, CA 92571
(909) 657-4221; Fax (909) 657-5412
www.farmersfair.com

Glenn County Fair (42nd District)

221 East Yolo Street
Orland, CA 95963
(530) 865-1168; Fax (530) 865-1197

Gold Country Fair (20th District)

1273 High Street
Auburn, CA 95603
(530) 823-4533; Fax (530) 885-3225
E-mail: gcf@newworld.net

Humboldt County Fair

1250 5th Street
Ferndale, CA 95536
(707) 786-9511; Fax (707) 786-9450
E-mail: humcou1@northcoast.com

Inter-Mountain Fair of Shasta County

44218 A Street
McArthur, CA 96056
(530) 336-5695; Fax (530) 336-6845
www.intermountainfair.com

Kern County Fair (15th District)

1142 South P Street
Bakersfield, CA 93307
(661) 833-4900; Fax (661) 836-2743
www.kerncountyfair.com

Kings Fair (24-A District)

801 South 10th Avenue
Hanford, CA 93230
(559) 584-3318; Fax (559) 584-0192

Lake County Fair (49th District)

401 Martin Street
Lakeport, CA 95453
(707) 263-6181; Fax (707) 263-7706
www.lakecountyfair.com

Lassen County Fair

195 Russell Avenue
Susanville, CA 96130
(530) 257-4104; Fax (530) 257-2098

Lodi Grape Festival & Harvest Fair

413 East Lockeford Street
Lodi, CA 95240
(209) 369-2771; Fax (209) 369-9185
www.grapefestival.com

Los Angeles County Fair

1101 West McKinley Avenue
Pomona, CA 91768
(909) 623-3111; Fax (909) 865-3602
www.fairplex.com

Madera District Fair (21-A District)

1850 West Cleveland Avenue
Madera, CA 93637
(559) 674-8511; Fax (559) 674-4516

Marin County Fair & Exposition

Avenue of the Flags
San Rafael, CA 94903
(415) 499-6400; Fax (415) 499-3700
www.marinfair.org

Mariposa County Fair & Homecoming (35-A District)

5007 Fairgrounds Road
Mariposa, CA 95338
(209) 966-2432; Fax (209) 966-6273
www.mariposafair.com

Mendocino County Fair & Apple Show

14400 Highway 128
Boonville, CA 95415
(707) 895-3011; Fax (707) 895-3011
www.mendocountyfair.com

Merced County Fair (35th District)

900 Martin Luther King Jr. Way
Merced, CA 95340
(209) 722-1507; Fax (209) 722-3773
www.mercedcountyfair.com

Merced County Spring Fair

403 F Street
Los Banos, CA 93635
(209) 826-5166; Fax (209) 826-8737

Modoc-The Last Frontier Fair (34th District)

1 Center Street
Cedarville, CA 96104
(530) 279-2315; Fax (530) 279-2555
www.hdo.net/~modocfair

Monterey County Fair (7th District)

2004 Fairground Road
Monterey, CA 93940
(831) 372-5863; Fax (831) 372-8248
www.montereycountyfair.com

Mother Lode Fair (29th District)

220 Southgate Drive
Sonora, CA 95370
(209) 532-7428; Fax (209) 532-3573
www.motherloadfair.com

Napa County Fair

1435 Oak Street
Calistoga, CA 94515
(707) 942-5111; Fax (707) 942-5125
www.fairsnet.org/fairs/ca/calistoga

Napa Town & Country Fair (25th District)

575 3rd Street
Napa, CA 94559
(707) 253-4900; Fax (707) 253-4943
www.napavalleyexpo.com

National Orange Show

689 South E Street
San Bernardino, CA 92408
(909) 888-6788; Fax (909) 889-7666
www.nationalorangeshow.com

Nevada County Fair (17th District)

11228 McCourtney Road
Grass Valley, CA 9594
(530) 273-6217; Fax (530) 273-1146
www.nevadacountyfair.com

Orange County Fair & Exposition (32nd District)

88 Fair Drive
Costa Mesa, CA 92626
(714) 708-3247; Fax (714) 641-1783
www.ocfair.com

Placer County Fair

800 All American Boulevard
Roseville, CA 95678
(916) 786-2023; Fax (916) 786-2139
www.placercountyfair.org

Plumas-Sierra County Fair

204 Fairgrounds Road
Quincy, CA 95971
(530) 283-6272; Fax (530) 283-6431
E-mail: pscfair@psln.com

Redwood Acres Fair (9th District)

3750 Harris Street
Eureka, CA 95503
(707) 445-3037; Fax (707) 445-1583
www.redwoodacres.com

Redwood Empire Fair (12th District)

1055 North State Street
Ukiah, CA 95482
(707) 462-3884; Fax (707) 462-2641
www.redwoodempirefair.com

Riverside County Fair & National Date Festival

46-350 Arabia Street
Indio, CA 92201
(760) 863-8247; Fax (760) 863-8973
www.datefest.org

Sacramento County Fair (52nd District)

1600 Exposition Boulevard
Sacramento, CA 95815
(916) 263-2975; Fax (916) 263-2973
www.sacramentocountyfair.com

Salinas Valley Fair

625 Division Street
King City, CA 93930
(831) 385-3243; Fax (831) 385-3345
www.salinasvalleyfair.com

San Benito County Fair (33rd District)

9000 Airline Highway
Tres Pinos, CA 95075
(831) 628-3421; Fax (831) 628-3551
E-mail: sbcfair@hollinet.com

San Benito County Saddle Horse Show, Rodeo & Fair

9000 Airline Highway
Tres Pinos, CA 95075
(831) 628-3545; Fax (831) 628-3551

San Bernardino County Fair (28th District)

14800 7th Street
Victorville, CA 92392
(760) 951-2200; Fax (760) 951-2419
www.sbcfair.com

San Fernando Valley Fair (51st District)

1611 North San Fernando Boulevard
Burbank, CA 91504
(818) 557-1600; Fax (818) 557-0600
www.sfvvalleyfair.org

San Joaquin County Fair (2nd District)

1658 South Airport Way
Stockton, CA 95206
(209) 466-5041; Fax (209) 466-5739
www.sanjoaquinfair.com

San Mateo County Exposition & Fair

2495 South Delaware Street
San Mateo, CA 94403
(650) 574-3247; Fax (650) 574-3985
www.sanmateocountyfair.com

Santa Barbara County Fair & Expo (19th District)

3400 Calle Real
Santa Barbara, CA 93105
(805) 687-0766; Fax (805) 569-5595
www.earlwarren.com

Santa Clara County Fair

344 Tully Road
San Jose, CA 95111
(408) 494-3100; Fax (408) 998-7223
www.thefair.org

Santa Cruz County Fair (14th District)

2601 East Lake Avenue
Watsonville, CA 95076
(831) 724-5671; Fax (831) 761-5827
www.santacruzcountyfair.com

Santa Maria Fair Park (37th District)

937 South Thornburg Street
Santa Maria, CA 93458
(805) 925-8824; Fax (805) 922-4135
www.santamariafairpark.com

Schools Involvement Fair (48th District)

312 Paseo Tesoro
Walnut, CA 91789
(909) 594-3991; Fax (909) 598-1260
www.schoolsinvolvement.org

Shasta District Fair (27th District)

1890 Briggs Street
Anderson, CA 96007
(530) 378-6789; Fax (530) 378-6788
www.shastadistrictfair.com

Silver Dollar Fair (3rd District)

2357 Fair Street
Chico, CA 95928
(530) 895-4666; Fax (530) 895-6987

Siskiyou Golden Fair (10th District)

1712 Fairlane Road
Yreka, CA 96097
(530) 842-2767; Fax (530) 842-4724
www.sisqfair.com

Solano County Fair

900 Fairgrounds Drive
Vallejo, CA 94589
(707) 551-2000; Fax (707) 642-7947
www.scfair.org

Sonoma County Fair & Exposition

1350 Bennett Valley Road
Santa Rosa, CA 95404
(707) 545-4200; Fax (707) 573-9342
www.sonomacountyfair.com

Sonoma-Marin Fair (4th District)

175 Fairgrounds Drive
Petaluma, CA 94952
(707) 283-3247; Fax (707) 283-3250
www.sonoma-marinfair.org

Stanislaus County Fair (38th District)

900 North Broadway
Turlock, CA 95380
(209) 668-1333; Fax (209) 668-0410
www.stancofair.com

Tehama District Fair (30th District)

650 Antelope Boulevard
Red Bluff, CA 96080
(530) 527-5920; Fax (530) 527-1511

Trinity County Fair

South Highway 3
Hayfork, CA 96041
(530) 628-5223; Fax (530) 628-4171

Tulare County Fair (24th District)

215 Martin Luther King
Tulare, CA 93274
(559) 686-4707; Fax (559) 686-7238
www.tularefair.org

Tulelake-Butte Valley Fair (10-A District)

800 South Main Street
Tulelake, CA 96134
(530) 667-5312; Fax (530) 667-3944
www.cot.net/~tulefair/tbvfairgrounds

Ventura County Fair at Seaside Park (31st District)

10 West Harbor Boulevard
Ventura, CA 93001
(805) 648-3376; Fax (805) 648-1012
www.seasidepark.org

Yolo County Fair (40th District)

1250 East Gum Avenue
Woodland, CA 95776
(530) 662-5393; Fax (530) 662-6547
www.yolocountyfair.com

Yuba-Sutter Fair (13th District)

