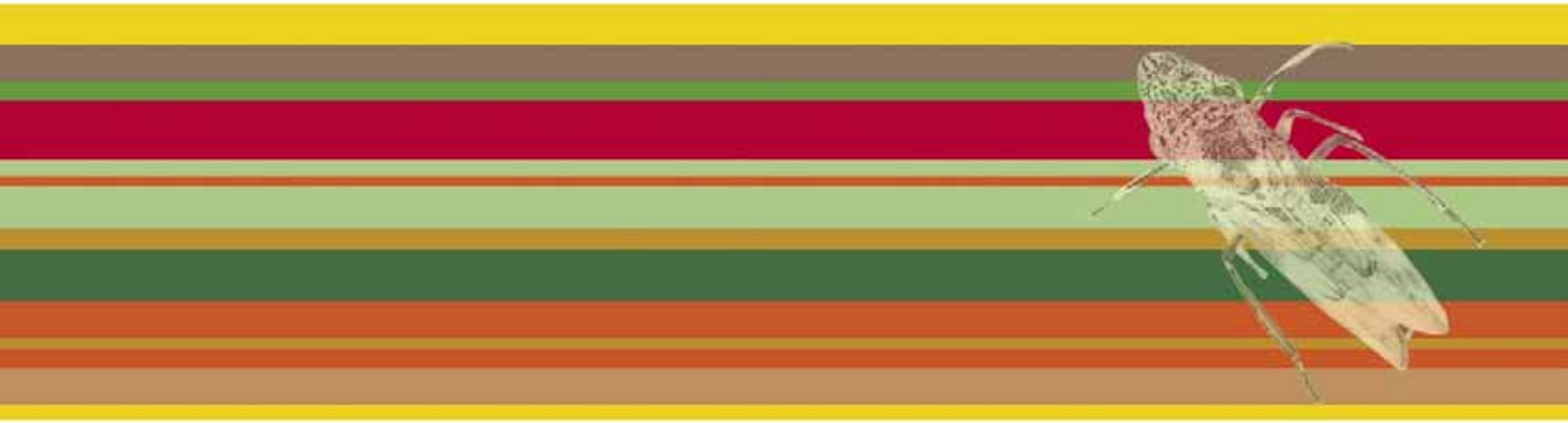
California Department of Food and Agriculture

CALIFORNIA AGRICULTURAL RESOURCE DIRECTORY 2005



GLASSY-WINGED SHARPSHOOTER:

Winning Battles Today,
Preparing for Threats Tomorrow

Acknowledgements

The California Department of Food and Agriculture is deeply grateful for the many individual and organizational contributions made to the Pierce's Disease Control Program. After five years the program has withstood the test of time, preventing spread of the glassy-winged sharpshooter and keeping the occurrence of Pierce's disease down to manageable levels. That being said, the battle is not yet won. We must continue to fight the fight as diligently as when the initial plan of action was developed.

Thank you…

- Our Governor, representatives of the California Legislature and congressional delegates, who have had the wisdom to create the statutory authority and continue to recognize the critical funding needs of the program.
- United States Department of Agriculture, which recognized the significance of this problem early on and provided funding and technical expertise that contributed substantially to the program's success.
- County agricultural commissioners and their staffs, who have fought the battles at the local level and have stood shoulder to shoulder with the California Department of Food and Agriculture in support of the regulatory and response elements of the program.
- The agricultural industry, which has invested a significant amount of dollars in helping to prevent spread of the insect and supported research to find solutions. The nursery industry in particular has absorbed significant new costs to do its part in preventing spread of the sharpshooter.
- University of California, UC Cooperative Extension and California State University systems, which have conducted vital basic and applied research that will provide the building blocks needed to develop long-term solutions to Pierce's disease as well as the tools for short-term management of the insect and disease.
- And last but not least, our staff at the California Department of Food and Agriculture's Pierce's Disease Control Program, whose professionalism, dedication and technical expertise is responsible for building and maintaining an exemplary partnership that is now being used as a model for pest prevention programs nationwide.

The five-year story of the Pierce's Disease Control Program is a tribute to all of the agencies and individuals mentioned above. It has been a privilege and an honor to be a part of this exceptional and outstanding team.

Robert L. Wynn, Jr.
Statewide Coordinator
Pierce's Disease Control Program

CALIFORNIA AGRICULTURAL RESOURCE DIRECTORY 2005

GLASSY-WINGED SHARPSHOOTER:
Winning Battles Today,
Preparing for Threats Tomorrow

Letter by
Governor Arnold Schwarzenegger

Foreword by
A.G. Kawamura, Secretary

Published by
California Department of Food and Agriculture

Governor
Arnold Schwarzenegger

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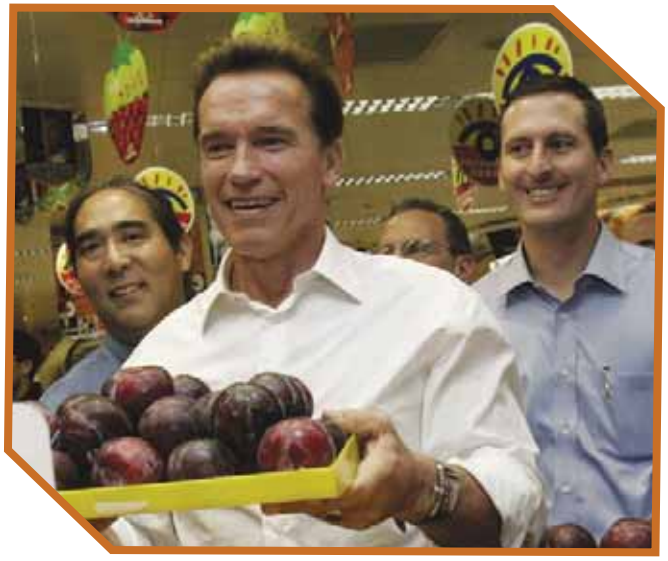
A Letter from Governor Arnold Schwarzenegger



Dear Friends:

The Golden State is a vast and fertile land, and the American spirit of ingenuity has helped create the most sophisticated agricultural system in the nation. Agriculture is a bedrock industry in California that drives our powerful economy and supports more than one million jobs. Our 77,000 farms and ranches produce more than 350 crops and $32 billion in direct farm sales.

California cultivates half of all the domestically produced fruits, nuts and vegetables consumed by Americans. Our hardworking farmers and ranchers make it possible for millions of people to eat nutritious, wholesome foods and enjoy a healthy lifestyle.

We are proud that our farming community remains committed to environmental stewardship and preserving a high quality of life in California.

As Governor, I am working faithfully to support innovative technologies that bring environmentally safe, affordable practices to agriculture and enhance the distribution of our products to the marketplace. Through the responsible management of our natural resources, the agricultural industry can help the nation meet its energy needs with increased production and biofuels.

We are working with policymakers, farmers, scientists and entrepreneurs across the state and country to promote forward-thinking cooperation and strengthen California through this key sector of our economy.

On behalf of all Californians, I encourage you to use this resource directory to learn more about our state's agricultural industries as well as the people and organizations that are crucial to their success.

Sincerely,

Arnold Schwarzenegger

Foreword

California is the world's fifth largest agricultural economy. As a farmer, I'm very proud that we produce everything from milk and honey to cotton and rice; and from figs and lettuce to pistachios and walnuts. Because of this remarkable abundance, agriculture in our state must remain ever vigilant against threats from pests and diseases that could at any moment put the industry, environment and public health at great risk.

For this reason, we have devoted editorial content of the annual agricultural resource directory to the menace posed by a half-inch-long insect and the disease it carries – the glassy-winged sharpshooter and Pierce's disease. If you are unfamiliar with this small but lethal pest and disease, you may be wondering how it destroys plants. The glassy-winged sharpshooter bites into a plant's stem or leaf and transmits Pierce's disease – a bacteria that kills numerous plants, including grapevines. The effect on California's grape and wine industries is potentially catastrophic. In the face of this looming calamity, California has fought back using manpower, science and technology.

This directory contains inspiring stories of tireless efforts by local county agricultural commissioners, University of California researchers, state biologists and scientists, and members of the affected industry sectors. Since detection of this pest back in the 1990s in Southern California, these individuals have worked to identify and combat even the slightest sign of a glassy-winged sharpshooter invasion. Due to their hard work, ingenuity and commitment, we have developed greater knowledge of the foe we confront, better strategies for defeating the disease and its transmitter, and better coordination of policies at all levels of government and between the public and private sectors.

This directory also contains the most recent information and data on the performance and output of agriculture in California. When reviewing the numbers, however, it is important to keep in mind that statistics alone do not define the industry. It is also defined by innovative approaches: risk-takers who find creative ways to solve problems. California's farmers and ranchers are real visionaries, seeking 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 values of patience and perseverance with new technologies and advanced agricultural practices. The result is a fast-changing, adaptable industry valued at nearly $32 billion and encompassing more than 350 plant and animal commodities.

As you use this resource directory to learn more about the impressive performance of California agriculture, I hope you'll also make time to discover some of the stories about the crops, technologies, and especially the men and women who provide your food, fiber and shelter – the people of California agriculture.

Sincerely,

A.G. Kawamura, Secretary
California Department of Food and Agriculture

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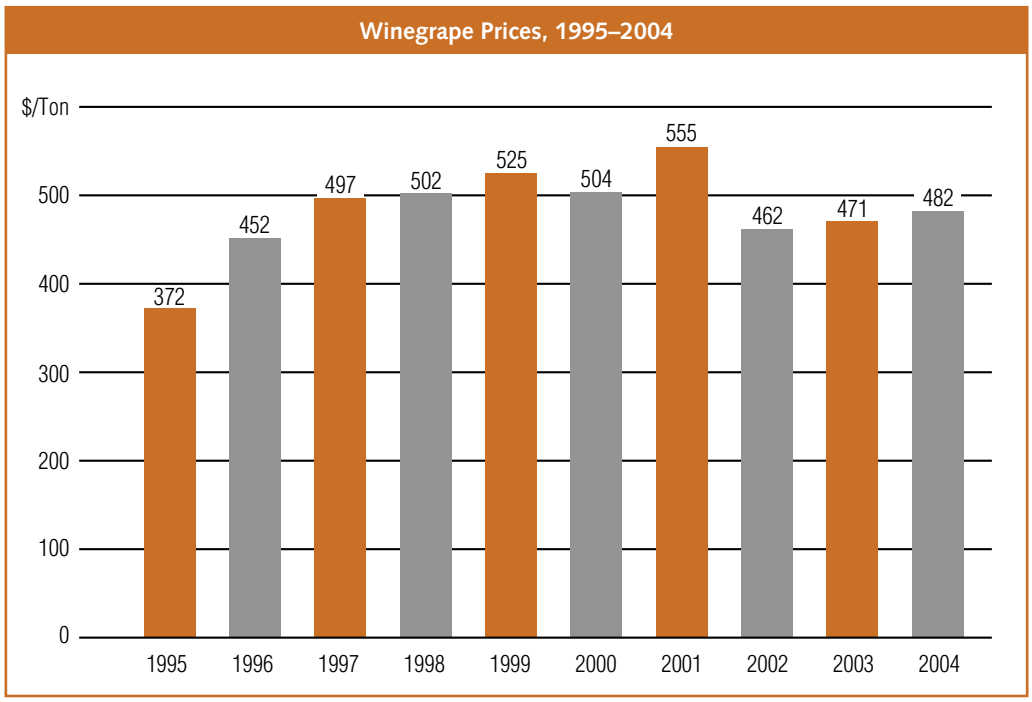
A Glass Half Full

California's Grape Growers, Winemakers Persevere Against Pierce's Disease and the Glassy-winged Sharpshooter

For California's grape growers and winemakers, the prosperous 1990s were years of advancement, improvement, expansion and enjoyment. The growing popularity of wine overshadowed mounting concerns about overplanting and rising land prices. For the moment, at least, the industry's cup was overflowing.

Business was good; the world, it seemed, was abuzz about the state's world-class wines. Unfortunately, by the end of the decade, it wasn't the only buzzing sound in the vineyard. The glassy-winged sharpshooter had turned up uninvited in Southern California's vineyards, and no one was quite sure just how much damage it would do.



1. California leads the nation in the production of grapes.

Hard facts were scarce, dire predictions were rampant; any way you looked at it, the picture was not pretty.

Apocalypse Then?

Back in 1999, statements in the media about the looming threat of the sharpshooter and Pierce's disease were peppered with words like "doomsday" and "apocalypse." Growers and researchers in the Temecula area had connected the dots between the trespassing glassy-winged sharpshooter and the unprecedented spread of disease in local vines. The losses were significant enough to appear ominous, but the state's plant pathologists and entomologists never had an opportunity to investigate this particular combination of disease and vector. They were simply at a loss to predict the long-term impacts.

Pierce's disease had been in California for over a century, but it had only occasionally flared up. Native insects weren't particularly good at spreading the bacteria, so it hadn't drawn much attention from growers or from the agricultural research community. But this party-crasher had arrived particularly well-dressed; the glassy-winged sharpshooter's feeding and breeding habits were tailor-made for spreading Pierce's disease.

California's top crop, its postcard vineyards, its vaunted reputation for world-class winemaking – all of it had gone from prime to precarious in the time it took to harvest the year's grape crop.

Back then, someone from Wall Street would call California Department of Food and Agriculture headquarters every few days to inquire about the viability of California winemakers, bottle makers, cork importers, tourism ventures and other businesses allied

1. Grape leaf showing typical Pierce's disease symptoms.

2. Adult glassy-winged sharpshooter, *Homalodisca coagulata*.

3. Crushed grapes.

with the wine industry. Bankers, loan officers, even individual investors wanted to know if the time had come to dump that stock or call in that note. Agricultural newsletters, striving to illustrate the severity of the impending threat, cooked up images of oversized glassy-winged sharpshooters stomping across the state map or devouring wine bottles.

Behind the scenes, though, growers and agricultural officials had quietly begun setting in place the cornerstones of a statewide defense against the insect. Researchers had been dispatched to delve into the disease; funding for the work was sought and secured; arrays of insect traps were deployed and surveys were begun; data began to trickle in, and steadily the picture became clearer – not a portrait of doomsday, but rather an outline of a problem that, while daunting, might not be insurmountable.

No Silver Bullet

As crew after crew of "bug finders" surveyed the state, the evidence began to show an apparent limitation of the infestation to Southern California. Perhaps it was just a matter of time before it spread northward, but scientists began to suggest that another factor – temperature, humidity, altitude, natural enemies, a combination of these, or maybe something else entirely – might figure into the equation. For whatever reason, much of the state had not been overrun by sharpshooters, as previously suspected, and there was a chance that the agricultural community could work together to protect those places that had not yet been infested.

Taking the Offensive: Stories from the Frontlines

Partners in this fight are playing a critical role in preventing economic disaster from visiting our state.

California's vineyards, nurseries, almond orchards and citrus groves are facing a serious threat. The combination of a plant disease with no cure and a half-inch-long leafhopper called a glassy-winged sharpshooter has wrought millions of dollars of damage in just a few years. With this threat, the California Department of Food and Agriculture's core function of fighting plant and animal diseases takes on new meaning in an age defined by the rapid and global movement of goods and people.

Pierce's disease has existed for more than 100 years in the state, but until recently there was no carrier as effective in transmitting the bacteria long distances or in spreading it so rapidly.

The glassy-winged sharpshooter, first found in Ventura County 15 years ago, has spread throughout Southern California. The insect is now moving northward and threatening the heart of California's farmlands – from the Central Valley up through Napa and Sonoma counties to as far north as Mendocino.

The state's best chance to combat this pest and disease combination is with its own offensive strike: through partnerships between government, nonprofit, academic and private enterprise. Without such a coordinated approach there is a real threat that this – and waves of other pests and diseases like rare forms of avian influenza and West Nile virus – will cost the state billions in economic and social losses.

The articles that begin on page 12 provide insight into this important story. In one case, researchers are hoping to use nature to inflict heavy casualties against this pest. This is the story of Dr. David Morgan and his search for a biocontrol agent to hold the line on infestations.

While researchers work on new methods of combating the pest, our state's nursery industry and county agricultural commissioners man the frontlines of the battle. Because the glassy-winged sharpshooter has a broad range of host plants, it is known to develop huge populations on woody ornamentals that are common throughout the state. With tens of thousands of nursery shipments each year, the nurseries and local agricultural commissioners have done an impressive job of inspection and detection.

California is fortunate to have some of the nation's best minds working on the problem. Foremost among these is UC Berkeley's Dr. Alexander Purcell, whose pioneering work has gained him the deserved reputation as one of the world's top experts on Pierce's disease.

This clearer picture of the geography of the problem eventually led regulators to propose an ambitious inspection program – involving hundreds of inspectors and millions of plants annually – that has largely kept shipments of nursery plants "clean" as they move northward through the state. Unprecedented? Yes. Expensive? Certainly. But with billions of dollars worth of grapes, stone fruits and other crops at stake, the investment has proven to be worth every penny.

Another revelation came about when growers and insect trapping crews found that the sharpshooters congregated in citrus groves during the winter months, leaving them susceptible to highly targeted treatments that could significantly reduce their populations in one fell swoop. Scientists, farmers and regulators lamented the apparent lack of a "silver bullet" that could solve the entire problem. But with every discovery, every advance, every research project, the growers were gaining tools and knowledge, slowly but surely learning to live with it.

Certainly, no one involved felt a sense of ease or relief about the overall threat at the time. Rather, those most involved in the project were experiencing a gradual adjustment from the alarmist, nearly defeatist attitude that had dominated the early months of the ordeal. What took its place was an increasingly promising outlook enlightened by science, data and determination. As time passed and the situation stabilized, stakeholders generally adopted a sense that they were not just treading water, but indeed they were succeeding by buying time for research that had already provided some helpful results and might later light the way past Pierce's disease and the glassy-winged sharpshooter.

…the sharpshooters congregated in citrus groves during the winter months, leaving them susceptible to highly targeted treatments that could significantly reduce their populations in one fell swoop.

1. Intensive trapping helps researchers and growers to target treatments.

2. Tiny wasps – natural enemies of the glassy-winged sharpshooter – help to control infestations.

3. Origin inspection of nursery stock to prevent movement of the glassy-winged sharpshooter.

Buying Time With Biocontrol

Soon after the statewide program began, scientists determined that one viable method of limiting the spread of the sharpshooter was biocontrol, an approach that relies on introducing a pest's natural enemies as a means of reducing its population. Trips to the sharpshooter's native range, in northern Mexico and the gulf states, gave scientists a few species of parasitic wasps to work with. The wasps help control the pests by laying their own eggs inside egg masses laid by the sharpshooters. The emerging wasps devour the sharpshooter eggs as their first meal.

The wasps are regularly released at several sites throughout Southern California, and limited releases are also carried out in other areas where sharpshooter populations spike or where newer infestations have been detected. Researchers returning to the release sites in subsequent seasons have been able to collect the wasps' descendants, indicating that the wasp colonies are surviving in the wild. The detection of a great many parasitized egg masses also shows that the biocontrol project has helped reduce the population of sharpshooters significantly.

Fast-forward

Progress of the statewide Pierce's Disease Control Program has exceeded expectations. The anxiety during the program's fitful first months back in 1999 has given way to a confident, consistent, positive attitude. The threat of Pierce's disease is still very real, and the stakes are about as high as they could be when it comes to California agriculture.

But well over 100 research projects have been funded; growers in infested areas have gained the knowledge necessary to impose a degree of control over the pest; many of the vineyards lost in Temecula back in 1999 and 2000 have been replanted; and at-risk crops elsewhere in the state remain largely free from the glassy-winged sharpshooter. This progress is due to an exemplary program that has brought growers, scientists, agricultural officials and their communities together in cooperative pursuit of a solution.

In mid-2005, the state's winegrape growers provided perhaps the clearest indication to date that the statewide program is succeeding. They voted overwhelmingly to continue an annual assessment on their crop sales to fund research into Pierce's disease and the glassy-winged sharpshooter. With that ballot, the growers did more than pay for research; they also sent a very valuable message to their leaders in Congress and the state legislature – and to consumers – that the farmers are behind this effort, they're in it for the long haul, and they are ready and willing to participate financially in finding a solution.

Apocalypse Now? No.

The apocalypse has not come to pass in California's vineyards, despite the early doom-and-gloom predictions. In fact, those involved in the statewide program generally agree that the biggest threat these days is not the sharpshooter, but the complacency that might tend to creep in after more than five years of relative success and increasing confidence. But the threat remains, and so must the vigilance remain as high as ever.

Researchers say that a solution to Pierce's disease is still at least several years away, so this story has not reached its end. Around here, though, you don't hear words like "doomsday" anymore. Unless maybe you're a sharpshooter.

Profile

Dr. David Morgan: A General of Science Directing an Army of Parasites

To the layperson, the idea might seem unusual: Go to a place with a major infestation of a dangerous exotic pest and set out to raise more of them. But for scientists fighting the glassy-winged sharpshooter, this approach makes perfect sense. The reason is simple, these researchers are also rearing parasites that consume sharpshooter egg masses, and there are inherent advantages in being steps away from the pest they are working to suppress.

This is a story that the California Department of Food and Agriculture and the U.S. Department of Agriculture are writing together. The agencies are partners in a rearing operation near Arvin, on the far southern edge of the Central Valley. The facility, which features a splendid view of the changing topography between the valley and the Tehachapi mountain range, is in a corner of Kern County that has seen heavy populations of glassy-winged sharpshooters.

The parasites are the real point of this project and they happen to be wasps. Tiny ones: So small they appear to be specks of dust to the naked eye. Under a microscope, though, it is clear that this natural enemy of the sharpshooter is indeed a wasp. This particular weapon in the arsenal is not interested in stinging humans – definitely an additional benefit. The Arvin rearing facility is important to the project since California is not their native habitat. The wasps must be imported and carefully tended to before they are turned loose.

These parasitic wasps are the foot soldiers in a war that the Pierce's Disease Control Program hopes will both inflict heavy casualties on the sharpshooters while also buying time for other scientists to find a cure for the disease.

"We're dealing with an insect, the sharpshooter, that is a vector of a disease," said Dr. David Morgan, who is the lead scientist at Arvin and its sister research facility in Riverside County. "You have to knock down the population of the vector enormously to actually reduce transmission of the disease."

In order for the rearing facility to produce wasps, it must first develop the environment required for the parasites to thrive. The first step comes in a greenhouse: Plants are raised as hosts for glassy-winged sharpshooters to feed and lay their eggs. Some of the eggs are collected for future research and the rest are used for the wasps, which lay their own eggs within the sharpshooter egg masses. Emerging wasps consume the sharpshooter eggs and then disperse and mate, searching out more sharpshooter eggs to parasitize.

Success of the Arvin operation at producing the right environment for rearing these tiny wasps extends beyond the confines of the property. "We provide

1. Dr. Morgan at work to introduce an effective biological control for the glassy-winged shaprshooter.

plants, we provide sharpshooters and we provide wasps to researchers who are also looking for ways of controlling the glassy-winged sharpshooter," said Dr. Morgan. "That is increasingly becoming our responsibility, which we are very proud."

Packages of these materials have been sent as far as Russia, Florida, Texas and North Dakota as well as to researchers with the U.S. Department of Agriculture and University of California. Research projects are all aimed at improving sharpshooter control strategies, including studies of insect behavior, insecticide trails, genetic analysis, disease transmission, and impacts on host plants.

Not surprising, the fact that the facility produces wasps for release into the environment tends to fire the imagination of the news media, which has shown substantial interest in the program. However, just seeing the wasps is a gigantic challenge for photographers. "When we first started we had *60 Minutes* come out with a big TV camera," said Dr. Morgan. "And, the cameraman kept banging his lens against the vial trying to get the wasps in focus." The releases may seem dramatic in the abstract, but they are no more elaborate than a researcher walking into a field and opening a small plastic vial the size of a film canister.

Since the program began nearly six years ago, five different wasps have been imported and reared for release in California. The first, *Gonatocerus triguttatus,* was introduced in 2000. The next two, *Gonatocerus ashmeadi* and *Gonatocerus morrilli,* released in 2001, are actually native wasps. However, they parasitize smoke tree sharpshooters in California, so scientists brought in specimens from elsewhere in an attempt to introduce new genes that might, over time, direct more of the natives to glassy-winged sharpshooters. In 2003, *Gonatocerus fasciatus* was released, followed by the release of *Anagrus epos* in 2005.

Anagrus epos represents a new frontier for the program. The wasp is native to Minnesota and active in winter. Therefore, it is believed the parasite will be successful in California during the early spring. If so, that would establish wasps to parasitize all life cycles of the glassy-winged sharpshooter year-round, an important goal.

An objective assessment of the parasitic wasp program to this point would likely conclude that significant progress is being made and acknowledge that there is still ground to cover before declaring the project an unqualified success. An accepted scientific benchmark is to find wasps in an area two years after introduction; at which point "you can put your hand on your heart and say we have this insect in California as a good biological control agent," said Dr. Morgan. So far, the heartiest of the exotic wasps introduced here has been *Gonatocerus triguttatus,* which has been found up to a year following introduction.

So there is more work to do at the out-of-the-way spot near Arvin: more studies of parasites, more conferring with fellow scientists, more plants to grow, more wasps to rear, more glassy-winged sharpshooters to introduce to tiny controlled environments in the midst of infestations just outside.

As for entomological security at the site, there is plenty: insects are reared in cages, which are placed in screened-off rooms within screened-off greenhouses. Any openings in the greenhouses are sealed. Further, all plants around the perimeter are treated with insecticide. It turns out that the greater concern is with insects getting in. The tiny environments must be pristine. So far, so good.

Profile

The Nursery Industry: A First-Person Look from the Frontlines of Battle

It is another clear day in the Ventura County interior: A mid-summer morning with all the warmth of the sun already beginning to shine through. At the Valley Crest Tree Company near Fillmore, production manager Brad Bowers steers his red pickup truck to a corner of the 290-acre property and climbs out, motioning in the direction of a small number of saplings lying on their side.

In effect, the young trees are like lab rats: They are infested with glassy-winged sharpshooter egg masses. The trees will be shipped by Valley Crest and accepted by agricultural inspectors at their destination. It is all part of a pilot project designed to ease restrictions on nursery-shipping channels between southern and northern California.

"The last four years have been pretty tough in that regard," said Bowers. Valley Crest, like some other Southern California nurseries, has stopped shipping many trees and plants north for seven months out of the year – the warmer months – because the time necessary to search for egg masses is cost prohibitive. To meticulously comb over a single large tree, a two-man crew would need three-to-four hours. The workers would be required to inspect each leaf, top and bottom. And if they miss even a single egg mass, then not only would the tree be rejected but so would the entire shipment. As a result, the nursery elected to back away from millions in annual sales. "We'd like to get a portion of that back," said Bowers.

Whether that occurs depends, in part, on the outcome of the pilot project. The main components of which include Valley Crest crews identifying trees with egg masses, isolating them, and treating them with pesticides before shipping to San Joaquin County where they are isolated again. They remain in isolation for the time it takes juveniles to hatch, with the premise that the pesticide treatment will kill the sharpshooters as they emerge. How many will die? All of them, hopefully.

Studies by UC Riverside researchers in controlled environments indicate a 99 percent to 100 percent kill ratio is possible. It all comes down to whether that kill ratio can be duplicated in the field. Success would mean that inspectors would no longer automatically reject shipments with glassy-winged sharpshooter egg masses.

It is no accident that nurseries are a focal point of the program. It's a cold fact that plant shipments are a major vehicle for spread of the glassy-winged sharpshooter, not to mention other pests and plant diseases. So, nursery operators throughout California are asked to shoulder significant responsibility of ensuring that their shipments are clean. A great deal of agriculture in this state depends on this vigilance. That said, it also must be pointed out that the nursery industry is doing an outstanding job in a general way and, specifically, with containment of the glassy-winged sharpshooter.

When the damage done and the threat posed by the sharpshooter and Pierce's disease became fully understood, the California Department of Food and Agriculture – in partnership with the U.S. Department of Agriculture and other public and private sectors – acted quickly to

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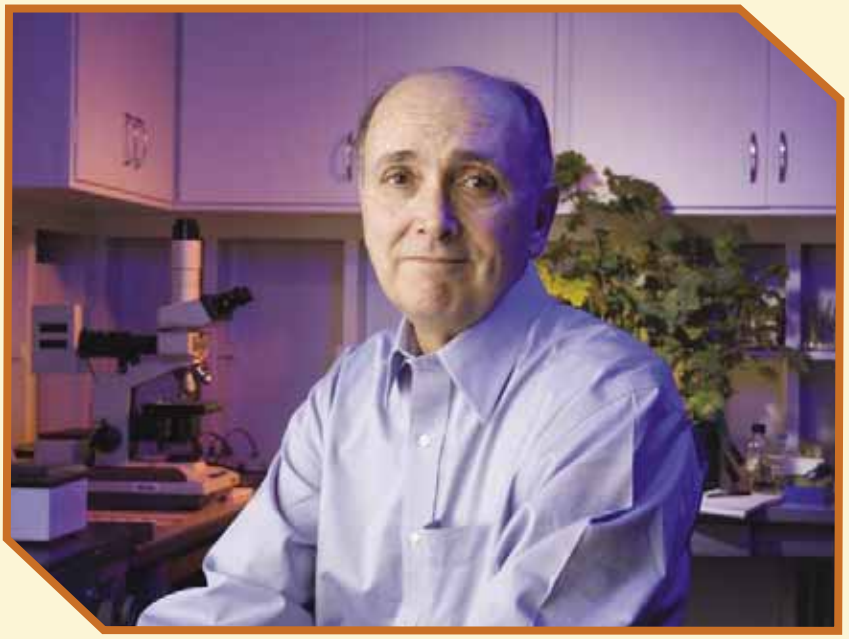
1. Valley Crest property near Filmore.

Profile

The Warrior Researcher: Dr. Alexander Purcell and the Fight Against Pierce's Disease



As a graduate student at UC Davis, Alexander Purcell says that he was initially totally naïve about Pierce's disease in grapevines. Yet, after being introduced to the topic, he became intensely interested in this agricultural plague and continued to work on it after becoming a faculty member at UC Berkeley. Over the ensuing decades, Purcell has established himself as one of the world's top experts on this devastating and still mysterious infection.

Influenced by mentors at UC Davis who had discovered the bacterium associated with Pierce's disease, Purcell came to the conclusion in his doctoral research that only Pierce infections in grapevines that occurred during March to June established a chronic form of the disease and that most vines infected later recovered. Because no one could culture the Pierce's disease bacterium at the time, his controversial hypothesis was difficult to prove. Yet, technology eventually caught up with Purcell's cutting-edge thinking, and when a media to culture the bacterium was developed, his theory was supported. Purcell has continued to push the research envelope throughout his impressive academic career that includes his present position as professor of entomology at UC Berkeley, where he also served as department chair in the 1990s.

Thinking outside the box is essential in battling Pierce's disease because many conventional treatments are ineffective. Purcell explains that unlike other bacterial plant diseases, *Xylella fastidiosa*, the bacterium that causes Pierce's disease, "lives in a protected environment in the plant where it spreads systematically before it produces disease symptoms, so chemical pesticides to kill or prophylactically prevent the establishment of the infection is very difficult." Despite the obstacles, however, Purcell says that advances are being made in combating the disease.

Given his finding that the March-June window is the critical infection period, Purcell emphasizes that "management of riparian vegetation can drastically reduce the numbers of blue-green sharpshooters entering vineyards in the critical spring months while also improving the quality of riparian vegetation near vineyards." This management, he explains, "Involves removing plant species that are highly attractive to the blue-green sharpshooter during spring months and replacing them with native riparian species that are not attractive so as to establish a riparian woodland setting as soon as possible." In addition, grape varieties that are highly susceptible to Pierce's disease, such as pinot noir and chardonnay, should not be planted near riparian areas that are rife with the disease.

While the spring months are the most dangerous, Purcell reminds growers that the glassy-winged

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1. Dr. Purcell is pushing the research envelope at his UC Berkeley lab.

Nursery Industry *continued from page 14*

establish a plan to minimize spread of the insect while researchers race to find a cure for Pierce's disease.

Five years into the program and the line against the sharpshooter is holding. While spot infestations have surfaced in regions around the state, the area that is regarded as generally infested in unchanged. Who gets credit for that? The nursery industry.

"As I travel the state talking about our program, I can tell you there is universal appreciation for what the nurseries have accomplished," said statewide coordinator Bob Wynn. "Working with our county agricultural commissioners, the nurseries are committed to stopping the spread of this pest." Just look at the numbers. They speak for themselves."

Each year, tens of thousands of nursery shipments move between southern and northern California. Within the program's first five years, more than 250,000 shipments have traveled that route. According to inspection records at points of origin, more than 99.97 percent of those shipments have been clean.

Heading the list of grateful agricultural sectors is the wine industry. Even though Pierce's disease threatens other crops, wine is the most vulnerable and highest profile commodity at risk. After Pierce's disease severely damaged vineyards in the Temecula area, grape growers came together to help fund a wide variety of research projects through an assessment on production. During the first four years of the assessment program, $17.8 million was raised for research. In 2005, growers voted on the program again, this time to extend it through 2011.

Circumstances being what they are, the wine and nursery industries have emerged as partners in the fight against the glassy-winged sharpshooter and Pierce's disease. Vintners and grape growers pay very close attention to news on nursery shipments, and the nursery operators understand that impacts on wineries will be a huge consideration before any changes occur in protocol for shipments.

So, if there comes a point in time when the pilot project is generally accepted, the wine industry will have a lot to say about it. At Valley Crest Tree Company, Brad Bowers says they understand that very well and they have a lot of respect for the challenges faced by the wine industry.

"We understand that they're very protective and that they want this done," said Bowers. "We think there's a world where we can both co-exist and get back to business the way it used to be."

Dr. Alexander Purcell *continued from page 15*

sharpshooter "can transmit Xylella to dormant grapevines in the winter." "Thus growers," warns Purcell, "should prevent winter activity of the glassy-winged sharpshooter in their vineyards." Winter weather, however, does play a role in curbing the spread of Pierce's disease.

"Freezing can be therapeutic for grapevines," he says. Further, "winter cold severity seems to explain the geographical limits of Pierce's disease." Purcell says, however, "Freezing alone clearly does not eliminate the bacterium; the plant appears to do that after freezing exposures." "Maybe," he conjectures, "we can cause plants to produce the same response using another trigger other than freezing."

Another encouraging avenue is the breeding of grape varieties that are resistant to the disease. Purcell says: "Many wild grape species are very tolerant of Xylella infections and have no or very mild symptoms. These are being used to breed tolerant or resistant new grape varieties that have high quality fruit for table, raisin or wine uses. …This work has to continue," he notes, "because it takes many years to produce a final product, but when it does, the benefits accrue year after year with no further cost inputs."

Despite the challenges, Purcell praises the efforts of industry and government to defeat Pierce's disease. "I'm very impressed," he says, "by the wine industry's response to financially support research and backing of the California Department of Food and Agriculture's programs to contain the glassy-winged sharpshooter." He observes that the industry's research support occurred even before Pierce's disease became a prominent statewide issue because of the glassy-winged sharpshooter. He also commends the citrus industry for supporting research and control "far beyond what they might reasonably be expected to do." He singles out the area-wide control program in Kern and Tulare counties for developing a successful approach to the disease and its insect carrier "which is a great way to go, the only alternative in my opinion."

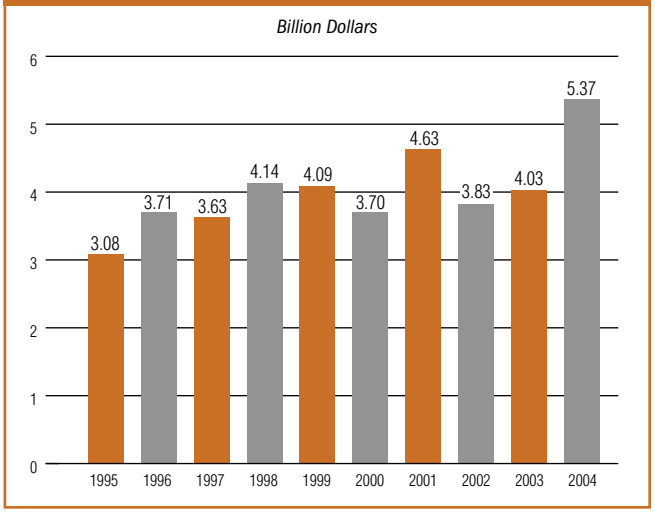
In the end, says Purcell, "The research and preventive control investments may seem large statewide, but they are very good investments in the future of the industries involved." "Relative to the value of potential losses," he points out, "the investments are just good business." The bottom line: "My advice is to stay the course."

California Agricultural Overview

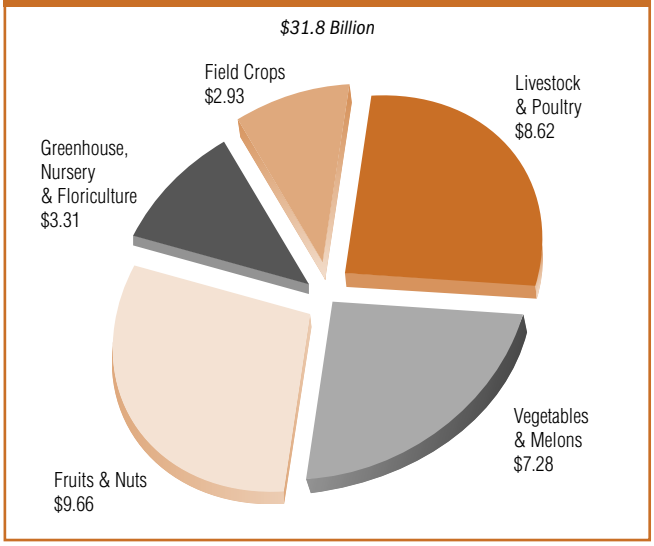
The year 2004 was a notable one for California's agricultural industry. Cash receipts from farm marketings rose 10 percent to a new record high of $31.8 billion. As the nation's No. 1 agricultural producer, the Golden State's cash receipts represented 13.2 percent of the U.S. total and were more than Texas and Iowa (the second and third leading states) combined. The commodities contributing most to the increase in 2004 were milk, almonds and grapes.

Milk cash receipts were up 33 percent to $5.37 billion. Milk production increased 2.9 percent, while the average return rose 29 percent to $14.73 per hundred pounds of milk, reflecting strong demand for cheese and other dairy products. California dairies produced 21 percent of the U.S. milk supply in 2004.

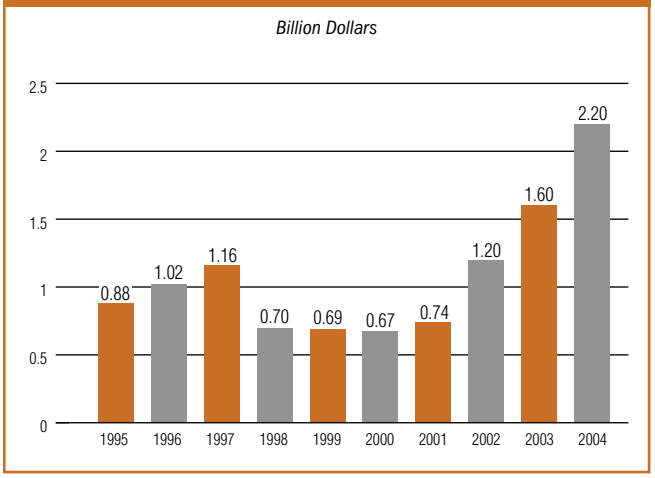
Milk Cash Receipts, 1995–2004



California's Gross Cash Income, 2004



Almond Cash Receipts, 1995–2004

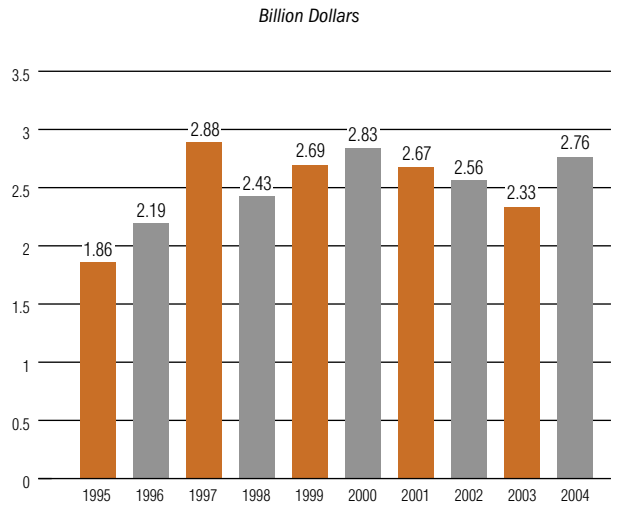


While output from the state's almond orchards declined slightly in 2004, the price of nuts per pound climbed 41 percent to $2.21, reflecting strong global demand for California's No. 1 export crop. Total cash receipts rose from $1.6 billion in 2003 to $2.2 billion last year.

Cash receipts for all types of grapes rose 19 percent to $2.76 billion. The increase was attributed primarily to a recovery of prices for raisin-type varieties of grapes after several years of lower prices. The raisin-type varieties are used for wine and juice concentrate, as well as for drying.

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 solely produced in California.