442 Franklin Avenue
Yuba City, CA 95991
(530) 674-1280; Fax (530) 674-2196
www.yubasutterfair.com



CALIFORNIA AGRICULTURAL COMMISSIONERS

California Agricultural Commissioners and Sealers Association

316 Nelson Avenue
Oroville, CA 95965-3318
(530) 538-7381; Fax (530) 538-7594

Alameda County

224 West Winton Avenue, Room 184
Hayward, CA 94544-1215
(510) 670-5232; Fax (510) 783-3928

Alpine County

311 Fair Lane
Placerville, CA 95667-4195
(530) 621-5520; Fax (530) 626-4756

Amador County

12200-B Airport Road
Jackson, CA 95642-2399
(209) 223-6487; Fax (209) 223-3312

Butte County

316 Nelson Avenue
Oroville, CA 95965-3318
(530) 538-7381; Fax (530) 538-7594

Calaveras County

891 Mountain Ranch Road
San Andreas, CA 95249-9709
(209) 754-6504; Fax (209) 754-6521

Colusa County

100 Sunrise Boulevard, Suite F
Colusa, CA 95932-3246
(530) 458-0580; Fax (530) 458-5000

Contra Costa County

2366 A Stanwell Circle
Concord, CA 94520-5666
(925) 646-5250; Fax (925) 646-5732

Del Norte County

2650 Washington Boulevard
Crescent City, CA 95531-8627
(707) 464-7235; Fax (707) 465-6044

El Dorado County

311 Fair Lane
Placerville, CA 95667-4195
(530) 621-5520; Fax (530) 626-4756

Fresno County

1730 South Maple Avenue
Fresno, CA 93702-4596
(559) 456-7510; Fax (559) 456-7379

Glenn County

720 North Colusa Street
Willows, CA 95988
(530) 934-6501; Fax (530) 934-6503

Humboldt County

5630 South Broadway
Eureka, CA 95503
(707) 441-5260; Fax (707) 445-7220

Imperial County

150 South 9th Street
El Centro, CA 92243-2801
(760) 339-4314; Fax (760) 353-9420

Inyo County

County Services Building
207 West South Street
Bishop, CA 93514-3492
(760) 873-7860; Fax (760) 872-1610

Kern County

1001 South Mount Vernon Avenue
Bakersfield, CA 93307-2851
(661) 868-6300; Fax (661) 868-6301

Kings County

680 North Campus Drive, Suite B
Hanford, CA 93230-3556
(209) 582-3211 Ext. 2831; Fax (209) 582-5251

Lake County

883 Lakeport Boulevard
Lakeport, CA 95453-5407
(707) 263-0217; Fax (707) 263-1052

Lassen County

175 Russell Avenue
Susanville, CA 96130-4215
(530) 251-8110; Fax (530) 257-6515

Los Angeles County

12300 Lower Azusa Road
Arcadia, CA 91006
(626) 575-5472; Fax (626) 350-3243

Madera County

332 Madera Avenue
Madera, CA 93637-5499
(559) 675-7876; Fax (559) 674-4071

Marin County

1682 Novato Boulevard, 150-A
Novato, CA 94947-7021
(415) 449-6700; Fax (415) 499-7543

Mariposa County

5009 Fairgrounds Road
Mariposa, CA 95338-0905
(209) 966-2075; Fax (209) 966-2056

Mendocino County

579 Low Gap Road
Ukiah, CA 95482-3745
(707) 463-4208; Fax (707) 463-0240

Merced County

2139 Wardrobe Avenue
Merced, CA 95340-6495
(209) 385-7431; Fax (209) 725-3536

Modoc County

202 West 4th Street
Alturas, CA 96101
(530) 233-6401; Fax (530) 233-5542

Mono County

County Services Building
207 West South Street
Bishop, CA 93514-3492
(760) 873-7860; Fax (760) 872-1610

Monterey County

1428 Abbott Street
Salinas, CA 93901-4013
(831) 759-7325; Fax (831) 422-5003

Napa County

1710 Soscol Avenue, Suite 3
Napa, CA 94559-1315
(707) 253-4357; Fax (707) 253-4881

Nevada County

255 South Auburn Street
Grass Valley, CA 95945-7289
(530) 273-2648; Fax (530) 273-1713

Orange County

1750 South Douglass Road, Building D
Anaheim, CA 92806-6050
(714) 447-7100; Fax (714) 567-6203

Placer County

11477 E Avenue
Auburn, CA 95603-2799
(530) 889-7372; Fax (530) 823-1698

Plumas County

208 Fairgrounds Road
Quincy, CA 95971-9462
(530) 283-6365; Fax (530) 283-4210

Riverside County

4080 Lemon Street, Room 19
Riverside, CA 92502-1480
(909) 955-3045; Fax (909) 955-3012

Sacramento County

4137 Branch Center Road
Sacramento, CA 95827-3897
(916) 875-6603; Fax (916) 875-6150

San Benito County

3224 Southside Road
Hollister, CA 95023
(408) 637-5344; Fax (408) 637-9015

San Bernardino County

777 East Rialto Avenue
San Bernardino, CA 92415-0720
(909) 387-2115; Fax (909) 387-2449

San Diego County

5555 Overland Avenue, Building 3
San Diego, CA 92123-1292
(858) 694-2741; Fax (858) 565-7046

San Francisco County

501 Cesar Chavez Street, Suite 109-A
San Francisco, CA 94124-1209
(415) 285-5010; Fax (415) 285-8776

San Joaquin County

1868 East Hazelton Avenue
Stockton, CA 95201
(209) 468-3300; Fax (209) 468-3330

San Luis Obispo County

2156 Sierra Way, Suite A
San Luis Obispo, CA 93401-4556
(805) 781-5910; Fax (805) 781-1035

San Mateo County

728 Heller Street
Redwood City, CA 94064-0999
(650) 363-4700; Fax (650) 367-0130

Santa Barbara County

263 Camino del Remedio
Santa Barbara, CA 93110-1335
(805) 681-5600; Fax (805) 681-5603

Santa Clara County

1553 Berger Drive, Building 1
San Jose, CA 95112-2795
(408) 918-4600; Fax (408) 286-2460

Santa Cruz County

175 Westridge Drive
Watsonville, CA 95076-2797
(831) 763-8080; Fax (831) 763-8255

Shasta County

3179 Bechelli Lane, Suite 210
Redding, CA 96002-2041
(530) 224-4949; Fax (530) 224-4951

Sierra County

208 Fairgrounds Road
Quincy, CA 95971-9462
(530) 283-6365; Fax (530) 283-4210

Siskiyou County

525 South Foothill Drive
Yreka, CA 96097-3090
(530) 841-4025; Fax (530) 842-6690

Solano County

501 Texas Street
Fairfield, CA 94533-4497
(707) 421-7465; Fax (707) 429-0827

Sonoma County

2604 Ventura Avenue, Room 101
Santa Rosa, CA 95403-2810
(707) 565-2371; Fax (707) 565-3850

Stanislaus County

3800 Cornucopia Way, Suite B
Modesto, CA 95358
(209) 525-4730; Fax (209) 525-4790

Sutter County

142 Garden Highway
Yuba City, CA 95991
(530) 822-7500; Fax (530) 822-7510

Tehama County

1760 Walnut Street
Red Bluff, CA 96080-0038
(530) 527-4504; Fax (530) 529-1049

Trinity County

Post Office Box 1466
Weaverville, CA 96093-1466
(530) 623-1356; Fax (530) 623-1391

Tulare County

4437 South Laspina Street
Tulare, CA 93274
(559) 685-3323; Fax (559) 685-3335

Tuolumne County

22365 South Airport Road
Columbia, CA 95310
(209) 533-5691; Fax (209) 533-5520

Ventura County

815 East Santa Barbara Street
Santa Paula, CA 93060
(805) 933-3165; Fax (805) 525-8922

Yolo County

70 Cottonwood Street
Woodland, CA 95695-2557
(530) 666-8140; Fax (530) 662-6094

Yuba County

938 14th Street
Marysville, CA 95901
(530) 741-6484; Fax (530) 743-4442



COUNTY SEALERS OF WEIGHTS & MEASURES

Kern County

1116 East California Avenue
Bakersfield, CA 93307
(805) 868-6300; Fax (805) 324-0668

Riverside County

2950 Washington Street
Riverside, CA 92502-1480
(909) 955-3030; Fax (909) 276-4728

Ventura County

800 South Victoria Avenue, Suite 1750
Ventura, CA 93009
(805) 654-2444; Fax (805) 654-5177



COUNTY FARM BUREAUS

California Farm Bureau Federation

2300 River Plaza Drive
Sacramento, CA 95833
(916) 561-5500; Fax (916) 561-5699
www.cfbf.com

Alameda County Farm Bureau

638 Enos Way, Suite 1
Livermore, CA 94551
(925) 449-1677; Fax (same as phone)

Amador County Farm Bureau

14545 Carriage Way
Jackson, CA 95642
(209) 223-9095; Fax (same as phone)

Butte County Farm Bureau

2580 Feather River Boulevard
Oroville, CA 95965
(530) 533-1473; Fax (530) 533-6508
E-mail: buttecfb@northvalley.net

Calaveras County Farm Bureau

891 Mountain Ranch Road
San Andreas, CA 95249
(209) 772-3987; Fax (same as phone)
E-mail: calcofb@goldrush.com

Colusa County Farm Bureau

520 Market Street, Suite 1
Colusa, CA 95932
(530) 458-5130; Fax (530) 458-5230
E-mail: ccfb@colusanet.com

Contra Costa County Farm Bureau

5554 Clayton Road
Concord, CA 94521
(925) 672-5115; Fax (925) 672-8382
www.cccfb.org

Del Norte County Farm Bureau

11775 Ocean View Drive
Smith River, CA 95567
(707) 487-0612; Fax (same as phone)

El Dorado County Farm Bureau

2460 Headington Road
Placerville, CA 95667-5216
(530) 622-7773; Fax (530) 622-7839
E-mail: edcfb@d-web.com

Fresno County Farm Bureau

1274 West Hedges
Fresno, CA 93728
(559) 237-0263; Fax (559) 237-3396
E-mail: info@fcfb.org

Glenn County Farm Bureau

501 Walker Street
Orland, CA 95963
(530) 865-9636; Fax (530) 865-7182
E-mail: glenncfb@sunset.net

Humboldt County Farm Bureau

5601 South Broadway
Eureka, CA 95503
(707) 443-4844; Fax (707) 443-0926
E-mail: humboldt@aol.com

Imperial County Farm Bureau

1000 Broadway
El Centro, CA 92243
(760) 352-3831; Fax (760) 352-0232
E-mail: icfb@thegrid.net

Inyo-Mono County Farm Bureau

58429 Highway 120
Benton, CA 93512
(760) 933-2505; Fax (760) 933-2278
E-mail: inyomonofb@qnet.com

Kern County Farm Bureau

801 South Mount Vernon Avenue
Bakersfield, CA 93307
(661) 397-9635; Fax (661) 397-3403
www.kerncfb.com

Kings County Farm Bureau

870 Greenfield Avenue
Hanford, CA 93230
(559) 584-3557; Fax (559) 584-1614
www.kcfb.org

Lake County Farm Bureau

65 Soda Bay Road
Lakeport, CA 95453
(707) 263-0911; Fax (707) 263-1101

Lassen County Farm Bureau

20 South Gay
Susanville, CA 96130
(530) 257-7242; Fax (same as phone)
E-mail: lcfb@psln.com

Los Angeles County Farm Bureau

1006 West Lancaster Boulevard
Lancaster, CA 93534
(661) 948-6571; Fax (661) 949-3251
E-mail: lafarmb@aol.com

Madera County Farm Bureau

1102 South Pine Street
Madera, CA 93637
(559) 674-8871; Fax (559) 674-0529
E-mail: mcfb@sbcglobal.net

Marin County Farm Bureau

520 Mesa Road
Point Reyes Station, CA 94956
(415) 663-1231; Fax (415) 663-1141
E-mail: marincfb@svn.net

Mariposa County Farm Bureau

5131 Highway 140
Mariposa, CA 95338
(209) 966-3848; Fax (209) 966-7411
E-mail: mcfarmbureau@sierratel.com

Mendocino County Farm Bureau

303-C Talmage Road
Ukiah, CA 95482-6417
(707) 462-6664; Fax (707) 462-6681

Merced County Farm Bureau

646 South Highway 59
Merced, CA 95341
(209) 723-3001; Fax (209) 722-3814

Modoc County Farm Bureau

108 East First Street
Alturas, CA 96101
(530) 233-3276; Fax (530) 233-4738
E-mail: modocfb@hdo.net

Monterey County Farm Bureau

931 Blanco Circle
Salinas, CA 93901
(831) 751-3100; Fax (831) 751-3167
www.montereycountyfarmbureau.org

Napa County Farm Bureau

811 Jefferson Street
Napa, CA 94559
(707) 224-5403; Fax (707) 224-7836
www.napafarmbureau.org

Nevada County Farm Bureau

14550 Mount Olive
Grass Valley, CA 95945
(530) 346-8146; Fax (same as phone)

Orange County Farm Bureau

13042 Old Myford Road
Irvine, CA 92620
(714) 573-0374; Fax (714) 573-0376
E-mail: ocfb@aol.com

Placer County Farm Bureau

10120 Ophir Road
Newcastle, CA 95658
(916) 663-2929; Fax (530) 885-6645
E-mail: pcfb@jps.net

Plumas-Sierra County Farm Bureau

7411 Dyson Lane
Loyalton, CA 96118
(530) 993-4550; Fax (same as phone)

Riverside County Farm Bureau

21160 Box Springs Road, Suite 102
Moreno Valley, CA 92557
(909) 684-6732; Fax (909) 782-0621
www.riversidecfb.com

Sacramento County Farm Bureau

8970 Elk Grove Boulevard
Elk Grove, CA 95624
(916) 685-6958; Fax (916) 685-7125
E-mail: sacfarmbur@msn.com

San Benito County Farm Bureau

530 San Benito Street, Suite 201
Hollister, CA 95023
(831) 637-7643; Fax (831) 637-7999
E-mail: sbcfarm@hollinet.com

San Bernardino County Farm Bureau

210 South Riverside Avenue
Rialto, CA 92376
(909) 875-5945; Fax (909) 874-6195

San Diego County Farm Bureau

1670 East Valley Parkway
Escondido, CA 92027
(760) 745-3023; Fax (760) 489-6348
www.sdfarmbureau.org

San Joaquin Farm Bureau Federation

3290 North Ad Art Way
Stockton, CA 95205
(209) 931-4931; Fax (209) 931-1433
www.sjfb.org

San Luis Obispo County Farm Bureau

651 Tank Farm Road
San Luis Obispo, CA 93401
(805) 543-3654; Fax (805) 543-3697
www.slofarmbureau.org

San Mateo County Farm Bureau

765 Main Street
Half Moon Bay, CA 94019
(650) 726-4485; Fax (650) 726-4495
E-mail: smcfhbmb@aol.com

Santa Barbara County Farm Bureau

180 Industrial Way
Buellton, CA 93427
(805) 688-7479; Fax (805) 688-0428
E-mail: farmsbc@hwy246.net

Santa Clara County Farm Bureau

605 Tennant Avenue, Suite B
Morgan Hill, CA 95037
(408) 776-1684; Fax (408) 776-7804
E-mail: farmers@sccfarmbu.org

Santa Cruz County Farm Bureau

141 Monte Vista Avenue
Watsonville, CA 95076
(831) 724-1356; Fax (831) 724-5821
E-mail: sccfb@sbcglobal.net

Shasta County Farm Bureau

3605 Bechelli Lane
Redding, CA 96002
(530) 223-2358; Fax (530) 222-0671
www.shastafarmbureau.com

Siskiyou County Farm Bureau

809 South 4th Street
Yreka, CA 96097
(530) 842-2364; Fax (same as phone)
www.snowcrest.net/siskfarm

Solano County Farm Bureau

2210 Boynton Avenue, Suite E
Fairfield, CA 94533
(707) 425-8044; Fax (707) 425-6172
E-mail: mdiehl@castles.com

Sonoma County Farm Bureau

970 Piner Road
Santa Rosa, CA 95403
(707) 544-5575; Fax (707) 544-7452
www.sonomacountyfarmbureau.com

Stanislaus County Farm Bureau

1201 L Street
Modesto, CA 95354
(209) 522-7278; Fax (209) 521-9938
E-mail: farmnews@stanfarmbureau.org

Tehama County Farm Bureau

645 Antelope Boulevard, Suite 17
Red Bluff, CA 96080-2464
(530) 527-7882; Fax (530) 527-6028
E-mail: tcbf@transedge.com

Trinity County Farm Bureau

Rural Route 1, Box 72
Zenia, CA 95595
(707) 923-9695; Fax (same as phone)
E-mail: trinityco-farmbureau@starband.net

Tulare County Farm Bureau

737 North Ben Maddox Way
Visalia, CA 93292
(559) 732-8301; Fax (559) 732-7029
E-mail: tcbf@tulcofb.org

Tuolumne County Farm Bureau

220 Southgate Drive
Sonora, CA 95370
(209) 532-0300; Fax (same as phone)

Ventura County Farm Bureau

5156 McGrath Street
Ventura, CA 93003
(805) 289-0155; Fax (805) 658-0295
http://members.aol.com/vcfeb1

Yolo County Farm Bureau

69 West Kentucky Avenue
Woodland, CA 95695
(530) 662-6313; Fax (530) 662-8611
E-mail: ycfbdws@afes.com

Yuba-Sutter County Farm Bureau

475 Palora Avenue
Yuba City, CA 95991-4711
(530) 673-6550; Fax (530) 671-5836
E-mail: djoaquin@succeed.net



CERTIFIED FARMERS' MARKET ASSOCIATIONS

Amador Farmers' Market Association

Post Office Box 1393
Jackson, CA 95642
(209) 296-5504
E-mail: costa@cdepot.net

California Farmers' Markets Association

830 Navarone Way
Concord, CA 94518
(925) 689-4141; Fax (925) 689-4188
www.cafarmersmkts.com

California Federation of Certified Farmers' Markets

Post Office Box 1813
Davis, CA 95617
(530) 756-1695; Fax (530) 756-1858
E-mail: rmacnear@dcn.davis.ca.us

Certified Farmers' Market of Sacramento

9656 Sheldon Road
Elk Grove, CA 95624
(916) 688-0100; Fax (916) 689-9794
E-mail: cfms@elkgrove.net

Glendora Farmers' Market Association

417 Foothill Boulevard, Suite B
Glendora, CA 91741
(626) 335-8128; Fax (626) 914-4822
E-mail: fivekovars@aol.com

Marin County Farmers' Market Association

1114 Irwin Street
San Rafael, CA 94901
(415) 456-3276; Fax (510) 745-7100

North County Farmers' Market Association

Post Office Box 1783
Paso Robles, CA 93447
(805) 239-6535; Fax (805) 541-6473

Pacific Coast Farmers' Market Association

5046 Commercial Circle, Suite F
Concord, CA 94520
(925) 825-9090; Fax (925) 825-9101
E-mail: john@pcfma.com

San Luis Obispo County Farmers' Market Association

Post Office Box 16058
San Luis Obispo, CA 93406
(805) 544-9570; Fax (same as phone)