Grape Cash Receipts, 1995–2004



Notable Increases in Cash Receipts:

Almonds	37%
Beans, Fresh Snap	59%
Chickens	33%
Corn, Sweet	47%
Hogs	44%
Lemons	32%
Milk	33%
Onions	35%
Peaches, Clingstone	30%
Pears, (other than Bartlett)	46%
Peppers, Chili	49%
Pistachios	206%
Squash	38%

California's Top 20 Commodities for 2002–2004

Commodity	Value and Rank $1,000					
	2002		2003		2004	
Milk and Cream	3,832,501	(1)	4,027,837	(1)	5,365,992	(1)
Grapes, All	2,566,918	(2)	2,324,650	(3)	2,756,535	(2)
Nursery	2,295,136	(3)	2,435,085	(2)	2,649,326	(3)
Almonds	1,200,687	(6)	1,600,144	(5)	2,200,055	(4)
Cattle and Calves	1,228,722	(5)	1,555,908	(6)	1,633,740	(5)
Lettuce, All	1,318,281	(4)	1,932,486	(4)	1,462,331	(6)
Strawberries	931,649	(7)	1,172,437	(7)	1,218,860	(7)
Tomatoes, All	946,761	(9)	895,394	(9)	1,090,589	(8)
Hay, All	925,107	(10)	852,425	(10)	1,010,175	(9)
Flowers	1,001,190	(8)	997,396	(8)	1,001,882	(10)
Cotton, All	650,600	(11)	753,355	(11)	807,187	(11)
Chickens, All	452,359	(15)	537,029	(13)	714,581	(12)
Broccoli	486,192	(13)	575,224	(12)	625,721	(13)
Oranges, All	558,843	(12)	465,712	(14)	563,168	(14)
Carrots, All	412,712	(14)	427,465	(15)	448,189	(15)
Pistachios	333,300	(17)	145,180	(32)	444,160	(16)
Walnuts	329,940	(19)	378,160	(18)	438,750	(17)
Avocados	358,000	(16)	364,560	(17)	380,160	(18)
Rice	271,690	(26)	405,974	(16)	352,775	(19)
Peppers, All	242,081	(25)	243,605	(24)	332,242	(20)

Notable Decreases in Receipts:

Cotton, Upland.....32%
Honey.....60%
Lettuce 24%
Nectarines.....28%
Oats.....23%
Peaches, Freestone 21%

California Farm Facts

California had 77,000 farms and ranches in 2004, less than 4 percent of the nation's total. The average California operation had $413,000 in farm sales, compared with the U.S. average of $114,000 per farm. In 2004, California's land devoted to farming and ranching totaled 26.7 million acres. The average farm size was 347 acres, compared with the U.S. average of 443 acres.

California's Top 20 Commodities

California's top 20 crop and livestock commodities accounted for 80 percent of the state's gross farm income. Ten commodities exceeded $1 billion in value. Milk remained the No. 1 commodity in 2004, followed by grapes and nursery products.

Leading Counties

California has some of the most agriculturally productive counties in the nation. According to the 2002 Census of Agriculture's ranking of market value of agricultural products sold, nine of the nation's top 10, and 12 of the top 20, producing counties are in California.

In 2004, Fresno, with $4.69 billion in agricultural value, remained the No. 1 county in the nation followed by Tulare and Monterey. If ranked separately, the value of agricultural commodities in Fresno County would rank it ahead of 22 other states in the nation.

California's Top 10 Agricultural Counties

County	Total Value and Rank ($1,000) 2003		2004		Leading Commodities
Fresno	4,052,767	(1)	4,688,550	(1)	Grapes, Cotton, Tomatoes, Almonds, Milk
Tulare	3,294,660	(2)	4,037,351	(2)	Milk, All Oranges, Cattle and Calves, Grapes, Alfalfa Hay and Silage
Monterey	3,288,468	(3)	3,397,907	(3)	Leaf and Head Lettuce, Strawberries, Broccoli, Nursery, Spinach
Kern	2,502,659	(4)	3,142,481	(4)	All Grapes, Almonds and By-products, All Milk, All Citrus, Cotton and Cottonseed
Merced	1,918,230	(5)	2,365,494	(5)	All Milk, Almond Meats, Chickens, Cattle and Calves, All Tomatoes
Stanislaus	1,454,928	(7)	1,978,434	(6)	All Milk, Almonds, Cattle and Calves, All Chickens, Deciduous Fruits and Nuts
San Joaquin	1,494,693	(6)	1,613,037	(7)	All Milk, All Grapes, Almond Meats, All Tomatoes, All Cherries
San Diego	1,351,059	(8)	1,461,873	(8)	Foliage and Bedding Plants, Woody Ornamentals, Avocados, Fresh Tomatoes, Cut Flowers
Ventura	1,117,567	(10)	1,387,004	(9)	Strawberries, Nursery Stock, Lemons, Avocados, Celery
Kings	1,136,966	(9)	1,196,890	(10)	All Milk, All Cotton, Cattle and Calves, Alfalfa Hay, Processing Tomatoes

Weather Highlights for 2004

In California, the 2004 season started out with heavy rain in the north, which hampered Navel orange harvesting and quality, but little rain fell in the south. The rains also delayed field preparation and planting for some field crops, but benefitted the already planted crops. February began with light precipitation, but ended with heavy rain in both the north and south. The rain helped vegetable crops, but hurt some fruit and nut crops, which resulted in lower production. There was also some tree loss from high winds. The continued rain and cold caused some flooding of grain fields and slowed the growth of grain crops. Planting of spring vegetables began and harvesting of other vegetables continued.

March had some light rain, but was mostly dry and unusually warm. The Navel crop quality continued to deteriorate as warm weather increased the rate of breakdown. The unusually warm weather in March was just the beginning of a spring heat wave that resulted in lower fruit size and production in many crops. Field and vegetable crops exhibited strong growth and accelerated development from the combination of rain and warm weather.

April began with record high temperatures and little rain. Most grain and vegetable crops continued to do well under the high temperatures, although some struggled with the lack of moisture. Dried plum orchards experienced poor pollination due to the high temperatures. Boysenberries, strawberries and blueberries, though, benefitted from the warm weather. Many crops began to require irrigation as there was little rain and rapid growth. Toward the end of April there was some light rain across the state, but the weather quickly returned to warm and dry.

Thinning was active in stone fruit orchards during April and May. May started out very warm, with some rain in the northern part of the state. Some blooming began as much as two weeks ahead of schedule because of the abnormally warm weather. There continued to be widespread irrigation because of high temperatures. Field crop and summer vegetable growth continued to be very good, due to the high temperatures. The

Top 5 Agricultural States in Cash Receipts, 2004

State	Rank	Total Value *Billion Dollars*
California	1	31.8
Texas	2	16.5
Iowa	3	14.7
Nebraska	4	11.8
Minnesota	5	9.8

Crop and Livestock Commodities in which California Leads the Nation

Almonds
Apricots
Artichokes
Asparagus
Avocados
Beans, Black-eyed
Beans, Dry Baby Lima
Beans, Dry Large Lima
Beans, Green Lima
Bedding/Garden Plants
Bee Colonies
Broccoli
Brussels Sprouts
Cabbage, Chinese
Carrots
Cauliflower
Celery
Chicory
Daikon
Dates
Eggplant
Escarole/Endive
Figs
Flowers, Bulbs
Flowers, Cut
Flowers, Potted Plants
Garlic
Grapes, Raisins
Grapes, Table
Grapes, Wine
Greens, Mustard
Hay, Alfalfa
Herbs
Honey
Jojoba
Kale
Kiwifruit
Kumquats
Lemons
Lettuce, Head
Lettuce, Leaf
Lettuce, Romaine
Melons, Cantaloupe
Melons, Honeydew
Milk
Milk Goats
Nectarines
Nursery, Bedding Plants
Nursery Crops
Olives
Onions, Dry
Onions, Green
Parsley
Passion Fruit
Peaches, Clingstone
Peaches, Freestone
Pears, Bartlett
Peas, Chinese
Peppers, Bell
Persimmons
Pigeons and Squabs
Pistachios
Plums
Plums, Dried
Pomegranates
Raspberries
Rice, Sweet
Safflower
Seed, Alfalfa
Seed, Bermuda Grass
Seed, Ladino Clover
Seed, Sudan Grass
Seed, Vegetable and Flower
Spinach
Squash
Strawberries
Tomatoes, Processing
Turnips
Vegetables, Greenhouse
Vegetables, Oriental
Walnuts

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

pistachio and almond nut sets were both heavy. Stone fruit harvesting began in early May, but slowed toward end of the month as temperatures dropped to below normal. Harvesting began in some of the mature grain fields, and continued in potato, alfalfa and sugar beet fields. Cooler temperatures slowed summer vegetable development, but were beneficial for the vegetable quality.

In June, the weather returned to normal levels, although the temperature dropped down a little mid-month, and there was some light precipitation. Stone fruit harvest was in full swing, although cool mornings in the north delayed the peach harvest by about a week. Table, wine and raisin grape development were all ahead of schedule, due to the warmer weather. Hull split began to show in some almond orchards. A levee broke in San Joaquin County in mid-June, resulting in the flooding and loss of thousands of acres of wheat, corn, alfalfa and other field crops. Some asparagus and processing tomato fields were also flooded.

July was hot and dry, with temperatures reaching the 100s in some areas. Stone fruit prices were low, slowing the harvest. Picking was ahead of schedule for apples in some areas, because of the warmer temperatures. High temperatures continued to be advantageous to the growth and quality of field and summer vegetable crops. The hot weather continued into August and began to have an effect on pomegranate and persimmon coloration. Almond, raisin grape, wine grape and pomegranate harvesting began, just as table grape, stone fruit, lemon, grapefruit, potato, safflower, sunflower and vegetable harvesting continued. Field preparation began in harvested grain fields for the upcoming planting season. Both cotton and rice growth benefitted from the warm weather and rice harvesting began toward the end of the month. Hay quality was reported as good-to-excellent.

September was mostly warm and dry, although there was some rain in Southern California. Pistachios, olives and some walnuts began to be harvested, and growers became concerned about heat damage to the new Navel orange crop. Planting and preparations for next season were underway in most harvested crops.

October began with light rain across the state and ended with heavy rain and wind. The raisin crop had rain damage and citrus harvesting was delayed. Cotton crop harvesting began, but was slowed by the weather. Almost all crops experienced some delay in harvesting or field preparations, due to the weather. These delays continued into November, but the weather was dry by the end of the month. The rain caused fruit split in pomegranates and Navel oranges, mold problems with the dry bean crop, and lower yield and quality in the cotton waiting to be harvested. Harvesting of citrus crops and winter vegetables began and continued through the end of the year. The year ended cold, with light rain across the state.

California's Top 20 Agricultural Exports, 2003–2004				
Commodity	Rank	2003 Export Value *Thousands*	2004 Export Value *Thousands*	Percent Change
Almonds	1	1,081,181	1,369,687	27
Wine [1]	2	551,793	683,847	24
Cotton	3	676,436	629,322	-7
Table Grapes	4	386,272	453,862	17
Dairy and Products	5	326,246	439,916	35
Oranges and Products [1]	6	343,756	345,183	0
Rice	7	217,144	279,688	29
Tomatoes, Processed [1]	8	238,679	250,263	5
Walnuts	9	213,898	240,466	12
Strawberries [1]	10	197,878	204,495	3
Raisins	11	164,670	195,099	18
Lettuce [1]	12	178,062	188,258	6
Pistachios	13	135,307	178,965	32
Dried Plums	14	133,634	130,105	-3
Peaches and Nectarines [1]	15	125,741	123,340	-2
Hay [1]	16	106,748	106,646	0
Broccoli [1]	17	96,925	99,435	3
Beef and Products	18	214,663	80,071	-63
Carrots [1]	19	76,311	78,356	3
Lemons [1]	20	75,529	77,041	2

[1] 2003 figures were revised based on updated production data.

Global Marketplace

California's agricultural exports surpassed $8 billion for the first time in 2004, setting a new record. This represents a 9 percent increase with respect to 2003 and a 25 percent increase over 2002.

California exports agricultural products to almost 150 countries, but the 10 principal destinations accounted for 84 percent of the 2004 export value, and the main four destinations – the EU, Canada, Japan and Mexico – accounted for two-thirds of the total.

For two years, the European Union has been the key destination for California agricultural exports, accounting for 25 percent of the 2004 export value. Principal commodities shipped to the European Union are wine, nuts and dried fruits.

Even though the main market for California agricultural production is still the rest of the nation, foreign markets have become relatively more important in the past five years. In 1999, only 16 percent of the local production was being shipped to overseas markets, whereas in 2004 this figure was 22 percent. Clearly, California agriculture is enjoyed around the world.

California's Top 10 Agricultural Export Markets, 2004			
Rank	Country	Export Value *Millions*	Leading Exports
1	European Union	1,698	Almonds, Wine, Walnuts
2	Canada	1,467	Lettuce, Strawberries, Table Grapes
3	Japan	905	Rice, Almonds, Hay
4	Mexico	527	Dairy, Cotton, Table Grapes
5	China/Hong Kong	456	Cotton, Oranges, Table Grapes
6	Korea	259	Oranges, Cotton, Almonds
7	Taiwan	179	Cotton, Rice, Peaches and Nectarines
8	India	114	Almonds, Cotton, Table Grapes
9	Malaysia	85	Table Grapes, Oranges, Raisins
10	Indonesia	78	Cotton, Table Grapes, Dairy

Cash Income by Commodity Groups, 2002–2004

Source of Income	$1,000		
	2002	2003	2004
FIELD CROPS			
Alfalfa Seed	17,986	11,442	35,300
Barley	10,562	8,685	9,768
Beans, Dry	50,864	57,352	50,425
Corn for Grain	57,779	52,602	56,581
Cotton Lint	516,203	835,013	666,510
Cottonseed	81,972	88,853	106,201
Grain, Sorghum	1,899	2,314	2,409
Hay, All	559,970	529,118	603,344
Oats	4,068	3,917	3,015
Oil Crops	18,906	27,799	23,636
Potatoes (Excl. Sweet)	267,166	222,216	217,782
Potatoes, Sweet	67,267	80,892	79,057
Rice	227,027	311,794	329,317
Sugar Beets	77,224	77,381	77,381
Wheat	129,890	105,253	133,507
Other Seed Crops	157,073	138,372	136,434
Other Field Crops	418,564	411,769	399,790
TOTAL	**2,664,420**	**2,964,772**	**2,930,457**
Percent of Gross Cash Income	**9.4**	**9.8**	**8.6**
FRUIT AND NUT CROPS			
Almonds	1,200,687	1,600,144	2,200,055
Apples	45,589	63,971	62,235
Apricots	22,964	29,225	28,575
Avocados	327,911	364,560	365,371
Berries, Bushberries	54,814	146,050	155,285
Berries, Strawberries	931,649	1,172,537	1,218,860
Cherries	93,315	106,883	123,156
Dates	34,938	40,292	41,041
Figs	18,087	15,373	19,463
Grapefruit	50,807	65,391	60,532
Grapes	2,563,201	2,325,231	2,758,467
Kiwifruit	18,097	20,472	19,977
Lemons	292,535	215,562	284,413
Nectarines	114,600	119,028	86,278
Olives	58,983	48,289	59,384
Oranges, Navel and Miscellaneous	394,325	292,222	425,095
Oranges, Valencia	130,672	152,216	152,231
Peaches,Clingstone	132,639	108,484	141,494
Peaches, Freestone	138,369	138,746	109,760
Pears	77,018	63,376	80,432
Pecans	4,826	5,254	7,735
Pistachios	333,300	145,180	444,160
Plums	77,586	87,362	74,347
Plums, Dried (Prunes)	103,113	131,680	121,042
Tangerines	40,633	37,425	38,275
Walnuts	329,940	374,900	438,750
Other Fruits and Nuts	178,528	164,751	151,111
TOTAL	**7,769,126**	**8,034,604**	**9,667,524**
Percent of Gross Cash Income	**27.4**	**26.6**	**28.2**
CHRISTMAS TREES			
TOTAL	**9,662**	**7,975**	**9,900**
Percent of Gross Cash Income	**—**	**—**	**—**
NURSERY, GREENHOUSE AND FLORICULTURE			
TOTAL	**3,310,099**	**3,449,943**	**3,318,247**
Percent of Gross Cash Income	**11.7**	**11.5**	**9.7**

Source of Income	$1,000		
	2002	2003	2004
VEGETABLE CROPS			
Artichokes	66,764	75,701	72,023
Asparagus	116,280	111,996	115,056
Beans, Green Lima	13,760	11,846	9,019
Beans, Snap, All	44,927	37,135	54,076
Broccoli, All	486,192	575,224	625,721
Cabbage	64,960	84,240	101,483
Carrots, All	412,712	427,465	448,189
Cauliflower	156,649	192,210	189,675
Celery	225,405	241,324	265,081
Corn, Sweet	88,270	118,047	173,460
Cucumbers, All	36,250	34,166	31,004
Garlic	140,056	146,038	129,522
Lettuce	1,318,281	1,932,486	1,462,331
Melons, Cantaloupe	217,100	184,877	175,950
Melons, Honeydew	63,403	64,750	70,096
Melons, Watermelon	74,486	67,954	72,981
Mushrooms	184,755	186,987	182,663
Onions	163,391	231,604	313,534
Peppers, Chili	41,463	36,999	55,122
Peppers, Green	200,618	206,606	277,120
Pumpkins	17,710	15,190	16,830
Spinach, All	121,484	178,584	210,228
Squash	31,384	33,241	45,973
Tomatoes, Fresh	318,780	366,180	420,616
Tomatoes, Processing	627,981	529,214	669,973
Other Vegetable Crops	1,352,670	1,335,958	1,098,192
TOTAL	**6,585,731**	**7,426,022**	**7,285,918**
Percent of Gross Cash Income	**23.3**	**24.6**	**21.3**
LIVESTOCK, POULTRY AND PRODUCTS			
Aquaculture	12,966	59,450	51,612
Cattle and Calves	1,228,722	1,555,908	1,633,740
Chickens, All	452,359	537,029	714,581
Eggs	204,232	282,458	288,412
Hogs	21,646	27,605	39,855
Honey	31,020	44,702	17,726
Milk and Cream	3,832,501	4,027,837	5,365,992
Sheep and Lambs	51,968	68,861	57,612
Turkeys	158,026	150,718	169,937
Wool	1,620	2,765	2,822
Other Livestock/Poultry	275,154	285,842	280,851
TOTAL	**6,270,214**	**7,043,175**	**8,623,140**
Percent of Gross Cash Income	**22.1**	**23.3**	**25.1**
TOTAL CASH INCOME FROM MARKETINGS			
TOTAL	**26,609,252**	**28,926,491**	**31,835,185**
FARM RELATED INCOME			
TOTAL	**1,719,739**	**1,254,908**	**2,430,662**
Percent of Gross Cash Income	**6.1**	**4.2**	**7.1**
GROSS CASH INCOME FROM FARMING [1]			
TOTAL	**28,328,991**	**30,181,399**	**34,265,847**

[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, 2000–2004 [1]

Item	$1,000				
	2000	2001	2002	2003	2004
Value of Crop Production	19,289,477	18,949,704	20,457,766	21,606,125	23,480,308
Food grains	232,790	352,569	356,918	417,047	462,824
Feed crops	553,613	668,847	634,278	596,636	675,116
Cotton	578,961	676,782	598,175	923,866	772,711
Oil crops	38,261	28,315	18,906	27,799	23,636
Tobacco	0	0	0	0	0
Fruits and tree nuts	7,114,514	7,110,868	7,769,126	8,034,605	9,667,524
Vegetables	6,598,686	6,143,010	6,786,274	7,599,495	7,450,517
All other crops	3,896,964	3,924,446	4,175,363	4,283,869	4,159,715
Home consumption	10,637	12,403	9,549	6,843	5,566
Value of inventory adjustment [2]	265,051	32,464	109,177	(284,035)	262,698
Value of Livestock Production	6,295,508	7,397,839	6,321,169	6,986,534	8,834,607
Meat animals	1,315,788	1,433,448	1,302,336	1,652,372	1,731,207
Dairy products	3,704,035	4,625,431	3,832,501	4,027,837	5,365,992
Poultry and eggs	978,700	1,035,870	870,483	1,024,857	1,230,065
Miscellaneous livestock	254,174	262,082	264,894	338,109	295,876
Home consumption	4,057	1,736	2,192	2,146	3,441
Value of inventory adjustment [2]	38,754	39,272	48,763	(58,787)	208,026
Revenues from Services and Forestry	1,545,162	1,705,462	1,507,669	1,613,487	1,979,515
Machine hire and custom work	391,794	296,129	314,588	338,896	584,518
Forest products sold	4,738	7,801	8,163	7,851	6,800
Other farm income	408,439	673,978	442,620	505,784	597,115
Gross imputed rental value of farm dwellings	740,191	727,554	742,298	760,956	791,082
Value of Agricultural Sector Production	**27,130,147**	**28,053,005**	**28,286,604**	**30,206,147**	**34,294,430**
less: Purchased Inputs	13,872,849	15,304,067	14,643,314	13,949,565	13,395,354
Farm Origin	4,015,181	4,023,520	3,956,304	3,732,343	3,858,880
Feed purchased	2,667,673	2,527,528	2,562,445	2,240,001	2,289,999
Livestock and poultry purchased	601,613	619,786	533,549	622,344	688,879
Seed purchased	745,895	876,206	860,310	869,998	880,002
Manufactured Inputs	2,918,803	3,260,957	3,028,028	2,890,206	2,957,826
Fertilizers and lime	791,312	826,768	760,680	800,003	870,000
Pesticides	957,188	1,031,682	944,037	980,003	909,998
Petroleum fuel and oils	580,330	550,944	544,295	541,215	640,670
Electricity	589,973	851,563	779,016	568,985	537,158
Other Purchased Inputs	6,938,865	8,019,590	7,658,982	7,327,016	6,578,648
Repair and maintenance of capital items	894,327	795,343	754,001	791,668	1,100,345
Machine hire and custom work	738,304	707,713	923,778	839,043	697,524
Marketing, storage, and transportation expenses	1,903,131	2,132,059	1,889,496	1,786,459	1,430,351
Contract labor	1,143,570	1,635,114	1,425,365	1,578,079	1,240,770
Miscellaneous expenses	2,259,533	2,749,361	2,666,342	2,331,767	2,109,658
plus: Net Government Transactions	26,686	(72,063)	(108,320)	194,862	(157,979)
+ Direct Government payments	667,466	586,761	461,539	814,798	506,591
- Motor vehicle registration and licensing fees	39,547	43,505	29,296	59,938	64,568
- Property taxes	601,233	615,319	540,563	559,998	600,002
Gross Value Added	13,283,983	12,676,875	13,534,970	16,451,445	20,741,097
less: Capital Consumption	1,041,433	1,059,546	1,076,993	1,076,252	1,119,006
Net Value Added	12,242,550	11,617,329	12,457,977	15,375,193	19,622,091
less: Payments to Stakeholders	6,799,421	6,821,364	6,559,891	6,949,541	7,372,455
Employee compensation (total hired labor)	4,930,680	4,927,743	4,692,655	4,771,924	5,429,226
Net rent received by non-operator landlords	446,578	554,568	547,492	894,550	625,639
Real estate and non-real estate interest	1,422,163	1,339,053	1,319,744	1,283,067	1,317,590
Net Farm Income	**5,443,129**	**4,795,965**	**5,898,086**	**8,425,652**	**12,249,636**

[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, regardless of ownership. 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.

Source: USDA Economic Research Service

Commodity Rank, Acreage, Production, Value and Leading Producing Counties, 2004

Commodity	U.S. Rank [1]	CA Share of U.S. Prod.	Area Harvested	Short Tons (2,000 Lbs.)	Total Value [2]	California Rank 2003	California Rank 2004	Harvest Season	Leading Counties [3]
		Percent	*1,000 Acres*	*1,000 Tons*	*$1,000*				
VEGETABLES									
Total Value – $7,200,499,000									
Artichokes [4]	1	99	7.5	41.3	72,023	46	47	Continuous	Monterey, Riverside, San Mateo, Orange
Asparagus	1	48	24.0	40.8	115,056	38	38	Feb. 15-June 30	San Joaquin, Monterey, Fresno, Imperial, Sacramento
Beans, Fresh Market Snap	3	13	7.0	38.5	51,436	60	55	Apr. 20-Dec. 15	San Diego, Tulare
Broccoli	1	93	128.0	960.0	625,721	12	13	Continuous	Monterey, Santa Barbara, San Luis Obispo, Fresno, Imperial
Cabbage, Fresh Market	1	22	13.6	278.8	101,483	42	39	Continuous	Monterey, Ventura, Santa Barbara, Imperial, San Luis Obispo
Carrots	1	64	70.8	1,135.1	448,189	15	15	Continuous	Kern, Imperial, Monterey, Riverside, Mono
Cauliflower	1	84	36.0	297.0	189,675	26	28	Continuous	Monterey, Santa Barbara, Imperial, San Luis Obispo, Stanislaus
Celery	1	93	25.1	878.5	265,081	25	22	Continuous	Ventura, Monterey, Santa Barbara, San Benito, San Luis Obispo
Corn, Fresh Market Sweet	2	20	28.0	294.0	173,460	37	30	May 1-Dec. 10	Fresno, Imperial, Contra Costa, San Joaquin, Riverside
Cucumbers, Fresh Market	7	7	3.4	31.4	26,292	64	62	Mar. 20-Nov. 30	San Joaquin, San Diego, Tulare, Ventura, Orange
Garlic [4]	1	90	26.0	234.0	129,522	31	36	Apr. 1-Sept. 15	Fresno, Kern, Kings, Mono, Santa Clara
Lettuce, Head	1	74	139.0	2,606.2	787,088	—	—	Continuous	Monterey, Fresno, Imperial, Santa Barbara, San Luis Obispo
Lettuce, Leaf	1	84	47.0	540.5	279,979	—	—	Continuous	Monterey, Imperial, Fresno, Santa Barbara, San Benito
Lettuce, Romaine	1	76	64.0	1,024.0	395,264	—	—	Continuous	Monterey, San Benito, Riverside, Ventura, Santa Clara
Lettuce, All	1	76	250.0	4,170.8	1,462,331	4	6	—	Monterey, Imperial, Fresno, San Benito, Santa Barbara
Melons, Cantaloupe	1	63	51.0	637.5	175,950	27	29	May 15-Nov. 30	Fresno, Imperial, Merced, Stanislaus, Riverside
Melons, Honeydew	1	77	17.9	196.9	70,096	50	49	June 1-Nov. 30	Fresno, Yolo, Sutter, Imperial, Riverside
Melons, Watermelon	2	19	13.5	344.2	72,981	48	46	May 25-Oct. 15	Fresno, Imperial, San Joaquin, Kern, Riverside
Mushrooms, Agaricus	2	14	0.5	61.7	172,943	29	31	Continuous	Monterey, Santa Clara, San Mateo, San Diego
Onions, All	1	25	44.0	1,027.2	211,037	22	26	Apr. 1-Oct. 31	Fresno, Imperial, Los Angeles, San Benito, Kern
Peppers, Bell	1	48	21.0	400.1	277,120	—	—	July 1-Dec. 10	Riverside, Kern, Fresno, Ventura, San Benito
Peppers, Chili	2	28	5.3	65.5	55,122	—	—	—	Santa Clara, San Diego
Peppers, All	—	—	26.3	465.6	332,242	24	20	—	—
Pumpkins	4	11	4.4	55.0	16,830	67	66	Sept. 1-Oct. 31	San Joaquin, Sacramento, San Mateo, Santa Clara, Stanislaus
Spinach, Fresh Market	1	74	28.0	238.0	199,920	—	—	Continuous	Monterey, Santa Barbara, San Luis Obispo
Spinach, Processing	1	67	7.8	87.4	10,308	—	—	Continuous	—
Spinach, All	—	—	35.8	325.4	210,228	28	27	Continuous	Monterey, San Benito, Imperial, Ventura, Riverside
Squash	1	20	7.5	78.8	45,973	59	56	—	Santa Barbara, Fresno, San Diego, Stanislaus, San Luis Obispo
Tomatoes, Fresh Market	2	30	37.0	536.5	420,616	—	—	May 15-Dec. 31	Fresno, Merced, San Diego, San Joaquin, Stanislaus
Tomatoes, Processing	1	95	281.0	11,672.0	669,973	—	—	June 20-Nov. 10	Fresno, Yolo, San Joaquin, Kings, Colusa
Tomatoes, All	—	—	318.0	12,208.5	1,090,589	9	8	—	—
Other Vegetables and Melons, etc.	—	—	241.4	4,473.9	1,141,361	—	—	—	—

Commodity Rank, Acreage, Production, Value and Leading Producimg Counties, 2004 *continued*

Commodity	U.S. Rank [1]	CA Share of U.S. Prod.	Area Harvested	Short Tons (2,000 Lbs.)	Total Value [2]	California Rank 2003	California Rank 2004	Harvest Season	Leading Counties [3]
		Percent	*1,000 Acres*	*1,000 Tons*	*$1,000*				
FRUITS AND NUTS									
Total Value – $9,562,944,000									
Almonds (Shelled) [4]	1	99	550.0	505.0	2,200,055	5	4	Aug. 1-Oct. 31	Kern, Stanislaus, Fresno, Merced, Madera
Apples	5	4	26.0	195.0	57,185	44	53	July 15-Oct. 30	San Joaquin, Kern, Fresno, Santa Cruz, Stanislaus
Apricots	1	92	16.0	94.0	28,575	61	61	May 1-July 15	Stanislaus, Fresno, Kings, San Joaquin, Kern
Avocados	1	93	60.5	216.0	380,160	18	18	Continuous	San Diego, Ventura, Riverside, Santa Barbara, San Luis Obispo
Berries, Boysenberries	2	38	0.2	1.0	2,400	74	74	June 1-July 15	—
Berries, Raspberries	1	49	3.2	33.2	138,985	35	34	June 1-Oct. 31	Santa Cruz, Ventura, Monterey
Berries, F.M. Strawberries	1	88	33.2	741.5	1,100,386	—	—	—	Ventura, Monterey, Santa Barbara, San Luis Obispo, San Diego
Berries, Proc. Strawberries	1	92	—	237.9	118,474	—	—	—	Ventura, Santa Barbara, Monterey, San Diego
Berries, All Strawberries	1	88	33.2	979.4	1,218,860	7	7	Feb. 20-Nov. 15	Ventura, Monterey, Santa Cruz, Santa Barbara, Orange
Cherries, Sweet	2	26	26.0	73.0	123,156	39	37	May 20-June 25	San Joaquin, Fresno, Kern, Stanislaus, Tulare
Dates [4]	1	82	5.2	16.4	41,000	58	59	Oct. 1-Dec. 15	Riverside, Imperial
Figs [4]	1	98	12.5	50.8	19,463	66	64	June 10-Sept. 15	Madera, Merced
Grapefruit, All	2	11	12.5	194.3	70,191	51	50	Continuous	Riverside, Tulare, Imperial, San Diego, Kern
Grapes, Raisin Type	—	—	244.0	2,030.0	616,427	—	—	May 15-Nov. 15	Fresno, Madera, Tulare, Kern, Kings
Grapes, Table Type	—	—	83.0	770.0	535,183	—	—	May 25-Dec. 15	Kern, Tulare, Fresno, Riverside, Madera
Grapes, Wine Type	—	—	473.0	2,815.0	1,604,925	—	—	Aug. 5-Dec. 15	Napa, Sonoma, Fresno, San Joaquin, Monterey
Grapes, All	1	90	800.0	5,615.0	2,756,535	3	2	—	Frresno, Kern, Tulare, Napa, Sonoma
Kiwifruit [4]	1	97	4.5	26.7	19,977	65	63	Oct. 1-May 31	Tulare, Yuba, Butte, Fresno, Kern
Lemons	1	86	45.0	684.0	240,640	20	25	Continuous	Ventura, Riverside, Tulare, Kern, Imperial
Nectarines [4]	1	93	36.5	269.0	86,278	36	40	June 10-Sept. 5	Fresno, Tulare, Kings, Kern, Madera
Olives [4]	1	100	32.0	104.0	59,379	55	51	Sept. 25-Mar. 15	Tulare, Tehama, Glenn, Madera, Butte
Oranges, Navel and Misc.	—	23	130.0	1,481.0	421,274	—	—	Nov. 25-May 15	Tulare, Fresno, Kern, Riverside, Madera
Oranges, Valencia	—	11	52.0	413.0	142,444	—	—	May 15-Oct. 15	Tulare, Kern, Fresno, Ventura, Riverside
Oranges, All	2	17	182.0	1,894.0	563,618	14	14	—	Tulare, Kern, Fresno, Riverside, Ventura
Peaches, Clingstone	1	100	32.0	539.0	141,494	—	—	July 15-Sept. 15	Sutter, Stanislaus, Yuba, Merced, Butte
Peaches, Freestone	1	57	37.0	436.0	109,760	—	—	May 10-Sept. 15	Fresno, Tulare, Kings, Merced, San Joaquin
Peaches, All	1	75	69.0	975.0	251,254	23	24	—	Fresno, Tulare, Stanislaus, Sutter, Yuba
Pears, All	2	30	17.0	271.0	80,432	52	41	Aug. 5-Oct. 5	Sacramento, Fresno, Lake, Mendocino, Tulare
Pecans	7	2	2.6	1.8	7,735	71	70	Sept. 1-Nov. 30	Tulare
Pistachios [4]	1	96	93.0	173.5	444,160	32	16	Sept. 15-Dec. 10	Kern, Madera, Tulare, Fresno, Kings
Plums	1	86	36.0	156.0	74,347	41	45	May 25-Aug. 20	Tulare, Fresno, Kings, Kern, Madera
Plums, Dried [4]	1	99	70.0	49.0	72,000	34	48	Aug. 15-Oct. 10	Sutter, Tulare, Butte, Glenn, Tehama
Tangerines, Mandarins, Tangelos, and Tangors	2	23	10.5	82.5	36,697	57	57	Nov. 1-Apr. 30	Tulare, Riverside, San Diego, Imperial, Ventura
Walnuts [4]	1	99	217.0	325.0	438,750	17	17	Sept. 5-Nov. 10	San Joaquin, Tulare, Stanislaus, Butte, Sutter
Other Fruits and Nuts	—	—	34.0	203.0	151,112	—	—	—	—

Commodity Rank, Acreage, Production, Value and Leading Producing Counties, 2004 *continued*

Commodity	U.S. Rank [1]	CA Share of U.S. Prod.	Area Harvested	Short Tons (2,000 Lbs.)	Total Value [2]	California Rank 2003	California Rank 2004	Harvest Season	Leading Counties [3]
		Percent	*1,000 Acres*	*1,000 Tons*	*$1,000*				
FIELD AND SEED CROPS									
Total Value – $3,575,445,000									
Barley	10	1	75.0	97.2	11,138	68	68	May 15-Oct. 1	Siskiyou, Fresno, Glenn, Merced, Modoc
Beans, Dry	5	7	57.0	58.2	43,961	54	58	Aug. 20-Nov. 15	Stanislaus, San Joaquin, Ventura, Tulare, Fresno
Cotton Lint, All	2	11	771.0	593.5	807,187	11	11	Oct. 1-Jan. 1	Fresno, Kern, Kings, Tulare, Merced
Cottonseed	2	10	—	902.0	135,300	40	35	—	Fresno, Kings, Kern, Merced, Tulare
Grain, Corn	28	—	150.0	735.0	76,125	49	43	Sept. 1-Dec. 1	San Joaquin, Sacramento, Glenn, Contra Costa, Solano
Grain, Sorghum	15	—	12.0	30.2	2,480	73	73		San Joaquin, Sacramento, Contra Costa, Merced, Sutter
Hay, Alfalfa and Other	3	6	1,550.0	9,000.0	1,010,175	10	9	Mar. 1-Nov. 5	Kern, Imperial, Tulare, Fresno, Merced
Oats	15	2	25.0	34.0	4,038	70	71	June 15-Oct. 1	Siskiyou, Placer, Sonoma, Sacramento, Modoc
Potatoes (Excl. Sweet)	9	4	45.1	883.1	249,696	21	23	Continuous	Kern, San Joaquin, Modoc, Siskiyou, Imperial
Potatoes, Sweet	2	21	11.5	161.9	80,500	43	42	July 15-Nov. 15	Merced, Stanislaus
Rice [5,6]	2	22	590.0	2,538.0	352,775	16	19	Sept. 1-Nov. 30	Colusa, Sutter, Butte, Glenn, Yolo
Sugar Beets [5,6]	5	6	49.0	1,926.0	76,077	45	44	Apr. 1-Dec. 10	Imperial, Fresno, Kern, Merced, Kings
Wheat, All	17	2	420.0	1,086.0	140,240	33	33	May 20-Sept. 1	Kern, Imperial, Fresno, Kings, Tulare
Oil Crops[7]	—	—	67.7	59.5	14,229	62	67	—	—
Other Field Crops	—	—	437.7	10,142.4	571,524	—	—	—	—
NURSERY, GREENHOUSE AND FLORICULTURE CROPS									
Total Value – $3,659,297,000									
Nursery Products [4,6,8]	1	22	—	—	2,649,326	2	3	Continuous	San Diego, Ventura, Monterey, Orange, Riverside
Flowers and Foliage [9]	1	—	—	—	1,001,882	8	10	Continuous	San Diego, Santa Barbara, Ventura, Monterey, San Luis Obispo
Christmas Trees	—	—	—	—	8,089	69	69	Nov. 1-Dec. 24	El Dorado, San Diego, Santa Clara, Orange, Sonoma

[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 2002 Census of Agriculture.*

[5] *The 2004 price and value are based on the 2003 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, 2004

Commodity	U.S. Rank [1]	CA Share of U.S. Prod.	Marketings	Cash Receipts [2]	California Rank 2003	California Rank 2004	Leading Counties [3]
		Percent	*1,000 Pounds*	*$1,000*			
LIVESTOCK, DAIRY, POULTRY, AND APIARY							
Total Value – $8,623,140,000							
Aquaculture	—	—	—	51,612	53	54	Riverside, Imperial, Tehama, Merced
Cattle and Calves	6	4	2,431,400	1,633,740	6	5	Tulare, Fresno, Imperial, Stanislaus, Merced
Chickens, All	—	—	—	714,581	13	12	Merced, Stanislaus, San Bernardino, San Joaquin, San Diego
Hogs and Pigs [4]	24	—	79,990	39,855	63	60	Tulare, Fresno, Stanislaus, Sacramento, San Bernardino
Honey	4	10	17,550	17,726	56	65	Tulare, Kern, Merced, San Diego, Fresno
Milk and Cream	1	21	36,465,000	5,365,992	1	1	Tulare, Merced, Stanislaus, Kings, San Bernardino
Sheep and Lambs	2	12	67,326	57,612	47	52	Fresno, Kern, Riverside, Imperial, Merced
Turkeys	7	6	414,480	169,937	30	32	Merced, Fresno, Stanislaus, Kings, Tulare
Wool and Mohair	3	9	3,400	2,822	72	72	Kern, Fresno, Imperial, Solano, Merced
			Millions of Eggs				
Eggs, Chicken	5	6	5,380	288,412	19	21	Merced, Riverside, San Diego, San Bernardino, San Joaquin
Other Livestock and Poultry	—	—	—	280,851	—	—	—

[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, 1950–2004

Year [1]	Number of Farms	Land in Farms	Average Size of Farm
		1,000 Acres	*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	87,000	28,500	328
1999	85,000	28,100	331
2000	83,100	28,000	337
2001	81,000	27,800	343
2002	79,700	27,600	346
2003	78,500	27,100	345
2004	77,000	26,700	303

[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."