FARM LABOR ORGANIZATIONS

Shasta Growers Association

Post Office Box 990187
Redding, CA 96099
(530) 226-7100

South Bay Farmers' Market

21900 Summit Road
Los Gatos, CA 95033
(408) 353-4293; Fax (408) 353-2875
E-mail: sbfm@farmacopia.com

Southland Farmers' Market Association

10951 West Pico Boulevard, Suite 204 A
Los Angeles, CA 90064
(310) 481-0167; Fax (310) 481-0171
E-mail: info@sfma.net

Stockton Certified Farmers' Market Association

2707 East Fremont Street, Suite 9
Stockton, CA 95205
(209) 469-9714

Trinity Growers Association

Post Office Box 821
Hayfork, CA 96041
(530) 628-4318
E-mail: rriley@thegrid.net

Urban Village Farmers' Market Association

39120 Argonaut Way, Suite 780
Fremont, CA 94538
(510) 745-7100; Fax (510) 745-7180
www.urbanvillageonline.com

Ventura County Certified Farmers' Market Association

Post Office Box 1959
Moorpark, CA 93020
(805) 529-6266; Fax (805) 529-6210



FARM LABOR ORGANIZATIONS

Ag Employers

831 Center Street
Riverside, CA 92507
(909) 781-7936; Fax (909) 781-7904

Agricultural Personnel Management Association

512 Pajaro Street, Suite 7
Salinas, CA 93901
(831) 422-8023; Fax (831) 422-7318
www.agpersonnel.org

Buena Ventura Lemon

11175 Nardo Street
Saticoy, CA 93004
(805) 647-1195; Fax (805) 647-8573

California Farm Labor Contractors Association

8261 Stine Road, Suite C
Bakersfield, CA 93313
(661) 834-9880; Fax (661) 834-5728

California Grower Foundation

176 Main Street, Suite C
St. Helena, CA 94574
(707) 963-7191; Fax (707) 963-5728

California Independent Growers Association

1807 Tribute Road
Sacramento, CA 95815
(916) 929-9741; Fax (916) 929-0301

California Processors

425 Military East, Suite J
Benicia, CA 94510
(707) 747-6055; Fax (707) 747-6059

Farm Employers Labor Service

2300 River Plaza Drive
Sacramento, CA 95833
(916) 561-5670; Fax (916) 561-5696
www.fels.org

Farm Worker Institute for Education and Leadership Development

29700 Woodford Tehachapi Road
Keene, CA 93531
(661) 823-6133; Fax (661) 823-6177

Grower-Shipper Association of Central California

512 Pajaro Street
Salinas, CA 93901
(831) 422-8844; Fax (831) 422-0868
www.gsva.org

Grower-Shipper Vegetable Association of Santa Barbara & San Luis Obispo Counties

Post Office Box 10
Guadalupe, CA 93434
(805) 343-2215; Fax (805) 343-6189

Growers Harvesting Association

1127 12th Street, Suite 104
Modesto, CA 95354
(209) 527-4404; Fax (209) 529-6971

Nisei Farmers League

1775 North Fine Street
Fresno, CA 93727
(559) 251-8468; Fax (559) 251-8430
E-mail: nisei@lightspeed.net

Southern California Growers Foundation

1411 State Street
El Centro, CA 92243
(760) 353-7243; Fax (760) 353-3622

United Agribusiness League

54 Corporate Park
Irvine, CA 92606-5105
(949) 975-1424; Fax (949) 975-1671
www.ual.org

United Farm Workers

Post Office Box 62
Keene, CA 93531
(323) 720-0118; Fax (323) 722-1473
www.ufw.org

USDA National Center of Excellence

550 East Shaw Avenue, 2nd Floor
Fresno, CA 93710-7702
(559) 241-6541; Fax (559) 225-1296

Vegetable Bargaining Association of California

Post Office Box 519
Greenfield, CA 93927
(831) 674-5547; Fax (831) 674-3835



NATIONAL AGRICULTURAL ORGANIZATIONS

General

American Agricultural Economics Association

415 South Duff Avenue, Suite C
Ames, IA 50010-6600
(515) 233-3202; Fax (515) 233-3101
www.aaea.org

American Agricultural Editors' Association

120 West Main Street
New Prague, MN 56071
(952) 758-6502; Fax (952) 758-5813
www.ageditors.com

American Agri-Women

5910 North Shary Road
Mission, TX 78572-9656
(956) 584-8244; Fax (same as phone)
www.americanagriwomen.org

American Association of Cereal Chemists

3340 Pilot Knob Road
Saint Paul, MN 55121-2097
(651) 454-7250; Fax (651) 454-0766
www.aaccnet.org

American Farm Bureau Federation

600 Maryland Avenue, SW, Suite 800
Washington, D.C. 20024
(202) 484-3600; Fax (202) 484-3604
www.fb.com

American Farmland Trust

California Regional Office
260 Russell Boulevard, Suite D
Davis, CA 95616
(530) 753-1073; Fax (530) 753-1120
www.farmland.org

Sacramento Office
926 J Street, Suite 917
Sacramento, CA 95814
(916) 313-4551

Southern San Joaquin Valley Field Office
1324 West Center Street
Visalia, CA 93291
(559) 627-3708; Fax (559) 627-3821

Northern San Joaquin Valley Field Office
1207 13th Street, Suite 5
Modesto, CA 95354
(209) 523-3276; Fax (209) 523-1959

American Society of Agricultural Engineers

2950 Niles Road
Saint Joseph, MI 49085-9659
(616) 429-0300; Fax (616) 429-3852
www.asae.org

American Society of Farm Managers and Rural Appraisers

California Chapter
Post Office Box 838
Woodbridge, CA 95258
(209) 368-3672; Fax (209) 368-3602
www.calasfmra.com

Food Marketing Institute

655 15th Street, NW
Washington, D.C. 20005
(202) 452-8444; Fax (202) 429-4519
www.fmi.org

Hydroponic Society of America

Post Office Box 1183
El Cerrito, CA 94530
(650) 968-4070; Fax (650) 968-4051
www.hsa.hydroponics.org

International Food Information Council

1100 Connecticut Avenue, NW, Suite 430
Washington, D.C. 20036
(202) 296-6540; Fax (202) 296-6547
www.ific.org

National 4-H Council

7100 Connecticut Avenue
Chevy Chase, MD 20815
(301) 961-2840; Fax (301) 961-2894
www.fourhcouncil.edu

National Agri-Marketing Association

11020 King Street, Suite 205
Overland Park, KS 66210
(913) 491-6500; Fax (913) 491-6502
www.nama.org

Central California Office

Post Office Box 1475
Tulare, CA 93275
(800) 999-9186; Fax (559) 686-5065

National Farmers Organization

528 Billy Sunday Road
Ames, IA 50010
(515) 292-2000; Fax (515) 292-7106
www.nfo.org

Organic Trade Association

60 Wells Street
Greenfield, MA 01301
(413) 774-7511; Fax (413) 774-6432
www.ota.com

Produce Marketing Association

1500 Casho Mill Road
Newark, DE 19714-6036
(302) 738-7100; Fax (302) 731-2409
www.pma.com

Soil and Water Conservation Society

7515 Northeast Ankeny Road
Ankeny, IA 50021
(515) 289-2331; Fax (515) 289-1227
www.swcs.org

United Fresh Fruit and Vegetable Association

727 North Washington Street
Alexandria, VA 22314
(703) 836-3410; Fax (703) 836-7745
www.uffva.org

Animals and Livestock GENERAL

American Association of Meat Processors

Post Office Box 269
Elizabethtown, PA 17022
(717) 367-1168; Fax (717) 367-9096
www.aamp.com

American Society of Animal Science

1111 North Dunlap Avenue
Savoy, IL 61874
(217) 356-9050; Fax (217) 398-4119
www.asas.org

National Institute for Animal Agriculture

1910 Lyda Avenue
Bowling Green, KY 42104
(270) 782-9798; Fax (270) 782-0188
www.animalagriculture.org

National Meat Association-West

1970 Broadway, Suite 825
Oakland, CA 94612
(510) 763-1533; Fax (510) 763-6186
www.nmaonline.org

National Renderers Association

801 North Fairfax Street, Suite 207
Alexandria, VA 22314
(703) 683-0155; Fax (703) 683-2626
www.renderers.org

United States Animal Health Association

8100 Three Chopt Road, Suite 203
Richmond, VA 23229
(804) 285-3210; Fax (804) 285-3367
www.usaha.org

CATTLE

American Angus Association

3201 Frederick Avenue
Saint Joseph, MO 64506-2997
(816) 383-5100; Fax (816) 233-9703
www.angus.org

American Brahman Breeders Association

3003 South Loop West, Suite 140
Houston, TX 77054
(713) 349-0854; Fax (713) 349-9795
www.brahman.org

American Hereford Association

Post Office Box 014059
Kansas City, MO 64101
(816) 842-3757; Fax (816) 842-6931
www.hereford.org

American-International Charolais Association

11700 Northwest Plaza Circle
Kansas City, MO 64153
(816) 464-5977; Fax (816) 464-5759
www.charolaisusa.com

American Jersey Cattle Association

6486 East Main Street
Reynoldsburg, OH 43068-2362
(614) 861-3636; Fax (614) 861-8040
www.usjersey.com

American National Cattle Women

9110 East Nichols Avenue, Suite 302
Centennial, CO 80112
(303) 694-0313; Fax (303) 694-2390
www.beef.org

American Shorthorn Association

8288 Hascall Street
Omaha, NE 68124
(402) 393-7200; Fax (402) 393-7203
www.beefshorthornusa.com

International Livestock Identification Association

201 Livestock Exchange Building
4701 Marion Street, Room 201
Denver, CO 80216
(303) 294-0895; Fax (303) 294-0918

National Cattlemen's Beef Association

5420 South Quebec Street
Greenwood Village, CO 80111
(303) 694-0305; Fax (303) 694-2851
www.beef.org

North American Limousin Foundation

7383 South Alton Way, Suite 100
Englewood, CO 80112
(303) 220-1693; Fax (303) 220-1884
www.nalf.org

Texas Longhorn Breeders Association of America

2315 North Main Street, Suite 402
Fort Worth, TX 76106
(817) 625-6241; Fax (817) 625-1388
www.tlbaa.com

DAIRY

American Butter Institute

2101 Wilson Boulevard, Suite 400
Arlington, VA 22201
(703) 243-6111; Fax (703) 841-9328
www.dairyinfo.org

American Cheese Society

304 West Liberty Street, Suite 201
Louisville, KY 40202
(502) 583-3783; Fax (502) 589-3602
www.cheesesociety.org

American Dairy Products Institute

300 West Washington Street, Suite 400
Chicago, IL 60606
(312) 782-4888; Fax (312) 782-5299
www.americandairyproducts.com

American Dairy Science Association

1111 North Dunlap Avenue
Savoy, IL 61874
(217) 356-5146; Fax (217) 398-4119
www.adsa.org

DairyAmerica

4974 East Clinton Way, Building C221
Fresno, CA 93727
(559) 251-0992; Fax (559) 251-1078
www.dairyamerica.com

Dairy Farmers of America

California Area Office
170 North Maple Street, Suite B106
Corona, CA 92880
(909) 493-4900; Fax (909) 493-4901
www.dfamilk.com

Dairy Management, Inc.