Unit Conversion Factors (as used in this publication)

Ton or Short Ton	2,000 pounds	
Metric Ton	2,204.622 pounds	
Hundredweight (Cwt.)	100 pounds	
Kilogram	2.2046 pounds	
Pound (Lb.)	16 ounces	
Acre	0.4047 hectares or 43,560 square feet	
Hectare	2.47 acres	
Square Mile	640 acres or 259 hectares	
Gallon	3.7853 liters	
Bushel	Barley	= 48 pounds
	Corn	= 56 pounds
	Oats	= 32 pounds
	Wheat	= 60 pounds
Carton (Half-a-Box)	Grapefruit	= 33.5 pounds
	Lemons	= 38.0 pounds
	Oranges	= 37.5 pounds
	Tangerines	= 37.5 pounds
Bale	Cotton	= 480 pounds

County Rank, Total Value of Production and Leading Commodities, 2004 [1]

Rank 2003	Rank 2004	County	Total Value $1,000	Leading Commodities
1	1	Fresno	4,688,550	Grapes, Cotton, Tomatoes, Almonds, Milk
2	2	Tulare	4,037,351	Milk, All Oranges, Cattle and Calves, Grapes, Alfalfa Hay and Silage
3	3	Monterey	3,397,907	Leaf and Head Lettuce, Strawberries, Broccoli, Nursery, Spinach
4	4	Kern	3,142,481	All Grapes, Almonds and By-Products, All Milk, All Citrus, Cotton and Cottonseed
5	5	Merced	2,365,494	All Milk, Almond Meats, Chickens, Cattle and Calves, All Tomatoes
7	6	Stanislaus	1,978,434	All Milk, Almonds, Cattle and Calves, All Chickens, Deciduous Fruits and Nuts
6	7	San Joaquin	1,613,037	All Milk, All Grapes, Almond Meats, All Tomatoes, All Cherries
8	8	San Diego	1,461,873	Foliage and Bedding Plants, Woody Ornamentals, Avocados, Fresh Tomatoes, Cut Flowers
10	9	Ventura	1,387,004	Strawberries, Nursery Stock, Lemons, Avocados, Celery
9	10	Kings	1,196,890	All Milk, All Cotton, Cattle and Calves, Alfalfa Hay, Processing Tomatoes
11	11	Imperial	1,187,254	Cattle, Alfalfa, Lettuce, Leaf Lettuce, Carrots
12	12	Riverside	1,131,605	Nursery, Milk, Table Grapes, Eggs, Avocados
14	13	Madera	1,069,951	Almond Nuts and Hulls, Grapes, Milk, Pistachios, Replacement Heifers
13	14	Santa Barbara	902,892	Strawberries, Broccoli, Wine Grapes, Head and Leaf Lettuce, Cauliflower
15	15	San Bernardino	687,829	Milk, Eggs, Replacement Heifers, Cattle and Calves (Meat), Trees and Shrubs
16	16	San Luis Obispo	539,436	Wine Grapes, Cattle and Calves, Broccoli, Vegetable Bedding Plants, Head Lettuce
17	17	Sonoma	528,232	Wine Grapes, Market Milk, Livestock and Poultry, Cattle and Calves, Livestock and Poultry Products
19	18	Santa Cruz	442,261	Strawberries, Raspberries, Landscape Plants, Cut Flowers, Vegetable Crops
18	19	Napa	357,215	Wine Grapes, Nursery Products, Cattle and Calves, Livestock Products, Range Pasture
20	20	Colusa	351,604	Rice, Almond Meats, Processing Tomatoes, Cattle and Calves, Rice Seed
23	21	Glenn	348,007	Rice, Almonds, Dairy, Cattle and Calves, Walnuts
21	22	Butte	342,542	Almonds, Rice, Walnuts, Nursery Stock, Cattle and Calves
26	23	Yolo	338,128	Processing Tomatoes, Milling Rice, Alfalfa Hay, Wine Grapes, All Almonds
27	24	Sacramento	325,527	Wine Grapes, Market Milk, Nursery Stock. Bartlett Pears, Poultry
22	25	Los Angeles	300,087	Ornamental Trees, Root Vegetables, Bedding Plants, Dry Onions, Dairy and Livestock
25	26	Sutter	299,556	Rice, Walnuts, Peaches, Almonds, Tomatoes
24	27	Orange	293,563	Woody Ornamentals, Strawberries, Potted Plants, Flower Propagative Materials, Avocados
29	28	San Benito	266,007	Baby, Leaf and Romaine Lettuce, Nursery Stock, Vegetable and Row Crops, Bell Peppers, Wine Grapes
28	29	Santa Clara	258,289	Nursery Crops, Mushrooms, All Peppers, Cut Flowers, Steers and Heifers
30	30	Solano	205,749	Nursery Stock, Cattle and Calves, Alfalfa, Processing Tomatoes, Market Milk
31	31	San Mateo	179,733	Ornamental and Potted Nursery Plants, Mushrooms, Potted and Cut Flowers, Brussels Sprouts
33	32	Tehama	138,358	English Walnuts, All Almonds, Olives, All Milk, Stocker and Feeder Cattle
36	33	Siskiyou	130,385	Alfalfa Hay, Strawberry Plants, Fed Heifers and Steers, Calves, Irrigated Pasture
32	34	Yuba	125,366	Rice, Clingstone Peaches, Walnuts, Cattle and Calves, Milk
34	35	Humboldt	119,988	Nursery Products, All Milk, Cattle and Calves, Biomass, Irrigated and Range Pasture
35	36	Mendocino	107,410	Wine Grapes, Bartlett Pears, Cattle and Calves, Field Crops, Market Milk
37	37	Contra Costa	94,753	Bedding Plants, Cattle and Calves, Sweet Corn, Grapes, Range Pasture
38	38	Modoc	71,021	Alfalfa Hay, Cattle and Calves, Irish Potatoes, Vegetable Crops, All Wheat
40	39	Lake	61,454	Wine Grapes, All Pears, Nursery Products, Cattle and Calves, English Walnuts
39	40	Placer	60,434	Milling Rice, Nursery Products, Cattle and Calves, Livestock, Irrigated and Range Pasture
41	41	Shasta	59,623	Stocker and Feeder Cattle, Alfalfa and Other Hay, Strawberry Plants, Irrigated and Range Pasture, Livestock
42	42	Marin	54,898	Market Milk, Cattle and Calves, Range Pasture, Livestock Products, Poultry
43	43	Lassen	44,706	All Hay, Livestock, Strawberry Plants, Pasture, Field Crop Nursery
45	44	Del Norte	40,608	Cows, Market Milk, Lily Bulbs, Woody Ornamentals, Nursery Products
44	45	Alameda	40,194	Woody Ornamentals, Wine Grapes, Cattle and Calves, Range Pasture, Nursery Products
48	46	Amador	31,059	Wine Grapes, Calves, Irrigated and Range Pasture, Livestock, Alfalfa and Grain Hay
46	47	Mono	27,339	Carrots, Alfalfa and Other Hay, Cattle and Calves, Irrigated Pasture, Sheep and Lambs
47	48	El Dorado	25,874	Cattle and Calves, Wine Grapes, All Apples, Christmas Trees and Cut Greens, Range Pasture
50	49	Mariposa	24,447	Cattle and Calves, Range Pasture, Livestock Products, Poultry, Fruit and Nuts Crops
49	50	Tuolumne	23,586	Livestock, Cattle and Calves, Irrigated and Range Pasture, Firewood, Bees
51	51	Plumas	20,751	Stocker and Feeder Cattle, All Hay, All Pasture, Beef Cows, Fruit and Nut Crops
52	52	Calaveras	20,011	Cattle and Calves, Poultry, Wine Grapes, Livestock and Poultry Products, Walnuts
53	53	Inyo	13,210	Cattle and Calves, Turf, Alfalfa and Other Hay, Irrigated and Range Pasture, Honey
54	54	Nevada	8,663	Fed Heifers and Steers, Wine Grapes, Irrigated and Range Pasture, Milk Cows, Fruit and Nut Crops
55	55	Sierra	6,268	Stocker and Feeder Cattle, All Pasture, All Hay, Beef Cows, Fruit and Nut Crops
58	56	Alpine	4,237	Cattle and Calves, Irrigated and Range Pasture, Other Hay
56	57	Trinity	2,320	Cattle and Calves, Irrigated and Range Pasture, Wine Grapes, Fruit and Nut Crops, Grain and Other Hay
57	58	San Francisco	1,925	Vegetable Crops, Cut Flowers

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

[2]County agricultural commissioners' reports for Humboldt, Inyo, Mono and Trinity counties were not available at publication resulting in the use of 2003 data.

Seasonal Rainfall with Comparisons to Normal, 2004–2005

Stations	2003–2004		2004–2005		Normal Annual Rainfall
	Precipitation July 1 to June 24	Percent of Normal	Precipitation July 1 to June 29	Percent of Normal	
	Inches		*Inches*		*Inches*
North Coast					
Eureka	38.05	101	46.94	125	37.53
Ukiah	32.20	85	29.76	105	37.96
Santa Rosa	29.34	97	37.95	125	30.30
Central Coast					
San Francisco Airport	17.01	86	27.24	138	19.70
San Jose	13.89	96	24.95	173	14.42
Livermore Tele	—	—	—	—	14.21
Salinas Airport	10.05	81	19.66	158	12.44
Monterey FAA	9.44	50	15.49	83	18.72
King City	9.45	83	18.91	165	11.44
Paso Robles Airport	6.75	48	22.50	161	13.95
Sacramento Valley					
Redding	35.99	108	38.76	116	33.30
Red Bluff FSS	24.62	110	27.44	123	22.29
Chico AFS	18.80	71	30.57	116	26.32
Marysville	18.88	90	23.12	110	21.04
Sacramento Airport	14.22	81	22.01	126	17.52
San Joaquin Valley					
Stockton WSO	11.16	80	18.49	133	13.95
Fresno	7.58	72	15.95	150	10.60
Bakersfield	4.63	81	9.20	161	5.72
South Coast					
Santa Maria Airport	8.78	71	19.55	158	12.36
Santa Barbara	10.18	63	31.46	194	16.25
Oxnard	0.01	—	—	—	14.38
Los Angeles	9.24	63	37.25	252	14.77
Riverside	6.10	64	21.16	221	9.58
San Diego Airport	5.18	52	22.51	227	9.90
Southeastern Interior					
Bishop	2.80	52	10.26	191	5.37
Lancaster	3.40	49	17.50	253	6.92
Daggett Airport	4.10	104	8.63	220	3.93
Thermal Airport	2.11	67	7.96	252	3.16
Blythe	1.92	53	6.63	184	3.60
Imperial	3.55	129	5.13	187	2.75
Cascade-Sierra					
Alturas	13.25	110	15.07	125	12.01
Mt. Shasta	44.88	121	48.68	121	37.02
Blue Canyon	44.06	66	65.24	97	67.04
Yosemite Valley	27.55	74	23.92	65	37.05

Source: Western Regional Climate Center, Reno, Nevada.

California's Fruit and Vegetable Crop Seasons

County Statistical Data

California's counties reported an increase of 13.7 percent in the value of their agricultural production for 2004. Thirteen counties reported a value of production in excess of $1.06 billion. Fresno County increased its agricultural production value by nearly 16 percent, surpassing the $4.68 billion mark and continued as the leading county. Tulare County was second in value of production with $4.03 billion, 22.5 percent above last year. Monterey's agricultural production also increased 3.3 percent to $3.39 billion.

Notes to the Agricultural Commissioners' Data

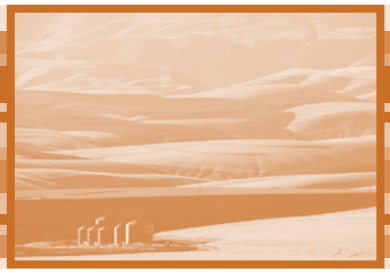
Gross value of production published in this report includes all farm production, whether sold into usual marketing channels or used on the farm where it is produced. Values placed on pasture and range feed are included and fresh fruit and vegetable crop values are based on the free-on-board (f.o.b.) 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.

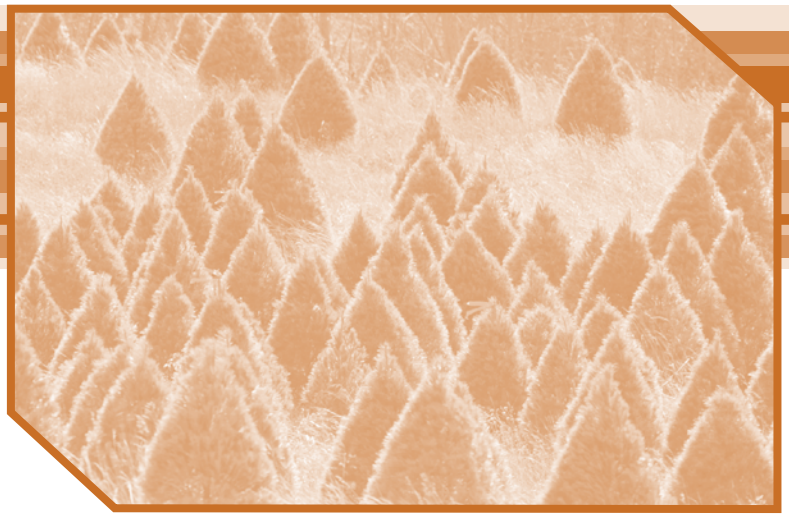
Because of these concepts, the state total for gross dollar values summarized in this report differs from the cash receipts to farmers estimated by USDA's National Agricultural Statistics Service, California Field Office. The larger total value reported by the agricultural commissioners results from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

Some counties are now including timber as a part of their crop report, following the pattern set by the County Agricultural Commissioners' Association. Since it is not comparable to earlier county summaries, timber

Notable Changes in County Ranks and Percentages of the State Total

Rank	Commodity	Changes in County Rankings
1	Milk and Cream	Tulare leads with nearly 26 percent of the State total
2	Grapes, All	Fresno leads, followed closely by Kern and Tulare
3	Nursery Products	San Diego continues to lead with more than 19 percent of the total
4	Cattle and Calves	Tulare is number one, followed by Fresno and Imperial
5	Almonds	Kern leads with more than 17 percent, followed closely by Stanislaus
6	Lettuce	Monterey still leads with more than 60 percent
7	Strawberries	Ventura and Monterey lead with more than half of the total
8	Oranges	Tulare leads with more than half of the total
9	Hay, Alfalfa	Kern leads the way, followed by Tulare and Imperial
10	Cotton	Fresno still leads with 39 percent, followed by Kern
11	Flowers and Foliage	San Diego has more than 47 percent of the total
12	Tomatoes, Processing	Fresno leads with nearly 40 percent, followed by Yolo and San Joaquin
13	Broccoli	Monterey leads with almost half of the total
14	Pistachios	Kern is number one, followed by Madera and Tulare
15	Rice (Excluding Seed)	Colusa is number one with more than 23 percent





has not been made a part of the main tables of this summary. Total value reported by the counties, including timber, is 1.4 percent more than the $36.9 billion. Totals, with and without timber, are shown in the "County Rank by Gross Value of Agricultural Production, 2003-2004" table on page 34.

California Timber Industry

California has more forest land than any state except Alaska. Nearly two billion board feet (equivalent to 132,000 homes) of commercial lumber are produced from California's private and public timberlands each year, making the Golden State the third largest producer of wood products in the nation. California's abundant forests could provide nearly 100 percent of the state's demand for wood.

County Agricultural Commissioners' Reports

Copies of individual county agricultural commissioners' reports may be requested or obtained directly from each county agricultural commissioner's office.

USDA's National Agricultural Statistics Service, California Field Office publications are available free-of-charge on the Internet at www.nass.usda.gov/ca.

California's Leading Timber Counties, 2004

Timber Rank	County	Timber Volume *Million Bd. Ft.*	Total Agricultural Value *(Including Timber)*	Timber Value	Timber Percentage of Total Agricultural Value
1	Humboldt	396,500	289,110	169,122	58.5
2	Siskiyou	239,349	181,950	51,565	28.3
3	Mendocino	109,548	148,405	40,995	27.6
4	Plumas	123,678	52,024	31,273	60.1
5	Shasta	135,723	89,451	29,828	33.3

County Rank by Gross Value of Agricultural Production, 2003–2004 [1]

County	Rank Without Timber 2003 $1,000		Rank Without Timber 2004 $1,000		Percent Change	Timber Value $1,000	Rank With Timber 2003 $1,000		Rank With Timber 2004 $1,000		Percent Change
Fresno	4,052,767	(1)	4,688,550	(1)	15.7	1,418	4,055,441	(1)	4,689,968	(1)	15.6
Tulare	3,294,660	(2)	4,037,351	(2)	22.5	2,169	3,296,522	(2)	4,039,520	(2)	22.5
Monterey	3,288,468	(3)	3,397,907	(3)	3.3	4	3,288,472	(3)	3,397,911	(3)	3.3
Kern	2,502,659	(4)	3,142,481	(4)	26.8	—	2,502,659	(4)	3,142,481	(4)	26.8
Merced	1,918,230	(5)	2,365,494	(5)	23.3	7	1,918,237	(5)	2,365,501	(5)	23.3
Stanislaus	1,454,928	(7)	1,978,434	(6)	36.0	—	1,454,928	(7)	1,978,434	(6)	36.0
San Joaquin	1,494,693	(6)	1,613,037	(7)	7.9	8	1,494,700	(6)	1,613,045	(7)	7.9
San Diego	1,351,059	(8)	1,461,873	(8)	8.2	11	1,351,226	(8)	1,461,884	(8)	8.2
Ventura	1,117,567	(10)	1,387,004	(9)	24.1	71	1,117,628	(10)	1,387,075	(9)	24.1
Kings	1,136,966	(9)	1,196,890	(10)	5.3	—	1,136,966	(9)	1,196,890	(10)	5.3
Imperial	1,073,472	(11)	1,187,254	(11)	10.6	—	1,073,472	(11)	1,187,254	(11)	10.6
Riverside	1,067,367	(12)	1,131,605	(12)	6.0	—	1,067,443	(12)	1,131,605	(12)	6.0
Madera	760,246	(14)	1,069,951	(13)	40.7	485	760,784	(14)	1,070,436	(13)	40.7
Santa Barbara	858,017	(13)	902,892	(14)	5.2	—	858,018	(13)	902,892	(14)	5.2
San Bernardino	645,885	(15)	687,829	(15)	6.5	9	646,136	(15)	687,838	(15)	6.5
San Luis Obispo	529,046	(16)	539,436	(16)	2.0	12	529,054	(16)	539,448	(16)	2.0
Sonoma	514,697	(17)	528,232	(17)	2.6	5,749	521,988	(17)	533,981	(17)	2.3
Santa Cruz	366,944	(19)	442,261	(18)	20.5	5,811	371,207	(19)	448,072	(18)	20.7
Napa	392,929	(18)	357,215	(19)	-9.1	27	393,037	(18)	357,242	(20)	-9.1
Colusa	361,573	(20)	351,604	(20)	-2.8	—	361,750	(20)	351,604	(21)	-2.8
Glenn	318,032	(23)	348,007	(21)	9.4	131	318,042	(23)	348,138	(22)	9.5
Butte	332,146	(21)	342,542	(22)	3.1	15,032	345,410	(21)	357,574	(19)	3.5
Yolo	304,401	(26)	338,128	(23)	11.1	—	304,401	(26)	338,128	(23)	11.1
Sacramento	274,500	(27)	325,527	(24)	18.6	52	274,529	(27)	325,579	(24)	18.6
Los Angeles	322,590	(22)	300,087	(25)	-7.0	12	322,599	(22)	300,099	(25)	-7.0
Sutter	307,322	(25)	299,556	(26)	-2.5	—	307,322	(25)	299,556	(26)	-2.5
Orange	311,615	(24)	293,563	(27)	-5.8	29	311,635	(24)	293,592	(27)	-5.8
San Benito	238,767	(29)	266,007	(28)	11.4	—	238,767	(30)	266,007	(29)	11.4
Santa Clara	241,043	(28)	258,289	(29)	7.2	71	241,113	(29)	258,360	(30)	7.2
Solano	214,123	(30)	205,749	(30)	-3.9	18	214,136	(31)	205,767	(31)	-3.9
San Mateo	178,039	(31)	179,733	(31)	1.0	1,803	180,621	(32)	181,536	(32)	1.0
Tehama	125,139	(33)	138,358	(32)	10.6	7,783	142,276	(36)	146,141	(35)	2.7
Siskiyou	114,804	(36)	130,385	(33)	13.6	51,565	160,285	(33)	181,950	(33)	13.5
Yuba	146,493	(32)	125,366	(34)	-14.4	10,037	154,590	(35)	135,403	(36)	-12.4
Humboldt	119,988	(34)	119,988	(35)	—	169,122	262,818	(28)	289,110	(28)	10.0
Mendocino	118,617	(35)	107,410	(36)	-9.4	40,995	158,971	(34)	148,405	(34)	-6.6
Contra Costa	108,568	(37)	94,753	(37)	-12.7	38	108,568	(37)	94,791	(37)	-12.7
Modoc	68,359	(38)	71,021	(38)	3.9	6,107	72,343	(40)	77,128	(39)	6.6
Lake	57,921	(40)	61,454	(39)	6.1	63	58,053	(41)	61,517	(41)	6.0
Placer	66,419	(39)	60,434	(40)	-9.0	10,213	73,183	(39)	70,647	(40)	-3.5
Shasta	54,218	(41)	59,623	(41)	10.0	29,828	81,949	(38)	89,451	(38)	9.2
Marin	48,675	(42)	54,898	(42)	12.8	—	48,675	(43)	54,898	(43)	12.8
Lassen	43,657	(43)	44,706	(43)	2.4	15,816	54,706	(42)	60,522	(42)	10.6
Del Norte	34,777	(45)	40,608	(44)	16.8	13,118	43,890	(44)	53,726	(44)	22.4
Alameda	37,342	(44)	40,194	(45)	7.6	10	37,350	(47)	40,204	(47)	7.6
Amador	22,686	(48)	31,059	(46)	36.9	1,782	28,391	(49)	32,841	(49)	15.7
Mono	27,339	(46)	27,339	(47)	—	44	27,413	(51)	27,383	(51)	-0.1
El Dorado	22,698	(47)	25,874	(48)	14.0	23,333	40,140	(46)	49,207	(46)	22.6
Mariposa	20,599	(50)	24,447	(49)	18.7	712	21,226	(53)	25,159	(53)	18.5
Tuolumne	21,705	(49)	23,586	(50)	8.7	5,038	29,119	(48)	28,624	(50)	-1.7
Plumas	17,748	(51)	20,751	(51)	16.9	31,273	40,548	(45)	52,024	(45)	28.3
Calaveras	15,623	(52)	20,011	(52)	28.1	12,966	28,273	(50)	32,977	(48)	16.6
Inyo	13,210	(53)	13,210	(53)	—	—	13,210	(55)	13,210	(55)	—
Nevada	8,041	(54)	8,663	(54)	7.7	8,775	17,028	(54)	17,438	(54)	2.4
Sierra	5,678	(55)	6,268	(55)	10.4	5,309	10,943	(56)	11,577	(56)	5.8
Alpine	—	(58)	4,237	(56)	—	—	8	(58)	4,237	(57)	—
Trinity	2,320	(56)	2,320	(57)	—	23,269	22,907	(52)	25,589	(52)	11.7
San Francisco	1,891	(57)	1,925	(58)	1.8	—	1,891	(57)	1,925	(58)	1.8
STATE	**32,549,266**		**36,983,376**		**13.7**	**500,125**	**32,996,997**		**37,485,304**		**13.7**

[1]Totals vary slightly from totals published by counties due to classification differences between county and state reports. Numbers in parentheses are county rankings.

[2]County agricultural commissioners' reports for Humboldt, Inyo, Mono and Trinity counties were not available at publication resulting in the use of 2003 data.

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

Leading Commodities for Gross Value of Agricultural Production by County, 2004 [1]

$1,000

ALAMEDA

1	Woody Ornamentals	14,839
2	Grapes, Wine	9,052
3	Cattle and Calves	7,682
4	Pasture, Range	3,094
5	Nursery Products	2,652
6	Hay, Other	847
7	Hay, Alfalfa	836
8	Vegetable Crops	682
9	Field Crops	310
10	Livestock	168

ALPINE

1	Cattle and Calves	2,558
2	Pasture, Range	1,560
3	Pasture, Irrigated	118
4	Hay, Other	2
5	—	—
6	—	—
7	—	—
8	—	—
9	—	—
10	—	—

AMADOR

1	Grapes, Wine	13,375
2	Calves	11,733
3	Pasture, Range	3,136
4	Livestock	435
5	Hay, Grain	413
6	Sheep and Lambs	349
7	Hay, Alfalfa	321
8	Nursery, Fl. Propg. Materials	275
9	Pasture, Irrigated	209
10	Vegetable Crops	192

BUTTE

1	Almonds	108,754
2	Rice	100,769
3	Walnuts	53,776
4	Nursery Stock	10,786
5	Cattle and Calves	10,111
6	Plums, Dried	9,805
7	Peaches, Clingstone	8,564
8	Rice Seed	5,783
9	Fruit and Nut Crops	4,918
10	Field Crops	4,520

CALAVERAS

1	Cattle and Calves	8,627
2	Poultry	1,657
3	Grapes, Wine	1,260
4	Livestock and Poultry Products	1,221
5	Walnuts	572
6	Nursery Products	445
7	Apiary Products	250
8	Vegetable Crops	200
9	Christmas Trees	175
10	Sheep and Lambs	110

COLUSA

1	Rice	122,956
2	Almond Meats	77,555
3	Tomatoes, Processing	44,251
4	Cattle and Calves	12,870
5	Rice Seed	9,843
6	Cucumber Seed	7,182
7	Squash Seed	6,979
8	Walnuts, English	6,779
9	Onion Seed	6,400
10	Wheat	6,171

CONTRA COSTA

1	Plants, Bedding	21,500
2	Cattle and Calves	13,800
3	Corn, Sweet	12,900
4	Grapes	7,000
5	Pasture, Range	5,700
6	Corn, Field	5,100
7	Vegetable Crops	3,900
8	Tomatoes, All	3,200
9	Herbaceous Perennials	2,400
10	Hay, Alfalfa	2,100

DEL NORTE

1	Cows	9,748
2	Milk, Market	7,495
3	Lily Bulbs	6,280
4	Woody Ornamentals	4,842
5	Nursery Products	3,587
6	Milk, Manufacturing	3,061
7	Calves	2,609
8	Livestock Products	982
9	Pasture, Irrigated	630
10	Firewood	560

EL DORADO

1	Cattle and Calves	5,378
2	Grapes, Wine	4,608
3	Apples, All	4,089
4	Christmas Trees and Cut Greens	3,068
5	Pasture, Range	2,940
6	Nursery Products	2,065
7	Peaches	1,010
8	Livestock	997
9	Fruit and Nut Crops	341
10	Plums	325

FRESNO

1	Grapes	592,099
2	Cotton	418,726
3	Tomatoes	408,030
4	Almonds	388,725
5	Milk	317,618
6	Cattle and Calves	311,164
7	Poultry	270,169
8	Onions	219,244
9	Oranges	190,512
10	Peaches	177,703

GLENN

1	Rice	83,092
2	Almonds	77,847
3	Dairy	56,517
4	Cattle and Calves	20,580
5	Walnuts	18,341
6	Hay, Alfalfa	11,356
7	Olives	10,979
8	Plums, Dried	9,412
9	Grapes	7,284
10	Corn	7,275

HUMBOLDT

1	Nursery Products	35,859
2	Milk, Market	33,323
3	Cattle and Calves	20,823
4	Milk, Manufacturing	9,737
5	Biomass	5,194
6	Pasture, Range	4,700
7	Livestock	3,539
8	Pasture, Irrigated	3,045
9	Vegetable Crops	868
10	Silage	806

IMPERIAL

1	Cattle	259,116
2	Alfalfa	99,120
3	Lettuce	87,159
4	Lettuce, Leaf	79,560
5	Carrots	58,322
6	Broccoli	50,000
7	Livestock	48,169
8	Sugar Beets	44,925
9	Vegetables Crops	40,577
10	Cantaloupe	37,193

INYO

1	Steers	2,671
2	Turf	2,340
3	Heifers	1,924
4	Hay, Alfalfa	1,325
5	Cows	893
6	Stockers and Feeders	578
7	Pasture, Range	456
8	Pasture, Irrigated	405
9	Hay, Other	286
10	Honey	216

KERN

1	Grapes, All	521,870
2	Almonds and By-Products	442,703
3	Milk, All	382,617
4	Citrus, All	248,260
5	Cotton and Cottonseed	232,833
6	Carrots, All	222,455
7	Pistachios	215,955
8	Hay, Alfalfa	165,273
9	Potatoes, All	94,231
10	Cattle and Calves	90,924

Leading Commodities for Gross Value of Agricultural Production by County, 2004 [1] *continued*

$1,000

KINGS

1	Milk, All	452,885
2	Cotton, All	253,553
3	Cattle and Calves	127,657
4	Hay, Alfalfa	50,624
5	Tomatoes, Processing	44,672
6	Corn Silage	32,063
7	Pistachios	30,619
8	Peaches, All	21,990
9	Almonds	21,698
10	Wheat Grain	21,569

LAKE

1	Grapes, Wine	31,751
2	Pears, Bartlett	16,729
3	Nursery Products	4,124
4	Cattle and Calves	2,810
5	Walnuts, English	2,591
6	Field Crops	1,041
7	Pears, Asian	755
8	Pasture, Range	450
9	Pears	346
10	Fruit and Nut Crops	244

LASSEN

1	Hay, All	19,186
2	Livestock	13,962
3	Plants, Strawberry	6,346
4	Pasture	1,869
5	Nursery, Field Crops	1,000
6	Mint	949
7	Garlic Seed	468
8	Aftermath	306
9	Wheat	241
10	—	—

LOS ANGELES

1	Trees, Ornamental	119,666
2	Vegetables, Root	43,035
3	Plants, Bedding	38,586
4	Onions, Dry	22,738
5	Dairy and Livestock	7,651
6	Hay, Alfalfa	6,361
7	Plants, Indoor Flowering	5,392
8	Ground Covers	4,080
9	Plants, Indoor Foliage	3,332
10	Strawberries	2,307

MADERA

1	Almond Nuts and Hulls	236,093
2	Grapes	205,772
3	Milk	195,446
4	Pistachios	121,458
5	Heifers, Replacement	45,687
6	Alfalfa	37,517
7	Cattle and Calves	31,240
8	Nursery Stock	30,861
9	Cotton Lint and Seed	25,836
10	Poultry	14,099

MARIN

1	Milk, Market	33,202
2	Cattle and Calves	8,005
3	Pasture, Range	4,466
4	Livestock Products	2,854
5	Poultry	2,237
6	Vegetable Crops	1,181
7	Sheep and Lambs	884
8	Nursery Products	663
9	Silage	576
10	Grapes, Wine	266

MARIPOSA

1	Cattle and Calves	13,868
2	Pasture, Range	6,975
3	Livestock Products	1,234
4	Poultry	1,001
5	Fruit and Nut Crops	348
6	Sheep and Lambs	185
7	Field Crops	177
8	Nursery Products	150
9	Livestock	129
10	Grapes, Wine	100

MENDOCINO

1	Grapes, Wine	60,142
2	Pears, Bartlett	13,161
3	Cattle and Calves	6,169
4	Field Crops	4,600
5	Milk, Market	3,858
6	Nursery Products	3,642
7	Pasture, Forage	2,755
8	Pears	2,736
9	Livestock Products	2,286
10	Fruit and Nut Crops	1,750

MERCED

1	Milk, All	742,785
2	Almond Meats	315,935
3	Chickens	300,558
4	Cattle and Calves	209,041
5	Tomatoes, All	105,098
6	Cotton Lint	85,478
7	Potatoes, Sweet	79,182
8	Hay, Alfalfa	71,500
9	Eggs, Chicken	68,508
10	Turkeys	50,043

MODOC

1	Hay, Alfalfa	17,258
2	Cattle and Calves	17,100
3	Potatoes, Irish	11,792
4	Vegetable Crops	4,782
5	Wheat, All	3,785
6	Pasture, Irrigated	3,500
7	Onions	3,032
8	Pasture, Range	2,352
9	Hay, Wild	1,950
10	Hay, Grain	1,921

MONO

1	Carrots	7,771
2	Hay, Alfalfa	4,441
3	Stockers and Feeders	3,825
4	Steers	3,214
5	Heifers	2,309
6	Pasture, Irrigated	1,540
7	Cows	1,193
8	Sheep and Lambs	1,080
9	Garlic, All	866
10	Hay, Other	630

MONTEREY

1	Lettuce, Leaf	544,313
2	Lettuce, Head	406,221
3	Strawberries	317,072
4	Broccoli	273,327
5	Nursery	270,209
6	Spinach	187,926
7	Grapes	174,380
8	Spring Mix	140,975
9	Celery	108,955
10	Cauliflower	105,252

NAPA

1	Grapes, Wine	349,500
2	Nursery Products	3,965
3	Cattle and Calves	2,027
4	Livestock Products	438
5	Pasture, Range	343
6	Sheep and Lambs	229
7	Olives	215
8	Strawberries, Fresh	137
9	Vegetable Crops	63
10	Hay, Grain	28

NEVADA

1	Heifers and Steers, Fed	2,737
2	Grapes, Wine	2,191
3	Pasture, Irrigated	876
4	Pasture, Range	837
5	Milk Cows	675
6	Fruit and Nut Crops	538
7	Nursery Products	396
8	Sheep and Lambs	216
9	Livestock	106
10	Livestock Products	90

ORANGE

1	Woody Ornamentals	168,597
2	Strawberries	50,964
3	Plants, Potted	28,193
4	Nursery, Fl. Propg. Materials	13,174
5	Avocados	9,330
6	Peppers, Bell	7,132
7	Beans, Fresh	6,191
8	Fruit and Nut Crops	1, 996
9	Vegetable Crops	1,088
10	Beans, Dry	1,023

Leading Commodities for Gross Value of Agricultural Production by County, 2004 [1] *continued*

$1,000

PLACER

1	Rice, Milling	14,097
2	Nursery Products	13,227
3	Cattle and Calves	11,440
4	Livestock	6,582
5	Pasture, Irrigated	2,500
6	Livestock Products	2,438
7	Fruit and Nut Crops	2,195
8	Pasture, Range	1,890
9	Walnuts, English	8,697
10	Field Crops	6,469

PLUMAS

1	Stockers and Feeders	11,992
2	Hay, Alfalfa	3,120
3	Pasture, Irrigated	2,450
4	Hay, Wild	1,050
5	Pasture, Forage	1,040
6	Beef Cows	412
7	Fruit and Nut Crops	200
8	Pasture, Range	195
9	Hay, Grain	158
10	Livestock	135

RIVERSIDE

1	Nursery	211,271
2	Milk	208,850
3	Grapes, Table	112,377
4	Eggs	65,243
5	Avocados	56,389
6	Grapefruit, All	48,760
7	Hay, All	46,169
8	Peppers, Bell	41,916
9	Dates	38,794
10	Lemons	34,723

SACRAMENTO

1	Grapes, Wine	74,432
2	Milk, Market	55,475
3	Nursery Stock	35,220
4	Pears, Bartlett	24,064
5	Poultry	17,549
6	Corn, Field	13,366
7	Cattle and Calves	12,093
8	Silage, Corn	8,066
9	Rice	8,038
10	Hay, Alfalfa	7,501

SAN BENITO

1	Lettuce, Baby	48,293
2	Nursery Stock	26,449
3	Vegetable and Row Crops	22,515
4	Peppers, Bell	20,705
5	Grapes, Wine	18,917
6	Spinach	14,647
7	Lettuce, Leaf	13,974
8	Onions, Dry	11,473
9	Lettuce, Romaine	10,307
10	Mustard	10,069

SAN BERNARDINO

1	Milk	412,202
2	Eggs	43,509
3	Heifers, Replacement	40,925
4	Cattle and Calves (Meat)	30,043
5	Trees/Shrubs	24,684
6	Indoor Decoratives	13,498
7	Oranges, All	13,037
8	Alfalfa, All	11,580
9	Bok Choi	6,340
10	Chickens (Meat)	4,867

SAN DIEGO

1	Plants, Foliage	310,590
2	Woody Ornamentals	274,874
3	Plants, Bedding	209,514
4	Avocados	175,007
5	Tomatoes, Fresh	68,034
6	Flowers, Cut	67,205
7	Eggs, Chicken	46,990
8	Poinsettias, Potted	36,549
9	Strawberries, Fresh	23,424
10	Vegetable Crops	20,595

SAN FRANCISCO

1	Vegetable Crops	1,351
2	Flowers, Cut	574
3	—	—
4	—	—
5	—	—
6	—	—
7	—	—
8	—	—
9	—	—
10	—	—

SAN JOAQUIN

1	Milk, All	324,657
2	Grapes, All	188,824
3	Almond Meats	172,030
4	Tomatoes, All	107,053
5	Cherries, All	97,904
6	Walnuts, English	87,926
7	Hay, All	65,625
8	Asparagus	56,056
9	Woody Ornamentals	54,490
10	Cattle and Calves	40,559

SAN LUIS OBISPO

1	Grapes, Wine	127,435
2	Cattle and Calves	54,427
3	Broccoli	54,342
4	Plants, Vegetable Bedding	30,060
5	Lettuce, Head	29,453
6	Flowers, Cut	29,450
7	Avocados	26,085
8	Strawberries, Fresh	23,697
9	Plants, Foliage	23,173
10	Vegetable Crops	17,460

SAN MATEO

1	Nursery Stock, Ornamental	29,496
2	Plants, Potted Foliage	17,060
3	Mushrooms	17,046
4	Orchids, Potted	10,089
5	Lilies, Potted	7,244
6	Brussels Sprouts	5,978
7	Poinsettias, Potted	4,274
8	Snapdragons	2,578
9	Lilies, Cut	2,577
10	Herbaceous Perennials	2,469

SANTA BARBARA

1	Strawberries	186,066
2	Broccoli	113,153
3	Grapes, Wine	83,427
4	Lettuce, Head	51,062
5	Cauliflower	35,790
6	Celery	31,007
7	Avocados	29,354
8	Cattle	28,611
9	Gerbera, Cut	21,957
10	Lettuce, Leaf	17,954

SANTA CLARA

1	Nursery Crops	94,688
2	Mushrooms	53,917
3	Peppers, Bell	12,425
4	Peppers, Wax and Chili	11,635
5	Flowers, Cut	9,595
6	Steers and Heifers	7,181
7	Grapes, Wine	6,140
8	Cherries	4,752
9	Lettuce, Leaf	4,484
10	Vegetables, Chinese	4,399

SANTA CRUZ

1	Strawberries	194,755
2	Raspberries	101,393
3	Plants, Landscape	27,073
4	Flowers, Indoor Cut	14,774
5	Vegetable Crops	13,055
6	Plants, Other	11,665
7	Lettuce, Leaf	11,179
8	Berries, Misc.	11,074
9	Flowers, Field Grown	10,571
10	Lettuce, Head	9,644

SHASTA

1	Stockers and Feeders	10,892
2	Plants, Strawberry	6,945
3	Hay, Other	6,773
4	Pasture, Range	3,475
5	Pasture, Irrigated	3,300
6	Hay, Alfalfa	3,156
7	Livestock	3,054
8	Nursery Products	2,879
9	Beef Cows	2,796
10	Rice, Wild	2,552

Leading Commodities for Gross Value of Agricultural Production by County, 2004 [1] *continued*

$1,000

SIERRA

1	Stockers and Feeders	3,817
2	Pasture, Irrigated	801
3	Hay, Alfalfa	576
4	Pasture, Forage	400
5	Hay, Wild	320
6	Beef Cows	122
7	Hay, Grain	105
8	Pasture, Range	72
9	Fruit and Nut Crops	35
10	Livestock	20

SISKIYOU

1	Hay, Alfalfa	28,875
2	Plants, Strawberry	19,520
3	Heifers and Steers, Fed	11,766
4	Calves	11,100
5	Pasture, Irrigated	10,000
6	Cows	7,200
7	Potatoes, Irish	6,149
8	Milk, Market	4,890
9	Barley Feed	4,063
10	Wheat, All	3,975

SOLANO

1	Nursery Stock	43,645
2	Cattle and Calves	26,185
3	Alfalfa	22,591
4	Tomatoes, Processing	18,868
5	Milk, Market	12,979
6	Grapes, Wine	10,231
7	Walnuts	5,644
8	Corn, Field	5,007
9	Wheat, Irrigated	4,401
10	Sheep and Lambs	4,273

SONOMA

1	Grapes, Wine	309,871
2	Milk, Market	98,648
3	Livestock and Poultry	39,118
4	Cattle and Calves	13,947
5	Livestock and Poultry Products	11,900
6	Nursery Ornamentals	10,296
7	Nursery Products	10,138
8	Vegetable Crops	7,962
9	Apples, All	5,618
10	Flowers, Cut	5,240

STANISLAUS

1	Milk, All	559,777
2	Almonds	416,800
3	Cattle and Calves	214,508
4	Chickens, All	148,175
5	Fruits and Nuts, Deciduous	73,158
6	Walnuts	64,586
7	Tomatoes, All	61,840
8	Silage, All	53,358
9	Peaches, All	43,173
10	Alfalfa	37,625

SUTTER

1	Rice	111,189
2	Walnuts	38,926
3	Peaches	31,595
4	Almonds	15,082
5	Tomatoes	12,536
6	Nursery Products	12,140
7	Cattle and Calves	11,459
8	Plums, Dried	11,186
9	Corn	4,478
10	Wheat	4,393

TEHAMA

1	Walnuts, English	30,870
2	Almonds, All	17,377
3	Olives	14,706
4	Milk, Market	9,995
5	Stockers and Feeders	8,651
6	Pasture, Range	8,370
7	Plums, Dried	8,180
8	Milk, Manufacturing	4,365
9	Heifers and Steers, Fed	4,186
10	Cows	3,715

TRINITY

1	Cattle and Calves	966
2	Pasture, Range	736
3	Grapes, Wine	237
4	Pasture, Irrigated	178
5	Fruit and Nut Crops	100
6	Hay, Grain	49
7	Nursery Products	28
8	Hay, Other	25
9	Christmas Trees and Cut Greens	1
10	—	—

TULARE

1	Milk	1,367,136
2	Oranges, All	545,428
3	Cattle and Calves	436,436
4	Grapes	393,583
5	Hay and Silage, Alfalfa	132,700
6	Cotton Lint and Seed	100,115
7	Plums	99,246
8	Grain and Silage, Corn	95,161
9	Almond Meats and Hulls	90,657
10	Nectarines	86,730

TUOLUMNE

1	Livestock	12,675
2	Cattle and Calves	6,093
3	Pasture, Range	2,500
4	Firewood	1,130
5	Bees	374
6	Fruit and Nut Crops	289
7	Pasture, Irrigated	162
8	Sheep and Lambs	146
9	Hay, Other	92
10	Livestock Products	88

VENTURA

1	Strawberries	363,646
2	Nursery Stock	221,999
3	Lemons	176,361
4	Avocados	124,661
5	Celery	122,832
6	Tomatoes	71,735
7	Flowers, Cut	65,663
8	Raspberries	48,586
9	Peppers	34,628
10	Oranges, Valencia	20,525

YOLO

1	Tomatoes, Processing	86,111
2	Rice, Milling	40,768
3	Hay, Alfalfa	36,753
4	Grapes, Wine	33,341
5	Almonds, All	19,309
6	Vegetable Crops	18,139
7	Wheat, All	12,948
8	Walnuts, English	11,437
9	Cattle and Calves	10,601
10	Sunflower Seed	8,106

YUBA

1	Rice	29,414
2	Peaches, Clingstone	23,029
3	Walnuts	18,044
4	Cattle and Calves	16,933
5	Milk	10,733
6	Plums, Dried	6,929
7	Pasture, All	3,516
8	Kiwifruit	3,184
9	Almonds, All	2,227
10	—	—

[1]The data rankings were extracted from county agricultural commissioners' reports where published. Those not ranked by the counties were ranked by USDA's National Agricultural Statistics Service, California Field Office. Timber was omitted in rankings. County agricultural commissioners' reports for Humboldt, Inyo, Mono and Trinity counties were not available at publication resulting in the use of 2003 data.

Commodity Rank and Leading Counties by Gross Value of Agricultural Production, 2004 [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	5,347,565	Tulare	25.6	Merced	13.9	Stanislaus	10.5	Kings	8.5	San Bernardino	7.7
Grapes, All	2	3,425,302	Fresno	17.3	Kern	15.2	Tulare	11.5	Napa	10.2	Sonoma	9.1
Nursery Products [2]	3	2,887,764	San Diego	19.5	Ventura	7.7	Monterey	7.3	Orange	7.3	Riverside	7.1
Cattle & Calves, All	4	2,461,337	Tulare	17.7	Fresno	12.6	Imperial	10.5	Stanislaus	8.7	Merced	8.5
Almonds	5	2,354,590	Kern	17.8	Stanislaus	17.7	Fresno	15.8	Merced	13.4	Madera	9.7
Lettuce	6	1,563,457	Monterey	60.2	Imperial	11.7	Fresno	10.0	San Benito	5.1	Santa Barbara	4.4
Strawberries	7	1,187,099	Ventura	30.6	Monterey	26.7	Santa Cruz	16.4	Santa Barbara	15.7	Orange	4.3
Oranges	8	1,025,402	Tulare	53.3	Kern	19.7	Fresno	18.6	Riverside	2.3	Ventura	2.2
Alfalfa Hay	9	941,998	Kern	17.5	Tulare	13.7	Imperial	10.5	Fresno	7.6	Merced	7.6
Cotton Lint	10	920,963	Fresno	39.2	Kern	21.9	Kings	13.6	Tulare	9.3	Merced	9.3
Flowers and Foliage [3]	11	856,790	San Diego	47.7	Santa Barbara	12.5	Ventura	7.7	Monterey	6.9	San Luis Obispo	6.1
Tomatoes, Processing	12	618,895	Fresno	39.5	Yolo	13.9	San Joaquin	10.1	Kings	7.2	Colusa	7.2
Broccoli	13	582,514	Monterey	46.0	Santa Barbara	19.4	San Luis Obispo	9.3	Fresno	9.0	Imperial	8.6
Pistachios	14	525,968	Kern	41.1	Madera	23.1	Tulare	12.2	Fresno	12.0	Kings	5.8
Rice (Excluding Seed)	15	518,235	Colusa	23.7	Sutter	19.7	Butte	19.4	Glenn	16.0	Yolo	7.9
Salad Greens, Misc.	16	491,312	Monterey	97.7	Imperial	2.2	—	—	—	—	—	—
Walnuts, English	17	470,295	San Joaquin	18.7	Tulare	15.0	Stanislaus	13.7	Butte	11.4	Sutter	8.3
Chickens	18	463,241	Merced	64.9	Stanislaus	32.0	San Bernardino	1.8	San Joaquin	1.0	San Diego	0.1
Peaches, All	19	439,935	Fresno	40.4	Tulare	16.5	Stanislaus	9.8	Sutter	7.2	Yuba	5.2
Tomatoes, Fresh Market	20	423,175	Fresno	38.6	Merced	17.3	San Diego	16.1	San Joaquin	10.5	Stanislaus	7.2
Avocados	21	422,916	San Diego	41.4	Ventura	29.5	Riverside	13.3	Santa Barbara	6.9	San Luis Obispo	6.2
Silage, All	22	402,698	Tulare	30.4	Merced	15.6	Stanislaus	13.3	Kings	9.8	Kern	9.1
Carrots	23	377,032	Kern	59.0	Imperial	15.5	Monterey	6.1	Riverside	2.6	Mono	2.1
Onions	24	349,583	Fresno	62.7	Imperial	9.8	Los Angeles	6.5	San Benito	3.3	Kern	3.3
Lemons	25	332,927	Ventura	53.0	Riverside	10.4	Tulare	8.7	Kern	8.1	Imperial	7.9
Eggs, Chicken	26	311,896	Merced	22.7	Riverside	20.9	San Diego	15.1	San Bernardino	13.9	San Joaquin	9.3
Celery	27	287,784	Ventura	42.7	Monterey	37.9	Santa Barbara	10.8	San Benito	2.2	San Luis Obispo	2.1
Nectarines	28	255,937	Fresno	55.6	Tulare	33.9	Kings	5.2	Kern	1.4	Madera	1.2
Spinach	29	253,164	Monterey	74.2	San Benito	5.8	Imperial	5.8	Ventura	3.8	Riverside	3.5
Peppers, Bell	30	240,092	Riverside	17.5	Kern	16.7	Fresno	15.4	Ventura	14.4	San Benito	8.6
Plums	31	231,535	Tulare	42.9	Fresno	40.2	Kings	8.5	Kern	5.8	Madera	1.7
Cauliflower	32	185,483	Monterey	56.7	Santa Barbara	19.3	Imperial	8.0	San Luis Obispo	6.2	Stanislaus	4.0
Wheat (Excluding Seed)	33	178,559	Kern	18.1	Imperial	12.2	Fresno	12.2	Kings	12.1	Tulare	10.7
Cherries	34	178,244	San Joaquin	54.9	Fresno	12.8	Kern	9.7	Stanislaus	6.7	Tulare	6.5
Pasture and Range, Other	35	177,985	Tulare	8.5	Merced	6.3	Monterey	6.0	San Luis Obispo	5.8	Kern	5.1
Raspberries	36	177,054	Santa Cruz	57.3	Ventura	27.4	Monterey	14.6	—	—	—	—
Cantaloupe	37	165,087	Fresno	64.0	Imperial	22.5	Merced	6.1	Stanislaus	3.1	Riverside	2.1
Turkeys	38	157,249	Merced	31.8	Fresno	25.2	Stanislaus	22.9	Kings	11.4	Tulare	4.3
Cottonseed	39	154,788	Fresno	36.3	Kings	21.2	Kern	20.2	Merced	10.3	Tulare	8.2
Potatoes (Including Seed)	40	148,181	Kern	63.6	San Joaquin	11.6	Modoc	8.0	Siskiyou	4.6	Imperial	4.0
Mushrooms	41	143,449	Monterey	41.8	Santa Clara	37.6	San Mateo	11.9	San Diego	8.7	—	—
Asparagus	42	139,747	San Joaquin	40.1	Monterey	20.3	Fresno	18.3	Imperial	10.0	Sacramento	3.3
Garlic	43	126,173	Fresno	92.3	Kern	4.4	Kings	2.2	Mono	0.7	Santa Clara	0.3
Apples	44	116,828	San Joaquin	32.6	Kern	16.2	Fresno	10.2	Santa Cruz	8.1	Stanislaus	7.8
Pasture, Irrigated	45	103,214	Tulare	13.9	Siskiyou	9.7	Stanislaus	9.6	Merced	8.0	Fresno	4.8
Pears	46	88,078	Sacramento	27.3	Fresno	21.1	Lake	20.2	Mendocino	18.0	Tulare	4.1
Potatoes, Sweet	47	83,400	Merced	94.9	Stanislaus	4.9	—	—	—	—	—	—
Sugar Beets	48	79,400	Imperial	56.6	Fresno	21.6	Kern	8.5	Merced	7.6	Kings	4.3
Corn, Grain	49	73,946	San Joaquin	30.1	Sacramento	18.1	Glenn	9.8	Contra Costa	6.9	Solano	6.8
Corn, Sweet	50	72,996	Fresno	29.4	Imperial	21.0	Contra Costa	17.6	San Joaquin	12.0	Riverside	6.3
Vegetable and Vinecrop Seeds	51	71,141	Colusa	41.1	Kern	15.2	Fresno	8.8	Sutter	7.3	San Joaquin	6.9
Olives	52	70,031	Tulare	51.9	Tehama	21.0	Glenn	15.7	Madera	3.7	Butte	3.5
Plums, Dried	53	69,865	Sutter	16.0	Tulare	15.3	Butte	14.0	Glenn	13.5	Tehama	11.7
Watermelon	54	69,370	Fresno	28.5	Imperial	20.7	San Joaquin	16.6	Kern	14.5	Riverside	8.5
Grapefruit	55	69,075	Riverside	68.8	Tulare	14.0	Imperial	5.3	San Diego	5.2	Kern	4.9
Cabbage	56	68,126	Monterey	52.3	Ventura	15.6	Santa Barbara	10.1	Imperial	9.8	San Luis Obispo	6.9
Sheep and Lambs	57	66,847	Fresno	16.8	Kern	16.8	Riverside	13.3	Imperial	8.9	Merced	7.2
Dates	58	56,204	Riverside	69.0	Imperial	31.0	—	—	—	—	—	—
Artichokes	59	56,004	Monterey	86.1	Riverside	6.8	San Mateo	0.9	Orange	[4]	—	—
Beans, Dry	60	54,646	Stanislaus	25.1	San Joaquin	11.4	Ventura	11.0	Tulare	6.2	Fresno	5.9
Grain Hay	61	53,504	Kern	27.1	Stanislaus	17.3	Merced	12.5	Solano	3.7	Modoc	3.6
Honeydew	62	53,122	Fresno	51.0	Yolo	13.4	Sutter	12.1	Imperial	11.5	Riverside	9.0
Apricots	63	53,062	Stanislaus	42.5	Fresno	16.7	Kings	11.4	San Joaquin	8.6	Kern	6.1
Cucumbers	64	41,562	San Joaquin	63.4	San Diego	14.8	Tulare	9.4	Ventura	2.2	Orange	1.7
Sudan Hay	65	39,467	Imperial	66.6	Tulare	14.7	Solano	10.1	Riverside	3.4	Merced	2.4
Hogs and Pigs	66	39,294	Tulare	68.7	Fresno	18.7	Stanislaus	5.7	Sacramento	1.2	San Bernardino	1.0
Kiwifruit	67	37,800	Tulare	70.8	Yuba	8.4	Butte	8.4	Fresno	6.2	Kern	2.5
Honey	68	35,749	Tulare	57.1	Kern	8.4	Merced	6.3	San Diego	5.6	Fresno	4.9
Squash	69	28,600	Santa Barbara	27.9	Fresno	13.3	San Diego	9.2	Stanislaus	7.5	San Luis Obispo	7.1
Tangerines	70	26,147	Tulare	53.6	Riverside	27.6	San Diego	8.4	Imperial	4.3	Ventura	3.1

[1] *Compiled from county agricultural commissioners' reports for 2004. county agricultural commissioners' reports for Humboldt, Inyo, Mono and Trinity counties were not available at publication resulting in the use of 2003 data.*

[2] *Includes trees, shrubs, vines, bedding plants, bulbs and turf not included in flowers and foliage.*

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

[4] *Totals less than one-tenth of a percent.*

Field Crops

Nearly ideal weather conditions during much of the 2004 crop year boosted production of many California field crops. Field crop production in California was valued at $3.56 billion, up 6 percent from 2003, and the average value per harvested acre increased 20 percent from the previous year to $837. California's major field crops produced 28.2 million tons in 2004.

California's highest-valued field crop in 2004 was hay, which totaled $1.01 billion, followed by cotton at $796 million. Of the total hay value, alfalfa accounted for $853 million while other hay represented the remaining $158 million. Nationally, the Golden State was the leading alfalfa-producing state, but ranked third for all hay production. The value of all hay increased 19 percent in 2004, whereas production decreased 5 percent. Ideal growing conditions and an early start to harvest had alfalfa hay yields on track to set a new record in California. Due to reduced surface water supplies in Central California during the second half of the season and insect damage in some areas, final yields for 2004 fell slightly below the record high set in 1997.

The 2004 cotton crop resulted in record-high yields for both Upland and American Pima cotton in California. Production of the American Pima variety was up 84 percent from 2003, and Upland cotton production increased nearly 20 percent. All cotton production increased 33 percent from 2003, but the value increased only 7 percent due to a decrease in the per unit price of each variety. The unit price of Upland cotton dropped from 74.5 cents to 55.5 cents per pound, and the American Pima price decreased from $1.23 to $1.01 per pound. Planting of the 2004 cotton crop got off to an early start due to unseasonably warm weather conditions the first few weeks of March. Weather conditions remained favorable throughout the growing season, promoting rapid growth and development. Harvesting got underway in the San Joaquin Valley during the last week in September, but rain arrived in mid-October and delayed harvesting for many growers. More rain followed in November as did concerns of reduction in yield and quality. By the end of December, harvesting was essentially complete.

Rice harvested acreage and production increased 16 percent and 30 percent, respectively, in 2004. Value of production, however, showed a decline from the previous year of 13 percent. California rice producers increased their planted acreage in 2004, due to the lack of water right sales from the Northern California

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rice growing regions to the Southern California Metropolitan Water District. Farmers planted rice on fields that had not produced the crop for many years. A warm, dry spring created ideal planting conditions, and good weather all season resulted in excellent stands with very little blanking. Increased acreage combined with record-high yields, however, put pressure on prices and resulted in a 33 percent decrease in the per unit price from 2003.

Dry bean harvested acreage in California declined 24 percent, and production dropped 16 percent in 2004, contributing to a 10 percent decline in total value. Favorable weather conditions promoted steady growth and development during the growing season. Harvesting of some varieties began in mid-September, but heavy rains in late October and early November delayed harvest or drove some growers to disc under some beans. Lack of rain on the Central Coast early in the year reduced some local yields.

California's 2004 corn for grain harvested acreage increased 7 percent, while production and value both increased 17 percent from the previous year. Early warm weather in April allowed growers to finish planting and promoted rapid growth in fields planted earlier. Robust growth continued throughout the growing season as warm weather prevailed. Harvesting began in some locations in August, and by November harvest was primarily complete.

Sugar beet acreage, production and values were down 2 percent in 2004. October rains slowed both planting and harvesting of the sugar beet crop. Sugar content and yields were very good in harvested fields.

Notable Increases in Value:

Cotton, American Pima	51%
Cottonseed	31%
Hay, Alfalfa	20%
Wheat, Other	18%

Significant Decreases in Value:

Cotton, Upland	11%
Oats	28%
Rice, All	13%
Wheat, Durum	24%

Field Crop Acreage, Production and Value, 1995–2004

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
BARLEY [1]		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	1995	260,000	200,000	1.68	336,000	136.67	45,920
	1996	250,000	190,000	1.44	273,600	153.75	42,066
	1997	230,000	150,000	1.37	205,200	114.58	23,513
	1998	170,000	125,000	1.44	180,000	97.08	17,475
	1999	140,000	100,000	1.54	153,600	97.50	14,976
	2000	130,000	95,000	1.63	155,040	98.75	15,310
	2001	160,000	110,000	1.27	139,800	98.33	13,759
	2002	130,000	75,000	1.70	127,800	103.75	13,259
	2003	100,000	58,000	1.54	89,088	115.42	10,282
	2004	110,000	75,000	1.30	97,200	114.59	11,138
BEANS, BLACK-EYED DRY [2,3]		**Acres**	**Acres**	**Pounds**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	44,500	43,500	2,230	970,000	—	—
	1996	24,000	23,000	2,220	511,000	—	—
	1997	30,000	29,000	2,400	695,000	—	—
	1998	33,000	31,000	1,840	570,000	—	—
	1999	39,500	38,500	2,010	775,000	—	—
	2000	15,300	15,300	2,160	330,000	—	—
	2001	12,000	12,000	2,420	290,000	—	—
	2002	12,600	12,400	2,520	313,000	—	—
	2003	16,500	16,100	2,450	395,000	—	—
	2004	10,500	10,300	2,580	266,000	—	—
BEANS, GARBANZO DRY [2,3]		**Acres**	**Acres**	**Pounds**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	19,000	17,000	1,690	288,000	—	—
	1996	25,000	23,000	1,530	352,000	—	—
	1997	9,000	9,000	1,670	150,000	—	—
	1998	5,000	5,000	1,600	80,000	—	—
	1999	16,500	16,500	1,730	285,000	—	—
	2000	24,500	23,500	1,460	343,000	—	—
	2001	29,000	27,000	1,270	342,000	—	—
	2002	18,500	18,000	1,600	288,000	—	—
	2003	9,700	9,400	900	85,000	—	—
	2004	6,100	5,800	1,980	115,000	—	—
BEANS, DARK RED KIDNEY DRY [2,3]		**Acres**	**Acres**	**Pounds**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	4,500	4,500	1,600	72,000	—	—
	1996	5,000	5,000	1,640	82,000	—	—
	1997	5,000	5,000	1,800	90,000	—	—
	1998	5,500	5,500	850	47,000	—	—
	1999	3,500	3,500	1,310	46,000	—	—
	2000	6,000	6,000	1,370	82,000	—	—
	2001	2,500	2,500	1,600	40,000	—	—
	2002	2,500	2,500	1,640	41,000	—	—
	2003	900	900	1,780	16,000	—	—
	2004	1,200	1,100	1,820	20,000	—	—
BEANS, LIGHT RED KIDNEY DRY [2,3]		**Acres**	**Acres**	**Pounds**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	13,000	12,000	1,740	209,000	—	—
	1996	10,000	10,000	1,870	187,000	—	—
	1997	10,000	10,000	1,980	198,000	—	—
	1998	9,500	8,500	1,380	117,000	—	—
	1999	8,000	8,000	1,510	121,000	—	—
	2000	11,000	11,000	1,480	163,000	—	—
	2001	6,200	6,200	1,450	90,000	—	—
	2002	6,000	6,000	1,270	76,000	—	—
	2003	5,000	4,900	1,390	68,000	—	—
	2004	4,600	4,000	1,180	47,000	—	—
BEANS, BABY LIMA DRY [2,3]		**Acres**	**Acres**	**Pounds**	**Cwt.**	**$/Cwt.**	**$1,000**
	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	—	—
	2002	21,500	21,000	2,390	501,000	—	—
	2003	14,500	14,100	2,300	325,000	—	—
	2004	11,300	10,900	2,360	257,000	—	—

Field Crop Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
BEANS, LARGE LIMA DRY [2,3]		**Acres**	**Acres**	**Pounds**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	21,000	20,000	2,080	415,000	—	—
	1996	21,000	20,000	1,970	394,000	—	—
	1997	30,000	29,000	2,480	718,000	—	—
	1998	26,000	25,000	1,250	312,000	—	—
	1999	25,000	24,000	1,800	433,000	—	—
	2000	20,500	19,500	2,240	437,000	—	—
	2001	14,800	14,500	2,250	326,000	—	—
	2002	19,000	18,200	1,840	334,000	—	—
	2003	19,600	19,000	1,940	369,000	—	—
	2004	15,100	14,600	2,030	297,000	—	—
BEANS, PINK DRY [2,3]		**Acres**	**Acres**	**Pounds**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	7,000	6,000	1,630	98,000	—	—
	1996	8,000	8,000	1,560	125,000	—	—
	1997	4,000	4,000	1,550	62,000	—	—
	1998	5,500	5,500	1,070	59,000	—	—
	1999	2,000	2,000	1,150	23,000	—	—
	2000	700	700	860	6,000	—	—
	2001	—	—	—	—	—	—
	2002	—	—	—	—	—	—
	2003	900	900	1,000	9,000	—	—
	2004	200	200	1,500	3,000	—	—
BEANS, OTHER DRY [2,3,4]		**Acres**	**Acres**	**Pounds**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	13,000	12,000	1,480	178,000	—	—
	1996	11,000	11,000	1,430	157,000	—	—
	1997	6,000	6,000	1,920	115,000	—	—
	1998	7,500	7,500	1,270	95,000	—	—
	1999	10,000	10,000	1,180	118,000	—	—
	2000	8,000	8,000	1,430	114,000	—	—
	2001	9,800	9,800	1,460	143,000	—	—
	2002	10,200	9,200	2,020	186,000	—	—
	2003	7,500	7,300	1,030	75,000	—	—
	2004	8,000	7,700	1,620	125,000	—	—
BEANS, ALL DRY EDIBLE [4]		**Acres**	**Acres**	**Pounds**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	145,000	137,000	2,000	2,740,000	34.80	95,352
	1996	128,000	123,000	1,890	2,325,000	38.50	89,513
	1997	135,000	132,000	2,270	3,000,000	29.40	88,200
	1998	110,000	105,000	1,480	1,554,000	36.10	56,099
	1999	135,000	132,000	1,860	2,455,000	27.00	66,285
	2000	115,000	112,000	1,840	2,059,000	26.80	55,181
	2001	88,000	85,000	1,760	1,496,000	31.20	46,675
	2002	92,000	89,000	1,980	1,762,000	33.30	58,675
	2003	77,000	75,000	1,840	1,380,000	35.30	48,714
	2004	60,000	57,000	2,040	1,163,000	37.80	43,961
CORN FOR GRAIN [5]		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	1995	435,000	150,000	4.48	672,000	141.07	94,800
	1996	500,000	220,000	4.48	985,600	120.36	118,624
	1997	585,000	265,000	4.76	1,261,400	108.93	137,403
	1998	600,000	245,000	4.48	1,097,600	95.00	104,272
	1999	525,000	185,000	4.76	880,600	89.29	78,625
	2000	540,000	205,000	4.76	975,800	87.14	85,034
	2001	480,000	160,000	4.76	761,600	87.50	66,640
	2002	545,000	150,000	4.76	714,000	97.50	69,615
	2003	530,000	140,000	4.48	627,200	103.57	64,960
	2004	540,000	150,000	4.90	735,000	103.57	76,125
CORN FOR SILAGE [3]		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	1995	—	280,000	25.00	7,000,000	20.25	141,750
	1996	—	275,000	25.00	6,875,000	21.78	149,738
	1997	—	315,000	26.00	8,190,000	21.04	172,318
	1998	—	350,000	25.00	8,750,000	20.09	175,788
	1999	—	335,000	26.00	8,710,000	19.89	173,320
	2000	—	330,000	26.00	8,580,000	17.09	146,640
	2001	—	315,000	26.00	8,190,000	21.75	178,133
	2002	—	390,000	26.00	10,140,000	23.35	236,839
	2003	—	385,000	26.00	10,010,000	21.70	217,217
	2004	—	385,000	26.00	10,010,000	24.31	243,343

Field Crop Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
COTTON, AMERICAN-PIMA [6]		**Acres**	**Acres**	**Pounds**	**Bales**	**¢/Lb.**	**$1,000**
	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	85.6	262,552
	2002	210,000	209,000	1,386	603,300	86.0	249,042
	2003	150,000	149,000	1,194	370,500	123.0	218,743
	2004	215,000	214,000	1,532	683,000	101.0	324,816
COTTON, UPLAND [6]		**Acres**	**Acres**	**Pounds**	**Bales**	**¢/Lb.**	**$1,000**
	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	41.6	353,434
	2002	480,000	477,000	1,469	1,460,000	57.3	401,558
	2003	550,000	545,000	1,317	1,495,000	74.5	534,612
	2004	560,000	557,000	1,543	1,790,000	55.5	471,528
COTTON, ALL [6]		**Acres**	**Acres**	**Pounds**	**Bales**	**¢/Lb.**	**$1,000**
	1995	1,285,000	1,280,000	951	2,536,500	86.0	1,046,891
	1996	1,165,000	1,159,000	1,145	2,765,000	80.6	1,070,208
	1997	1,065,000	1,059,000	1,191	2,628,200	78.0	983,883
	1998	850,000	800,000	899	1,498,800	73.6	529,259
	1999	850,000	844,000	1,241	2,182,700	64.2	672,412
	2000	920,000	914,000	1,342	2,556,300	58.6	719,502
	2001	870,000	864,000	1,338	2,409,000	53.3	615,986
	2002	690,000	686,000	1,444	2,063,300	65.7	650,600
	2003	700,000	694,000	1,290	1,865,500	84.1	753,355
	2004	775,000	771,000	1,540	2,473,000	68.0	807,187
COTTONSEED [3]		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	1995	—	—	—	940,000	132.00	124,080
	1996	—	—	—	1,020,000	176.00	179,520
	1997	—	—	—	942,000	174.00	163,908
	1998	—	—	—	544,000	177.00	96,288
	1999	—	—	—	799,000	137.00	109,463
	2000	—	—	—	909,000	139.00	126,351
	2001	—	—	—	849,000	142.00	120,558
	2002	—	—	—	731,000	138.00	100,878
	2003	—	—	—	680,000	152.00	103,360
	2004	—	—	—	902,000	150.00	135,300
HAY, ALFALFA [3]		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	1995	—	940,000	6.90	6,486,000	101.00	655,086
	1996	—	940,000	7.00	6,580,000	110.00	723,800
	1997	—	950,000	7.20	6,840,000	119.00	813,960
	1998	—	1,050,000	6.60	6,930,000	98.00	679,140
	1999	—	1,050,000	6.90	7,245,000	90.00	652,050
	2000	—	1,020,000	7.00	7,140,000	92.00	656,880
	2001	—	1,010,000	7.20	7,070,000	119.00	841,330
	2002	—	1,160,000	6.90	8,004,000	98.00	784,390
	2003	—	1,090,000	7.00	7,630,000	93.00	709,590
	2004	—	1,050,000	7.00	7,350,000	116.00	852,600
HAY, OTHER [3]		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	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	—	520,000	2.80	1,456,000	78.50	114,296
	2001	—	550,000	3.10	1,705,000	93.50	159,418
	2002	—	590,000	3.00	1,770,000	79.50	140,715
	2003	—	530,000	3.50	1,855,000	77.00	142,835
	2004	—	500,000	3.30	1,650,000	95.50	157,575

Field Crop Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
HAY, ALL [3,6]		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	1995	—	1,470,000	5.67	8,341,000	98.50	780,299
	1996	—	1,450,000	5.52	8,008,000	108.00	840,896
	1997	—	1,510,000	5.57	8,408,000	117.00	967,624
	1998	—	1,630,000	5.25	8,554,000	96.00	789,572
	1999	—	1,580,000	5.56	8,782,000	89.00	767,325
	2000	—	1,540,000	5.58	8,596,000	90.50	771,176
	2001	—	1,560,000	5.63	8,775,000	115.00	1,000,748
	2002	—	1,750,000	5.59	9,774,000	95.50	925,107
	2003	—	1,620,000	5.85	9,485,000	90.50	853,425
	2004	—	1,550,000	5.81	9,000,000	113.00	1,010,175
OATS [1]		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	1995	350,000	30,000	1.36	40,800	130.63	5,330
	1996	300,000	30,000	1.20	36,000	138.75	4,995
	1997	350,000	30,000	1.28	38,400	123.75	4,752
	1998	320,000	30,000	1.20	36,000	85.00	3,060
	1999	275,000	25,000	1.36	34,000	93.75	3,188
	2000	220,000	25,000	1.20	30,000	96.88	2,906
	2001	260,000	25,000	0.96	24,000	140.63	3,375
	2002	260,000	32,000	1.31	41,984	181.25	7,610
	2003	260,000	35,000	1.28	44,800	125.00	5,600
	2004	240,000	25,000	1.36	34,000	118.75	4,038
POTATOES, WINTER		**Acres**	**Acres**	**Cwt.**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	5,000	5,000	260	1,300,000	18.20	23,660
	1996	5,700	5,700	250	1,425,000	21.10	30,068
	1997	6,600	6,600	235	1,551,000	18.10	28,073
	1998	7,000	7,000	220	1,540,000	22.40	34,496
	1999	8,500	8,500	260	2,210,000	22.60	49,946
	2000	9,000	9,000	320	2,880,000	17.00	48,960
	2001	9,000	9,000	310	2,790,000	19.70	54,963
	2002	9,000	9,000	270	2,430,000	24.00	58,320
	2003	8,500	8,500	310	2,635,000	26.70	70,355
	2004	13,000	13,000	250	3,250,000	22.70	73,775
POTATOES, SPRING		**Acres**	**Acres**	**Cwt.**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	18,000	17,800	350	6,230,000	13.60	84,728
	1996	20,100	20,100	375	7,538,000	13.00	97,994
	1997	20,700	20,700	390	8,073,000	9.85	79,519
	1998	18,500	18,500	335	6,198,000	10.50	65,079
	1999	19,000	19,000	400	7,600,000	10.50	79,800
	2000	18,800	18,800	395	7,426,000	12.20	90,597
	2001	15,500	15,500	390	6,045,000	12.40	74,958
	2002	19,000	19,000	405	7,695,000	19.80	152,361
	2003	19,000	19,000	440	8,360,000	12.60	105,336
	2004	17,500	17,500	475	8,313,000	13.40	111,394
POTATOES, SUMMER		**Acres**	**Acres**	**Cwt.**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	5,500	5,500	320	1,760,000	17.50	30,800
	1996	5,800	5,800	360	2,088,000	14.60	30,485
	1997	5,900	5,900	360	2,124,000	14.50	30,798
	1998	6,200	6,100	355	2,166,000	11.90	25,775
	1999	6,700	6,700	360	2,412,000	12.80	30,874
	2000	7,500	7,500	355	2,663,000	18.10	48,200
	2001	8,000	8,000	355	2,840,000	15.40	43,736
	2002	7,300	7,300	360	2,628,000	19.10	50,195
	2003	7,500	7,200	385	2,772,000	16.40	45,461
	2004	7,000	7,000	350	2,450,000	14.50	35,525
POTATOES, FALL		**Acres**	**Acres**	**Cwt.**	**Cwt.**	**$/Cwt.**	**$1,000**
	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	3,400	3,400	445	1,513,000	8.25	12,482
	2002	8,300	8,300	520	4,316,000	8.45	36,470
	2003	8,300	8,300	425	3,528,000	9.20	32,458
	2004	7,600	7,600	480	3,648,000	7.95	29,002

Field Crop Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
POTATOES, ALL (EXCLUDING SWEET)		**Acres**	**Acres**	**Cwt.**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	41,500	41,300	354	14,620,000	13.10	190,623
	1996	43,100	43,100	363	15,651,000	11.70	180,627
	1997	43,700	43,700	365	15,948,000	10.90	172,410
	1998	42,000	41,900	325	13,612,000	11.60	156,497
	1999	43,200	43,200	376	16,227,000	11.80	190,057
	2000	44,000	44,000	380	16,710,000	12.50	209,455
	2001	35,900	35,900	367	13,188,000	14.20	186,139
	2002	43,600	43,600	391	17,069,000	17.50	297,346
	2003	43,300	43,000	402	17,295,000	14.80	253,610
	2004	45,100	45,100	392	17,661,000	14.30	249,696
POTATOES, SWEET		**Acres**	**Acres**	**Cwt.**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	9,600	9,600	200	1,920,000	33.00	63,360
	1996	9,600	9,600	225	2,160,000	26.10	56,376
	1997	9,700	9,700	205	1,989,000	28.00	55,692
	1998	9,700	9,700	220	2,134,000	25.80	55,057
	1999	10,000	10,000	240	2,400,000	28.80	69,120
	2000	10,500	10,500	250	2,625,000	24.10	63,263
	2001	10,000	10,000	230	2,300,000	26.90	61,870
	2002	10,400	10,400	280	2,912,000	23.10	67,267
	2003	10,700	10,700	300	3,210,000	25.20	80,892
	2004	11,500	11,500	280	3,220,000	25.00	80,500
RICE, LONG [3]		**Acres**	**Acres**	**Cwt.**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	8,000	8,000	75.00	600,000	—	—
	1996	5,000	5,000	72.00	360,000	—	—
	1997	9,000	9,000	77.00	693,000	—	—
	1998	9,000	9,000	59.70	537,000	—	—
	1999	5,000	5,000	68.00	340,000	—	—
	2000	9,000	9,000	71.00	639,000	—	—
	2001	13,000	13,000	77.00	1,001,000	—	—
	2002	7,000	7,000	64.00	448,000	—	—
	2003	7,000	7,000	69.00	483,000	—	—
	2004	7,000	7,000	73.00	511,000	—	—
RICE, MEDIUM [3]		**Acres**	**Acres**	**Cwt.**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	449,000	447,000	76.00	33,972,000	—	—
	1996	484,000	482,000	75.00	36,150,000	—	—
	1997	493,000	491,000	82.60	40,557,000	—	—
	1998	420,000	418,000	69.90	29,218,000	—	—
	1999	455,000	450,000	73.00	32,850,000	—	—
	2000	507,000	505,000	80.00	40,400,000	—	—
	2001	435,000	433,000	83.00	35,939,000	—	—
	2002	500,000	495,000	83.00	41,085,000	—	—
	2003	460,000	458,000	78.40	35,907,000	—	—
	2004	540,000	535,000	88.00	47,080,000	—	—
RICE, SHORT [3,8]		**Acres**	**Acres**	**Cwt.**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	10,000	10,000	78.00	780,000	—	—
	1996	13,000	13,000	73.00	949,000	—	—
	1997	16,000	16,000	81.00	1,296,000	—	—
	1998	31,000	31,000	52.60	1,631,000	—	—
	1999	50,000	50,000	70.00	3,500,000	—	—
	2000	34,000	34,000	73.00	2,482,000	—	—
	2001	25,000	25,000	62.00	1,550,000	—	—
	2002	26,000	26,000	56.00	1,456,000	—	—
	2003	42,000	42,000	63.00	2,646,000	—	—
	2004	48,000	48,000	66.00	3,168,000	—	—
RICE, ALL [8,9]		**Acres**	**Acres**	**Cwt.**	**Cwt.**	**$/Cwt.**	**$1,000**
	1995	467,000	465,000	76.00	35,352,000	8.79	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	5.28	203,227
	2002	533,000	528,000	81.40	42,989,000	6.32	271,690
	2003	509,000	507,000	77.00	39,036,000	10.40	405,974
	2004	595,000	590,000	86.00	50,759,000	6.95	352,775

Field Crop Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Planted	Harvested	Yield Per Acre	Production	Value Per Unit	Total Value
SORGHUM FOR GRAIN [5,10]		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	2000	12,000	8,000	2.10	16,800	82.20	1,381
	2001	10,000	7,000	2.52	17,600	87.60	1,545
	2002	17,000	11,000	2.24	24,600	92.80	2,287
	2003	18,000	10,000	2.52	25,200	93.00	2,344
	2004	28,000	12,000	2.52	30,240	82.00	2,480
SORGHUM FOR SILAGE [3,10]		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	2000	—	4,000	15.00	60,000	—	—
	2001	—	3,000	20.00	60,000	—	—
	2002	—	6,000	17.00	102,000	—	—
	2003	—	8,000	18.00	144,000	—	—
	2004	—	16,000	15.00	240,000	—	—
SUGAR BEETS [3,11]		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	1995	116,000	114,000	28.00	3,192,000	39.40	125,765
	1996	84,000	82,000	29.50	2,419,000	43.00	104,017
	1997	101,000	99,000	30.00	2,970,000	40.60	120,582
	1998	101,000	99,000	27.50	2,723,000	39.80	108,375
	1999	110,000	108,000	32.00	3,456,000	36.80	127,181
	2000	98,000	92,500	34.00	3,145,000	30.40	95,608
	2001	46,600	44,700	35.70	1,596,000	33.40	53,306
	2002	50,200	49,500	39.60	1,960,000	39.40	77,224
	2003	50,800	50,100	39.10	1,959,000	39.50	77,381
	2004	49,500	49,000	39.30	1,926,000	—	—
WHEAT, WINTER [1] (EXCLUDING DURUM)		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	1995	580,000	425,000	1.83	777,800	138.33	107,589
	1996	640,000	550,000	2.07	1,138,500	163.33	185,955
	1997	510,000	400,000	2.10	840,000	123.67	103,880
	1998	500,000	380,000	1.80	684,000	98.67	67,488
	1999	500,000	370,000	2.34	865,800	91.67	79,365
	2000	535,000	390,000	2.10	819,000	89.00	72,891
	2001	530,000	380,000	2.10	798,000	97.67	77,938
	2002	530,000	300,000	2.28	684,000	115.67	79,116
	2003	740,000	410,000	1.83	750,300	114.00	85,534
	2004	560,000	320,000	2.55	816,000	123.33	100,640
WHEAT, DURUM		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	1995	70,000	68,000	3.00	204,000	165.00	33,660
	1996	140,000	138,000	3.00	414,000	171.33	70,932
	1997	145,000	144,000	2.85	410,400	142.67	58,550
	1998	180,000	175,000	2.70	472,500	127.67	60,323
	1999	90,000	85,000	3.15	267,800	123.33	33,023
	2000	100,000	97,000	3.00	291,000	106.33	30,943
	2001	85,000	81,000	3.15	255,200	128.97	32,914
	2002	95,000	90,000	3.00	270,000	132.00	35,640
	2003	130,000	115,000	3.00	345,000	150.33	51,865
	2004	120,000	100,000	2.70	270,000	146.67	39,600
WHEAT, ALL [1]		**Acres**	**Acres**	**Tons**	**Tons**	**$/Ton**	**$1,000**
	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	127.33	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	103.67	110,852
	2002	625,000	390,000	2.45	954,000	120.33	114,756
	2003	870,000	525,000	2.09	1,095,300	118.00	137,399
	2004	680,000	420,000	2.59	1,086,000	133.33	140,240

[1]*Area planted includes preceding fall.*
[2]*Production is on a clean basis.*
[3]*Dashes represent data not published due to the estimate being discontinued, not estimated, or not available.*
[4]*Includes varieties not listed separately. Excludes beans grown for garden seed.*
[5]*Planted acreage is for all purposes.*
[6]*Cotton bales are 480 lbs. net-weight.*
[7]*Estimated marketings of alfalfa and other hay used as weights to calculate all hay price for 1995-2004.*
[8]*Sweet rice acreage included in 2003 and 2004 as short grain, but not in previous years.*
[9]*Excludes wild rice. Sweet rice acreage included in 2003 and 2004, but excluded in prior years.*
[10]*Initiated in 2000.*
[11]*Relates to year of intended harvest for fall planted beets in Central California and to year of planting for overwintered beets in central and southern California.*

Field Crop Monthly Average Prices Received, 1995–2004

Crop	Crop Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BARLEY							**$/Ton**						
	1995	[1]	113.00	112.00	[1]	122.00	[1]	[1]	115.00	123.00	[1]	139.00	142.00
	1996	137.00	164.00	173.00	168.00	167.00	172.00	160.00	157.00	143.00	[1]	127.00	[1]
	1997	128.00	[1]	126.00	[1]	128.00	121.00	[1]	121.00	[1]	[1]	[1]	[1]
	1998	118.00	117.00	115.00	[1]	[1]	[1]	101.00	[1]	[1]	[1]	[1]	[1]
	1999	[1]	[1]	[1]	[1]	89.00	88.00	95.00	93.00	98.00	90.00	105.00	[1]
	2000	93.80	102.00	103.00	99.00	101.00	103.00	101.00	96.00	[1]	[1]	[1]	[1]
	2001	[1]	[1]	[1]	[1]	[1]	100.00	94.00	91.00	91.00	101.00	[1]	95.00
	2002	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
	2003	[1]	[1]	[1]	[1]	[1]	117.00	113.00	110.00	[1]	126.00	[1]	[1]
	2004	[1]	[1]	[1]	[1]	[1]	115.00	118.00	[1]	[1]	[1]	[1]	[1]
BEANS, DRY EDIBLE							**$/Cwt.**						
	1995	35.40	35.10	35.40	34.60	35.00	35.70	35.20	34.40	34.40	34.00	34.60	33.80
	1996	34.10	34.60	34.30	34.70	35.30	36.20	36.30	36.90	37.20	36.10	37.70	38.70
	1997	38.90	39.60	39.50	39.40	39.60	38.70	39.10	37.80	31.10	30.00	29.70	29.60
	1998	29.10	28.60	28.10	28.60	27.80	28.60	30.40	31.20	31.20	31.30	31.90	37.80
	1999	39.40	39.80	39.40	38.90	37.60	36.20	36.20	34.50	29.30	27.60	27.20	27.60
	2000	27.10	26.80	26.70	27.00	26.40	26.60	26.00	25.80	27.20	27.10	27.20	26.60
	2001	26.90	26.90	26.60	26.80	26.80	26.30	26.30	27.00	27.20	28.60	31.50	31.20
	2002	31.80	31.60	32.70	32.20	32.30	31.90	32.40	33.40	32.50	31.70	31.60	32.60
	2003	32.50	32.60	36.30	35.00	35.40	35.70	34.20	29.60	32.00	41.10	35.20	35.60
	2004	35.00	32.50	36.30	34.80	31.10	34.50	35.80	36.30	35.80	38.70	36.80	38.40
COTTON LINT, UPLAND							**¢/Lb.**						
	1995	94.50	94.80	108.00	113.20	107.90	97.90	99.40	78.40	83.30	78.90	80.30	84.10
	1996	84.70	83.80	85.20	86.30	80.60	82.10	80.00	77.00	77.60	75.60	77.00	77.50
	1997	76.60	77.60	77.40	73.70	75.50	74.50	74.30	68.40	[1]	76.90	74.70	69.70
	1998	73.40	71.30	71.30	68.60	71.50	77.50	[1]	71.80	68.80	69.70	73.70	73.30
	1999	68.40	58.50	56.50	56.40	[1]	55.20	49.70	51.40	[1]	55.20	52.90	58.20
	2000	[1]	57.90	[1]	[1]	58.70	[1]	[1]	[1]	66.10	64.90	69.00	68.20
	2001	57.80	57.40	[1]	39.60	39.70	36.50	37.10	[1]	47.90	[1]	35.10	53.30
	2002	39.40	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	51.80	55.60	[1]
	2003	[1]	58.40	59.10	[1]	[1]	[1]	[1]	[1]	68.60	78.20	76.10	75.00
	2004	69.60	72.60	70.30	68.20	[1]	[1]	[1]	[1]	[1]	[1]	56.10	54.50
COTTONSEED							**$/Ton**						
	1995	157.00	—	—	—	—	—	—	—	—	—	132.00	131.00
	1996	—	—	—	—	—	—	—	—	—	175.00	—	174.00
	1997	189.00	—	—	—	—	—	—	—	—	171.00	175.00	177.00
	1998	—	—	—	—	—	—	—	—	—	135.00	175.00	179.00
	1999	180.00	199.00	—	—	—	—	—	—	—	149.00	141.00	135.00
	2000	116.00	137.00	—	—	—	—	—	—	—	145.00	140.00	134.00
	2001	136.00	143.00	—	—	—	—	—	—	—	146.00	141.00	145.00
	2002	132.00	137.00	—	—	—	—	—	[1]	[1]	150.00	142.00	132.00
	2003	130.00	130.00	—	—	—	—	—	[1]	[1]	184.00	158.00	153.00
	2004	[1]	150.00	—	—	—	—	—	[1]	—	162.00	144.00	155.00