10255 West Higgins Road, Suite 900
Rosemont, IL 60018-5616
(847) 803-2000; Fax (847) 803-2077
www.dairyinfo.com

International Dairy Foods Association

1250 H Street, NW, Suite 900
Washington, D.C. 20005
(202) 737-4332; Fax (202) 331-7820
www.idfa.org

National Milk Producers Federation

2101 Wilson Boulevard, Suite 400
Arlington, VA 22201
(703) 243-6111; Fax (703) 841-9328
www.nmpf.org

Quality Chek'd Dairy Products Association

1733 Park Street
Naperville, IL 60563
(630) 717-1110; Fax (630) 717-1126
www.qchekd.com

United Dairy Cooperative Service

12 North Park Street
Seneca Falls, NY 13148
(315) 568-2750; Fax (315) 568-2752
E-mail: uniteddag@flare.net

United States Dairy Export Council

2101 Wilson Boulevard, Suite 400
Arlington, VA 22201-3061
(703) 528-3049; Fax (703) 528-3705
www.usdec.org

EQUINE

American Association of Equine Practitioners

4075 Iron Works Parkway
Lexington, KY 40511
(859) 233-0147; Fax (859) 233-1968
www.aeep.org

American Buckskin Registry Association

Post Office Box 3850
Redding, CA 96049-3850
(530) 223-1420; Fax (same as phone)
www.americanbuckskin.org

American Donkey and Mule Society

Post Office Box 1210
Lewisville, TX 75067
(972) 219-0781; Fax (972) 420-9980
www.lovelongears.com

American Horse Council

1700 K Street, NW, Suite 300
Washington, D.C. 20006
(202) 296-4031; Fax (202) 296-1970
www.horsecouncil.org

American Mule Association

264 Clovis Avenue
Clovis, CA 93612
(559) 324-6583; Fax (559) 324-6565

American Paint Horse Association (Registry)

2800 Meacham Boulevard
Fort Worth, TX 76137
(817) 834-2742; Fax (817) 834-3152
www.apha.com

American Quarter Horse Association

Post Office Box 200
Amarillo, TX 79168
(806) 376-4811; Fax (806) 349-6401
www.aqha.com

American Shire Horse Association

Post Office Box 739
New Castle, CO 81647
(970) 876-5980; Fax (970) 876-1977
www.shirehorse.org

Appaloosa Horse Club (Registry)

2720 West Pullman Road
Moscow, ID 83843-0903
(208) 882-5578; Fax (208) 882-8150
www.appaloosa.com

Arabian Horse Registry of America, Inc.

Post Office Box 173886
Denver, CO 80217-3886
(303) 450-4748; Fax (303) 450-2841

United States Trotting Association (Registry)

750 Michigan Avenue
Columbus, OH 43215-1191
(614) 224-2291; Fax (614) 224-4575
www.ustrotting.com

FISH

American Fisheries Society

5410 Grosvenor Lane, Suite 110
Bethesda, MD 20814
(301) 897-8616; Fax (301) 897-8096
www.fisheries.org

United States Trout Farmers Association

111 West Washington Street, Suite 1
Charles Town, WV 25414-1529
(304) 728-2189; Fax (304) 728-2196
www.ustfa.org

United States Tuna Foundation

1101 17th Street, NW, Suite 609
Washington, D.C. 20036
(202) 857-0610; Fax (202) 331-9686
www.tunafacts.com

World Aquaculture Society

143 J.M. Parker Coliseum
Louisiana State University
Baton Rouge, LA 70803
(225) 578-3137; Fax (225) 578-3493
www.was.org

GOATS

American Dairy Goat Association

209 West Main Street
Spindale, NC 28160
(828) 286-3801; Fax (828) 287-0476
www.adga.org

HOGS

National Pork Board

1776 Northwest 114th Street
Clive, IA 50325
(515) 223-2600; Fax (515) 223-2646
www.porkboard.org

National Pork Producers Council

122 C Street, NW, Suite 875
Washington, DC 20001
(202) 347-3600; Fax (202) 347-5265
www.nppc.org

LLAMAS

International Llama Association

California Chapter
1188 Olive Hill Lane
Napa, CA 94558
(707) 255-2621; Fax (707) 251-0887
www.llama.org

POULTRY AND EGGS

American Egg Board

1460 Renaissance Drive, Suite 301
Park Ridge, IL 60068
(847) 296-7043; Fax (847) 296-7007
www.aeb.org

American Poultry Association

133 Millville Street
Mendon, MA 01756
(508) 473-8769; Fax (same as phone)
www.amplyta.com

National Chicken Council

1015 15th Street, NW, Suite 930
Washington, D.C. 20005-2605
(202) 296-2622; Fax (202) 293-4005
www.eatchicken.com

U.S.A. Poultry and Egg Export Council

2300 West Park Place Boulevard, Suite 100
Stone Mountain, GA 30087
(770) 413-0006; Fax (770) 413-0007
www.usapeec.org

SHEEP

American Sheep Industry Association

6911 South Yosemite Street
Englewood, CO 80112-1414
(303) 771-3500; Fax (303) 771-8200
www.sheepusa.org

Field Crops

GENERAL

American Feed Industry Association

1501 Wilson Boulevard, Suite 1100
Arlington, VA 22209
(703) 524-0810; Fax (703) 524-1921
www.afia.org

CropLife Amercia

1156 15th Street, NW, Suite 400
Washington, D.C. 20005
(202) 296-1585; Fax (202) 463-0474
www.croplifeamerica.org

Western Growers Association

17620 Fitch Street
Irvine, CA 92614
(949) 863-0266; Fax (949) 260-6666
www.wga.com

ALFALFA AND HAY

Alfalfa Processors Council

8810 Craig Drive
Overland Park, KS 66212
(913) 648-6800; Fax (913) 648-2648
www.aapausa.org

National Hay Association

102 Treasure Island Causeway
St. Petersburg, FL 33706
(727) 367-9702; Fax (727) 367-9608
www.haynha.org

BEANS

National Dry Bean Council

8233 Old Courthouse Road, Suite 210
Vienna, VA 22182
(703) 556-9305; Fax (703) 556-9301

CORN

Corn Refiners Association, Inc.

1701 Pennsylvania Avenue, NW, Suite 950
Washington, D.C. 20006
(202) 331-1634; Fax (202) 331-2054
www.corn.org

National Corn Growers Association

1000 Executive Parkway, Suite 105
Saint Louis, MO 63142-6397
(314) 275-9915; Fax (314) 275-7061
www.ncga.com

COTTON

American Cotton Shippers Association

88 Union Center, Suite 1204
Memphis, TN 38103
(901) 525-2272; Fax (901) 527-8303
www.acsa-cotton.org

Cotton Council International

1521 New Hampshire Avenue, NW
Washington, D.C. 20036
(202) 745-7805; Fax (202) 483-4040
www.cottonusa.org

International Cotton Advisory Committee

1629 K Street, NW, Suite 702
Washington, D.C. 20006
(202) 463-6660; Fax (202) 463-6950
www.icac.org

Western Cotton Shippers Association

88 Union Avenue, Suite 1204
Memphis, TN 38173
(901) 525-2272; Fax (901) 527-8303
www.westerncotton.com

GRAIN

American Association of Grain Inspection and Weighing Agencies

1629 K Street, NW, Suite 1100
Washington, D.C. 20006
(202) 785-6740; Fax (202) 331-4212
www.aagiwa.org

National Grain and Feed Association

1250 I Street, NW, Suite 1003
Washington, D.C. 20005-3922
(202) 289-0873; Fax (202) 289-5388
www.ngfa.org

National Grain Sorghum Producers Association

Post Office Box 5309
Lubbock, TX 79408
(806) 749-3478; Fax (806) 749-9002
www.sorghumgrowers.com

U.S. Grains Council

1400 K Street, NW, Suite 1200
Washington, D.C. 20005
(202) 789-0789; Fax (202) 898-0522
www.grains.org

RICE

U.S.A. Rice Federation

Post Office Box 740123
Houston, TX 77274
(713) 270-6699; Fax (713) 270-9021
www.usarice.com

SEED

American Seed Trade Association

225 Reinekers Lane, Suite 650
Alexandria, VA 22314-2875
(703) 837-8140; Fax (703) 837-9365
www.amseed.org

SOY BEANS

American Soybean Association

12125 Woodcrest Executive Drive, Suite 100
Saint Louis, MO 63141
(314) 576-1770; Fax (314) 576-2786
www.soygrowers.com

SUNFLOWERS

National Sunflower Association

4023 State Street
Bismark, ND 58501
(701) 328-5100; Fax (701) 328-5101
www.sunflowernsa.com

WHEAT

National Association of Wheat Growers

415 2nd Street, NE, Suite 300
Washington, D.C. 20002
(202) 547-7800; Fax (202) 546-2638
www.wheatworld.org