Field Crop Acreage, Monthly Average Prices Received, 1995–2004 *continued*

Crop	Crop Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
HAY, ALFALFA (BALED)							**$/Ton**						
	1995	124.00	113.00	110.00	100.00	100.00	103.00	99.00	97.00	99.00	105.00	98.00	115.00
	1996	100.00	104.00	98.00	108.00	104.00	104.00	100.00	101.00	106.00	111.00	112.00	118.00
	1997	126.00	133.00	127.00	132.00	131.00	125.00	117.00	113.00	113.00	121.00	125.00	119.00
	1998	120.00	121.00	115.00	130.00	107.00	102.00	99.00	99.00	93.00	96.00	89.00	79.00
	1999	79.00	102.00	109.00	101.00	104.00	97.00	87.00	81.00	78.00	85.00	85.00	86.00
	2000	85.00	94.00	99.00	96.00	91.00	81.00	76.00	81.00	89.00	97.00	97.00	97.00
	2001	102.00	103.00	111.00	130.00	121.00	114.00	111.00	113.00	125.00	123.00	128.00	124.00
	2002	113.00	122.00	126.00	121.00	116.00	101.00	95.00	90.00	92.00	98.00	101.00	95.00
	2003	99.00	102.00	99.00	99.00	97.00	90.00	85.00	86.00	88.00	94.00	98.00	89.00
	2004	89.00	97.00	105.00	126.00	127.00	115.00	109.00	109.00	113.00	119.00	122.00	119.00
HAY, ALL (BALED)							**$/Ton**						
	1995	114.00	110.00	109.00	100.00	97.00	99.00	96.00	94.00	98.00	104.00	96.00	106.00
	1996	103.00	96.00	105.00	99.00	102.00	103.00	98.00	100.00	104.00	110.00	110.00	117.00
	1997	124.00	132.00	126.00	128.00	128.00	122.00	115.00	111.00	113.00	110.00	123.00	118.00
	1998	118.00	120.00	113.00	129.00	103.00	100.00	99.00	97.00	91.00	92.00	86.00	79.00
	1999	76.00	100.00	103.00	98.00	103.00	96.00	85.00	82.00	78.00	84.00	82.00	83.00
	2000	83.00	88.00	98.00	96.00	90.00	81.00	77.00	81.00	87.00	93.00	95.00	94.00
	2001	100.00	100.00	110.00	128.00	116.00	112.00	108.00	110.00	121.00	117.00	117.00	115.00
	2002	111.00	119.00	123.00	119.00	115.00	98.00	92.00	88.00	89.00	94.00	95.00	94.00
	2003	98.00	100.00	99.00	98.00	94.00	88.00	84.00	85.00	86.00	90.00	93.00	87.00
	2004	88.00	95.00	103.00	121.00	121 .00	112.00	109.00	107.00	110.00	115.00	117.00	114.00
POTATOES							**$/Cwt.**						
	1995	8.50	9.80	9.15	8.55	12.10	12.10	14.30	16.80	19.30	13.40	13.50	12.50
	1996	12.20	12.00	14.00	13.90	11.20	13.10	13.10	11.00	14.90	11.20	9.80	7.95
	1997	8.45	8.65	9.90	11.40	8.10	9.95	10.20	13.50	14.70	13.80	8.20	13.40
	1998	11.00	12.30	17.20	15.30	10.90	10.30	9.90	10.90	12.00	10.70	10.50	8.85
	1999	16.70	16.30	12.90	20.20	7.35	11.50	11.30	12.30	16.50	7.95	10.40	12.90
	2000	12.10	11.90	12.20	14.00	10.80	11.10	14.60	17.40	16.80	8.00	10.80	14.60
	2001	15.60	16.00	7.35	6.90	12.10	11.10	12.60	16.00	15.10	11.00	12.70	17.00
	2002	17.20	19.70	15.30	25.00	24.10	18.40	18.80	18.80	20.50	9.95	15.80	18.20
	2003	18.40	15.80	16.20	19.90	14.60	11.40	12.90	17.10	14.70	9.85	12.40	14.30
	2004	15.60	17.30	21.10	21.00	14.20	12.40	13.20	14.30	15.00	9.20	9.40	9.65
WHEAT, ALL							**$/Ton**						
	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]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
	2002	[1]	[1]	[1]	[1]	[1]	118.00	[1]	[1]	[1]	[1]	[1]	[1]
	2003	[1]	[1]	[1]	[1]	[1]	125.00	113.00	115.00	113.00	111.00	118.00	120.00
	2004	[1]	122.00	[1]	131.00	133.00	139.00	125.00	[1]	[1]	107.00	[1]	[1]

[1]*Not published due to insufficient sales or disclosure.*

Barley Acreage and Production by County, 2003–2004

County	2003				2004			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	Acres	*Acres*	*Tons*	*Tons*	*Acres*	*Acres*	*Tons*	*Tons*
Del Norte	—	—	—	—	—	—	—	—
Humboldt	—	—	—	—	—	—	—	—
Mendocino	—	—	—	—	—	—	—	—
Other Counties [1]	—	—	—	—	—	—	—	—
District 10 Total	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Shasta	—	—	—	—	—	—	—	—
Siskiyou	7,700	4,700	1.83	8,616	12,400	7,600	1.84	14,016
Trinity	—	—	—	—	—	—	—	—
Other Counties [1]	200	200	1.68	336	200	100	1.68	168
District 20 Total	**7,900**	**4,900**	**1.83**	**8,952**	**12,600**	**7,700**	**1.84**	**14,184**
Lassen	—	—	—	—	—	—	—	—
Modoc	8,700	4,000	2.44	9,768	7,000	3,900	2.25	8,784
Plumas	—	—	—	—	—	—	—	—
Other Counties [1]	500	200	2.16	432	400	200	1.92	384
District 30 Total	**9,200**	**4,200**	**2.43**	**10,200**	**7,400**	**4,100**	**2.24**	**9,168**
Alameda	—	—	—	—	800	200	1.08	216
Contra Costa	900	900	1.47	1,320	—	—	—	—
Lake	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—
Monterey	10,500	6,200	1.04	6,432	9,100	7,100	0.59	4,176
Napa	—	—	—	—	—	—	—	—
San Benito	2,700	1,000	1.15	1,152	1,600	800	0.63	504
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	21,400	14,100	1.05	14,808	20,300	12,700	0.73	9,216
San Mateo	—	—	—	—	—	—	—	—
Santa Clara	—	—	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	—	—	—	—	—	—	—	—
Other Counties [1]	1,000	300	1.52	456	300	100	0.96	96
District 40 Total	**36,500**	**22,500**	**1.07**	**24,168**	**32,100**	**20,900**	**0.68**	**14,208**
Butte	—	—	—	—	—	—	—	—
Colusa	1,000	—	—	—	500	400	1.80	720
Glenn	2,600	2,200	2.11	4,632	7,500	6,600	1.66	10,944
Sacramento	900	500	2.02	1,008	1,700	1,500	1.42	2,136
Solano	2,300	1,300	1.77	2,304	6,800	6,200	0.98	6,096
Sutter	—	—	—	—	—	—	—	—
Tehama	1,600	900	0.91	816	900	800	0.99	792
Yolo	1,100	900	1.60	1,440	1,400	1,300	1.27	1,656
Yuba	—	—	—	—	—	—	—	—
Other Counties [1]	600	400	1.44	576	300	—	—	—
District 50 Total	**10,100**	**6,200**	**1.74**	**10,776**	**19,100**	**16,800**	**1.33**	**22,344**
Fresno	7,500	5,300	2.22	11,760	8,900	6,700	1.58	10,560
Kern	8,000	5,500	1.51	8,280	6,700	3,900	1.45	5,640
Kings	2,500	500	2.11	1,056	4,800	3,900	1.62	6,312
Madera	1,700	—	—	—	2,900	2,400	1.70	4,080
Merced	4,000	3,700	1.69	6,240	4,400	3,800	1.48	5,640
San Joaquin	1,500	1,400	1.70	2,376	1,300	900	1.36	1,224
Stanislaus	900	—	—	—	500	300	1.04	312
Tulare	1,900	400	1.08	432	1,700	1,200	0.90	1,080
Other Counties [1]	—	—	—	—	—	—	—	—
District 51 Total	**28,000**	**16,800**	**1.79**	**30,144**	**31,200**	**23,100**	**1.51**	**34,848**
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	—	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
Other Counties [1]	300	—	—	—	—	—	—	—
District 60 Total	**300**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Imperial	—	—	—	—	—	—	—	—
Los Angeles	1,700	400	1.02	408	2,700	1,100	0.98	1,080
Orange	1,000	600	1.00	600	—	—	—	—
Riverside	3,000	1,900	1.47	2,784	3,500	1,000	0.96	960
San Bernardino	1,900	200	2.04	408	—	—	—	—
San Diego	—	—	—	—	—	—	—	—
Santa Barbara	—	—	—	—	900	200	1.44	288
Ventura	—	—	—	—	—	—	—	—
Other Counties [1]	400	300	2.16	648	500	100	1.20	120
District 80 Total	**8,000**	**3,400**	**1.43**	**4,848**	**7,600**	**2,400**	**1.02**	**2,448**
STATE	**100,000**	**58,000**	**1.54**	**89,088**	**110,000**	**75,000**	**1.30**	**97,200**

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

Dry Edible Bean Acreage and Production by County, 2003–2004

County	2003				2004			
	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	—	—	—	—	300	300	1,667	5,000
San Mateo	—	—	—	—	—	—	—	—
Santa Clara	—	—	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	—	—	—	—	—	—	—	—
Other Counties [1]	2,600	2,600	1,923	50,000	600	600	1,500	9,000
District 40 Total	**2,600**	**2,600**	**1,923**	**50,000**	**900**	**900**	**1,556**	**14,000**
Butte	800	800	2,000	16,000	600	600	2,167	13,000
Colusa	7,600	7,400	1,554	115,000	5,600	5,300	1,811	96,000
Glenn	3,800	3,700	1,676	62,000	3,800	3,600	1,778	64,000
Sacramento	—	—	—	—	—	—	—	—
Solano	2,700	2,700	1,704	46,000	3,700	3,500	2,029	71,000
Sutter	8,100	7,900	1,570	124,000	7,300	7,000	1,729	121,000
Tehama	—	—	—	—	700	700	1,571	11,000
Yolo	1,900	1,900	1,632	31,000	2,200	2,000	2,000	40,000
Yuba	—	—	—	—	—	—	—	—
Other Counties [1]	1,100	1,100	1,455	16,000	600	600	1,500	9,000
District 50 Total	**26,000**	**25,500**	**1,608**	**410,000**	**24,500**	**23,300**	**1,824**	**425,000**
Fresno	5,400	5,200	2,019	105,000	2,800	2,700	2,111	57,000
Kern	5,200	5,000	2,160	108,000	1,400	1,400	2,500	35,000
Kings	4,400	4,300	1,070	46,000	3,700	3,400	1,353	46,000
Madera	—	—	—	—	500	500	2,600	13,000
Merced	—	—	—	—	2,200	2,000	1,600	32,000
San Joaquin	9,400	9,100	2,011	183,000	7,800	7,400	2,216	164,000
Stanislaus	11,300	11,000	2,227	245,000	8,200	7,800	2,564	200,000
Tulare	3,500	3,400	2,706	92,000	5,000	4,800	2,979	143,000
Other Counties [1]	3,700	3,600	1,667	60,000	—	—	—	—
District 51 Total	**42,900**	**41,600**	**2,017**	**839,000**	**31,600**	**30,000**	**2,300**	**690,000**
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	—	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
District 60 Total	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Imperial	—	—	—	—	—	—	—	—
Los Angeles	—	—	—	—	—	—	—	—
Orange	—	—	—	—	800	700	1,429	10,000
Riverside	—	—	—	—	—	—	—	—
San Bernardino	—	—	—	—	—	—	—	—
San Diego	—	—	—	—	—	—	—	—
Santa Barbara	2,700	2,600	1,462	38,000	2,100	2,000	1,150	23,000
Ventura	—	—	—	—	—	—	—	—
Other Counties [1]	2,800	2,700	1,593	43,000	100	100	1,000	1,000
District 80 Total	**5,500**	**5,300**	**1,528**	**81,000**	**3,000**	**2,800**	**1,214**	**34,000**
STATE	**77,000**	**75,000**	**1,840**	**1,380,000**	**60,000**	**57,000**	**2,040**	**1,163,000**

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

Corn for Grain Acreage and Production by County, 2003-2004

County	2003				2004			
	Planted [1] Acres	Harvested Acres	Yield/Acre Tons	Production Tons	Planted [1] Acres	Harvested Acres	Yield/Acre Tons	Production Tons
Del Norte	—	—	—	—	—	—	—	—
Humboldt	600	200	5.04	1,008	1,000	300	2.33	700
Mendocino	—	—	—	—	—	—	—	—
District 10 Total	**600**	**200**	**5.04**	**1,008**	**1,000**	**300**	**2.33**	**700**
Shasta	—	—	—	—	—	—	—	—
Siskiyou	400	—	—	—	—	—	—	—
Trinity	—	—	—	—	—	—	—	—
District 20 Total	**400**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Lassen	—	—	—	—	—	—	—	—
Modoc	—	—	—	—	—	—	—	—
Plumas	—	—	—	—	—	—	—	—
District 30 Total	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Alameda	500	400	4.27	1,708	—	—	—	—
Contra Costa	5,600	4,500	4.29	19,320	6,000	5,700	4.22	24,080
Lake	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—
Monterey	—	—	—	—	—	—	—	—
Napa	—	—	—	—	—	—	—	—
San Benito	—	—	—	—	—	—	—	—
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	—	—	—	—	—	—	—	—
San Mateo	—	—	—	—	—	—	—	—
Santa Clara	—	—	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	200	—	—	—	—	—	—	—
Other Counties [2]	200	—	—	—	500	500	3.92	1,960
District 40 Total	**6,500**	**4,900**	**4.29**	**21,028**	**6,500**	**6,200**	**4.2**	**26,040**
Butte	300	200	4.9	980	800	800	5.95	4,760
Colusa	3,100	2,800	4.3	12,040	3,000	3,000	6.02	18,060
Glenn	15,500	12,500	4.95	61,880	16,400	12,000	5.7	68,432
Sacramento	31,000	22,500	3.98	89,600	32,500	29,000	4.45	128,912
Solano	7,800	6,500	4.76	30,940	11,400	10,400	5.41	56,308
Sutter	4,500	3,500	4.84	16,940	6,400	6,200	5.85	36,260
Tehama	1,400	1,000	4.62	4,620	1,500	800	5.92	4,732
Yolo	6,000	5,700	4.89	27,860	12,000	12,000	5.24	62,860
Yuba	800	400	4.9	1,960	1,000	800	5.5	4,396
District 50 Total	**70,400**	**55,100**	**4.48**	**246,820**	**85,000**	**75,000**	**5.13**	**384,720**
Fresno	28,500	3,700	4.77	17,640	31,500	3,500	5.5	19,236
Kern	40,800	700	4.76	3,332	37,000	300	5.13	1,540
Kings	45,900	8,000	5.08	40,600	49,500	3,300	5.16	17,024
Madera	20,000	2,700	3.84	10,360	20,000	2,500	4.8	12,012
Merced	81,000	11,000	3.74	41,160	76,000	10,000	4.84	48,412
San Joaquin	70,000	45,000	4.53	203,980	68,000	44,000	4.54	199,920
Stanislaus	54,000	3,600	4.86	17,500	51,000	1,000	4.76	4,760
Tulare	107,000	2,500	4.85	12,124	109,000	2,400	5.62	13,496
District 51 Total	**447,200**	**77,200**	**4.49**	**346,696**	**442,000**	**67,000**	**4.72**	**316,400**
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	400	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
Other Counties [2]	100	—	—	—	—	—	—	—
District 60 Total	**500**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Imperial	1,300	800	4.13	3,304	500	300	4.57	1,372
Los Angeles	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—
Riverside	1,400	800	4.73	3,780	1,500	—	—	—
San Bernardino	1,300	700	4.56	3,192	800	—	—	—
San Diego	—	—	—	—	—	—	—	—
Santa Barbara	400	300	4.57	1,372	—	—	—	—
Ventura	—	—	—	—	—	—	—	—
Other Counties [2]	—	—	—	—	700	200	5.04	1,008
District 80 Total	**4,400**	**2,600**	**4.48**	**11,648**	**3,500**	**500**	**4.76**	**2,380**
Other Districts [3]	—	—	—	—	2,000	1,000	4.76	4,760
STATE	**530,000**	**140,000**	**4.48**	**627,200**	**540,000**	**150,000**	**4.9**	**735,000**

[1] *Includes corn planted for all purposes.*

[2] *Includes one or more counties within a district that normally have less than 200 acres planted.*

[3] *Includes counties from one or more districts that normally have less than 200 acres planted.*

Corn for Silage Acreage and Production by County, 2003–2004

County	2003				2004			
	Planted [1]	Harvested	Yield/Acre	Production	Planted [1]	Harvested	Yield/Acre	Production
	Acres	*Acres*	*Tons*	*Tons*	*Acres*	*Acres*	*Tons*	*Tons*
Del Norte	—	—	—	—	—	—	—	—
Humboldt	600	400	23.00	9,000	1,000	700	21.40	15,000
Mendocino	—	—	—	—	—	—	—	—
District 10 Total	**600**	**400**	**23.00**	**9,000**	**1,000**	**700**	**21.40**	**15,000**
Shasta	—	—	—	—	—	—	—	—
Siskiyou	400	400	25.00	10,000	—	—	—	—
Trinity	—	—	—	—	—	—	—	—
District 20 Total	**400**	**400**	**25.00**	**10,000**	**—**	**—**	**—**	**—**
Lassen	—	—	—	—	—	—	—	—
Modoc	—	—	—	—	—	—	—	—
Plumas	—	—	—	—	—	—	—	—
District 30 Total	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Alameda	500	100	20.00	2,000	—	—	—	—
Contra Costa	5,500	500	28.00	14,000	6,000	300	20.00	6,000
Lake	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—
Monterey	—	—	—	—	—	—	—	—
Napa	—	—	—	—	—	—	—	—
San Benito	—	—	—	—	—	—	—	—
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	—	—	—	—	—	—	—	—
San Mateo	—	—	—	—	—	—	—	—
Santa Clara	—	—	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	—	—	—	—	—	—	—	—
Other Counties [2]	1,000	400	30.00	12,000	—	—	—	—
District 40 Total	**7,000**	**1,000**	**28.00**	**28,000**	**6,500**	**300**	**20.00**	**6,000**
Butte	300	—	—	—	800	—	—	—
Colusa	3,000	300	30.00	9,000	3,000	—	—	—
Glenn	15,200	2,500	29.00	72,000	16,400	3,900	25.10	98,000
Sacramento	31,000	6,000	26.00	155,000	32,500	3,400	25.00	85,000
Solano	7,800	1,000	31.00	31,000	11,400	600	25.00	15,000
Sutter	4,500	1,000	30.00	30,000	6,400	200	25.00	5,000
Tehama	1,400	300	33.00	10,000	1,500	700	30.00	21,000
Yolo	6,000	300	33.00	10,000	12,000	—	—	—
Yuba	800	600	30.00	18,000	1,000	200	30.00	6,000
District 50 Total	**70,000**	**12,000**	**28.00**	**335,000**	**85,000**	**9,000**	**25.60**	**230,000**
Fresno	28,000	23,800	24.00	575,000	31,500	27,500	24.50	674,000
Kern	40,000	39,200	24.00	950,000	37,000	36,700	24.30	893,000
Kings	45,000	35,500	25.00	900,000	49,500	46,000	25.30	1,163,000
Madera	19,000	15,800	26.00	405,000	20,000	17,500	26.10	456,000
Merced	78,000	58,600	26.00	1,530,000	76,000	64,500	25.90	1,669,000
San Joaquin	69,000	17,700	27.00	485,000	68,000	22,800	27.10	617,000
Stanislaus	52,000	46,300	29.00	1,320,000	51,000	49,500	27.80	1,375,000
Tulare	105,000	102,100	26.00	2,635,000	109,000	106,500	26.50	2,818,000
District 51 Total	**436,000**	**339,000**	**26.00**	**8,800,000**	**442,000**	**371,000**	**26.10**	**9,665,000**
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	—	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
District 60 Total	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Imperial	1,300	500	18.00	9,000	500	200	20.00	4,000
Los Angeles	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—
Riverside	1,100	400	20.00	8,000	1,500	1,500	24.70	37,000
San Bernardino	1,300	600	22.00	13,000	800	800	21.30	17,000
San Diego	—	—	—	—	—	—	—	—
Santa Barbara	400	100	20.00	2,000	—	—	—	—
Ventura	—	—	—	—	—	—	—	—
Other Counties [2]	400	100	20.00	2,000	—	—	—	—
District 80 Total	**4,500**	**1,700**	**20.00**	**34,000**	**3,500**	**3,000**	**22.70**	**68,000**
Other Districts [3]	1,500	500	28.00	14,000	2,000	1,000	26.00	26,000
STATE	**520,000**	**355,000**	**26.00**	**9,230,000**	**540,000**	**385,000**	**26.00**	**10,010,000**

[1] *Includes corn planted for all purposes.*

[2] *Includes one or more counties within a district that normally have less than 200 acres planted.*

[3] *Includes counties from one or more districts that normally have less than 200 acres planted.*

American Pima Cotton Acreage and Production by County, 2003–2004

County	2003				2004			
	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	—	—	—	—	—	—	—	—
Glenn	—	—	—	—	—	—	—	—
Sacramento	—	—	—	—	—	—	—	—
Solano	—	—	—	—	—	—	—	—
Sutter	—	—	—	—	—	—	—	—
Tehama	—	—	—	—	—	—	—	—
Yolo	—	—	—	—	—	—	—	—
Yuba	—	—	—	—	—	—	—	—
District 50 Total	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Fresno	43,300	43,000	1,379	123,500	82,900	82,500	1,543	265,200
Kern	31,700	31,500	1,182	77,600	40,600	40,400	1,536	129,300
Kings	73,500	73,000	1,092	166,100	88,400	88,000	1,530	280,500
Madera	200	200	1,200	500	—	—	—	—
Merced	600	600	1,120	1,400	1,500	1,500	1,216	3,800
San Joaquin	—	—	—	—	—	—	—	—
Stanislaus	—	—	—	—	—	—	—	—
Tulare	700	700	960	1,400	1,000	1,000	1,296	2,700
Other Counties [1]	—	—	—	—	600	600	1,200	1,500
District 51 Total	**150,000**	**149,000**	**1,194**	**370,500**	**215,000**	**214,000**	**1,532**	**683,000**
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	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
STATE	**150,000**	**149,000**	**1,194**	**370,500**	**215,000**	**214,000**	**1,532**	**683,000**

[1] *Includes one or more counties within a district that normally have less than 500 acres planted.*

Upland Cotton Acreage and Production by County, 2003–2004

County	2003				2004			
	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	4,700	4,400	1,364	12,500	4,600	4,500	1,397	13,100
Glenn	2,100	1,800	1,067	4,000	2,300	2,200	1,484	6,800
Sacramento	—	—	—	—	—	—	—	—
Solano	—	—	—	—	—	—	—	—
Sutter	1,500	1,400	1,063	3,100	1,100	1,100	1,178	2,700
Tehama	—	—	—	—	—	—	—	—
Yolo	—	—	—	—	—	—	—	—
Yuba	—	—	—	—	—	—	—	—
Other Counties [1]	100	100	960	200	—	—	—	—
District 50 Total	**8,400**	**7,700**	**1,234**	**19,800**	**8,000**	**7,800**	**1,391**	**22,600**
Fresno	188,000	187,000	1,325	516,100	165,000	164,400	1,588	544,000
Kern	91,400	91,000	1,333	252,800	99,300	98,900	1,504	309,800
Kings	94,100	93,400	1,295	252,000	99,500	99,100	1,436	296,500
Madera	18,500	18,000	1,200	45,000	18,100	17,600	1,402	51,400
Merced	70,400	70,000	1,247	181,900	71,600	71,300	1,573	233,700
San Joaquin	—	—	—	—	—	—	—	—
Stanislaus	—	—	—	—	—	—	—	—
Tulare	58,500	57,600	1,346	161,500	65,300	65,000	1,591	215,400
Other Counties [1]	200	200	960	400	200	200	1,200	500
District 51 Total	**521,100**	**517,200**	**1,308**	**1,409,700**	**519,000**	**516,500**	**1,535**	**1,651,300**
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	—	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
District 60 Total	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Imperial	6,100	5,900	1,554	19,100	12,000	11,800	1,562	38,400
Los Angeles	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—
Riverside	13,500	13,400	1,587	44,300	20,100	20,000	1,800	75,000
San Bernardino	900	800	1,260	2,100	900	900	1,440	2,700
San Diego	—	—	—	—	—			
Santa Barbara	—	—	—	—	—	—		
Ventura	—	—	—	—	—	—		
District 80 Total	**20,500**	**20,100**	**1,564**	**65,500**	**33,000**	**32,700**	**1,704**	**116,100**
STATE	**550,000**	**545,000**	**1,317**	**1,495,000**	**560,000**	**557,000**	**1,543**	**1,790,000**

[1] *Includes one or more counties within a district that normally have less than 500 acres planted.*

Oat Acreage and Production by County, 2003–2004

County	2003				2004			
	Planted Acres	Harvested Acres	Yield/Acre Tons	Production Tons	Planted Acres	Harvested Acres	Yield/Acre Tons	Production Tons
Del Norte	—	—	—	—	—	—	—	—
Humboldt	—	—	—	—	500	—	—	—
Mendocino	1,200	—	—	—	500	—	—	—
Other Counties [1]	800	—	—	—	—	—	—	—
District 10 Total	**2,000**	**—**	**—**	**—**	**1,000**	**—**	**—**	**—**
Shasta	700	—	—	—	400	—	—	—
Siskiyou	4,100	1,000	1.44	1,440	2,500	1,400	1.47	2,064
Trinity	200	—	—	—	—	—	—	—
Other Counties [1]	—	—	—	—	100	100	0.96	96
District 20 Total	**5,000**	**1,000**	**1.44**	**1,440**	**3,000**	**1,500**	**1.44**	**2,160**
Lassen	2,000	—	—	—	1,400	—	—	—
Modoc	1,800	500	1.60	800	1,200	500	1.60	800
Plumas	200	—	—	—	400	—	—	—
District 30 Total	**4,000**	**500**	**1.60**	**800**	**3,000**	**500**	**1.60**	**800**
Alameda	700	—	—	—	500	—	—	—
Contra Costa	—	—	—	—	—	—	—	—
Lake	700	300	1.39	416	—	—	—	—
Marin	1,300	300	0.96	288	600	—	—	—
Monterey	2,100	300	1.12	336	900	400	1.12	448
Napa	—	—	—	—	—	—	—	—
San Benito	3,100	1,200	1.16	1,392	2,400	1,600	1.19	1,904
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	7,800	600	0.77	464	4,400	1,300	0.89	1,152
San Mateo	400	—	—	—	600	—	—	—
Santa Clara	2,000	500	0.74	368	1,200	400	0.96	384
Santa Cruz	400	—	—	—	—	—	—	—
Sonoma	9,700	2,800	1.09	3,040	7,600	1,700	1.08	1,840
Other Counties [1]	1,800	1,000	0.90	896	800	600	0.96	576
District 40 Total	**30,000**	**7,000**	**1.03**	**7,200**	**19,000**	**6,000**	**1.05**	**6,304**
Butte	600	—	—	—	500	—	—	—
Colusa	1,700	1,100	1.09	1,200	700	400	1.44	576
Glenn	4,300	600	1.15	688	3,700	200	0.96	192
Sacramento	2,800	—	—	—	2,500	100	0.80	80
Solano	2,500	500	1.44	720	2,800	300	1.44	432
Sutter	1,500	500	1.28	640	1,100	400	1.28	512
Tehama	2,600	—	—	—	1,700	—	—	—
Yolo	9,600	1,300	1.44	1,872	6,600	400	1.44	576
Yuba	600	—	—	—	400	200	0.96	192
District 50 Total	**26,200**	**4,000**	**1.28**	**5,120**	**20,000**	**2,000**	**1.28**	**2,560**
Fresno	10,300	2,500	1.36	3,408	10,600	1,000	1.58	1,584
Kern	11,000	2,300	1.50	3,440	7,500	700	1.60	1,120
Kings	5,300	200	1.20	240	5,000	200	1.28	256
Madera	8,300	1,100	1.38	1,520	9,100	800	1.60	1,280
Merced	52,000	7,100	1.27	9,008	60,800	4,000	1.50	5,984
San Joaquin	21,000	1,800	1.47	2,640	20,000	1,500	1.54	2,304
Stanislaus	47,300	2,000	1.26	2,512	50,000	2,100	1.46	3,056
Tulare	19,400	4,000	1.47	5,872	18,000	2,200	1.70	3,744
District 51 Total	**174,600**	**21,000**	**1.36**	**28,640**	**181,000**	**12,500**	**1.55**	**19,328**
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	800	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	1,000	—	—	—	600	—	—	—
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
Other Counties [1]	2,000	—	—	—	1,600	500	1.22	608
District 60 Total	**3,000**	**—**	**—**	**—**	**3,000**	**500**	**1.22**	**608**
Imperial	6,400	900	1.07	960	4,000	1,000	1.12	1,120
Los Angeles	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—
Riverside	2,600	600	1.07	640	2,600	400	1.06	424
San Bernardino	600	—	—	—	—	—	—	—
San Diego	2,000	—	—	—	1,000	—	—	—
Santa Barbara	2,400	—	—	—	1,300	500	1.18	592
Ventura	1,100	—	—	—	800	—	—	—
Other Counties [1]	—	—	—	—	300	100	1.04	104
District 80 Total	**15,200**	**1,500**	**1.07**	**1,600**	**10,000**	**2,000**	**1.12**	**2,240**
STATE	**260,000**	**35,000**	**1.28**	**44,800**	**240,000**	**25,000**	**1.36**	**34,000**

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

Rice Acreage and Production by County, 2003–2004

County	2003				2004			
	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	87,800	87,400	7,529	6,580,000	105,800	104,500	8,813	9,210,000
Colusa	138,000	137,400	7,693	10,570,000	156,400	155,000	8,619	13,360,000
Glenn	82,500	82,100	7,976	6,548,000	90,300	89,600	8,711	7,805,000
Sacramento	8,100	8,100	7,827	634,000	9,600	9,500	9,021	857,000
Solano	—	—	—	—	—	—	—	—
Sutter	96,900	96,500	7,899	7,623,000	124,000	123,000	8,737	10,746,000
Tehama	600	600	5,667	34,000	700	700	6,000	42,000
Yolo	32,300	32,200	7,770	2,502,000	41,900	41,600	8,161	3,395,000
Yuba	35,400	35,300	7,368	2,601,000	34,300	34,100	8,349	2,847,000
District 50 Total	**481,600**	**479,600**	**7,734**	**37,092,000**	**563,000**	**558,000**	**8,649**	**48,262,000**
Fresno	5,200	5,200	6,058	315,000	4,800	4,800	7,000	336,000
Kern	—	—	—	—	—	—	—	—
Kings	—	—	—	—	—	—	—	—
Madera	—	—	—	—	—	—	—	—
Merced	4,700	4,700	8,000	376,000	4,300	4,300	8,605	370,000
San Joaquin	5,800	5,800	8,362	485,000	5,900	5,900	8,508	502,000
Stanislaus	2,300	2,300	7,826	180,000	2,300	2,300	8,609	198,000
Tulare	—	—	—	—	—	—	—	—
District 51 Total	**18,000**	**18,000**	**7,533**	**1,356,000**	**17,300**	**17,300**	**8,127**	**1,406,000**
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	9,400	9,400	6,255	588,000	14,700	14,700	7,422	1,091,000
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
District 60 Total	**9,400**	**9,400**	**6,255**	**588,000**	**14,700**	**14,700**	**7,422**	**1,091,000**
Imperial	—	—	—	—	—	—	—	—
Los Angeles	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—
Riverside	—	—	—	—	—	—	—	—
San Bernardino	—	—	—	—	—	—	—	—
San Diego	—	—	—	—	—	—	—	—
Santa Barbara	—	—	—	—	—	—	—	—
Ventura	—	—	—	—	—	—	—	—
District 80 Total	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
STATE	**509,000**	**507,000**	**7,699**	**39,036,000**	**595,000**	**590,000**	**8,603**	**50,759,000**

Sorghum Acreage and Production by County, 2003–2004

County	2003				2004			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	Acres	*Acres*	*Tons*	*Tons*	*Acres*	*Acres*	*Tons*	*Tons*
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	600	500	2.35	1,176	400	400	2.59	1,036
Glenn	—	—	—	—	—	—	—	—
Sacramento	900	600	2.38	1,428	1,300	1,100	2.44	2,688
Solano	—	—	—	—	600	600	2.85	1,708
Sutter	1,000	700	2.44	1,708	700	600	2.43	1,456
Tehama	—	—	—	—	—	—	—	—
Yolo	900	600	2.43	1,456	1,300	1,200	2.82	3,388
Yuba	—	—	—	—	—	—	—	—
Other Counties [1]	600	400	2.38	952	—	—	—	—
District 50 Total	**4,000**	**2,800**	**2.40**	**6,720**	**4,500**	**4,100**	**2.64**	**10,836**
Fresno	—	—	—	—	—	—	—	—
Kern	3,500	1,500	2.61	3,920	7,300	2,700	2.43	6,552
Kings	1,700	900	2.55	2,296	2,500	500	2.35	1,176
Madera	—	—	—	—	—	—	—	—
Merced	800	400	2.59	1,036	4,200	200	2.66	532
San Joaquin	—	—	—	—	500	400	2.52	1,008
Stanislaus	—	—	—	—	900	—	—	—
Tulare	4,500	3,000	2.57	7,700	5,800	3,300	2.46	8,120
Other Counties [1]	1,500	600	2.61	1,568	—	—	—	—
District 51 Total	**12,000**	**6,400**	**2.58**	**16,520**	**22,000**	**7,500**	**2.45**	**18,396**
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	**1,000**	**400**	**2.45**	**980**	**700**	**200**	**2.52**	**504**
Other Districts [2]	1,000	400	2.45	980	800	200	2.52	504
STATE	**18,000**	**10,000**	**2.52**	**25,200**	**28,000**	**12,000**	**2.52**	**30,240**

[1] *Includes one or more counties within a district that normally have less than 400 acres planted.*

[2] *Includes counties from one or more districts that normally have less than 400 acres planted.*

Sugar Beet Acreage and Production by County, 2003–2004

County	2003					2004				
	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	—	—	—	—	—	—	—	—	—	—
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	12,200	11,600	31.8	369,000	16.11	11,200	11,200	39.4	441,000	14.67
Kern	4,600	4,600	36.7	169,000	15.11	4,900	4,800	36.7	176,000	15.48
Kings	2,700	2,700	29.3	79,000	14.18	1,300	1,300	37.7	49,000	14.46
Madera	—	—	—	—	—	—	—	—	—	—
Merced	3,400	3,300	33.6	111,000	15.48	4,500	4,500	33.6	151,000	16.00
San Joaquin	—	—	—	—	—	—	—	—	—	—
Stanislaus	—	—	—	—	—	—	—	—	—	—
Tulare	600	600	40.0	24,000	13.52	600	600	45.0	27,000	14.02
Other Counties [1]	1,100	1,100	28.2	31,000	15.10	800	700	30.0	21,000	15.74
District 51 Total	**24,600**	**23,900**	**32.8**	**783,000**	**15.49**	**23,300**	**23,100**	**37.4**	**865,000**	**15.06**
Alpine	—	—	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—	—	—
Placer	—	—	—	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—	—	—
District 60 Total	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Imperial	26,000	26,000	45.0	1,169,000	15.63	26,100	26,000	41.0	1,065,000	16.50
Los Angeles	—	—	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—	—	—
Riverside	—	—	—	—	—	—	—	—	—	—
San Bernardino	—	—	—	—	—	—	—	—	—	—
San Diego	—	—	—	—	—	—	—	—	—	—
Santa Barbara	—	—	—	—	—	—	—	—	—	—
Ventura	—	—	—	—	—	—	—	—	—	—
District 80 Total	**26,000**	**26,000**	**45.0**	**1,169,000**	**15.63**	**26,100**	**26,000**	**41.0**	**1,065,000**	**16.50**
Other Districts [2]	200	200	35.0	7,000	15.89	—	—	—	—	—
STATE	**50,800**	**50,100**	**39.1**	**1,959,000**	**15.58**	**49,400**	**49,100**	**39.3**	**1,930,000**	**15.85**

[1] *Includes one or more counties within a district that normally have less than 300 acres planted.*

[2] *Includes counties from one or more districts that normally have less than 300 acres planted.*

All Wheat Acreage and Production by County, 2003–2004

County	2003				2004			
	Planted	Harvested	Yield/Acre	Production	Planted	Harvested	Yield/Acre	Production
	Acres	*Acres*	*Tons*	*Tons*	*Acres*	*Acres*	*Tons*	*Tons*
Del Norte	—	—	—	—	—	—	—	—
Humboldt	—	—	—	—	—	—	—	—
Mendocino	—	—	—	—	—	—	—	—
District 10 Total	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Shasta	1,000	500	2.40	1,200	1,000	500	2.70	1,350
Siskiyou	14,000	12,000	2.36	28,350	14,000	10,500	2.96	31,050
Trinity	—	—	—	—	—	—	—	—
District 20 Total	**15,000**	**12,500**	**2.36**	**29,550**	**15,000**	**11,000**	**2.95**	**32,400**
Lassen	5,000	1,500	2.06	3,090	3,500	1,500	1.34	2,010
Modoc	8,000	6,000	2.54	15,210	11,500	8,500	2.98	25,290
Plumas	—	—	—	—	—	—	—	—
District 30 Total	**13,000**	**7,500**	**2.44**	**18,300**	**15,000**	**10,000**	**2.73**	**27,300**
Alameda	1,500	1,000	1.05	1,050	1,000	500	1.20	600
Contra Costa	3,000	1,000	1.80	1,800	3,500	1,600	1.43	2,280
Lake	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—
Monterey	1,000	500	1.80	900	—	—	—	—
Napa	—	—	—	—	—	—	—	—
San Benito	2,000	1,000	1.56	1,560	2,500	1,400	1.29	1,800
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	5,000	3,000	1.20	3,600	3,000	1,900	1.31	2,490
San Mateo	—	—	—	—	—	—	—	—
Santa Clara	500	—	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—
Sonoma	1,500	1,000	1.50	1,500	—	—	—	—
Other Counties [1]	500	500	1.80	900	1,000	600	1.05	630
District 40 Total	**15,000**	**8,000**	**1.41**	**11,310**	**11,000**	**6,000**	**1.30**	**7,800**
Butte	2,000	1,000	2.19	2,190	2,000	1,000	1.50	1,500
Colusa	34,000	31,000	1.97	61,200	27,000	25,000	2.58	64,500
Glenn	16,500	12,000	1.76	21,150	7,000	5,500	2.76	15,150
Sacramento	18,000	12,000	1.75	21,000	10,000	7,500	2.40	18,000
Solano	32,500	31,000	1.71	52,860	21,000	19,800	2.55	50,490
Sutter	21,000	18,000	1.81	32,490	13,000	12,000	1.99	23,820
Tehama	3,000	1,000	1.62	1,620	1,500	800	1.99	1,590
Yolo	57,000	56,000	1.89	105,720	45,000	42,000	2.45	102,750
Yuba	1,000	1,000	1.62	1,620	500	400	2.63	1,050
District 50 Total	**185,000**	**163,000**	**1.84**	**299,850**	**127,000**	**114,000**	**2.45**	**278,850**
Fresno	94,000	62,000	2.49	154,500	70,000	51,000	2.99	152,250
Kern	94,000	50,000	1.60	80,010	57,000	33,000	2.52	83,100
Kings	114,000	67,000	2.11	141,150	96,000	56,000	2.84	159,000
Madera	24,000	11,000	1.92	21,090	23,000	7,000	2.08	14,550
Merced	48,000	16,000	2.01	32,160	29,000	10,000	2.43	24,300
San Joaquin	40,000	24,000	2.01	48,210	36,000	23,000	2.44	56,040
Stanislaus	12,000	3,000	1.63	4,890	7,000	2,000	2.43	4,860
Tulare	122,000	27,000	1.95	52,770	104,000	25,000	2.76	69,000
District 51 Total	**548,000**	**260,000**	**2.06**	**534,780**	**422,000**	**207,000**	**2.72**	**563,100**
Alpine	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—
Inyo	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
Placer	4,000	4,000	1.73	6,900	2,500	1,900	1.22	2,310
Sierra	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—
Other Counties [1]	—	—	—	—	500	100	0.90	90
District 60 Total	**4,000**	**4,000**	**1.73**	**6,900**	**3,000**	**2,000**	**1.20**	**2,400**
Imperial	53,000	51,500	3.04	156,360	53,000	47,000	2.55	120,000
Los Angeles	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—
Riverside	35,000	17,000	2.12	36,000	33,000	22,500	2.35	52,890
San Bernardino	—	—	—	—	—	—	—	—
San Diego	1,500	1,000	1.50	1,500	—	—	—	—
Santa Barbara	500	500	1.50	750	—	—	—	—
Ventura	—	—	—	—	—	—	—	—
Other Counties [1]	—	—	—	—	1,000	500	2.52	1,260
District 80 Total	**90,000**	**70,000**	**2.78**	**194,610**	**87,000**	**70,000**	**2.49**	**174,150**
STATE	**870,000**	**525,000**	**2.09**	**1,095,300**	**680,000**	**420,000**	**2.59**	**1,086,000**

[1] *Includes one or more counties within a district that normally have less than 500 acres planted.*

Poinsettia, orchids and florist mums led flowering plant sales growth.