U.S. Wheat Associates

1620 I Street, NW, Suite 801
Washington, D.C. 20006-4005
(202) 463-0999; Fax (202) 785-1052
www.uswheat.org

Wheat Quality Council

Post Office Box 966
Pierre, SD 57501-0966
(605) 224-5187; Fax (605) 224-0517
www.wheatqualitycouncil.org

Floral and Nursery

American Association of Botanical Gardens and Arboreta

351 Longwood Road
Kennett Square, PA 19348
(610) 925-2500; Fax (610) 925-2700
www.aabga.org

American Horticultural Society

7931 East Boulevard Drive
Alexandria, VA 22308-1300
(703) 768-5700; Fax (703) 768-8700
www.ahs.org

American Horticultural Therapy Association

909 York Street
Denver, CO 80206
(303) 370-8087; Fax (303) 331-5776
www.ahta.org

American Society for Horticultural Science

113 South West Street, Suite 200
Alexandria, VA 22314-2851
(703) 836-4606; Fax (703) 836-2024
www.ashs.org

Forest Products

American Forests

Post Office Box 2000
Washington, D.C. 20013
(202) 955-4500; Fax (202) 955-4588
www.amfor.org

American Forest and Paper Association

1111 19th Street, NW, Suite 800
Washington, D.C. 20036
(202) 463-2700; Fax (202) 463-2471
www.afandpa.org

Forest Landowners Association

Post Office Box 450209
Atlanta, GA 31145-0209
(800) 325-2954; Fax (404) 325-2955
www.forestland.org

Society of American Foresters

5400 Grosvenor Lane
Bethesda, MD 20814
(301) 897-8720; Fax (301) 897-3690
www.safnet.org

TOC Management Services (Timber Operators Council)

6825 Southwest Sandburg Street
Tigard, OR 97223
(503) 620-1710; Fax (503) 620-3935
www.toc.org

SELECTED GOVERNMENT AGENCIES

Fruits

APPLES

Apple Processors Association

1629 K Street, NW, Suite 1100
Washington, D.C. 20006
(202) 785-6710; Fax (202) 331-4212
www.agriwashington.org

U.S. Apple Association

8233 Old Courthouse Road, Suite 200
Vienna, VA 22182-3816
(703) 442-8850; Fax (703) 790-0845
www.usapple.org

BANANAS

International Banana Association

727 North Washington Street
Alexandria, VA 22314
(703) 836-5499; Fax (703) 836-2049
www.eatmorebananas.com

BERRIES

North American Blueberry Council

4995 Golden Foothill Parkway, Suite 2
El Dorado Hills, CA 95762-9645
(916) 933-9399; Fax (916) 933-9777
www.blueberry.org

CHERRIES

Cherry Marketing Institute

Post Office Box 30285
Lansing, MI 48909-7785
(517) 669-4264; Fax (517) 669-3354
www.uscherries.com

CITRUS

Citrus Research and Education Center

University of Florida
700 Experiment Station Road
Lake Alfred, FL 33850-2299
(863) 956-1151; Fax (863) 956-4631
www.lal.ufl.edu

National Lime Association

200 North Glebe Road, Suite 800
Arlington, VA 22203-3728
(703) 243-5463; Fax (703) 243-5489
www.lime.org

GRAPES AND WINE

American Society for Enology and Viticulture

Post Office Box 1855
Davis, CA 95617-1855
(530) 753-3142; Fax (530) 753-3318
www.asev.org

American Vineyard Foundation

Post Office Box 5779
Napa, CA 94581
(707) 252-6911; Fax (707) 252-7672
www.avf.org

Concord Grape Association

5775 Peachtree-Dunwoody Road, Suite 500-G
Atlanta, GA 30342
(404) 252-3663; Fax (404) 252-0774
www.concordgrape.org

Wine Institute

425 Market Street, Suite 1000
San Francisco, CA 94105
(415) 512-0151; Fax (415) 442-0742
www.wineinstitute.org

MELONS

National Watermelon Promotion Board

Post Office Box 140065
Orlando, FL 32814-0065
(407) 657-0261; Fax (407) 657-2213
www.watermelon.org

PEACHES

National Peach Council

12 Nicklaus Lane, Suite 101
Columbia, SC 29229
(803) 788-7101; Fax (803) 865-8090
E-mail: charleswalker@worldnet.att.net

PEARS

Pacific Northwest Canned Pear Service

105 South 18th Street, Suite 205
Yakima, WA 98901-2149
(509) 453-4837; Fax (509) 453-4880
www.pnw.cannedpears.com

Pear Bureau Northwest

4382 Southeast International Way, Suite A
Milwaukie, OR 97222-4635
(503) 652-9720; Fax (503) 652-9721
www.usapears.com

Nuts

American Walnut Manufacturers Association

Post Office Box 5046
Zionsville, IN 46077
(317) 873-8780; Fax (same as phone)
www.walnutassociation.org

Walnut Marketing Board

1540 River Park Drive, Suite 203
Sacramento, CA 95815
(916) 922-5888; Fax (916) 923-2548
www.walnut.org

Vegetables

American Mushroom Institute

1 Massachusetts Avenue, NW, Suite 800
Washington, D.C. 20001
(202) 842-4344; Fax (202) 408-7763
www.americanmushroom.org

National Onion Association

822 7th Street, Suite 510
Greeley, CO 80631
(970) 353-5895; Fax (970) 353-5897
www.onions-usa.org



SELECTED GOVERNMENT AGENCIES

California Environmental Protection Agency

1001 I Street
Sacramento, CA 95812
(916) 445-3846; Fax 445-6401
www.calepa.ca.gov

Air Resources Board

1001 I Street
Sacramento, CA 95812
(916) 322-2990; Fax (916) 445-5025
www.arb.ca.gov

California Integrated Waste Management Board

1001 I Street
Sacramento, CA 95812-4025
(916) 341-6000; Fax (916) 341-6054
www.ciwmb.ca.gov

Department of Pesticide Regulation

1001 I Street
Sacramento, CA 95812
(916) 445-4300; Fax (916) 324-1452
www.cdpr.ca.gov

Pesticide Enforcement Branch

1001 I Street
Sacramento, CA 95814
(916) 324-4100; Fax (916) 445-3907
www.cdpr.ca.gov

Enforcement, Environmental Monitoring and Data Management Division

Environmental Monitoring and Pest Management
1001 I Street
Sacramento, CA 95812
(916) 324-4100; Fax (916) 324-4088

Registration and Health Evaluation Division

Medical Toxicology
1001 I Street
Sacramento, CA 95812
(916) 445-4233; Fax (916) 324-3506

Registration and Health Evaluation Division

Pesticide Registration
1001 I Street
Sacramento, CA 95812
(916) 445-4400; Fax (916) 324-1719

Registration and Health Evaluation Division

Worker Health and Safety
1001 I Street
Sacramento, CA 95814-2828
(916) 445-4222; Fax (916) 445-4280

Department of Toxic Substances Control

1001 I Street
Sacramento, CA 95814
(916) 324-1826; Fax (916) 324-1788
www.dtsc.ca.gov

Office of Environmental Health Hazard Assessment

1001 I Street
Sacramento, CA 95814
(916) 324-7572; Fax (916) 327-1097
www.oehha.org

State Water Resources Control Board

1001 I Street
Sacramento, CA 95814
(916) 341-5250; Fax (916) 341-5252
www.swrcb.ca.gov

California Legislative Committees

Assembly Committee on Agriculture and Water Resources

Honorable Barbara Matthews, Chairman
1020 N Street, Suite 362
Sacramento, CA 95814
(916) 319-2084; Fax (916) 319-2184
www.assembly.ca.gov

Senate Committee on Agriculture and Water Resources

Honorable Jim Costa, Chairman
State Capitol, Room 406
Sacramento, CA 95814
(916) 445-2206; Fax (916) 327-8290

California Resources Agency

1416 9th Street, Suite 1311
Sacramento, CA 95814
(916) 653-5656; Fax (916) 653-8102
www.resources.ca.gov

CALFED Bay-Delta Program

1416 9th Street, Suite 1155
Sacramento, CA 95814
(916) 657-2666; Fax (916) 654-9780
http://calfed.ca.gov

California Coastal Commission

45 Fremont Street, Suite 2000
San Francisco, CA 94105-2219
(415) 904-5200; Fax (415) 904-5400
www.costal.ca.gov

California Coastal Conservancy

1330 Broadway, Suite 1100
Oakland, CA 94612-2530
(510) 286-1015; Fax (510) 286-0470
www.coastalconservancy.ca.gov

California Energy Commission

1516 9th Street
Sacramento, CA 95814-5512
(916) 654-4287; Fax (916) 654-4420
www.energy.ca.gov

Colorado River Board of California

770 Fairmont Avenue, Suite 100
Glendale, CA 91203-1035
(818) 543-4676; Fax (818) 543-4685

Department of Conservation

801 K Street, Suite 2400
Sacramento, CA 95814
(916) 322-1080; Fax (916) 445-0732
www.consrv.ca.gov

Department of Fish and Game

1416 9th Street
Sacramento, CA 95814
(916) 445-0411; Fax (916) 653-1856
www.dfg.ca.gov

Department of Forestry and Fire Protection

1416 9th Street
Sacramento, CA 94244-2460
(916) 653-5123; Fax (916) 653-4171
www.fire.ca.gov

Department of Parks and Recreation

Post Office Box 942896
Sacramento, CA 94296
(916) 653-6995; Fax (916) 653-3903
www.cal-parks.ca.gov

Department of Water Resources

1416 9th Street
Sacramento, CA 95814
(916) 653-7007; Fax (916) 653-6985
www.dwr.water.ca.gov

Reclamation Board

1416 9th Street, Room 1601
Sacramento, CA 95814
(916) 653-5434; Fax (916) 653-5805
www.recdb.ca.gov

California State Lands Commission

100 Howe Avenue, Suite 100 S
Sacramento, CA 95825-8202
(916) 574-1900; Fax (916) 574-1810
www.slc.ca.gov

California Technology, Trade and Commerce Agency

International Trade and Investment

1102 Q Street, Suite 6000
Sacramento, CA 95814
(916) 324-5511; Fax (916) 324-5791
www.commerce.ca.gov

CALIFORNIA OFFICES OF TRADE AND INVESTMENT

Africa

Post Office Box 449
Parklands 2121, Johannesburg
South Africa
(011-27-11) 447-5391
(011-27-11) 447-5393 Fax
E-mail: johannesburg@commerce.ca.gov

Argentina

Avenida Callao 1711, 2nd Floor
(C1024AAD), Argentina
(011-54-11) 4813-8923
(011-54-11) 4812-2799 Fax
E-mail: argentina@commerce.ca.gov

China-Mainland

Suite 703, Central Plaza
227 Huang Pi North Road
Shanghai 200003, China
(011-86-21) 6375-8822
(011-86-21) 6375-8833 Fax
E-mail: shanghai@commerce.ca.gov

Germany

Bockenheimer Landstrasse 97
60325 Frankfurt am Main, Germany
(011-49-69) 907 455-0
(011-49-69) 907 455-19 Fax
E-mail: frankfort@commerce.ca.gov

Hong Kong

Suite 207, St. George's Building
2, Ice House Street, Central
Hong Kong SAR
(011-852) 2877-3600
(011-852) 2877-2691 Fax
E-mail: hongkong@commerce.ca.gov

Israel

Post Office Box 45005
91450 Jerusalem, Israel
(011-972-2) 571-0199
(011-972-2) 571-0713 Fax
E-mail: jerusalem@commerce.ca.gov

Japan

Kowa 35 Building
1-14-14 Akasaka, Minato-ku
Tokyo 107-0052
(011-81-3) 3583-3140
(011-81-3) 3584-6613 Fax
E-mail: tokyo@commerce.ca.gov

Korea

Leema Building, 4th Floor
146-1, Susong-dong, Chongro-ku
Seoul 110-755, Korea
(011-82-2) 733-2341
(011-82-2) 733-2344 Fax
E-mail: seoul@commerce.ca.gov

Mexico

Paseo de la Reforma No. 265, 14th Floor
Colonia Cuauhtemoc
06500 Mexico, D.F.
(011-5255) 5533-1111
(011-5255) 5533-5202 Fax
E-mail: mexico@commerce.ca.gov

Singapore

200 Cantonment Road
02-05 Southpoint
Singapore 089763
(011-65) 324-0363
(011-65) 225-8330 Fax
E-mail: singapore@commerce.ca.gov

Taiwan

7C04/05, Taipei World Trade Center
5 Hsin Yi Road, Section 5
Taipei 110, Taiwan
(011-886-2) 2758-6223
(011-886-2) 2723-9973 Fax
E-mail: taipei@commerce.ca.gov

United Kingdom

California House
8 St. James's Place
London SW1A 1NP
United Kingdom
(011-44-207) 495-3141
(011-44-207) 495-0818 Fax
E-mail: london@commerce.ca.gov

U.S. Bureau of Reclamation

2800 Cottage Way
Sacramento, CA 95825
(916) 978-5100; Fax (916) 978-5599
www.mp.usbr.gov

U.S. Department of Agriculture – California Offices

Agricultural Market Service

2202 Monterey Street, Suite 102-B
Fresno, CA 93721
(559) 487-5901; Fax (559) 487-5906
www.ams.usda.gov

Agricultural Research Service

800 Buchanan Street
Albany, CA 94710
(510) 559-6060; Fax (510) 559-5779
www.pwa.ars.usda.gov

Animal and Plant Health Inspection Services

Veterinary Services
Western Region Office-California Area
9580 Micron Avenue, Suite E
Sacramento, CA 95827
(916) 857-6170; Fax (916) 857-6196
www.aphis.usda.gov

California Agricultural Statistics Service

650 Capitol Mall, Suite 6-100
Sacramento, CA 95814
(916) 498-5161; Fax (916) 498-5186
www.nass.usda.gov/ca

Farm Service Agency

430 G Street, Suite 4161
Davis, CA 95616-4161
(530) 792-5520; Fax (530) 792-5555
www.fsa.usda.gov/ca/ca.htm

Food and Nutrition Services

550 Kearny Street, Room 400
San Francisco, CA 94108-2518
(415) 705-1310; Fax (415) 705-1364
www.fns.usda.gov/fns

Food Safety and Inspection Service

Alameda District
620 Central Avenue, Building 2C, Room 108
Alameda, CA 94501
(510) 337-5000; Fax (510) 337-5081
www.fsis.usda.gov

Forest Service

1323 Club Drive
Vallejo, CA 94592
(707) 562-9000; Fax (707) 562-9091
www.r5.fs.fed.us

Grain Inspection, Packers and Stockyards Administration

1220 N Street, Room A-471
Sacramento, CA 95814
(916) 654-0743; Fax (916) 653-2409
www.usda.gov/gipsa

Natural Resources Conservation Service

430 G Street, Suite 4164
Davis, CA 95616-4164
(530) 792-5600; Fax (530) 792-5790
www.ca.nrcs.usda.gov

Risk Management Agency

430 G Street, Suite 4168
Davis, CA, 95616-4168
(530) 792-5850; Fax (530) 792-5893
www.rma.usda.gov

Rural Development

430 G Street, Suite 4169
Davis, CA 95616-4169
(530) 792-5800; Fax (530) 792-5838
www.rurdev.usda.gov/ca/index.html

U.S. Department of Agriculture – National Offices

1400 Independence Avenue
Washington, D.C. 20250
(202) 720-7454; Fax (202) 720-5043
www.usda.gov

FARM AND FOREIGN AGRICULTURAL SERVICES

Farm Service Agency

Public Affairs
(202) 720-7809; Fax (202) 690-2828
www.fsa.usda.gov

Foreign Agricultural Service

Public Affairs
(202) 720-7115; Fax (202) 720-1727
www.fas.usda.gov

Risk Management Agency

General Information
(202) 690-2803; Fax (202) 690-2818
www.rma.usda.gov

FOOD, NUTRITION AND CONSUMER SERVICES

Center for Nutrition Policy and Promotion

Public Information
(703) 305-7600; Fax (703) 305-3300
www.usda.gov/cnpp

Food and Nutrition Services

Public Affairs
(703) 305-2286; Fax (703) 305-1117
www.fns.usda.gov/fns

FOOD SAFETY SERVICES

Food Safety Inspection Service

Press Officer
(202) 720-9113; Fax (202) 690-0460
www.fsis.usda.gov/i

MARKETING AND REGULATORY PROGRAM

Agricultural Marketing Service

Public Affairs
(202) 720-4623; Fax (202) 720-7135
www.ams.usda.gov

Animal and Plant Health Inspection Service

Legislative and Public Affairs
(202) 720-2511; Fax (202) 720-3982
www.aphis.usda.gov

Grain Inspection, Packers and Stockyards Administration

Public Affairs
(202) 720-5091; Fax (202) 205-9237
www.usda.gov/gipsa

NATURAL RESOURCES AND ENVIRONMENT

Forest Service

Media Office
(202) 205-8333; Fax (202) 205-0885
www.fs.fed.us

Natural Resources Conservation Service

Conservation Communications
(202) 720-3210; Fax (202) 720-1564
www.nrcs.usda.gov

RESEARCH, EDUCATION AND ECONOMICS PROGRAMS

Agricultural Research Service

Information Staff
(301) 504-1638; Fax (301) 504-1648
www.ars.usda.gov

Cooperative State Research, Education and Extension Service

Communication and Information Access
(202) 720-2677; Fax (202) 690-0289
www.recusda.gov

Economic Research Service

Information Center
(202) 694-5050; Fax (202) 694-5689
www.ers.usda.gov

National Agricultural Library

Public Affairs
(301) 504-6778; Fax (301) 504-7042
www.nalusda.gov

National Agricultural Statistics Service

Information Hotline
(800) 727-9540; Fax (202) 690-2090
www.usda.gov/nass

RURAL DEVELOPMENT

Office of Community Development

Education Liaison
(202) 619-7980; Fax (202) 401-7420
www.rurdev.usda.gov/ocd

Rural Business-Cooperative Service

Cooperative Services Program
(202) 720-6483; Fax (202) 720-4641
www.rurdev.usda.gov/rbs

Rural Housing Service

Legislative and Public Affairs
(202) 720-4323; Fax (202) 690-1696
www.rurdev.usda.gov/rhs

Rural Utilities Service

Legislative and Public Affairs
(202) 720-1255; Fax (202) 205-9219
www.rurdev.usda.gov/rus



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<http://agi.state.al.us>

State of Alaska Division of Agriculture

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Palmer, AK 99645
(907) 745-7200; Fax (907) 745-7112
www.dnr.state.ak.us/ag

Arizona Department of Agriculture

1688 West Adams
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<http://agriculture.state.az.us>

Arkansas State Plant Board

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Little Rock, AR 72205
(501) 225-1598; Fax (501) 225-3590
www.plantboard.org

California Department of Food and Agriculture

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Colorado Department of Agriculture

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www.ag.state.co.us

Connecticut Department of Agriculture

765 Asylum Avenue
Hartford, CT 06105
(860) 713-2500; Fax; (860) 713-2514
www.state.ct.us/doag

Delaware Department of Agriculture

2320 South DuPont Highway
Dover, DE 19901
(302) 698-4500; Fax (302) 697-6287
www.state.de.us/deptagri/index.htm

Florida Department of Agriculture and Consumer Services

The Capitol PL10
Tallahassee, FL 32399-0810
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<http://doacs.state.fl.us>