Floriculture

Total value of floriculture sales in the United States was $5.18 billion for 2004. California leads the country in sales with $1.02 billion. The Golden State was the only one producing more than $1 billion in sales; the next largest producer was Florida with $825.7 million. Despite fierce competition from imported cut flowers, domestic growers of cut flowers reaped $786,000 worth of sales on average in 2004. The next highest were bedding/garden plant producers, earning an average of $591,300 according to the USDA's Economic Research Service. Sales per grower for the six floral crop groups were all record amounts in 2004, an indication that the average size of operations was larger.

Cut flower imports rose 16 percent in value in 2004, in part due to higher prices. The import share of U.S. consumption of cut flowers is now a record 64 percent, up from 61 percent from 2003. Imported cut flowers from Columbia grew in value by 21 percent in 2004. Imports from the second largest source, Ecuador, were up 27 percent. Imports are largely responsible for the decline in domestic cut flower production.

Grower sales of cut fresh flowers were down with the drop attributed to fewer sales of roses and gladioli. Among the major cut flower states, sales in California, Florida and Hawaii were all lower in 2004.

Total U.S. supply of cut flowers was up 9 percent in value as imports more than made up for the decline in domestic production. Per household consumption of cut flowers reached $10 for 2004. Of the total, $6.40 was paid to foreign producers and $3.60 went to domestic producers.

Poinsettia, orchids and florist mums led flowering plant sales growth. Producers in California, Florida, New York and Texas benefitted from this growth. For foliage plants, the largest producing state, Florida, suffered from the effects of hurricanes. While poinsettia sales fell in California, sales from North Carolina, Florida and New York all increased.

California cut flower sales totaled $303.6 million, approximately 72 percent of the U.S. total. Golden State sales of potted flowering plants at $192.2 million were more than twice that of runner-up Florida at $92.6 million and approximately 24 percent of the U.S. total.

Floriculture Production and Value, 2003 [1]

Kind	Number of Producers	Sales			Wholesale Price [2]	Value of Sales at Wholesale
		Unit	Number Sold	Wholesale		
			1,000	*Percent*	*Dollars*	*$1,000*
CUT FLOWERS						**304,152**
Alstroemeria	33	Stems	9,649	97	0.18	1,756
Carnations, Standard	17	Stems	11,789	100	0.17	1,945
Chrysanthemums, Pompon	29	Bunches	13,267	100	1.28	16,982
Delphinium and Larkspur	58	Stems	36,993	100	0.23	8,397
Gerbera Daisy	32	Stems	92,097	100	0.19	26,984
Iris	45	Stems	73,550	100	0.23	16,769
Lilies, All	55	Stems	98,695	99	0.63	61,684
Lisianthus	37	Stems	13,391	100	0.44	5,932
Orchids, All	14	Blooms	5,357	98	0.72	3,857
Roses, All	36	Stems	96,465	97	0.35	33,473
Snapdragons	54	Spikes	44,351	99	0.24	10,822
Tulips	32	Stems	46,604	99	0.37	17,197
Other Cut Flowers	147	—	—	88	—	98,354
POTTED FLOWERING PLANTS [3]						**188,289**
African Violets	18	Pots	1,484	100	1.36	2,020
Azaleas, Finished Florist	24	Pots	671	99	5.75	3,856
Chrysanthemums, Florist	18	Pots	2,612	100	2.34	6,125
Lilies, Easter	28	Pots	1,233	97	4.12	5,074
Orchids	51	Pots	5,290	98	9.26	49,014
Poinsettias	91	Pots	7,629	94	4.19	31,943
Roses, Florist	23	Pots	3,895	98	2.59	10,104
Spring Flowering Bulbs	31	Pots	2,668	100	2.77	7,396
Other Potted Flowering Plants	88	Pots	22,895	99	3.18	72,757
FOLIAGE PLANTS FOR INDOOR OR PATIO USE						**102,532**
Hanging Baskets	65	Baskets	4,547	100	3.24	14,732
Potted Foliage	107	—	—	98	—	87,800
ANNUAL BEDDING/GARDEN PLANTS						**256,229**
Flats						
Begonias	57	Flats	440	97	9.06	3,986
Geraniums, Cutting	19	Flats	276	99	8.90	2,456
Geraniums, Seed	10	Flats	45	100	10.32	464
Impatiens	68	Flats	1,698	99	9.44	16,029
Impatiens, New Guinea	12	Flats	111	100	11.22	1,245
Marigolds	65	Flats	1,041	99	10.24	10,660
Pansy/Viola	67	Flats	1,912	99	9.86	18,852
Petunias	69	Flats	1,629	99	9.58	15,606
Other Flowering and Foliar	67	Flats	7,754	99	10.25	79,627
Vegetable Type	48	Flats	1,110	99	10.45	11,600
Potted [3]						
Begonias	45	Pots	2,263	80	1.21	2,238
Geraniums, Cutting	53	Pots	7,466	99	1.58	11,827
Geraniums, Seed	18	Pots	226	99	1.25	283
Impatiens	50	Pots	5,844	88	0.94	5,504
Impatiens, New Guinea	44	Pots	1,464	99	1.68	2,462
Marigolds	39	Pots	1,866	94	0.70	1,297
Pansy/Viola	37	Pots	4,462	94	0.72	3,231
Petunias	38	Pots	3,276	96	0.75	2,463
Other Flowering and Foliar	62	Pots	36,147	97	1.40	50,709
Vegetable Type	44	Pots	7,229	96	0.93	6,703

Floriculture Production and Value, 2003 [1] *continued*

Kind	Number of Producers	Sales			Wholesale Price [2]	Value of Sales at Wholesale
		Unit	Number Sold	Wholesale		
			1,000	*Percent*	*Dollars*	*$1,000*
Hanging Baskets						
Begonias	18	Baskets	33	96	7.58	250
Geraniums, Cutting	24	Baskets	206	99	6.59	1,358
Geraniums, Seed	4	Baskets	4	89	8.08	32
Impatiens	20	Baskets	73	93	6.20	453
Impatiens, New Guinea	21	Baskets	86	99	6.58	566
Petunias	20	Baskets	38	96	6.08	231
Other Flowering	33	Baskets	764	99	7.98	6,097
Herbaceous Perennials [3]						
Chrysanthemums, Hardy/Garden	46	Pots	4,709	100	1.36	6,398
Hosta	22	Pots	142	97	3.67	520
Other	90	Pots	25,655	97	2.11	54,062
TOTAL CUT CULTIVATED GREENS [4]	**32**	**—**	**—**	**98**	**—**	**12,124**
PROPAGATIVE (UNFINISHED)						**73,090**
Cut Flowers	—	—	—	—	—	6,146
Potted Flowering Plants	—	—	—	—	—	12,785
Bedding/Garden Plants	—	—	—	—	—	40,398
Herbaceous Perennial Plants	—	—	—	—	—	3,239
Foliage Plants	—	—	—	—	—	10,522
TOTAL ALL PLANTS	**—**	**—**	**—**	**—**	**—**	**997,396**

[1]The total covered growing area of 127,079,000 square feet consisted of the following: 26,258,000 square feet of shade and temporary cover; 14,291,000 square feet of glass; 29,301,000 square feet of fiberglass and other rigid greenhouses; 57,229,000 square feet of film plastic (single/multi) greenhouses; and 9,648 acres of 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, 2004 [1]

Kind	Number of Producers	Sales			Wholesale Price [2]	Value of Sales at Wholesale
		Unit	Number Sold	Wholesale		
			1,000	*Percent*	*Dollars*	*$1,000*
CUT FLOWERS						**303,562**
Alstroemeria	31	Stems	9,627	98	0.19	1,829
Carnations, Standard	14	Stems	7,965	81	0.17	1,330
Chrysanthemums, Pompon	31	Bunches	14,161	99	1.31	18,551
Delphinium and Larkspur	54	Stems	34,934	100	0.24	8,489
Gerbera Daisy	29	Stems	98,572	98	0.30	29,473
Iris	38	Stems	77,048	100	0.24	18,492
Lilies, All	48	Stems	104,058	100	0.64	67,117
Lisianthus	34	Stems	11,819	99	0.46	5,437
Orchids, All	11	Blooms	5,346	99	0.71	3,785
Roses, All	34	Stems	80,855	98	0.37	29,755
Snapdragons	49	Spikes	40,564	99	0.26	10,344
Tulips	34	Stems	53,305	100	0.41	21,908
Other Cut Flowers	146	—	—	99	—	87,052
POTTED FLOWERING PLANTS [3]						**192,214**
African Violets	19	Pots	1,558	100	1.39	2,164
Azaleas, Finished Florist	28	Pots	937	99	5.75	5,387
Chrysanthemums, Florist	26	Pots	6,612	100	1.89	12,503
Lilies, Easter	28	Pots	1,546	89	3.99	6,164
Orchids	41	Pots	6,569	97	7.55	49,597
Poinsettias	84	Pots	7,464	94	4.24	31,645
Roses, Florist	21	Pots	3,339	100	2.70	9,005
Spring Flowering Bulbs	34	Pots	2,542	100	2.70	6,875
Other Potted Flowering Plants	81	Pots	22,169	97	3.11	68,874
FOLIAGE PLANTS FOR INDOOR OR PATIO USE						**96,607**
Hanging Baskets	59	Baskets	4,286	100	3.43	14,701
Potted Foliage	96	—	—	98	—	81,906
ANNUAL BEDDING/GARDEN PLANTS						**254,145**
Flats						
Begonias	49	Flats	313	95	9.38	2,936
Geraniums, Cutting	18	Flats	161	93	9.34	1,504
Geraniums, Seed	15	Flats	67	98	10.40	697
Impatiens	65	Flats	1,537	99	9.18	14,110
Impatiens, New Guinea	16	Flats	99	84	10.37	1,027
Marigolds	61	Flats	1,129	98	10.13	11,437
Pansy/Viola	67	Flats	1,805	98	9.90	17,870
Petunias	66	Flats	1,632	98	9.96	16,255
Other Flowering and Foliar	69	Flats	7,722	99	10.60	81,861
Vegetable Type	46	Flats	1,104	99	9.82	10,841
Potted [3]						
Begonias	51	Pots	2,374	78	1.00	2,382
Geraniums, Cutting	51	Pots	6,765	99	1.67	11,296
Geraniums, Seed	19	Pots	467	100	1.37	642
Impatiens	51	Pots	5,916	91	0.99	5,843
Impatiens, New Guinea	46	Pots	1,356	99	1.74	2,355
Marigolds	38	Pots	1,951	95	0.83	1,616
Pansy/Viola	40	Pots	4,168	94	0.77	3,199
Petunias	40	Pots	3,449	94	0.90	3,097
Other Flowering and Foliar	62	Pots	35,065	98	1.35	47,394
Vegetable Type	40	Pots	7,194	99	1.09	7,878

Floriculture Production and Value, 2004 [1] *continued*

Kind	Number of Producers	Sales			Wholesale Price [2]	Value of Sales at Wholesale
		Unit	Number Sold	Wholesale		
			1,000	*Percent*	*Dollars*	*$1,000*
Hanging Baskets						
Begonias	22	Baskets	38	91	7.76	295
Geraniums, Cutting	31	Baskets	416	99	6.76	2,812
Geraniums, Seed	3	Baskets	5	58	8.56	43
Impatiens	19	Baskets	65	98	6.15	400
Impatiens, New Guinea	22	Baskets	64	98	6.73	431
Petunias	16	Baskets	42	97	5.68	239
Other Flowering	32	Baskets	726	99	7.83	5,685
Herbaceous Perennials [3]						
Chrysanthemums, Hardy/Garden	45	Pots	6,851	100	1.12	7,681
Hosta	25	Pots	139	92	3.57	496
Other	100	Pots	30,357	98	2.08	63,232
TOTAL CUT CULTIVATED GREENS [4]	**40**	**—**	**—**	**99**	**—**	**9,260**
PROPAGATIVE (UNFINISHED)						**74,685**
Cut Flowers	—	—	—	—	—	6,435
Potted Flowering Plants	—	—	—	—	—	10,899
Bedding/Garden Plants	—	—	—	—	—	44,874
Herbaceous Perennial Plants	—	—	—	—	—	2,830
Foliage Plants	—	—	—	—	—	—
TOTAL ALL PLANTS	**—**	**—**	**—**	**—**	**—**	**1,001,882**

[1]The total covered growing area of 127,079,000 square feet consisted of the following: 26,258,000 square feet of shade and temporary cover; 14,291,000 square feet of glass; 29,301,000 square feet of fiberglass and other rigid greenhouses; 57,229,000 square feet of film plastic (single/multi) greenhouses; and 9,648 acres of 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 38 percent of the national fruit and nut production and 65 percent of the national value of fruit and nut crops. In 2004, the state produced 13.3 million tons of fruit and nuts, 8 percent less than 2003. The state's total production value in 2004 was $9.56 billion, up 18 percent from 2003.

Grapes continue to be the top-valued fruit and nut crop with $2.76 billion, increasing 19 percent from the previous year. Crops with record production in 2004 were strawberries, raspberries and pistachios. California accounted for nearly all the national production of almonds, dates, figs, raisins, kiwifruit, nectarines, olives, Clingstone peaches, pistachios, dried plums and walnuts.

Significant Increases in Production:

Avocados 29%
Boysenberries..... 67%
Cherries, Sweet..... 11%
Peaches, Freestone 6%
Pistachios..... 192%
Raspberries 8%

Notable Decreases in Production:

Apples 13%
Dates 8%
Grapes, Raisin 9%
Olives 12%
Plums 25%
Prunes (Dried Basis) 73%

The year started out with heavy rain, but by March was unusually warm. The warm temperatures in March were just the beginning of a spring heat wave that resulted in lower production and fruit size in many crops. Some blooming began as much as two weeks ahead of schedule because of the abnormally warm weather.

Stone fruit harvesting began in early May, but slowed toward the end of the month as temperatures dropped to below normal. In June, the weather was back to normal, although cool mornings in the north delayed the peach harvest by about a week. Grape development was ahead of schedule and hull split began to show in some almond orchards. The rest of the summer was hot and dry, with temperatures reaching the 100s in some areas. Almond, raisin grape, wine grape and pomegranate harvesting began, as table grape, stone fruit, lemon and grapefruit harvesting continued.

The fall started out warm and dry. October brought heavy rain and wind across the state, resulting in some tree loss. The raisin crop experienced rain damage and pomegranate and Navel orange crops had fruit split. The rain also delayed nut and citrus harvesting. The year ended cold, with light rain across the state.

The per capita nut consumption in the U.S. for 2003 was 2.93 pounds, representing a 2 percent increase from 2002. Almond per capita consumption increased by 5 percent in 2003, from .83 pounds to .87 pounds, while walnuts increased 6 percent, from .47 pounds to .50 pounds. Pistachios, however, experienced a 10 percent decrease in per capita consumption, down to 0.19 pounds per person for 2003.

Per capita citrus consumption increased by 3 percent in 2003, to 23.9 pounds per person. Per capita orange consumption was only fractionally larger in 2003, but went up for lemons by more than 73 percent to 1.9 pounds.

Grape consumption went down by 8 percent in 2003, from 8.4 pounds per person to 7.7. Strawberry consumption increased 7 percent while the peach and nectarine per capita consumption was unchanged. Avocado consumption went from 2.3 pounds per person to 2.6 in 2003, a 13 percent increase.

Berry Acreage, Production and Value, 1995–2004

Crop	Crop Year	Harvested	Yield Per Acre	Production	Value Per Unit [1]	Total Value
		Acres	*Cwt.*	*Cwt.*	*$/Cwt.*	*$1,000*
BOYSENBERRIES	1995	270	67	18,000	95.00	1,710
	1996	270	89	24,000	93.70	2,248
	1997	270	91	25,000	66.70	1,642
	1998	250	70	18,000	79.20	1,386
	1999	300	93	28,000	82.40	2,308
	2000	260	96	25,000	82.40	2,061
	2001	230	83	19,000	81.60	1,550
	2002	210	81	17,000	81.60	1,388
	2003	200	60	12,000	89.10	1,069
	2004	200	100	20,000	120.00	2,400
RASPBERRIES	1995	1,900	81	153,000	152.00	23,325
	1996	1,800	83	149,000	171.00	25,520
	1997	1,700	85	145,000	139.00	20,225
	1998	1,700	87	148,000	192.00	28,470
	1999	1,800	116	208,000	147.00	30,604
	2000	2,000	113	226,000	190.00	42,940
	2001	2,300	109	250,000	166.00	41,500
	2002	2,400	122	292,000	140.00	40,851
	2003	3,000	205	615,000	208.00	127,920
	2004	3,200	208	665,000	209.00	138,985
STRAWBERRIES, FRESH MARKET	1995	—	—	9,048,000	57.40	519,355
	1996	—	—	9,989,000	52.50	524,423
	1997	—	—	9,618,000	61.40	590,545
	1998	—	—	9,086,000	68.70	624,208
	1999	—	—	10,603,000	72.50	768,718
	2000	—	—	11,518,000	61.40	707,205
	2001	—	—	10,338,000	70.60	729,863
	2002	—	—	11,779,000	67.40	793,905
	2003	—	—	14,377,000	72.80	1,046,646
	2004	—	—	14,830,000	74.20	1,100,386
STRAWBERRIES, PROCESSING	1995	—	—	3,932,000	23.40	92,003
	1996	—	—	3,619,000	16.70	60,437
	1997	—	—	3,716,000	25.80	95,873
	1998	—	—	4,466,000	29.70	132,640
	1999	—	—	4,748,000	31.20	148,138
	2000	—	—	4,214,000	22.10	93,129
	2001	—	—	3,390,000	28.50	96,615
	2002	—	—	4,318,000	31.90	137,744
	2003	—	—	4,715,000	26.70	125,891
	2004	—	—	4,758,000	24.20	118,474
STRAWBERRIES, ALL	1995	23,600	550	12,980,000	47.10	611,358
	1996	25,200	540	13,608,000	43.00	584,860
	1997	22,600	590	13,334,000	51.50	686,418
	1998	24,200	560	13,552,000	55.80	756,848
	1999	25,800	595	15,351,000	59.70	916,856
	2000	27,600	570	15,732,000	50.90	800,334
	2001	26,400	520	13,728,000	60.20	826,478
	2002	28,500	565	16,097,000	57.90	931,649
	2003	29,600	645	19,092,000	61.40	1,172,537
	2004	33,200	590	19,588,000	62.20	1,218,860

[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 for Fresh Market Sales, 1995–2004[1]

Crop Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Season Average
	$/Cwt.												
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	—	72.50
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
2002	185.00	133.00	96.70	60.00	63.40	57.30	53.10	82.60	58.40	68.40	108.00	—	67.40
2003	105.00	92.70	71.30	69.50	64.20	58.20	66.60	68.10	86.80	100.00	165.00	—	72.80
2004	150.00	141.00	68.40	52.40	64.50	66.30	59.50	76.90	99.10	100.00	190.00	182.00	74.20

[1]*Prices are f.o.b. shipping point.*

Citrus Acreage, Production and Value, 1995–2004

Crop	Crop Year	Bearing	Non-Bearing [1]	Yield Per Acre	Production	Value Per Unit [2]	Total Value
		Acres	*Acres*	*Cartons*	*Cartons*	*$/Carton*	*$1,000*
GRAPEFRUIT, ALL	94-95	18,400	—	1,010	18,600,000	2.82	52,420
(Net weight per carton: 33.5 pounds)	95-96	18,800	—	862	16,200,000	3.29	53,277
	96-97	18,000	—	912	16,400,000	3.21	52,679
	97-98	16,800	1,800	952	16,000,000	4.21	67,330
	98-99	16,600	—	880	14,600,000	5.37	78,309
	99-00	16,600	—	868	14,400,000	4.09	58,798
	00-01	15,400	—	818	12,600,000	4.39	55,242
	01-02	14,000	161	842	11,800,000	4.03	47,485
	02-03	13,000	—	862	11,200,000	5.77	64,596
	03-04	12,500	391	928	11,600,000	6.05	70,191
LEMONS	94-95	45,700	—	876	40,000,000	5.66	226,120
(Net weight per carton: 38 pounds)	95-96	46,400	—	906	42,000,000	5.20	218,544
	96-97	47,400	—	954	45,200,000	6.07	274,125
	97-98	48,700	6,500	862	42,000,000	5.16	216,659
	98-99	49,000	—	662	32,400,000	6.39	207,098
	99-00	49,500	—	768	38,000,000	6.68	253,876
	00-01	50,500	—	896	45,200,000	4.71	212,725
	01-02	51,000	2,430	718	36,600,000	7.84	287,026
	02-03	47,000	—	1,022	48,000,000	5.46	262,040
	03-04	45,000	3,358	800	36,000,000	6.69	240,640
ORANGES, NAVEL AND MISC.	94-95	118,000	—	594	70,000,000	3.91	273,750
(Net weight per carton: 37.5 pounds)	95-96	121,000	—	628	76,000,000	3.68	279,300
	96-97	124,000	—	646	80,000,000	4.68	373,890
	97-98	129,000	8,300	682	88,000,000	4.42	388,870
	98-99	130,000	—	324	42,000,000	5.23	219,640
	99-00	128,000	—	626	80,000,000	3.28	262,160
	00-01	130,000	—	546	71,000,000	4.99	354,320
	01-02	130,000	7,499	492	64,000,000	6.44	412,305
	02-03	129,500	—	649	84,000,000	3.99	335,040
	03-04	130,000	9,243	608	79,000,000	5.33	421,174
ORANGES, VALENCIA	94-95	73,000	—	576	42,000,000	4.74	199,042
(Net weight per carton: 37.5 pounds)	95-96	75,000	—	533	40,000,000	5.26	210,190
	96-97	76,000	—	632	48,000,000	4.39	210,370
	97-98	73,200	4,800	684	50,000,000	4.52	225,740
	98-99	73,500	—	408	30,000,000	6.14	184,210
	99-00	71,000	—	676	48,000,000	1.74	83,494
	00-01	68,000	—	558	38,000,000	4.22	160,140
	01-02	65,000	1,080	600	39,000,000	3.76	146,538
	02-03	60,000	—	667	40,000,000	3.27	130,672
	03-04	52,000	443	423	22,000,000	6.48	142,444
ORANGES, ALL	94-95	191,000	—	586	112,000,000	4.22	472,792
(Net weight per carton: 37.5 pounds)	95-96	196,000	—	592	116,000,000	4.22	489,490
	96-97	200,000	—	640	128,000,000	4.57	584,260
	97-98	202,200	13,100	682	138,000,000	4.46	614,610
	98-99	203,500	—	354	72,000,000	5.61	403,850
	99-00	199,000	—	644	128,000,000	2.70	345,654
	00-01	198,000	—	550	109,000,000	4.72	514,460
	01-02	195,000	8,579	528	103,000,000	5.43	558,843
	02-03	189,500	—	654	124,000,000	3.76	465,712
	03-04	182,000	9,686	555	101,000,000	5.58	563,618
TANGERINES INCLUDING MANDARINS AND HYBRIDS, TANGELOS AND TANGORS	94-95	8,600	—	582	5,000,000	7.09	35,452
(Net weight per carton: 37.5 pounds)	95-96	8,800	—	590	5,200,000	5.42	28,184
	96-97	8,700	—	598	5,200,000	7.56	39,298
	97-98	8,800	1,900	546	4,800,000	5.74	27,530
	98-99	8,600	—	348	3,000,000	7.34	22,023
	99-00	8,800	—	568	5,000,000	5.55	27,759
	00-01	9,000	—	488	4,400,000	7.08	31,137
	01-02	9,500	2,794	464	4,400,000	8.83	38,821
	02-03	9,700	—	577	5,600,000	7.90	44,202
	03-04	10,500	7,691	419	4,400,000	8.34	36,697

[1] *Non-bearing shown only in year when acreage surveys were conducted.*

[2] *Equivalent packinghouse door returns.*

Citrus Sales by Utilization and Value Per Carton, 1995–2004

Crop	Crop Year	All Sales		Fresh Market		Processing	
		Quantity	Value [1]	Quantity	Value [1]	Quantity	Value [1]
		1,000 Cartons	*$/Carton*	*1,000 Cartons*	*$/Carton*	*1,000 Cartons*	*$/Carton*
GRAPEFRUIT, ALL [2]	94-95	18,600	2.82	11,820	4.56	6,780	(0.22)
(Net weight per carton: 33.5 pounds)	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)
	01-02	11,800	4.03	10,200	4.68	1,600	(0.13)
	02-03	11,200	5.77	9,800	6.61	1,400	(0.13)
	03-04	11,600	6.05	10,200	6.90	1,400	(0.14)
LEMONS	94-95	40,000	5.66	21,800	9.93	18,200	0.53
(Net weight per carton: 38 pounds)	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	0.38
	99-00	38,000	6.68	23,200	10.49	14,800	0.71
	00-01	45,200	4.70	23,020	9.00	22,180	0.25
	01-02	36,600	7.84	25,040	11.41	11,560	0.13
	02-03	48,000	5.46	26,200	9.91	21,800	0.11
	03-04	36,000	6.69	24,400	9.81	11,600	0.11
ORANGES, NAVEL AND MISC.	94-95	70,000	3.91	53,000	5.21	17,000	(0.14)
(Net weight per carton: 37.5 pounds)	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)
	01-02	64,000	6.44	55,800	7.40	8,200	(0.08)
	02-03	84,000	3.99	68,000	4.88	16,000	0.20
	03-04	79,000	5.33	68,600	6.11	10,400	0.20
ORANGES, VALENCIA	94-95	42,000	4.74	35,200	5.70	6,800	(0.24)
(Net weight per carton: 37.5 pounds)	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
	01-02	39,000	3.76	32,700	4.41	6,300	0.37
	02-03	40,000	3.27	31,600	4.09	8,400	0.17
	03-04	22,000	6.48	20,400	6.97	1,600	0.16
ORANGES, ALL	94-95	112,000	4.22	88,200	5.41	23,800	(0.17)
(Net weight per carton: 37.5 pounds)	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
	01-02	103,000	5.43	88,500	6.30	14,500	0.12
	02-03	124,000	3.76	99,600	4.63	24,400	0.19
	03-04	101,000	5.58	89,000	6.31	12,000	0.19
TANGERINES INCLUDING MANDARINS AND HYBRIDS, TANGELOS AND TANGORS	94-95	5,000	7.09	3,400	10.50	1,600	(0.16)
(Net weight per carton: 37.5 pounds)	95-96	5,200	5.42	3,600	7.90	1,600	(0.16)
	96-97	5,200	7.56	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)
	01-02	4,400	8.83	3,940	9.81	460	0.37
	02-03	5,600	7.90	4,900	8.99	700	0.22
	03-04	4,400	8.34	3,878	9.44	522	0.17

[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 Monthly and Season Average Prices, 1995–2004

Crop	Crop Year	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Season Average
		$/Carton												
GRAPEFRUIT, ALL														
Fresh Sales	94-95	5.08	3.60	3.79	2.83	2.92	3.05	3.62	4.88	5.45	5.48	4.78	5.98	4.56
	95-96	7.28	4.93	4.18	3.63	3.23	3.38	4.88	3.98	3.33	5.63	7.08	7.08	4.48
	96-97	6.83	6.38	5.28	4.13	3.48	3.43	3.73	4.58	4.63	4.23	4.23	3.33	4.38
	97-98	3.48	4.73	4.63	3.58	3.88	4.38	5.13	5.58	6.23	7.23	9.22	9.22	6.13
	98-99	7.91	7.36	7.56	5.66	4.51	4.16	6.21	7.36	6.46	4.66	3.16	4.81	5.91
	99-00	6.90	6.50	6.25	5.25	4.35	3.45	4.05	5.10	4.65	4.50	4.70	5.40	4.80
	00-01	5.99	5.79	5.69	4.74	4.89	4.54	5.79	5.44	4.94	4.69	5.09	4.84	5.14
	01-02	5.38	5.53	5.38	5.08	2.98	3.53	4.68	4.98	5.03	4.88	4.18	4.43	4.68
	02-03	7.26	7.21	5.91	5.21	3.81	5.26	6.96	7.81	6.56	6.01	9.06	7.41	6.61
	03-04	6.85	6.15	6.25	5.55	4.00	5.15	6.70	6.75	6.35	6.55	9.80	8.05	6.90
Processing	94-95	(0.20)	(0.22)	(0.22)	(0.22)	(0.22)	(0.21)	(0.19)	(0.22)	(0.22)	(0.22)	(0.22)	(0.22)	(0.22)
	95-96	(0.11)	(0.11)	(0.11)	(0.11)	(0.11)	(0.11)	(0.11)	(0.11)	(0.11)	(0.11)	(0.14)	(0.14)	(0.12)
	96-97	(0.13)	(0.13)	0.09	0.10	(0.10)	(0.18)	(0.15)	(0.09)	(0.07)	0.01	(0.12)	(0.20)	(0.10)
	97-98	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.15)	(0.15)	(0.13)
	98-99	(0.08)	(0.16)	(0.05)	(0.08)	(0.16)	(0.16)	(0.10)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.07)
	99-00	(0.33)	(0.33)	(0.33)	(0.33)	(0.33)	(0.33)	(0.33)	(0.33)	(0.33)	(0.33)	(0.33)	(0.33)	(0.33)
	00-01	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)
	01-02	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
	02-03	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
	03-04	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)
All Sales	94-95	3.95	3.15	3.44	1.88	1.72	2.05	1.87	2.85	2.59	3.83	3.25	5.08	2.82
	95-96	6.07	4.65	3.23	2.96	2.29	2.21	3.66	3.24	2.52	3.16	4.98	6.00	3.29
	96-97	6.40	5.70	4.36	3.18	2.28	2.11	1.98	3.37	4.37	2.88	2.75	1.85	3.21
	97-98	2.96	4.12	4.05	2.79	2.66	2.58	2.62	3.31	4.34	5.43	7.78	7.96	4.21
	98-99	6.90	6.52	6.64	4.63	3.79	2.97	6.06	7.04	5.97	4.14	2.90	3.62	5.37
	99-00	5.93	6.01	5.62	4.85	4.19	3.31	3.57	4.37	3.87	3.40	4.17	4.53	4.09
	00-01	5.05	5.30	5.06	4.33	4.69	4.35	5.09	4.68	4.14	3.58	4.53	4.07	4.39
	01-02	4.54	5.17	4.83	4.83	2.89	3.41	4.12	4.29	4.25	3.75	3.73	3.74	4.03
	02-03	6.11	6.69	5.35	4.95	3.67	5.10	6.13	6.74	5.55	4.65	8.06	6.22	5.77
	03-04	5.82	5.75	5.66	5.38	3.77	5.00	5.91	5.83	5.43	5.17	8.89	6.85	6.05

Crop	Crop Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Season Average
		$/Carton												
ORANGES, NAVEL AND MISC.														
Fresh Sales	94-95	6.06	6.26	5.46	5.26	4.81	4.46	5.66	5.11	—	—	—	—	5.21
	95-96	—	6.99	4.54	4.24	3.79	5.04	5.84	7.79	—	—	—	—	4.89
	96-97	10.29	6.24	5.19	5.09	4.69	4.79	5.69	7.94	—	—	—	—	5.39
	97-98	6.24	5.34	4.99	4.44	4.44	4.99	6.69	7.14	8.14	—	—	—	5.29
	98-99	—	7.71	7.31	11.41	10.56	10.31	13.81	13.36	—	—	—	—	9.41
	99-00	—	6.94	4.74	4.29	3.69	3.64	3.49	4.24	6.39	—	—	—	4.24
	00-01	6.97	5.52	4.97	4.77	5.02	6.32	7.62	8.67	9.42	—	—	—	5.82
	01-02	—	9.70	8.10	7.55	6.90	6.45	7.25	8.55	—	—	—	—	7.40
	02-03	—	6.73	5.33	4.03	3.28	4.38	5.48	6.18	7.58	6.43	—	—	4.88
	03-04	—	7.31	6.21	5.46	5.51	6.31	6.21	6.51	7.76	—	—	—	6.11
Processing	94-95	(0.12)	(0.12)	(0.03)	(0.03)	(0.12)	(0.18)	(0.22)	(0.22)	—	—	—	—	(0.14)
	95-96	—	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	—	—	—	—	(0.24)
	96-97	(0.14)	(0.14)	(0.14)	(0.04)	0.30	0.32	0.32	0.33	—	—	—	—	0.18
	97-98	(0.14)	(0.14)	(0.14)	(0.02)	0.10	0.33	0.33	0.33	0.33	—	—	—	0.18
	98-99	—	0.23	0.31	0.42	0.12	(0.10)	(0.12)	0.03	—	—	—	—	0.18
	99-00	—	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	—	—	—	(0.04)
	00-01	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	—	—	—	(0.07)
	01-02	—	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	—	—	—	—	(0.08)
	02-03	—	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	—	—	0.20
	03-04	—	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	—	—	—	0.20
All Sales	94-95	4.52	4.88	4.36	4.40	3.52	3.12	3.98	4.27	—	—	—	—	3.91
	95-96	—	6.16	4.02	3.46	2.80	3.43	3.82	5.50	—	—	—	—	3.68
	96-97	7.97	5.43	4.66	4.58	4.06	4.13	4.72	6.80	—	—	—	—	4.68
	97-98	5.24	4.79	4.42	3.83	3.77	3.98	5.39	5.37	6.69	—	—	—	4.42
	98-99	—	6.56	6.10	3.65	5.49	4.93	6.61	6.69	—	—	—	—	5.23
	99-00	—	5.76	4.12	3.73	3.03	2.78	2.50	2.73	3.78	—	—	—	3.28
	00-01	4.63	4.66	4.41	4.31	4.44	5.30	6.12	7.13	9.42	—	—	—	4.99
	01-02	—	8.73	7.17	7.03	6.17	5.41	5.84	7.32	—	—	—	—	6.44
	02-03	—	5.98	4.92	3.48	2.70	3.41	4.24	4.72	5.47	4.36	—	—	3.99
	03-04	—	6.46	5.80	4.97	4.94	5.48	4.93	5.13	6.92	—	—	—	5.33

Citrus Monthly and Season Average Prices, 1995–2004 *continued*

Crop	Crop Year	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Season Average
		$/Carton												
ORANGES, VALENCIA														
Fresh Sales	94-95	5.20	5.15	5.50	6.05	5.85	5.50	5.60	5.80	5.50	—	—	—	5.70
	95-96	—	6.65	6.00	5.65	5.55	6.55	7.70	10.60	8.75	—	—	—	6.85
	96-97	6.35	6.35	5.40	5.20	5.25	5.45	6.30	6.40	5.75	—	—	—	5.65
	97-98	4.60	5.85	6.60	6.45	5.95	5.20	4.60	5.05	5.50	6.55	—	—	5.50
	98-99	12.56	11.76	11.76	12.01	10.76	9.21	8.61	10.36	10.01	7.61	—	—	10.21
	99-00	—	4.65	4.55	4.00	3.75	3.20	2.95	3.10	2.50	—	—	—	3.35
	00-01	5.53	5.73	6.08	5.63	4.88	4.33	4.48	5.38	4.83	—	—	—	5.08
	01-02	7.61	5.81	4.96	4.36	3.91	3.76	4.31	4.36	4.51	—	—	—	4.41
	02-03	5.04	4.79	5.19	4.54	3.79	3.69	4.04	3.69	3.64	—	—	—	4.09
	03-04	5.02	6.12	5.62	5.97	6.62	6.27	6.97	9.17	11.27	—	—	—	6.97
Processing	94-95	(0.12)	(0.19)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	—	—	—	(0.24)
	95-96	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	—	—	—	(0.24)
	96-97	1.02	0.67	0.54	0.63	0.76	1.44	1.69	1.70	1.63	—	—	—	1.31
	97-98	0.98	0.98	0.68	1.27	1.55	1.55	1.55	1.78	0.92	0.76	—	—	1.40
	98-99	1.53	2.32	0.96	1.16	1.56	1.56	1.56	1.56	1.56	1.56	—	—	1.50
	99-00	—	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	—	—	—	(0.07)
	00-01	—	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	—	—	—	0.38
	01-02	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	—	—	—	0.37
	02-03	—	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	—	—	—	0.17
	03-04	—	0.16	0.16	0.16	0.16	0.16	0.16	—	—	—	—	—	0.16
All Sales	94-95	4.09	4.62	4.35	4.96	4.77	4.77	4.69	4.67	4.83	—	—	—	4.74
	95-96	—	5.93	4.79	4.77	4.11	4.63	5.50	7.89	6.24	—	—	—	5.26
	96-97	5.02	5.04	4.56	4.42	4.01	4.28	4.77	4.62	4.04	—	—	—	4.39
	97-98	3.21	4.23	5.19	5.60	5.07	4.43	3.82	4.06	4.26	5.69	—	—	4.52
	98-99	9.55	10.18	8.81	7.47	6.97	5.42	4.46	6.11	5.84	5.59	—	—	6.14
	99-00	—	3.86	3.93	3.19	2.63	1.66	1.33	1.30	0.87	—	—	—	1.74
	00-01	5.53	5.42	5.49	4.99	4.04	3.49	3.68	4.27	3.62	—	—	—	4.22
	01-02	6.41	4.82	3.94	3.66	3.27	3.26	3.84	3.86	3.89	—	—	—	3.76
	02-03	5.04	4.33	4.88	4.15	3.35	2.99	3.08	2.72	2.14	—	—	—	3.27
	03-04	5.02	5.53	5.08	5.59	5.94	5.59	6.57	9.17	11.72	—	—	—	6.48

Crop	Crop Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan	Feb.	Mar.	Apr.	May	June	July	Season Average
		$/Carton												
LEMONS, ALL														
Fresh Sales	94-95	18.48	16.28	10.43	7.88	6.88	6.68	6.13	6.13	7.73	9.98	14.48	17.63	9.93
	95-96	17.43	15.33	11.53	7.78	6.08	5.48	4.88	5.58	7.48	9.83	13.33	15.83	9.23
	96-97	14.58	13.48	11.03	9.98	8.68	7.08	5.58	5.28	6.93	11.68	16.73	19.88	10.43
	97-98	20.73	18.33	11.88	6.78	5.48	4.83	4.53	5.63	7.08	9.68	14.73	18.08	9.58
	98-99	16.68	13.43	14.18	11.03	8.58	10.28	7.38	7.13	8.68	10.33	13.08	15.28	10.33
	99-00	14.69	15.24	13.14	10.59	11.69	11.44	8.89	8.94	7.59	7.14	10.89	13.94	10.49
	00-01	14.30	30.10	7.50	5.85	5.70	5.25	5.20	6.35	8.75	9.65	10.55	13.40	9.00
	01-02	15.26	13.61	14.24	12.11	10.43	9.38	8.40	7.99	9.21	10.66	13.11	13.66	11.41
	02-03	14.81	14.66	13.06	10.91	8.56	7.11	4.96	4.91	8.16	10.31	11.26	11.46	9.91
	03-04	11.21	9.26	7.51	7.56	7.01	6.41	7.36	9.26	10.56	10.91	12.11	12.86	9.81
Processing	94-95	0.64	0.64	0.64	0.50	0.50	0.50	0.50	0.50	0.54	0.54	0.54	0.54	0.53
	95-96	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
	96-97	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
	97-98	1.51	1.51	1.51	1.23	1.23	1.23	1.23	1.13	1.13	1.13	1.13	1.13	1.20
	98-99	1.10	1.10	1.10	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.39
	99-00	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
	00-01	0.70	0.70	0.70	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.25
	01-02	0.15	0.15	0.15	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13
	02-03	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
	03-04	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
All Sales	94-95	15.83	11.95	6.31	4.80	3.18	3.94	2.85	3.15	3.62	6.44	11.27	11.94	5.66
	95-96	11.38	9.64	6.83	4.80	3.60	2.87	2.74	3.16	4.26	5.36	7.52	8.58	5.20
	96-97	9.44	8.90	6.72	5.91	5.19	3.99	2.74	2.81	4.46	9.49	14.39	16.54	6.06
	97-98	13.65	11.12	7.11	4.17	3.30	2.84	2.71	2.69	3.24	5.26	10.05	13.49	5.16
	98-99	13.49	10.70	11.68	8.03	5.35	5.62	4.39	4.58	4.99	5.91	7.01	8.85	6.39
	99-00	10.50	11.95	9.70	7.51	7.85	7.74	6.86	6.34	4.77	3.84	5.44	7.97	6.68
	00-01	8.77	6.51	4.17	3.05	2.91	2.42	2.45	2.76	3.90	4.77	6.58	9.98	4.71
	01-02	11.32	9.81	11.67	9.57	6.76	5.55	4.39	5.03	6.33	7.38	9.84	10.95	7.84
	02-03	12.27	11.32	9.49	7.09	5.45	3.91	2.73	2.46	4.45	4.86	5.02	5.25	5.46
	03-04	8.61	7.22	5.49	4.94	3.98	3.43	4.37	5.82	6.98	8.32	9.56	9.44	6.69

Citrus Monthly and Season Average Prices, 1995–2004 *continued*

Crop	Crop Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Season Average
		$/Carton												
TANGERINES														
Fresh Sales	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
	01-02	16.91	10.76	8.26	10.41	10.01	9.26	9.86	10.46	—	—	—	—	9.81
	02-03	14.94	11.89	9.69	8.99	7.74	7.89	9.24	8.69	—	—	—	—	8.99
	03-04	17.94	13.44	11.49	10.04	8.49	8.94	9.39	(0.86)	—	—	—	—	9.44
Processing	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)
	01-02	0.37	0.37	0.37	0.37	0.37	0.37	0.37	—	—	—	—	—	0.37
	02-03	—	0.36	0.36	0.36	0.17	0.17	0.17	0.17	—	—	—	—	0.22
	03-04	—	0.17	0.17	0.17	0.17	0.17	0.17	—	—	—	—	—	0.17
All Sales	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	—	—	—	—	7.56
	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
	01-02	15.26	8.94	7.99	9.51	8.84	7.90	9.04	10.46	—	—	—	—	8.83
	02-03	14.94	10.93	8.97	8.33	6.69	6.70	7.45	7.88	—	—	—	—	7.90
	03-04	17.94	12.20	10.06	8.82	7.43	7.77	8.54	(0.86)	—	—	—	—	8.34

Drying Ratio — Tons of Green Fruit Required to Produce One Dried Ton

Year	Apricots	Figs	Grapes, Raisin	Grapes, Table	Peaches, Freestone	Pears, Bartlett	Plums, Dried
1995	6.50	3.00	5.00	—	9.00	6.10	3.30
1996	6.90	3.00	4.20	—	9.60	7.00	3.20
1997	6.90	3.00	4.15	—	9.00	6.75	3.06
1998	7.20	3.00	4.70	—	8.06	6.91	3.20
1999	[1]	3.00	4.17	—	8.49	6.93	2.90
2000	7.14	3.00	4.43	—	9.33	6.67	3.11
2001	7.32	3.00	4.15	—	10.07	6.00	2.80
2002	7.14	3.00	4.30	4.44	9.31	6.52	3.02
2003	7.56	3.00	4.54	4.52	9.49	6.56	3.19
2004	7.24	3.00	4.13	4.06	11.95	6.45	2.94

[1] *Not available.*

Non-Citrus Fruit Acreage, Production and Value, 1995–2004

Crop	Crop Year	Bearing Acres	Non-Bearing [1] Acres	Yield Per Acre Tons	Production Tons	Value Per Unit [2] $/Ton	Total Value $1,000
APPLES	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	308.00	132,490
	1999	36,000	—	12.50	448,000	316.00	141,764
	2000	33,000	—	8.65	285,000	328.00	83,430
	2001	30,000	—	8.65	260,000	314.00	77,110
	2002	28,000	—	8.40	235,000	408.00	93,840
	2003	28,000	—	8.05	225,000	356.00	78,190
	2004	26,000	—	7.50	195,000	300.00	57,185
APRICOTS	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
	2002	16,000	—	5.31	85,000	306.00	22,964
	2003	16,500	—	5.61	92,500	316.00	29,221
	2004	16,000	—	5.88	94,000	334.00	28,575
AVOCADOS	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
	01-02	58,500	—	3.42	200,000	1,790.00	358,000
	02-03	59,500	—	2.82	168,000	2,170.00	364,560
	03-04	60,500	—	3.57	216,000	1,760.00	380,160
CHERRIES, SWEET	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	20,000	—	2.35	47,000	1,570.00	71,564
	2001	22,000	—	2.51	55,300	1,560.00	79,814
	2002	24,000	—	2.31	55,500	1,740.00	93,315
	2003	25,000	—	2.62	65,600	1,670.00	106,883
	2004	26,000	—	2.81	73,000	1,750.00	123,156
DATES	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	5,000	—	4.98	24,900	1,220.00	30,378
	1999	5,100	—	4.35	22,200	1,240.00	27,528
	2000	5,000	—	3.48	17,400	1,230.00	21,402
	2001	4,900	—	4.02	19,700	1,360.00	26,792
	2002	4,800	—	5.04	24,200	1,550.00	37,510
	2003	4,700	—	3.81	17,900	2,300.00	41,170
	2004	5,200	—	3.15	16,400	2,500.00	41,000
FIGS	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	16,600	—	3.11	51,600	222.00	11,445
	1999	15,100	—	3.13	47,300	268.00	12,685
	2000	15,900	—	3.52	55,900	272.00	15,226
	2001	14,600	—	2.81	41,000	366.00	15,012
	2002	13,500	—	3.94	53,200	340.00	18,087
	2003	13,000	—	3.73	48,500	317.00	15,373
	2004	12,500	—	4.06	50,800	383.00	19,463

Non-Citrus Fruit Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Bearing Acres	Non-Bearing [1] Acres	Yield Per Acre Tons	Production Tons	Value Per Unit [2] $/Ton	Total Value $1,000
GRAPES, RAISIN [3,4]	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	10.70	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	10.40	2,921,000	166.00	485,139
	2001	235,000	7,000	9.43	2,215,000	186.00	411,296
	2002	246,000	6,000	11.40	2,804,000	152.00	425,838
	2003	255,000	5,000	8.71	2,220,000	170.00	374,167
	2004	244,000	4,000	8.32	2,030,000	304.00	616,427
GRAPES, TABLE	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	10.20	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	8.10	713,000	610.00	435,177
	2002	88,000	9,000	8.44	743,000	616.00	457,628
	2003	85,000	8,000	8.61	732,000	601.00	407,607
	2004	83,000	9,000	9.28	770,000	695.00	535,183
GRAPES, WINE	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	3,051,000	597.00	1,820,106
	2002	486,000	70,000	6.48	3,149,000	535.00	1,683,452
	2003	479,000	50,000	6.07	2,909,000	530.00	1,542,876
	2004	473,000	40,000	5.95	2,815,000	570.00	1,604,925
GRAPES, ALL [3,5]	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	2,831,236
	2001	803,000	107,000	7.45	5,979,000	446.00	2,666,579
	2002	820,000	85,000	8.17	6,696,000	383.00	2,566,918
	2003	819,000	63,000	7.16	5,861,000	402.00	2,324,650
	2004	800,000	53,000	7.02	5,615,000	491.00	2,756,535
KIWIFRUIT	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	4,900	—	5.27	25,800	667.00	15,340
	2002	4,500	—	5.80	26,100	783.00	18,097
	2003	4,500	—	5.64	25,400	853.00	20,472
	2004	4,500	—	5.93	26,700	809.00	19,977
NECTARINES	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
	2002	36,500	—	8.22	300,000	382.00	114,600
	2003	36,500	—	7.48	273,000	436.00	119,028
	2004	36,500	—	7.37	269,000	342.00	86,278

Non-Citrus Fruit Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Bearing Acres	Non-Bearing [1] Acres	Yield Per Acre Tons	Production Tons	Value Per Unit [2] $/Ton	Total Value $1,000
OLIVES	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
	2002	36,000	—	2.86	103,000	573.00	58,983
	2003	36,000	—	3.28	118,000	409.00	48,289
	2004	32,000	—	3.25	104,000	571.00	59,379
PEACHES, CLINGSTONE	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	—	17.75	529,500	226.00	115,740
	2000	28,200	—	18.90	532,000	250.00	127,125
	2001	28,800	—	16.60	476,000	244.00	110,044
	2002	31,000	—	18.20	562,000	247.00	132,639
	2003	31,000	—	17.30	536,000	215.00	108,484
	2004	32,000	—	16.80	539,000	263.00	141,494
PEACHES, FREESTONE	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	36,000	—	9.45	340,500	314.00	107,155
	1999	36,500	—	10.45	381,500	320.00	122,420
	2000	37,000	—	10.70	395,500	314.00	124,484
	2001	37,000	—	10.50	387,500	352.00	136,699
	2002	37,000	—	10.80	398,000	348.00	138,369
	2003	37,000	—	11.20	413,000	336.00	138,746
	2004	37,000	—	11.80	436,000	281.00	109,760
PEACHES, ALL	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	66,400	—	13.00	863,000	257.00	220,017
	1999	66,300	—	13.70	911,000	266.00	238,160
	2000	65,200	—	14.20	927,500	278.00	251,609
	2001	65,800	—	13.10	863,500	294.00	246,743
	2002	68,000	—	14.10	960,000	290.00	271,008
	2003	68,000	—	14.00	949,000	269.00	247,230
	2004	69,000	—	14.10	975,000	270.00	251,254
PEARS, BARTLETT	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	201.00	53,613
	2001	14,000	—	19.60	275,000	255.00	61,202
	2002	13,500	—	17.20	232,000	242.00	56,120
	2003	13,000	—	16.70	217,000	216.00	46,850
	2004	13,000	—	17.20	223,000	252.00	56,288
PEARS, OTHER	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	5,000	—	10.00	50,000	436.00	21,800
	1999	4,900	—	12.00	58,800	295.00	17,346
	2000	5,100	—	11.00	56,100	437.00	24,516
	2001	4,600	—	12.00	55,200	369.00	20,369
	2002	4,300	—	12.00	51,600	405.00	20,898
	2003	4,300	—	12.80	55,000	300.00	16,526
	2004	4,000	—	12.00	48,000	503.00	24,144

Non-Citrus Fruit Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Bearing Acres	Non-Bearing [1] Acres	Yield Per Acre Tons	Production Tons	Value Per Unit [2] $/Ton	Total Value $1,000
PEARS, ALL	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	20,000	—	16.40	327,000	275.00	89,921
	1999	19,900	—	18.60	369,800	222.00	82,022
	2000	20,100	—	16.80	338,100	242.00	78,129
	2001	18,600	—	17.80	330,200	276.00	81,571
	2002	17,800	—	15.90	283,600	272.00	77,018
	2003	17,300	—	15.70	272,000	233.00	63,376
	2004	17,000	—	15.90	271,000	297.00	80,432
PLUMS	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	306.00	64,362
	2002	36,000	—	5.58	201,000	386.00	77,586
	2003	36,000	—	5.81	209,000	418.00	87,362
	2004	36,000	—	4.33	156,000	516.00	74,347
PLUMS, DRIED [5]	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	726.00	98,010
	2002	74,000	9,000	2.32	172,000	810.00	132,030
	2003	72,000	8,000	2.51	181,000	772.00	129,696
	2004	70,000	7,000	0.70	49,000	1,500.00	72,000
MISCELLANEOUS FRUITS AND NUTS [6]	1995	22,000	—	—	131,000	—	62,750
	1996	27,000	—	—	164,000	—	81,872
	1997	38,000	—	—	277,000	—	144,664
	1998	35,000	—	—	218,000	—	113,024
	1999	40,000	—	—	233,000	—	135,393
	2000	44,000	—	—	297,000	—	143,446
	2001	44,000	—	—	266,000	—	144,110
	2002	49,000	—	—	314,000	—	178,527
	2003	45,000	—	—	285,000	—	166,010
	2004	34,000	—	—	203,000	—	151,112

[1]Non-bearing shown only in year when acreage surveys were conducted.

[2]Return at processing plant door or packinghouse door.

[3]Acres of raisin-type grapes enrolled in the California Raisin Industry Diversion program were; 1995 – 25,000; 1996–2000 – zero; 2001 – 41,000; 2002 – 27,000; 2003–2004 – zero. These acres were deducted from bearing acres before calculating yield.

[4]Raisin-type production is the fresh equivalent of dried and not dried.

[5]Acreage by county, variety and year of planting for 2004 are available upon request.

[6]These crops are almond hulls, apricot-plum crosses (aprium, plumcot, pluots), black walnuts, chayotes, cherimoyas, chestnuts, feijoas, guavas, jojobas, jujubes, kumquats, limes, loquats, Macadamia nuts, persimmons, pomegranates, prickly pears, quince, citrus byproducts and orchard biomass.

Non-Citrus Fruit Utilized Production and Average Grower Return, 1995–2004

Crop	Crop Year	Utilized Production	Fresh Market		Processing			
					Total		Canned	
			Quantity	Value	Quantity	Value	Quantity	Value
		Tons	Tons	$/Ton	Tons	$/Ton	Tons	$/Ton
APPLES [1]	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	103.00	10,000	144.00
	1999	448,000	210,000	496.00	238,000	158.00	20,000	148.00
	2000	255,000	130,000	486.00	125,000	162.00	3,000	152.00
	2001	245,000	110,000	458.00	135,000	198.00	8,500	146.00
	2002	230,000	115,000	606.00	115,000	210.00	11,000	208.00
	2003	220,000	110,000	532.00	110,000	179.00	8,000	142.00
	2004	190,000	90,000	452.00	100,000	165.00	—	—
APRICOTS [2]	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	276.00	46,700	320.00
	1998	102,600	18,500	533.00	84,100	262.00	40,700	330.00
	1999	85,000	—	—	—	—	—	—
	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
	2002	75,000	14,000	490.00	61,000	271.00	30,500	286.00
	2003	92,500	22,000	492.00	70,500	264.00	30,000	298.00
	2004	85,500	17,900	538.00	67,600	283.00	—	—
AVOCADOS [3]	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	154,000	1,710.00	—	—	—	—
	98-99	136,000	136,000	2,400.00	—	—	—	—
	99-00	2,170	161,000	2,110.00	—	—	—	—
	00-01	213,000	213,000	1,480.00	—	—	—	—
	01-02	200,000	200,000	1,790.00	—	—	—	—
	02-03	168,000	168,000	2,170.00	—	—	—	—
	03-04	216,000	216,000	1,760.00	—	—	—	—
CHERRIES, SWEET [4]	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	—	—
	2002	53,700	43,300	2,090.00	10,400	271.00	—	—
	2003	63,900	51,600	1,980.00	12,300	383.00	—	—
	2004	70,300	57,700	2,020.00	12,600	524.00	—	—
DATES	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	1,360.00	—	—	—	—
	2002	24,200	24,200	1,550.00	—	—	—	—
	2003	17,900	17,900	2,300.00	—	—	—	—
	2004	16,400	16,400	2,500.00	—	—	—	—
FIGS [5]	1995	52,400	2,000	—	50,400	—	—	—
	1996	45,500	2,000	—	43,500	—	—	—
	1997	57,500	2,000	—	55,500	—	—	—
	1998	51,600	1,100	—	50,500	—	—	—
	1999	47,300	1,600	—	45,700	—	—	—
	2000	55,900	4,000	—	51,900	—	—	—
	2001	41,000	2,000	—	39,000	—	—	—
	2002	53,200	2,250	—	50,950	—	—	—
	2003	48,500	2,900	—	45,600	—	—	—
	2004	50,800	3,100	—	47,700	—	—	—

Crop	Crop Year	Processing, *continued* — Juice or Crushed — Quantity *Tons*	Juice or Crushed — Value *$/Ton*	Frozen — Quantity *Tons*	Frozen — Value *$/Ton*	Dried (Fresh Basis) — Quantity *Tons*	Dried (Fresh Basis) — Value *$/Ton*	Dried Basis — Quantity *Tons*	Dried Basis — Value *$/Ton*
APPLES [1]	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	112,500	156.00	—	—	—	—	—	—
	2001	109,000	209.00	—	—	—	—	—	—
	2002	99,000	213.00	—	—	—	—	—	—
	2003	95,000	178.00	—	—	—	—	—	—
	2004	90,000	164.00	—	—	—	—	—	—
APRICOTS [2]	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	—	—	—	—	—	—	—	—
	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
	2002	7,000	158.00	10,500	299.00	8,000	223.00	1,120	1,590.00
	2003	9,200	210.00	11,000	313.00	6,800	233.00	900	1,760.00
	2004	—	—	9,700	308.00	11,800	269.00	1,630	1,950.00
AVOCADOS [3]	94-95	—	—	—	—	—	—	—	—
	95-96	—	—	—	—	—	—	—	—
	96-97	—	—	—	—	—	—	—	—
	97-98	—	—	—	—	—	—	—	—
	98-99	—	—	—	—	—	—	—	—
	99-00	—	—	—	—	—	—	—	—
	00-01	—	—	—	—	—	—	—	—
	01-02	—	—	—	—	—	—	—	—
	02-03	—	—	—	—	—	—	—	—
	03-04	—	—	—	—	—	—	—	—
CHERRIES, SWEET [4]	1995	—	—	—	—	—	—	—	—
	1996	—	—	—	—	—	—	—	—
	1997	—	—	—	—	—	—	—	—
	1998	—	—	—	—	—	—	—	—
	1999	—	—	—	—	—	—	—	—
	2000	—	—	—	—	—	—	—	—
	2001	—	—	—	—	—	—	—	—
	2002	—	—	—	—	—	—	—	—
	2003	—	—	—	—	—	—	—	—
	2004	—	—	—	—	—	—	—	—
DATES	1995	—	—	—	—	—	—	—	—
	1996	—	—	—	—	—	—	—	—
	1997	—	—	—	—	—	—	—	—
	1998	—	—	—	—	—	—	—	—
	1999	—	—	—	—	—	—	—	—
	2000	—	—	—	—	—	—	—	—
	2001	—	—	—	—	—	—	—	—
	2002	—	—	—	—	—	—	—	—
	2003	—	—	—	—	—	—	—	—
	2004	—	—	—	—	—	—	—	—
FIGS [5]	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	—	—	—	—	49,800	194.00	16,600	581.00
	1999	—	—	—	—	45,300	227.00	15,100	680.00
	2000	—	—	—	—	51,900	224.00	17,300	672.00
	2001	—	—	—	—	39,000	308.00	13,000	924.00
	2002	—	—	—	—	50,700	301.00	16,900	902.00
	2003	—	—	—	—	45,600	276.00	15,200	828.00
	2004	—	—	—	—	47,700	315.00	15,900	944.00

Non-Citrus Fruit Utilized Production and Average Grower Return, 1995–2004 *continued*

Crop	Crop Year	Utilized Production	Fresh Market		Processing			
					Total		Canned	
			Quantity	Value	Quantity	Value	Quantity	Value
		Tons	Tons	$/Ton	Tons	$/Ton	Tons	$/Ton
GRAPES, RAISIN [6]	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	129.00	32,000	270.00
	2001	2,215,000	217,000	680.00	1,998,000	132.00	29,000	270.00
	2002	2,804,000	264,000	750.00	2,540,000	89.70	31,000	270.00
	2003	2,199,000	172,000	760.00	2,027,000	120.00	27,000	280.00
	2004	2,030,000	192,000	730.00	1,838,000	259.00	25,000	300.00
GRAPES, TABLE	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	713,000	587,000	720.00	126,000	99.50	—	—
	2002	743,000	662,000	680.00	81,000	92.20	—	—
	2003	678,000	575,000	690.00	103,000	105.00	—	—
	2004	770,000	644,000	790.00	126,000	210.00	—	—
GRAPES, WINE	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	3,051,000	45,000	300.00	3,006,000	601.00	—	—
	2002	3,149,000	45,000	300.00	3,104,000	538.00	—	—
	2003	2,909,000	45,000	300.00	2,864,000	534.00	—	—
	2004	2,815,000	40,000	510.00	2,775,000	571.00	—	—
GRAPES, ALL [6]	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	367.00	32,000	270.00
	2001	5,979,000	849,000	688.00	5,130,000	406.00	29,000	270.00
	2002	6,696,000	971,000	681.00	5,725,000	333.00	31,000	270.00
	2003	5,786,000	792,000	683.00	4,994,000	357.00	27,000	280.00
	2004	5,615,000	876,000	764.00	4,739,000	440.00	25,000	300.00
KIWIFRUIT [7]	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	—	—	—
	2002	23,100	22,300	—	800	—	—	—
	2003	24,000	22,000	—	2,000	—	—	—
	2004	24,700	22,500	—	2,200	—	—	—
NECTARINES [7]	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	—	—	—
	2002	300,000	300,000	382.00	—	—	—	—
	2003	273,000	273,000	436.00	—	—	—	—
	2004	252,000	252,000	342.00	—	—	—	—

Crop	Crop Year	Processing, *continued* — Juice or Crushed — Quantity (Tons)	Juice or Crushed — Value ($/Ton)	Frozen — Quantity (Tons)	Frozen — Value ($/Ton)	Dried (Fresh Basis) — Quantity (Tons)	Dried (Fresh Basis) — Value ($/Ton)	Dried Basis — Quantity (Tons)	Dried Basis — Value ($/Ton)
GRAPES, RAISIN [6]	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	128.00	484,500	569.00
	2001	262,000	85.70	—	—	1,707,000	137.00	411,300	570.00
	2002	622,000	75.50	—	—	1,887,000	91.40	438,900	393.00
	2003	422,000	95.10	—	—	1,578,000	124.00	347,700	563.00
	2004	727,000	200.00	—	—	1,086,000	298.00	262,900	1,230.00
GRAPES, TABLE	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	101,000	87.20	—	—	25,000	149.00	5,800	644.00
	2002	61,000	80.50	—	—	20,000	128.00	4,500	568.00
	2003	84,000	91.40	—	—	19,000	167.00	4,200	757.00
	2004	113,000	199.00	—	—	13,000	303.00	3,200	1,230.00
GRAPES, WINE	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	3,006,000	601.00	—	—	—	—	—	—
	2002	3,104,000	538.00	—	—	—	—	—	—
	2003	2,864,000	534.00	—	—	—	—	—	—
	2004	2,775,000	571.00	—	—	—	—	—	—
GRAPES, ALL [6]	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	129.00	493,700	571.00
	2001	3,369,000	546.00	—	—	1,732,000	137.00	417,100	571.00
	2002	3,787,000	455.00	—	—	1,907,000	91.80	443,400	395.00
	2003	3,370,000	468.00	—	—	1,597,000	125.00	351,900	565.00
	2004	3,615,000	485.00	—	—	1,099,000	298.00	266,100	1,230.00
KIWIFRUIT [7]	1995	—	—	—	—	—	—	—	—
	1996	—	—	—	—	—	—	—	—
	1997	—	—	—	—	—	—	—	—
	1998	—	—	—	—	—	—	—	—
	1999	—	—	—	—	—	—	—	—
	2000	—	—	—	—	—	—	—	—
	2001	—	—	—	—	—	—	—	—
	2002	—	—	—	—	—	—	—	—
	2003	—	—	—	—	—	—	—	—
	2004	—	—	—	—	—	—	—	—
NECTARINES [7]	1995	—	—	—	—	—	—	—	—
	1996	—	—	—	—	—	—	—	—
	1997	—	—	—	—	—	—	—	—
	1998	—	—	—	—	—	—	—	—
	1999	—	—	—	—	—	—	—	—
	2000	—	—	—	—	—	—	—	—
	2001	—	—	—	—	—	—	—	—
	2002	—	—	—	—	—	—	—	—
	2003	—	—	—	—	—	—	—	—
	2004	—	—	—	—	—	—	—	—

Non-Citrus Fruit Utilized Production and Average Grower Return, 1995–2004 *continued*

Crop	Crop Year	Utilized Production	Fresh Market		Processing			
					Total		Canned	
			Quantity	Value	Quantity	Value	Quantity	Value
		Tons	Tons	$/Ton	Tons	$/Ton	Tons	$/Ton
OLIVES	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
	2002	103,000	500	500.00	102,500	573.00	82,800	662.00
	2003	118,000	500	500.00	117,500	409.00	96,000	458.00
	2004	104,000	500	500.00	103,500	571.00	74,400	701.00
PEACHES, CLINGSTONE [8]	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
	2002	537,000	—	—	537,000	247.00	511,500	244.00
	2003	505,500	—	—	505,500	215.00	478,500	217.00
	2004	539,000	—	—	539,000	263.00	505,000	270.00
PEACHES, FREESTONE [9,10]	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	185.00	10,800	216.00
	2000	395,500	269,000	380.00	126,500	187.00	—	—
	2001	387,500	269,000	428.00	118,500	200.00	—	—
	2002	398,000	277,850	418.00	120,150	203.00	—	—
	2003	413,000	282,300	406.00	130,700	185.00	—	—
	2004	390,000	259,000	341.00	131,000	164.00	—	—
PEACHES, ALL [8,9,10,11]	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	217.00	487,000	232.00
	2000	904,000	269,000	380.00	635,000	237.00	486,950	251.00
	2001	838,500	269,000	428.00	569,500	235.00	435,100	244.00
	2002	935,000	277,850	418.00	657,150	239.00	511,500	244.00
	2003	918,500	282,300	406.00	636,200	209.00	478,500	217.00
	2004	929,000	259,000	341.00	670,000	244.00	505,000	270.00
PEARS, BARTLETT [8,11]	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	232.00	—	—
	2000	267,000	81,000	159.00	186,000	219.00	—	—
	2001	240,000	67,000	317.00	173,000	231.00	—	—
	2002	232,000	69,000	270.00	163,000	230.00	—	—
	2003	217,000	62,000	190.00	155,000	226.00	—	—
	2004	223,000	68,000	261.00	155,000	251.00	—	—
PEARS, OTHER [7]	1995	20,000	—	—	—	—	—	—
	1996	30,000	—	—	—	—	—	—
	1997	30,000	—	—	—	—	—	—
	1998	50,000	—	—	—	—	—	—
	1999	58,800	—	—	—	—	—	—
	2000	56,100	—	—	—	—	—	—
	2001	55,200	—	—	—	—	—	—
	2002	51,600	—	—	—	—	—	—
	2003	55,000	—	—	—	—	—	—
	2004	48,000	—	—	—	—	—	—

Crop	Crop Year	Processing, *continued* — Juice or Crushed — Quantity *Tons*	Juice or Crushed — Value *$/Ton*	Frozen — Quantity *Tons*	Frozen — Value *$/Ton*	Dried (Fresh Basis) — Quantity *Tons*	Dried (Fresh Basis) — Value *$/Ton*	Dried Basis — Quantity *Tons*	Dried Basis — Value *$/Ton*
				Limited		**Undersize**			
OLIVES	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	—	—
	2002	6,000	240.00	9,900	249.00	3,800	8.00	—	—
	2003	7,500	238.00	10,500	215.00	3,500	8.00	—	—
	2004	8,000	361.00	16,100	252.00	5,000	6.00	—	—
PEACHES, CLINGSTONE [8]	1995	—	—	—	—	—	—	—	—
	1996	—	—	—	—	—	—	—	—
	1997	—	—	—	—	—	—	—	—
	1998	—	—	—	—	—	—	—	—
	1999	—	—	—	—	—	—	—	—
	2000	—	—	—	—	—	—	—	—
	2001	—	—	—	—	—	—	—	—
	2002	—	—	—	—	—	—	—	—
	2003	—	—	—	—	—	—	—	—
	2004	—	—	—	—	—	—	—	—
PEACHES, FREESTONE [9,10]	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	620.00
	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
	2002	—	—	91,100	205.00	14,200	49.00	1,525	456.00
	2003	—	—	95,950	211.00	10,150	47.00	1,070	446.00
	2004	—	—	86,600	211.00	10,400	32.00	870	382.00
PEACHES, ALL [8,9,0,11]	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	620.00
	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
	2002	—	—	91,100	205.00	14,200	49.00	1,525	456.00
	2003	—	—	95,950	211.00	10,150	47.00	1,070	446.00
	2004	—	—	86,600	211.00	10,400	32.00	870	382.00
PEARS, BARTLETT [8,11]	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
	2002	—	—	—	—	3,000	202.00	460	1,315.00
	2003	—	—	—	—	4,000	206.00	610	1,350.00
	2004	—	—	—	—	4,000	160.00	620	1,030.00
PEARS, OTHER [7]	1995	—	—	—	—	—	—	—	—
	1996	—	—	—	—	—	—	—	—
	1997	—	—	—	—	—	—	—	—
	1998	—	—	—	—	—	—	—	—
	1999	—	—	—	—	—	—	—	—
	2000	—	—	—	—	—	—	—	—
	2001	—	—	—	—	—	—	—	—
	2002	—	—	—	—	—	—	—	—
	2003	—	—	—	—	—	—	—	—
	2004	—	—	—	—	—	—	—	—

Non-Citrus Fruit Utilized Production and Average Grower Return, 1995–2004 *continued*

Crop	Crop Year	Utilized Production	Fresh Market		Processing			
					Total		Canned	
			Quantity	Value	Quantity	Value	Quantity	Value
		Tons	Tons	$/Ton	Tons	$/Ton	Tons	$/Ton
PEARS, ALL [7]	1995	267,000	—	—	—	—	—	—
	1996	317,000	—	—	—	—	—	—
	1997	312,000	—	—	—	—	—	—
	1998	327,000	—	—	—	—	—	—
	1999	369,800	—	—	—	—	—	—
	2000	323,100	—	—	—	—	—	—
	2001	295,200	—	—	—	—	—	—
	2002	283,600	—	—	—	—	—	—
	2003	272,000	—	—	—	—	—	—
	2004	271,000	—	—	—	—	—	—
PLUMS [7]	1995	124,000	—	—	—	—	—	—
	1996	228,000	—	—	—	—	—	—
	1997	246,000	—	—	—	—	—	—
	1998	188,000	—	—	—	—	—	—
	1999	196,000	—	—	—	—	—	—
	2000	197,000	—	—	—	—	—	—
	2001	210,000	—	—	—	—	—	—
	2002	201,000	—	—	—	—	—	—
	2003	209,000	—	—	—	—	—	—
	2004	144,000	—	—	—	—	—	—
PLUMS, DRIED	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	726.00	—	—
	2002	163,000	—	—	163,000	810.00	—	—
	2003	168,000	—	—	168,000	772.00	—	—
	2004	48,000	—	—	48,000	1,500.00	—	—

Non-Citrus Fruit Unutilized Production, 1995–2004

Crop	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
				Unharvested Tons						
Apples	—	—	—	—	—	30,000	15,000	—	—	—
Apricots	—	—	9,600	10,400	—	9,000	7,000	10,000	—	8,500
Grapes	—	—	—	—	—	—	—	—	75,000	—
Nectarines	—	—	—	—	—	—	—	—	—	2,000
Peaches, Freestone	—	—	—	—	—	—	—	—	—	2,000
Pears, Bartlett	—	—	—	—	—	15,000	35,000	—	—	—
Plums, Dried	—	—	—	—	—	—	4,000	—	—	1,000
				Harvested Tons Not Sold						
Apples	—	—	—	—	—	—	—	5,000	5,000	5,000
Cherries, Sweet	—	—	—	—	1,500	1,300	4,200	1,800	1,700	2,700
Kiwifruit	4,200	3,500	3,200	3,600	3,000	3,500	2,800	3,000	1,400	2,000
Nectarines	—	—	—	—	—	—	—	—	—	15,000
Peaches, Clingstone	22,000	26,000	24,000	7,150	15,100	23,500	2,500	25,000	30,500	—
Peaches, Freestone	—	—	—	—	—	—	—	—	—	44,000
Plums	—	—	—	—	—	—	—	—	—	11,000
Plums, Dried	—	—	9,000	5,000	13,000	18,000	11,000	9,000	13,000	1,000

Crop	Crop Year	Processing, *continued*							
		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*
PEARS, ALL [7]	1995	—	—	—	—	—	—	—	—
	1996	—	—	—	—	—	—	—	—
	1997	—	—	—	—	—	—	—	—
	1998	—	—	—	—	—	—	—	—
	1999	—	—	—	—	—	—	—	—
	2000	—	—	—	—	—	—	—	—
	2001	—	—	—	—	—	—	—	—
	2002	—	—	—	—	—	—	—	—
	2003	—	—	—	—	—	—	—	—
	2004	—	—	—	—	—	—	—	—
PLUMS [7]	1995	—	—	—	—	—	—	—	—
	1996	—	—	—	—	—	—	—	—
	1997	—	—	—	—	—	—	—	—
	1998	—	—	—	—	—	—	—	—
	1999	—	—	—	—	—	—	—	—
	2000	—	—	—	—	—	—	—	—
	2001	—	—	—	—	—	—	—	—
	2002	—	—	—	—	—	—	—	—
	2003	—	—	—	—	—	—	—	—
	2004	—	—	—	—	—	—	—	—
PLUMS, DRIED	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	259.00	135,000	726.00
	2002	—	—	—	—	492,000	268.00	163,000	810.00
	2003	—	—	—	—	536,000	242.00	168,000	772.00
	2004	—	—	—	—	141,000	511.00	48,000	1,500.00

[1]*Dried and frozen fruit included in total processed to avoid disclosure of individual operations.*

[2]*Data for 1999 not published to avoid disclosure of individual operations.*

[3]*Processed fruit included in fresh market total to avoid disclosure of individual operations.*

[4]*Total processed includes canned, crushed, frozen and brined.*

[5]*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.*

[6]*Includes substandard raisins diverted to other uses.*

[7]*Processed and fresh fruit not published to avoid disclosure of individual operations, but included in total utilized.*

[8]*Processed mostly canned, but includes other small quantities not published separately to avoid disclosure of individual operations.*

[9]*Quantity and value include dried, but price excludes dried.*

[10]*Not published separately to avoid disclosure of individual operations.*

[11]*Total processing value per ton excludes dried processing.*

Nut Acreage, Production and Value, 1995–2004

Crop	Crop Year	Bearing	Non-Bearing	Yield Per Acre	Production: Marketable In-Shell	Production: Shelling Stock	Production: Total	Value Per Unit	Total Value
		Acres	*Acres*	*Pounds*	*1,000 Pounds*	*1,000 Pounds*	*1,000 Pounds*	*$/Lb.*	*$1,000*
ALMONDS [1,2]	1995	418,000	65,700	885	—	—	370,000	2.48	880,896
(Shelled Basis)	1996	428,000	72,400	1,190	—	—	510,000	2.08	1,018,368
	1997	442,000	63,000	1,720	—	—	759,000	1.56	1,160,640
	1998	460,000	113,000	1,130	—	—	520,000	1.41	703,590
	1999	485,000	105,000	1,720	—	—	833,000	0.86	687,742
	2000	510,000	95,000	1,380	—	—	703,000	0.97	666,487
	2001	530,000	70,000	1,570	—	—	830,000	0.91	740,012
	2002	545,000	60,000	2,000	—	—	1,090,000	1.11	1,200,687
	2003	550,000	60,000	1,890	—	—	1,040,000	1.57	1,600,144
	2004	550,000	70,000	1,840	—	—	1,010,000	2.21	2,200,055
PECANS	1995	2,600	N/A	1,120	—	—	2,900	1.28	3,712
(In-Shell Basis)	1996	2,500	N/A	520	—	—	1,300	0.83	1,079
	1997	2,600	N/A	962	—	—	3,000	1.32	3,960
	1998	2,600	N/A	654	—	—	1,700	1.66	2,822
	1999	2,600	N/A	731	—	—	1,900	1.27	2,413
	2000	2,600	N/A	1,310	—	—	3,400	1.52	5,168
	2001	2,600	N/A	1,420	—	—	3,700	0.81	2,997
	2002	2,600	N/A	1,460	—	—	3,800	1.27	4,826
	2003	2,600	N/A	1,420	—	—	3,700	1.42	5,254
	2004	2,600	N/A	1,380	—	—	3,500	2.21	7,735
PISTACHIOS	1995	60,300	13,400	2,450	107,500	40,500	148,000	1.09	161,320
	1996	64,300	17,100	1,630	85,000	20,000	105,000	1.16	121,800
	1997	65,400	17,000	2,750	137,000	43,000	180,000	1.13	203,400
	1998	68,000	19,300	2,760	138,000	50,000	188,000	1.03	193,640
	1999	71,000	21,000	1,730	105,000	18,000	123,000	1.33	163,590
	2000	74,600	21,700	3,260	190,000	53,000	243,000	1.01	245,430
	2001	78,000	23,500	2,060	126,500	34,500	161,000	1.01	162,610
	2002	83,000	23,000	3,650	242,000	61,000	303,000	1.10	333,300
	2003	88,000	23,000	1,350	90,000	29,000	119,000	1.22	145,180
	2004	93,000	15,000	3,730	254,000	93,000	347,000	1.28	444,160
WALNUTS [2]		**Acres**	**Acres**	**Tons**	**Tons**	**Tons**	**Tons**	**$/Ton**	**$1,000**
(In-Shell Basis)	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	198,000	29,000	1.15	—	—	227,000	1,050.00	238,350
	1999	197,000	30,000	1.44	—	—	283,000	886.00	250,738
	2000	200,000	31,000	1.20	—	—	239,000	1,240.00	296,360
	2001	204,000	29,000	1.50	—	—	305,000	1,120.00	341,600
	2002	210,000	27,000	1.34	—	—	282,000	1,170.00	329,940
	2003	213,000	27,000	1.53	—	—	326,000	1,160.00	378,160
	2004	217,000	33,000	1.50	—	—	325,000	1,350.00	438,750

[1]*Values are based on the edible portion of the crop only. Included in production are inedible quantities of no value: 1995 — 14.8 million pounds; 1996 — 20.4 million pounds; 1997 — 15.0 million pounds; 1998 — 21.*
2003 — 20.8 million pounds; 2004 —14.5 million pounds.

[2]*Data for 2004 acreage by county, variety and year of planting available upon request.*

Raisin Production and Average Grower Return, 1995–2004

Raisins [1]	Crop Year	All Varieties	Naturally Dried					Dehydrated, All Types
			Thompson Seedless	Muscats	Oleate [2]	Sultanas	Zante Currant	
PRODUCTION [3]					**Tons**			
	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	411,300	378,000	50	6,500	150	4,200	22,400
	2002	438,900	388,000	40	18,390	90	4,390	28,030
	2003	347,700	297,020	20	—	80	3,030	27,580
	2004	262,900	—	—	—	—	—	—
AVERAGE GROWER RETURN [3]					**$/Ton**			
	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	569	564	533	855	590	831	852
	2001	570	534	572	814	531	1,019	1,021
	2002	393	360	628	429	504	807	773
	2003	563	528	515	—	495	992	887
	2004	1,230	—	—	—	—	—	—

[1] *Excludes raisins produced from table-type grapes.*

[2] *Miscellaneous seedless grapes with Oleate applied.*

[3] *Missing 2004 data will be available by the end of January 2006.*

California grape growers received prices in 2004 for raisin, table, white and red grapes that were, on average, above 2003 prices.

Grape Crush

The Final Grape Crush Report includes all grape tonnage crushed during the 2004 season. Changes in tonnage, degrees Brix, and weighted average prices were reported by grape type and variety as well as by grape pricing district. The 17 districts refer to the area in which grapes were grown as defined in administrative code.

Summary of Grape Tonnages and Prices

The 2004 crush totaled 3,615,278 tons, up 7 percent from the 2003 crush of 3,370,121 tons. Red wine varieties accounted for the largest share of all grapes crushed, at 1,638,700 tons, virtually unchanged from 2003. The 2004 white wine variety crush totaled 1,136,241 tons, down 8 percent from 2003. Tons crushed of raisin-type varieties totaled 726,946, up 72 percent from 2003, while tons crushed of table-type varieties totaled 113,391, up 35 percent from 2003.

Beginning with the 1999 season, the final Grape Crush Report includes the total number of tons crushed for concentrate production. In determining grape tonnage crushed for concentrate production, each processor was required to report the estimated equivalent tons of grapes crushed for grape concentrate. For the 2004 season, this total was 658,048 tons, approximately 18 percent of the 2004 grape crush total. This report provides only the aggregate figure of grapes crushed for concentrate production and does not include information by district, type or variety.

Grape Crush Tonnage and Price, 1988–2004

Crop Year	Raisin Type		Table Type		Red Wine Type		White Wine Type		All Types	
	1,000 Tons	*$/Ton*	*1,000 Tons*	*$/Ton*	*1,000 Tons*	*$/Ton*	*1,000 Tons*	*$/Ton*	*1,000 Tons*	*$/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
2002	622	76	61	80	1,817	614	1,288	432	3,787	462
2003	422	95	84	91	1,634	609	1,230	429	3,370	471
2004	727	200	113	199	1,639	627	1,136	487	3,615	482

Source: USDA National Agricultural Statistics Service, California Field Office.