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www.agri.state.id.us

Illinois Department of Agriculture

Post Office Box 19281, State Fairgrounds
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www.in.gov/oca

Iowa Department of Agriculture and Land Stewardship

502 East 9th Street
Des Moines, IA 50319
(515) 281-5322; Fax (515) 281-7046
www.agriculture.state.ia.us

Kansas Department of Agriculture

109 Southwest 9th Street, 4th Floor
Topeka, KS 66612-1280
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www.accesskansas.org/kda

Kentucky Department of Agriculture

Capitol Annex, Room 188
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(502) 564-5126; Fax (502) 564-5016
www.kyagr.com

Louisiana Department of Agriculture and Forestry

5825 Florida Boulevard
Baton Rouge, LA 70806
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Maine Department of Agriculture, Food and Rural Resources

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Augusta, ME 04333
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www.state.me.us/agriculture

Maryland Department of Agriculture

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www.mda.state.md.us

Massachusetts Department of Food and Agriculture

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90 West Plato Boulevard
St. Paul, MN 55107
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<http://mda.state.mn.us>

Mississippi Department of Agriculture and Commerce

121 North Jefferson Street
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<http://mdac.state.ms.us>

Missouri Department of Agriculture

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www.mda.state.mo.us

Montana Department of Agriculture

303 North Roberts
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<http://agr.state.mt.us>

Nebraska Department of Agriculture

301 Centennial Mall South, 4th Floor
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(402) 471-2341; Fax (402) 471-2759
www.agr.state.ne.us

Nevada Department of Agriculture

350 Capitol Hill Avenue
Reno, NV 89502-2923
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New Hampshire Department of Agriculture, Markets and Food

State House Annex, 2nd Floor
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www.nh.us/agric/aghomes.html

New Jersey Department of Agriculture

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Trenton, NJ 08625
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www.state.nj.us/agriculture

New Mexico Department of Agriculture

MSC 3189, Box 30005
Las Cruces, NM 88003-8005
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<http://nmdaweb.nmsu.edu>

New York Department of Agriculture and Markets

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www.agmkt.state.ny.us

North Carolina Department of Agriculture and Consumer Services

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Raleigh, NC 27611
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www.ncagr.com

North Dakota Department of Agriculture

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Bismarck, ND 58505-0020
(701) 328-2231; Fax (701) 328-4567
www.agdepartment.com

Ohio Department of Agriculture

8995 East Main Street
Reynoldsburg, OH 43068
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www.oh.us/agr

Oklahoma Department of Agriculture, Food and Forestry

2800 North Lincoln Boulevard
Oklahoma City, OK 73105
(405) 521-3864; Fax (405) 522-0909
www.state.ok.us/~okag

Oregon Department of Agriculture

635 Capitol Street, Northeast
Salem, OR 97301-2532
(503) 986-4552; Fax (503) 986-4750
www.oda.state.or.us

Pennsylvania Department of Agriculture

2301 North Cameron Street
Harrisburg, PA 17110-9408
(717) 772-2853; Fax (717) 705-8402
www.pda.state.pa.us

Rhode Island Division of Agriculture

235 Promenade Street, Room 370
Providence, RI 02908-5767
(401) 222-2781; Fax (401) 222-6047
http://state.ri.us/dem/org/agric.htm

South Carolina Department of Agriculture

Post Office Box 11280
Columbia, SC 29211
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www.scdas.state.sc.us

South Dakota Department of Agriculture

523 East Capitol
Pierre, SD 57501-3182
(605) 773-5425; Fax (605) 773-5926
www.state.sd.us/doa/doa.html

Tennessee Department of Agriculture

Post Office Box 40627
Nashville TN, 37204
(615) 837-5100; Fax (615) 837-5333
www.state.tn.us/agriculture

Texas Department of Agriculture

Post Office Box 12847, Capitol Station
Austin, TX 78711
(512) 463-7476; Fax (512) 463-1104
www.agr.state.tx.us

Utah Department of Agriculture and Food

350 North Redwood Road
Salt Lake City, UT 84116
(801) 538-7100; Fax (801) 538-7126
www.ag.state.ut.us

Vermont Department of Agriculture, Food and Markets

116 State Street, Drawer 20
Montpelier, VT 05620-2901
(802) 828-2416; Fax (802) 828-3831
http://state.vt.us/agric

Virginia Department of Agriculture and Consumer Services

1100 Bank Street, Suite 210
Richmond, VA 23219
(804) 786-2373; Fax (804) 371-2945
www.vdacs.state.va.us

Washington State Department of Agriculture

Post Office Box 42560
Olympia, WA 98504-2560
(360) 902-1801; Fax (360) 902-2092
www.wa.gov/agr

West Virginia Department of Agriculture

1900 Kanawha Boulevard, East
Charleston, WV 25305
(304) 558-2201; Fax (304) 558-2203
www.state.wv.us/agriculture

Wisconsin Department of Agriculture, Trade and Consumer Protection

2811 Agriculture Drive
Madison, WI 53708
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http://datcp.state.wi.us

Wyoming Department of Agriculture

2219 Carey Avenue
Cheyenne, WY 82002
(307) 777-6569; Fax (307) 777-6593
http://wyagric.state.wy.us

American Samoa Department of Agriculture

American Samoa Government
Pago Pago, AS 96799
(011-684) 699-2811; Fax (011-684) 699-4031

Guam Department of Agriculture

192 Dairy Road
Mangilao, GU 96923
(671) 734-3942; Fax (671) 734-6569

Puerto Rico Department of Agriculture

1309 Fernandex Juncos Avenue, Stop 19
Santurce, Puerto Rico 00908-1163
(787) 722-0871; Fax (787) 723-8512

Virgin Islands Department of Agriculture

1 Estate Lower Love
St. Croix, VI 00850
(340) 778-0991; Fax (340) 778-7977
www.usvi.org/agriculture



UNIVERSITY AGRICULTURAL PROGRAMS

UC Cooperative Extension County Offices

Alameda County

1131 Harbor Bay Parkway, Suite 131
Alameda, CA 94502
(510) 567-6812; Fax (510) 567-6813
cealameda.ucdavis.edu/index.cfm

Amador County

12200 Airport Road
Jackson, CA 95642-9527
(209) 223-6482; Fax (209) 223-3279
ceamador.ucdavis.edu

Antelope Valley Office

335-A E Avenue K-6
Lancaster, CA 93535
(661) 723-4477; Fax (661) 723-3751

Butte County

2279-B Del Oro Avenue
Oroville, CA 95965
(530) 538-7201; Fax (530) 538-7140
E-mail: cebutte@ucdavis.edu

Calaveras County

891 Mountain Ranch Road
San Andreas, CA 95249
(209) 754-6477; Fax (209) 754-6472
cecalaveras.ucdavis.edu

Colusa County

100 Sunrise Boulevard, Suite E
Colusa, CA 95932
(530) 458-0570; Fax (530) 458-4625
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Contra Costa County

75 Santa Barbara Road, 2nd Floor
Pleasant Hill, CA 94523-4215
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Del Norte County

586 G Street
Crescent City, CA 95531
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El Dorado County

311 Fair Lane
Placerville, CA 95667
(530) 621-5502; Fax (530) 642-0803
ceeldorado.ucdavis.edu

Elkus Youth Ranch

625 Miramontes, Suite 200
Half Moon Bay, CA 94019
(650) 712-3158; Fax (650) 712-3155
E-mail: ceelkus@ucdavis.edu

Fresno County

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Glenn County

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Humboldt County

5630 South Broadway
Eureka, CA 95503-6998
(707) 445-7351; Fax (707) 444-9334
E-mail: cehumboldt@ucdavis.edu

Imperial County

1050 East Holton Road
Holtville, CA 92250-9615
(760) 352-9474; Fax (760) 352-0846
ceimperial.ucdavis.edu

Indio Office

82-675 Highway 111, Room 118
Indio, CA 92201-2552
(760) 863-8293; Fax (760) 775-0600
E-mail: ceindio@ucdavis.edu

Inyo-Mono Counties

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Bishop, CA 93514
(760) 873-7854; Fax (760) 872-1610
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Kern County

1031 South Mount Vernon Avenue
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E-mail: cekern@ucdavis.edu

King City Office

522 North 2nd Street
King City, Ca 93930
(831) 385-3618; Fax (831) 385-0551

Kings County

680 North Campus Drive, Suite A
Hanford, CA 93230
(559) 582-3211 ext 2730; Fax (559) 582-5166
E-mail: cekings@ucdavis.edu

Lake County

883 Lakeport Boulevard
Lakeport, CA 95453
(707) 263-6838; Fax (707) 263-3963
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Lassen County

707 Nevada Street
Susanville, CA 96130
(530) 257-6363; Fax (530) 257-6129
E-mail: celassen@ucdavis.edu

Los Angeles County

2 Coral Circle
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(323) 838-8330; Fax (323) 838-7449
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Madera County

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Marin County

1682 Novato Boulevard, Suite 150-B
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Mariposa County

5009 Fairgrounds Road
Mariposa, CA 95338-9435
(209) 966-2417; Fax (209) 966-5321
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Master Food Preservers Volunteer Program

311 Fair Lane
Placerville, CA 95667
(530) 621-5506; Fax (530) 642-0803

Master Gardener Volunteer Program

311 Fair Lane
Placerville, CA 95667
(530) 621-5512; Fax (530) 642-0803

Mendocino County

579 Low Gap Road
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Modoc County

202 West 4th Street
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Monterey County

1432 Abbott Street
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Napa County

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Riverside County

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Sacramento County

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Siskiyou County

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Solano County

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cesolano.ucdavis.edu

Sonoma County

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South County Office

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Stanislaus County

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Sutter-Yuba Counties

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Trinity County

Trinity County Fairgrounds, Highway 3
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Tulare County

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Tuolumne County

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College of Agriculture
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E-mail: rstack@cvpwater.org

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