California grape growers received prices in 2004 for raisin, table, white and red grapes that were, on average, above the 2003 prices. The 2004 average price of all varieties was $482.28, up 2 percent from 2003.

Average Prices for the 2004 Crop by Type [1]:

Red wine grapes ..... $626.72, up 3 percent
White wine grapes..... $487.47, up 14 percent
Raisin grapes ..... $199.86, up 110 percent
Table grapes..... $198.52, up 117 percent

[1]*These price levels have not been adjusted for inflation.*

Leading Grape Varieties and Districts

In 2004, Thompson Seedless accounted for the largest percentage of crush volume with 19 percent. Chardonnay accounted for the second leading percentage at 15 percent. The next eight highest percentages of grapes crushed were all wine varieties.

Grapes produced in District 4 (Napa County) received the highest average price of $2,935.60 per ton, down 4 percent from 2003. District 3 (Sonoma and Marin counties) received the second highest return of $1,869.22, down 4 percent from 2003.

The 2004 Chardonnay price of $693.77 was up 4 percent from 2003, while the 2004 Cabernet Sauvignon price of $977.56 was down 3 percent from 2003. The 2004 average price for Merlot was $799.37, virtually unchanged from 2003, while the Zinfandel average price of $473.56 was up 11 percent from 2003.

Grape Crush Totals by Type and Variety, 2003–2004

Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003
RAISIN GRAPES:										
Dovine	3,693.6	213.2	20.6	23.4	3,652.8	211.8	20.6	23.4	200.00	90.00
Fiesta	45,626.0	8,971.3	22.4	21.8	45,448.1	8,942.1	22.4	21.8	199.74	90.15
Thompson Seedless	677,626.2	412,796.0	20.9	20.8	606,038.9	339,255.3	20.8	20.7	199.86	95.26
Total Raisin	**726,945.8**	**421,980.5**	**21.0**	**20.8**	**655,139.8**	**348,409.2**	**20.9**	**20.7**	**199.86**	**95.12**
TABLE GRAPES:										
Autumn Royal	2,104.9	927.3	19.8	18.4	578.7	134.0	20.0	19.5	200.00	82.87
Autumn Seedless	14.0	45.7	21.2	21.2	—	21.7	—	20.6	—	87.55
Beauty Seedless *	19.0	83.1	23.0	23.0	—	—	—	—	—	—
Black Hamburg	1.1	0.6	32.0	32.0	—	—	—	—	—	—
Black Monukka	242.6	212.3	23.2	21.4	241.7	211.2	23.2	21.4	198.84	91.51
Black Prince *	0.9	—	25.4	—	0.5	—	26.5	—	1,000.00	—
Calmeria	698.0	2,149.6	19.6	19.1	152.7	752.6	19.6	19.7	200.00	83.72
Cardinal	7.0	101.2	22.7	21.2	—	—	—	—	—	—
Christmas Rose	528.2	1,029.4	21.6	22.5	324.2	464.9	21.5	22.0	200.00	93.50
Concord	—	28.4	—	20.7	—	—	—	—	—	—
Dawn Seedless	—	25.3	—	23.0	—	—	—	—	—	—
Early Sweet	5.3	—	22.0	—	—	—	—	—	—	—
Emerald Seedless *	1,662.7	536.8	20.1	21.1	749.5	158.5	20.1	22.1	200.00	124.36
Emperor	270.3	2,766.3	18.9	16.8	59.8	559.4	18.9	18.6	200.00	79.05
Exotic	11.8	260.0	24.8	22.3	—	—	—	—	—	—
Fantasy Seedless	12.5	88.5	22.6	18.7	6.5	3.1	22.6	21.0	200.00	89.25
Flame Seedless *	13,491.4	11,199.3	21.6	22.0	7,882.0	2,064.1	21.1	23.7	200.00	96.68
Flame Tokay	1,710.8	3,029.7	18.1	17.2	1,706.4	3,018.1	18.1	17.2	194.04	85.72
Italia *	325.9	427.1	22.7	18.8	97.5	19.0	22.7	22.3	200.00	94.77
Jade Seedless	—	716.7	—	22.8	—	—	—	—	—	—
Malaga *	495.3	1,399.6	21.9	20.0	353.9	1,103.8	22.6	19.9	200.00	103.92
Perlette	32.5	309.5	21.8	22.7	—	—	—	—	—	—
Princess *	1,277.7	517.7	22.2	23.2	314.5	4.2	22.3	18.7	200.00	79.47
Queen	209.2	—	21.5	—	—	—	—	—	—	—
Red Crimson *	14,575.1	15,276.8	20.2	20.2	7,578.7	3,699.1	20.3	22.5	200.00	95.98
Red Globe *	19,442.4	14,240.1	20.8	20.2	7,178.8	5,631.3	21.2	20.3	200.00	89.06
Ribier	259.3	54.4	20.1	20.0	1.6	—	20.5	—	200.00	—
Rouge	2,835.8	1,989.2	19.5	19.5	5.7	—	25.0	—	473.68	—
Ruby Seedless *	5,105.7	6,929.9	22.8	20.9	2,118.3	2,541.6	22.8	22.2	200.00	95.86
Packinghouse Culls	397.5	48.7	22.4	22.0	397.5	—	22.5	—	250.00	—
Other Table[1]	47,654.1	19,841.7	21.0	21.0	40,079.4	13,174.8	21.2	21.7	197.13	90.13
Total Table	**113,391.0**	**84,234.9**	**20.9**	**20.5**	**69,827.9**	**33,561.4**	**21.1**	**21.1**	**198.52**	**91.35**
WINE GRAPES (WHITE):										
Arneis	70.5	57.8	23.4	23.2	60.0	52.7	23.4	23.1	2,077.82	2,473.07
Burger *	47,348.9	42,087.4	16.2	15.8	44,168.1	39,201.7	16.3	15.9	177.95	171.81
Chardonnay *	524,732.1	561,677.6	24.1	23.6	379,838.2	391,652.6	24.0	23.6	693.77	664.42
Chenin Blanc	84,566.1	96,703.5	20.5	19.7	78,938.4	89,877.0	20.4	19.6	234.20	167.53
Cortese	26.4	11.4	24.5	23.0	2.6	6.8	22.5	23.4	1,000.00	1,332.35
Emerald Riesling	1,883.8	1,697.0	22.1	22.2	1,883.8	1,678.7	22.1	22.2	309.71	191.01
Flora	38.8	30.3	22.7	22.3	35.4	27.6	22.5	22.0	1,950.00	1,810.80
Folle Blanche	12.4	17.3	23.3	21.2	—	—	—	—	—	—
French Colombard	251,004.5	309,729.6	20.7	19.9	219,607.8	268,119.8	20.7	19.9	201.41	130.84
Gewurztraminer	7,668.9	6,528.4	24.0	23.5	5,348.9	4,554.7	23.9	23.6	877.97	906.30
Gray Riesling *	135.0	37.8	20.5	20.2	59.9	31.3	19.5	19.1	1,077.19	1,110.00
Grenache Blanc	89.5	30.1	24.1	24.2	61.5	9.1	24.0	23.9	1,634.21	1,864.62
Kerner	2.4	—	23.2	—	—	—	—	—	—	—
Kleinberger	—	3.0	—	21.3	—	—	—	—	—	—
Malvasia Bianca *	8,924.4	11,415.2	19.7	18.9	6,542.4	8,467.8	19.9	19.1	329.50	263.54
Marsanne	323.7	252.2	24.0	23.2	212.4	137.6	23.8	25.3	1,141.33	1,301.65
Melon	11.1	9.9	24.7	24.7	11.1	9.9	24.7	24.7	2,170.30	2,149.87
Montonico	10.1	11.8	19.5	18.6	10.0	11.8	19.5	18.6	400.00	350.00
Muscat Blanc *	5,045.6	5,989.4	24.4	23.1	4,231.6	5,280.9	23.1	22.7	626.59	431.64
Muscat Orange	961.1	968.3	24.6	23.2	836.7	859.5	23.7	23.1	605.76	574.37
Muscat of Alexandria	33,212.1	40,284.7	23.1	21.7	30,677.0	37,544.8	23.2	21.7	319.30	182.97
Palomino *	3,315.5	3,677.2	20.9	19.9	3,271.9	3,622.3	21.0	19.9	206.08	133.00

Grape Crush Totals by Type and Variety, 2003–2004 *continued*

Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003
WINE GRAPES (WHITE) continued:										
Pinot Blanc	1,509.1	1,366.7	23.3	23.4	823.9	860.0	23.3	23.6	1,260.59	1,212.73
Pinot Gris *	48,280.0	26,936.4	22.7	21.8	41,060.9	20,294.9	22.5	21.7	596.02	663.48
Roussanne	818.1	564.4	24.5	23.9	375.4	285.9	24.9	24.5	1,775.33	1,747.23
Sauvignon Blanc	78,805.8	82,600.9	22.9	22.2	65,123.1	64,443.7	22.8	22.1	691.69	754.00
Sauvignon Musque	415.4	525.4	24.0	23.5	269.0	324.4	24.1	23.4	1,528.91	1,682.46
Sauvignon Vert *	12.2	8.8	22.7	22.9	12.2	8.4	22.7	22.8	1,618.03	1,452.14
Scheurebe	11.1	12.3	23.5	24.6	—	—	—	—	—	—
Semillon	7,814.4	8,732.9	22.4	21.6	6,762.3	7,493.1	22.2	21.4	573.52	584.06
St. Emilion *	16.4	2.6	22.4	23.9	4.9	1.4	22.4	24.0	571.43	250.00
Sylvaner	12.8	11.6	21.9	21.5	—	—	—	—	—	—
Symphony	8,214.0	7,047.9	22.9	23.3	8,135.3	7,007.2	22.9	23.3	344.98	277.41
Tocai Friulano	226.6	84.3	21.4	23.1	209.9	69.1	21.3	23.0	713.93	1,407.41
Verdelho	52.2	24.9	24.7	23.6	30.5	15.1	23.5	23.5	1,000.33	926.49
Vernaccia	51.0	28.3	23.2	24.0	46.3	25.7	23.2	24.0	1,806.87	1,978.63
Viognier	9,076.3	9,791.6	25.6	25.4	6,901.2	6,750.7	25.1	25.6	699.20	750.95
White Riesling *	9,224.7	8,466.7	22.3	22.4	6,035.4	5,915.6	22.1	22.4	926.55	808.20
Other White [1]	2,317.8	2,859.5	23.4	22.5	2,196.0	2,780.6	23.5	22.5	285.45	127.97
Total White	**1,136,240.8**	**1,230,285.1**	**22.5**	**21.8**	**913,784.0**	**967,422.4**	**22.2**	**21.6**	**487.47**	**429.17**
WINE GRAPES (RED):										
Aglianico	67.9	34.4	23.9	24.6	40.4	18.8	23.5	24.6	1,382.19	1,546.28
Aleatico	35.9	20.0	27.5	27.5	35.7	19.9	27.5	23.5	1,984.69	2,716.30
Alicante Bouschet *	3,025.2	2,921.3	23.4	22.7	2,972.8	2,631.0	23.4	22.7	390.83	369.38
Alvarelhao	50.7	37.6	24.8	25.3	26.3	28.1	25.0	25.7	1,041.26	1,057.65
Barbera	54,370.8	71,980.9	23.9	23.5	51,396.2	67,913.5	23.9	23.4	258.34	204.84
Blaufraenkisch *	6.4	13.8	25.6	24.2	—	—	—	—	—	—
Cabernet Franc	15,411.8	15,452.5	25.3	25.1	11,256.7	8,412.8	25.4	24.9	1,169.44	1,458.71
Cabernet Sauvignon	360,166.0	396,367.9	25.3	24.7	277,886.4	306,063.9	25.3	24.6	977.56	1,012.52
Carignane	22,136.4	26,731.1	24.1	22.6	21,628.8	25,969.2	24.2	22.6	292.94	204.14
Carmenere	14.9	7.0	24.6	22.8	8.4	1.6	24.1	21.6	1,502.97	2,000.00
Carmine	10.7	13.4	22.2	22.9	8.0	10.7	23.0	22.0	600.00	600.00
Carnelian	8,020.9	9,079.4	24.9	24.6	4,860.2	5,105.6	25.0	24.6	212.03	167.73
Centurian	1,846.6	1,586.6	22.8	23.5	1,152.2	1,038.1	22.9	23.6	246.40	229.73
Charbono	394.4	284.1	23.3	22.8	364.3	230.1	24.1	22.3	1,464.28	1,105.65
Cinsaut *	672.0	750.8	24.1	21.7	595.6	644.2	24.1	21.5	576.19	361.82
Counoise	105.6	89.1	22.6	23.4	50.0	61.9	22.6	22.7	1,397.45	1,218.83
De Chaunac	0.1	0.2	20.1	22.1	0.1	0.2	20.1	22.1	2,000.00	2,000.00
Dolcetto	318.0	276.6	24.1	24.1	254.1	227.1	23.9	24.0	1,874.63	1,957.78
Dornfelder	200.6	113.6	26.1	22.0	194.0	113.6	24.1	23.0	300.00	400.00
Early Burgundy	15.3	15.1	24.3	25.7	10.2	14.9	24.3	26.0	482.35	1,186.91
Freisa	60.6	46.6	24.3	23.3	54.1	39.3	24.6	23.1	1,946.88	2,141.24
Gamay (Napa) *	2,695.0	2,469.8	22.0	21.8	2,418.6	2,280.5	21.9	21.8	477.80	474.57
Gamay Beaujolais	57.3	15.4	21.0	20.0	57.0	15.4	20.9	20.0	292.15	700.00
Graciano	19.4	9.7	24.7	25.4	—	4.0	—	26.5	—	1,800.00
Grand Noir	1.5	5.6	25.0	26.2	1.5	0.2	25.0	25.0	1,500.00	2,600.00
Grenache *	75,663.1	61,476.2	21.2	21.8	74,131.4	58,120.2	21.1	21.9	232.68	195.45
Grignolino	19.6	29.4	23.7	23.3	—	—	—	—	—	—
Lagrein	94.2	314.1	25.5	21.7	93.5	308.8	25.5	21.7	752.83	511.12
Malbec	4,740.3	3,628.9	24.4	23.7	3,594.8	2,816.8	24.3	23.4	772.02	785.60
Marechal Foch *	0.5	—	24.6	—	0.1	—	23.0	—	2,000.00	—
Mataro *	1,894.8	1,567.3	24.6	25.0	1,307.3	1,052.3	25.0	24.8	1,337.78	1,379.93
Merlot	292,256.4	261,085.7	24.9	24.6	235,972.3	202,239.6	24.9	24.6	799.37	795.63
Meunier *	596.8	762.2	20.5	20.6	309.6	317.1	20.1	19.7	1,868.57	1,905.80
Mission	8,455.6	11,734.1	24.5	23.1	8,378.0	11,585.6	24.5	23.1	178.55	168.27
Montepulciano	115.8	111.9	25.4	25.5	91.2	101.1	25.5	25.7	1,503.09	1,103.91
Muscat Hamburg *	123.0	169.6	27.8	25.5	101.9	150.1	28.1	25.3	713.25	643.11
Nebbiolo	260.9	311.3	24.3	24.3	153.1	165.9	24.5	24.2	2,552.53	2,131.50
Negrette *	12.9	19.0	25.5	24.1	7.9	18.3	24.7	24.1	1,291.28	1,455.35
Negroamaro	3.7	0.6	25.2	24.2	3.7	0.6	25.2	24.2	1,410.81	1,200.00
Nero D'Avola *	2.4	—	24.4	—	2.4	—	24.4	—	1,500.00	—
Perelli 101	6.9	1.4	20.0	23.1	6.4	0.6	19.8	22.0	2,000.00	1,000.00
Petit Verdot	5,851.3	4,621.2	24.8	25.0	3,876.9	2,884.7	24.5	24.9	1,173.11	1,330.92
Petite Sirah	28,569.9	22,202.1	25.6	24.8	21,864.9	17,205.9	25.5	24.7	934.38	916.62

Grape Crush Totals by Type and Variety, 2003–2004 *continued*

Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	2004	*2003*	*2004*	*2003*	*2004*	*2003*	*2004*	*2003*	*2004*	*2003*
WINE GRAPES (RED) continued:										
Pfeffer Cabernet	8.2	—	26.1	—	5.3	—	26.0	—	1,000.00	—
Pinot Noir	70,067.9	58,252.0	25.1	24.2	42,187.0	34,249.5	25.1	24.3	1,620.14	1,614.61
Pinotage	53.4	62.8	26.3	25.7	15.2	22.1	25.6	25.1	1,330.43	1,478.82
Primitivo	837.4	690.5	24.7	25.4	639.4	556.9	24.5	25.3	797.72	913.39
Refosco *	638.4	538.1	23.5	24.3	612.8	505.3	23.4	24.3	357.37	360.78
Royalty	1,438.1	2,074.9	24.0	22.8	1,426.2	2,062.4	24.0	22.8	192.77	97.08
Rubired *	158,435.6	140,070.1	23.6	23.6	153,591.1	132,090.1	23.6	23.7	209.93	157.00
Ruby Cabernet	74,672.0	74,870.6	24.4	23.8	69,222.9	68,696.9	24.4	23.8	247.92	236.42
Salvador	2,329.9	1,892.9	23.1	23.7	2,327.9	1,885.8	23.1	23.7	199.01	177.96
Sangiovese *	9,975.5	11,235.5	23.9	24.3	7,068.1	7,716.2	23.5	23.9	693.36	711.48
Souzao	363.6	330.2	25.0	23.6	167.1	57.0	26.0	24.0	745.96	1,159.22
Syrah *	101,245.7	110,249.1	25.3	24.8	74,172.5	77,191.2	25.1	24.7	666.75	600.78
Tannat	2,280.8	1,739.8	26.6	23.9	1,779.5	1,700.1	26.9	23.8	362.99	357.15
Tempranillo *	2,899.6	3,022.1	24.6	23.8	2,305.9	2,529.0	24.6	23.7	528.49	388.69
Teroldego	140.4	112.0	24.8	24.9	117.2	102.8	25.1	24.9	1,573.64	1,509.17
Tinta Barroca	0.9	0.2	27.7	23.6	—	—	—	—	—	—
Tinta Cao	105.7	44.7	25.8	25.1	72.3	36.5	25.5	25.1	920.36	983.04
Tinta Madeira	76.5	55.0	24.8	23.8	75.7	54.9	24.8	23.8	588.78	809.84
Touriga Francesca	21.6	8.9	24.9	27.4	18.3	8.8	25.6	27.4	909.02	950.00
Touriga Nacional *	374.5	209.7	24.3	24.6	263.3	143.6	24.2	24.8	738.73	823.05
Trousseau *	23.8	21.8	26.3	24.6	14.8	17.6	25.5	24.7	936.03	1,133.06
Zinfandel	321,898.7	327,703.5	20.8	20.2	302,361.1	296,886.9	20.6	20.1	473.56	427.78
Other Red[1]	2,439.8	4,078.1	23.0	22.2	1,629.2	2,692.3	23.0	22.2	528.55	256.66
Total Red	**1,638,700.1**	**1,633,620.0**	**23.8**	**23.4**	**1,385,239.8**	**1,347,018.1**	**23.6**	**23.2**	**626.72**	**608.61**
TOTAL WINE	**2,774,940.9**	**2,863,905.1**	**23.3**	**22.7**	**2,299,023.8**	**2,314,440.5**	**23.1**	**22.5**	**571.37**	**533.60**
TOTAL ALL VARIETIES	**3,615,277.7**	**3,370,120.5**	**22.8**	**22.4**	**3,023,991.5**	**2,696,411.1**	**22.6**	**22.3**	**482.28**	**471.44**

**Synonyms for variety names are shown below.*

[1]Other categories include minor and mixed varieties.

Grape Variety Synonyms

Alicante Bouschet – Alicante
Beauty Seedless – Black Beauty
Black Prince – Rose of Peru
Blaufraenkisch – Lemberger
Burger – Monbadon
Chardonnay– Pinot Chardonnay
Cinsaut – Black Malvoisie, Black Malvasia
Emerald Seedless – Black Seedless
Flame Seedless – Red Flame
Gamay (Napa) – Gamay, Valdiguie
Gray Riesling – Trousseau Gris
Grenache – Grenache Noir
Italia – Muscat Italia
Malaga – White Malaga
Malvasia Bianca – Vennentino, Vermintino
Marechal Foch – Foch
Mataro – Mourvedre
Meunier – Pinot Meunier
Moscato Gaillo – Muscat Yellow
Muscat Blanc — Muscat Canelli, Muscat Blanc A Petits Grains
Muscat Hamburg – Black Muscat
Negrette – Pinot St. George
Nero D'Avola – Calabrese
Palomino – Golden Chasselas
Pinot Gris – Pinot Grigio
Princess – Melissa
Red Crimson – Crimson Seedless
Red Globe – Rose Ito
Refosco – Mondeuse
Rubired – Tintoria
Ruby Seedless – King Ruby
Sangiovese – Sangioveto, Brunello
Sauvignon Vert – Muscadelle
St. Emilion – Ugni Blanc, Trebbiano
Syrah – French Syrah, Shiraz, Syrah Noir
Tempranillo – Tinta Roriz, Valdepenas
Touriga Nacional – Touriga
Trousseau – Bastardo
White Riesling – Johannisberg Riesling, Riesling

Livestock and Dairy

After eight years of herd liquidation, kicked off by record corn prices in 1995/96, and persistent drought in many areas through 2003, the expansion phase of the cattle cycle was underway during 2004 according to USDA's Economic Research Service. The number of beef and dairy replacement heifers being retained by year's end was up. With modest levels of cow slaughter and increased numbers of replacement heifers calving, the calf crop was expected to rise beginning a period of cyclically rising cattle supplies. Although U.S. beef continued to be banned from most Asian markets, demand for high-quality beef throughout the world remained strong. North America is the leading source of high-quality, longer-fed beef. Australia shifted more of their production toward short-fed beef but does not have the feed grain production to shift into fed beef production comparable with North America.

California livestock cash receipts during 2004 were up a robust 22 percent from 2003.

Across the country, the dairy industry was setting records in 2004; new highs were recorded for commercial use of both milk fat and skim solids as well as record high average prices. Higher returns during the second half of 2003 and rapidly improving price prospects turned cow numbers around in early 2004 according to USDA's Economic Research Service. The reaction of cow numbers to the increase of about one-third in returns was muted. Producers were cautious about expanding their farms. Strong milk prices may have been interpreted as unique, not fundamental in the long run. Other forces helped to limit the response to record prices. The number of dairy replacement heifers was smaller at the start of 2004, particularly for heifers due to calve. The ban on imports of Canadian breeding

stock aggravated the heifer shortage. In addition, two exercises in cooperative supply management not only removed capacity early, but kept those cows from becoming part of the replacement pool. Growth in milk per cow was hit by reduced availability of bovine somatotropin in 2004. From March through November, producers could buy no more than half their normal purchases. In addition, no new customers were accepted. Forage quality problems during parts of 2004 were also a factor in reduced milk per cow, while forage supplies were fairly large, a substantial share was not dairy quality.

California livestock cash receipts during 2004 totaled $8.62 billion, up a robust 22 percent from 2003. The rise in cash receipts was powered by milk values increasing $1.34 billion from the previous year.

The Golden State's dairy industry continued its phenomenal growth as new record highs were set for the number of milk cows and milk production. In 2004, California once again led the nation in total milk production with a record 36.5 billion pounds, representing a 3 percent increase from the previous year and 21 percent of the U.S. total. The average number of cows in 2004 was 1.73 million, up 2 percent from 2003. Total milk value was $5.37 billion, up 33 percent.

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

California edged closer to Wisconsin in cheese production as it approached the 2 billion-pound level. Wisconsin remains the leader with 2.36 billion pounds while the Golden State churned out 1.99 billion pounds. California remained the leading mozzarella producer with 888 million pounds while also leading the nation with 389 million pounds of butter production.

California produced 52 percent of the nation's nonfat dry milk, 31 percent of the butter, and 22 percent of the cheese. Cheddar and mozzarella cheeses constituted approximately three-fourths of the cheese production in California.

Total production of the three red meat species (cattle, sheep and hogs) was 1.43 billion pounds, down 19 percent from the 1.76 billion pounds of a year ago. Cattle and calves marketed from California feedlots totaled 728 thousand, which is a 1 percent increase over 2003. Turkey production decreased 1 percent to 414 million pounds in 2004. Egg production of 5.38 billion eggs was down 1 percent. Due to a decline in honey producing colonies and yield per colony, honey production fell 45 percent to 17.6 million pounds.

California Livestock, Dairy, Poultry and Apiary Cash Income

Source of Income	2003	2004	Percent Change
	$1,000	*$1,000*	
Aquaculture	59,450	51,612	-13
Chickens, All	537,029	714,581	+33
Cattle and Calves	1,555,908	1,633,740	+5
Eggs, Chicken	282,458	288,412	+2
Hogs and Pigs	27,605	39,855	+44
Honey	44,702	17,726	-60
Milk and Cream	4,027,837	5,365,992	+33
Sheep and Lambs	68,861	57,612	-16
Turkeys	150,718	169,937	+13
Wool	2,765	2,788	+1
Livestock and Poultry, Other	285,842	280,885	-2
TOTAL	**7,043,175**	**8,623,140**	**+22**

Bee Colonies, Honey Production and Value, 1995–2004 [1]

Year	Bee Colonies	Yield Per Colony	Production	Average Price Per Unit [2]	Total Value
	1,000	*Pounds*	*1,000 Pounds*	*¢/Lb.*	*$1,000*
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	465	60	27,900	55	15,345
2000	440	70	30,800	59	18,172
2001	460	61	28,060	69	19,361
2002	470	50	23,500	132	31,020
2003	480	67	32,160	139	44,702
2004	390	45	17,550	101	17,726

[1] *Producers with five or more colonies.*

[2] *Prices weighted by sales.*

Milk Cows and Production by State, 2004

State	Total Production on Farms: Milk	Total Production on Farms: Change from 2003	Milk cows on farms [2]	Average milk production per cow	Rank in Production	Percent of United States Production
	Million Pounds	Percent	1,000	Pounds		Percent
Alabama	245	-2.8	17	14,412	43	0.1
Alaska	15	-12.6	1	12,167	50	0.0
Arizona	3,646	2.6	160	22,788	13	2.1
Arkansas	318	-10.2	24	13,250	39	0.2
California	36,465	2.9	1,725	21,139	1	21.3
Colorado	2,184	1.4	102	21,412	19	1.3
Connecticut	392	-5.1	20	19,600	36	0.2
Delaware	128	-3.4	7	17,230	46	0.1
Florida	2,253	4.3	138	16,326	17	1.3
Georgia	1,416	-1.9	84	16,857	25	0.8
Hawaii	81	-12.5	6	13,197	47	0.1
Idaho	9,093	3.6	424	21,446	5	5.3
Illinois	1,978	-3.4	107	18,486	20	1.2
Indiana	2,962	0.8	150	19,747	14	1.7
Iowa	3,843	0.9	193	19,912	12	2.3
Kansas	2,216	4.0	113	19,611	18	1.3
Kentucky	1,423	-2.9	110	12,936	24	0.8
Louisiana	479	-7.7	38	12,605	35	0.3
Maine	612	-1.9	34	18,000	32	0.4
Maryland	1,162	-4.4	74	15,703	28	0.7
Massachusetts	296	-10.8	17	17,412	41	0.2
Michigan	6,315	-0.9	303	20,842	8	3.7
Minnesota	8,102	-1.9	463	17,499	6	4.7
Mississippi	379	-10.4	27	14,037	37	0.2
Missouri	1,847	-2.1	122	15,139	21	1.1
Montana	347	0.6	18	19,278	38	0.2
Nebraska	1,051	-6.9	61	17,230	30	0.6
Nevada	509	4.9	25	20,360	34	0.3
New Hampshire	302	-1.0	16	18,875	40	0.2
New Jersey	200	-7.4	12	16,667	44	0.1
New Mexico	6,710	0.7	326	20,583	7	3.9
New York	11,650	-2.5	655	17,786	3	6.8
North Carolina	1,006	-3.6	57	17,649	31	0.6
North Dakota	526	1.2	34	15,471	33	0.3
Ohio	4,560	1.6	263	17,338	11	2.7
Oklahoma	1,263	-3.7	78	16,192	27	0.7
Oregon	2,270	4.3	120	18,917	16	1.3
Pennsylvania	10,062	-2.7	562	17,904	4	5.9
Rhode Island	20	-11.3	1	16,333	49	0.0
South Carolina	287	-9.7	17	16,882	42	0.2
South Dakota	1,347	1.3	80	16,838	26	0.8
Tennessee	1,155	-4.1	75	15,400	29	0.7
Texas	6,009	6.7	319	18,837	9	3.5
Utah	1,609	-0.8	88	18,284	23	0.9
Vermont	2,584	-2.0	145	17,821	15	1.5
Virginia	1,731	0.0	105	16,486	22	1.0
Washington	5,416	-3.0	237	22,852	10	3.2
West Virginia	194	-10.2	13	14,923	45	0.1
Wisconsin	22,085	-0.8	1,241	17,796	2	12.9
Wyoming	63	17.4	4	14,744	48	0.0
UNITED STATES [3]	**170,805**	**0.2**	**9,010**	**18,957**	**—**	**—**

[1]USDA National Agricultural Statistics Service, California Field Office data.

[2]Average number during year, heifers that have not freshened excluded.

[3]State totals may not add to U.S. totals because of rounding.

Milk Cows, Dairies and Cows per Dairy by County and Region, 2003–2004

County and Region [1]	2003			2004		
	Number Cows	Number Dairies [2]	Average Number Cows/Dairy	Number Cows	Number Dairies [2]	Average Number Cows/Dairy
Butte	712	5	142	661	3	220
Colusa [3]		1			0	
Contra Costa [3]		1			1	
Del Norte	2,540	10	254	3,047	10	305
Fresno	90,345	109	829	95,577	117	817
Glenn	19,398	73	266	18,404	60	307
Humboldt	16,242	93	175	16,138	92	175
Kern	98,478	46	2,141	121,147	51	2,375
Kings	153,475	155	990	162,656	165	986
Madera	57,099	56	1,020	63,934	57	1,122
Marin	10,145	29	350	10,265	29	354
Mendocino [3]		2			2	
Merced	224,734	316	711	237,854	317	750
Monterey	1,632	4	408	1,607	4	402
Placer [3]		1			1	
Sacramento	16,247	48	338	17,764	48	370
San Benito	774	3	258	842	3	281
San Joaquin	106,162	151	703	103,619	148	700
Santa Clara [3]		2			2	
Santa Cruz [3]		1			1	
Shasta		2		105	3	35
Siskiyou	1,677	5	335	1,606	5	321
Solano	3,643	5	729	4,068	5	814
Sonoma	31,192	81	385	30,660	82	374
Stanislaus	177,432	313	567	178,420	311	574
Sutter 3/		1			1	
Tehama	5,103	23	222	4,514	23	196
Tulare	437,476	323	1,354	442,853	334	1,326
Yolo	2,048	3	683	2,043	3	681
Yuba	3,302	4	825	3,278	4	820
NORTHERN CALIFORNIA	**1,465,440**	**1,866**	**785**	**1,524,373**	**1,882**	**810**
Imperial		2		4,528	3	1,509
Los Angeles [3]		2			2	
Riverside	82,213	74	1,111	67,573	55	1,229
San Bernardino	152,333	169	901	131,675	154	855
San Diego	5,500	8	688	5,397	8	675
San Luis Obispo [3]		1			1	
Santa Barbara [3]	2,296	3	765		2	
SOUTHERN CALIFORNIA	**247,295**	**259**	**955**	**213,416**	**225**	**949**
STATE TOTALS	**1,712,735**	**2,125**	**806**	**1,737,789**	**2,107**	**825**

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

Çommercial Milk Production by County and Month, 2004

County and Region [2]	January	February	March	April	May	June
	Pounds					
Butte	1,177,753	1,122,401	1,256,095	1,217,503	1,267,133	1,236,399
Colusa [3]						
Contra Costa [3]						
Del Norte	3,666,395	4,528,644	4,440,369	4,399,509	4,793,977	4,697,078
Fresno	166,574,423	161,196,646	177,055,595	177,713,567	182,510,838	178,573,414
Glenn	32,482,042	31,446,230	33,923,851	33,372,816	33,635,421	31,698,473
Humboldt	20,145,987	19,086,827	22,925,391	25,087,402	27,860,618	27,435,543
Kern	197,577,400	188,897,335	215,925,659	216,016,252	220,391,373	212,514,492
Kings	244,324,831	243,371,946	263,212,520	260,058,760	265,768,377	256,399,000
Madera	109,992,968	104,160,539	112,578,533	112,534,496	115,371,856	113,485,148
Marin	17,890,167	16,795,633	17,988,944	17,554,233	18,726,812	18,432,672
Mendocino [3]						
Merced	404,398,916	386,360,732	425,268,707	417,323,927	430,391,368	416,544,042
Monterey	2,738,085	2,493,307	2,665,547	2,801,283	2,819,998	2,834,757
Placer 3/						
Sacramento	28,877,292	26,921,811	30,030,110	30,307,453	32,250,046	32,215,956
San Benito	1,304,369	1,253,317	1,367,955	1,341,930	1,490,959	1,513,171
San Joaquin	180,229,443	170,502,181	184,263,957	181,703,907	189,391,195	182,974,321
Santa Clara [3]						
Santa Cruz [3]						
Shasta	124,112	137,775	164,361	155,321	159,877	128,811
Siskiyou	2,864,700	2,772,101	3,024,838	2,947,528	3,018,405	2,900,780
Solano	7,012,272	6,597,953	7,051,592	6,920,746	7,165,172	6,925,537
Sonoma	57,503,538	49,477,692	53,485,912	52,084,467	55,156,883	54,933,453
Stanislaus	298,912,619	287,096,828	312,291,429	310,768,282	322,491,393	314,156,623
Sutter [3]						
Tehama	7,731,599	7,369,736	8,155,753	8,274,933	8,568,794	8,237,097
Tulare	795,010,660	748,043,792	809,523,475	800,080,749	811,753,307	769,062,517
Yolo	3,467,057	3,407,045	3,763,242	3,569,317	3,640,616	3,514,787
Yuba	5,897,998	5,396,291	6,025,291	5,944,665	6,046,254	5,685,285
NORTHERN CALIFORNIA	**2,595,930,772**	**2,474,210,004**	**2,702,647,219**	**2,677,640,584**	**2,751,096,987**	**2,651,633,152**
Imperial	4,996,333	4,985,046	7,419,487	8,432,321	8,187,209	6,888,085
Los Angeles [3]						
Riverside	130,328,431	119,941,733	127,106,949	123,091,569	124,043,868	114,449,477
San Bernardino	245,601,292	241,196,185	245,526,524	243,681,380	242,998,063	230,722,331
San Diego	9,294,931	8,966,671	9,711,481	9,612,017	9,906,800	9,338,093
San Luis Obispo [3]						
Santa Barbara [3]						
SOUTHERN CALIFORNIA	**397,500,636**	**381,834,875**	**397,105,581**	**392,403,783**	**392,913,848**	**369,062,604**
STATE TOTALS	**2,993,431,408**	**2,856,044,879**	**3,099,752,800**	**3,070,044,367**	**3,144,010,835**	**3,020,695,756**

[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
Pounds						
1,262,707	1,110,918	1,240,816	1,055,049	998,709	986,106	13,931,589
4,806,145	4,618,675	4,144,603	4,106,686	3,908,546	4,015,314	52,125,941
185,845,908	186,452,106	180,273,357	187,621,452	180,759,277	190,208,274	2,154,784,857
31,957,154	31,799,555	30,694,945	31,797,587	30,607,282	34,585,148	388,000,504
28,201,145	27,183,209	25,807,422	24,397,115	21,726,458	22,016,964	291,874,081
208,197,464	211,928,950	209,889,752	222,790,826	224,061,304	241,563,736	2,569,754,543
260,751,169	263,874,390	256,514,018	264,504,762	256,530,910	264,956,660	3,100,267,343
116,758,236	116,167,008	112,382,081	114,527,998	108,479,821	111,476,727	1,347,915,411
19,187,276	18,766,516	17,899,092	18,159,470	17,293,165	17,686,164	216,380,144
430,618,686	433,258,592	417,195,283	428,817,576	404,057,167	420,419,575	5,014,654,571
3,080,951	3,011,281	2,936,949	2,864,660	2,765,292	2,875,523	33,887,633
33,534,842	33,752,632	31,794,065	32,224,395	30,660,628	31,938,358	374,507,588
1,654,878	1,606,723	1,551,773	1,580,677	1,499,108	1,581,946	17,746,806
188,468,571	188,359,888	178,802,009	184,153,875	174,807,862	180,934,860	2,184,592,069
118,390	128,984	122,098	130,043	128,787	143,342	1,641,901
2,918,405	2,925,795	2,668,492	2,670,342	2,564,032	2,580,308	33,855,726
7,309,231	7,438,762	7,201,426	7,559,862	7,190,872	7,393,395	85,766,820
56,895,604	55,845,160	53,369,227	53,842,203	51,183,093	52,501,298	646,278,530
327,285,871	329,191,871	312,709,507	322,022,991	308,963,957	315,724,192	3,761,615,563
8,518,686	8,629,280	8,056,528	7,914,280	7,502,623	6,210,008	95,169,317
770,499,938	773,173,762	756,401,246	788,009,402	765,696,782	806,473,363	9,393,728,993
3,529,969	3,635,952	3,573,802	3,717,798	3,556,032	3,697,548	43,073,165
5,651,762	5,708,154	5,496,483	5,609,643	5,538,189	6,117,722	69,117,737
2,702,401,861	**2,714,147,029**	**2,626,015,354**	**2,715,556,282**	**2,615,725,525**	**2,731,486,937**	**31,958,491,706**
7,337,053	5,641,660	6,905,159	7,237,670	7,083,947	6,916,517	82,030,487
117,063,213	114,524,298	110,962,588	114,800,917	108,430,894	114,070,804	1,418,814,741
231,826,814	223,536,390	212,827,730	221,497,196	208,209,232	217,136,010	2,764,759,147
9,404,597	9,501,403	9,329,606	9,756,532	9,146,973	9,358,928	113,328,032
373,519,333	**361,091,037**	**347,615,461**	**361,191,352**	**340,203,961**	**355,029,825**	**4,469,472,296**
3,075,921,194	**3,075,238,066**	**2,973,630,815**	**3,076,747,634**	**2,955,929,486**	**3,086,516,762**	**36,427,964,002**

Beef Cow Operations and Inventory, Percentage by Size Groups, 1995–2004						
Year	1–99 Head		100–499 Head		500+ Head	
	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Percent of Total					
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	85.1	21.0	12.6	45.0	2.3	34.0
2002	84.1	19.0	13.6	45.0	2.3	36.0
2003	84.3	19.0	13.3	46.0	2.4	35.0
2004	84.3	18.0	13.0	45.0	2.6	37.0

Cattle Operations and Inventory, Percentage by Size Groups, 1995–2004								
Year	1–99 Head		100–499 Head		500–999 Head		1,000+ Head	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Percent of Total							
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	74.3	6.0	14.8	15.0	5.2	15.0	5.7	64.0
2002	73.5	5.5	15.0	14.5	5.5	15.0	6.0	65.0
2003	72.2	5.0	15.6	13.0	5.6	14.0	6.7	68.0
2004	71.8	4.5	14.7	11.5	5.9	14.0	7.6	70.0

Cattle and Calves Average Prices Received, 1995–2004

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
							$/Cwt.						
ALL BEEF CATTLE [1]													
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	53.90
2002	48.20	51.90	55.50	52.70	51.70	51.50	50.50	49.40	49.50	47.80	49.10	52.10	50.80
2003	55.00	56.70	56.80	59.40	61.00	58.50	61.50	62.80	64.80	67.40	69.70	70.70	62.00
2004	62.40	60.80	66.00	70.40	72.90	73.30	75.20	72.30	69.60	67.80	65.40	68.50	68.70
BEEF STEERS AND HEIFERS [2]													
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
2002	69.00	72.00	73.00	68.00	67.00	65.50	65.00	65.00	67.00	66.50	71.00	74.50	68.40
2003	77.50	78.50	76.00	78.50	78.50	77.00	76.50	81.00	88.50	96.00	97.50	94.50	83.20
2004	82.00	80.00	85.50	87.00	90.50	93.30	93.50	90.00	88.00	89.00	88.80	90.80	88.30
BEEF COWS [3]													
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
2002	36.00	39.00	40.50	38.00	37.00	37.00	36.50	35.00	34.00	32.50	32.50	34.50	35.90
2003	35.00	36.50	39.00	39.50	42.00	38.50	44.50	44.50	42.00	42.00	44.00	46.00	41.10
2004	42.00	41.50	44.00	48.50	48.60	48.80	53.70	52.30	49.70	47.50	44.60	46.10	47.20
CALVES [4]													
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
2002	91.00	93.50	93.50	85.00	84.50	80.00	77.50	79.00	79.00	79.50	88.00	95.00	85.40
2003	93.00	91.00	92.00	95.00	94.00	93.00	93.00	97.00	99.00	100.00	101.00	109.00	96.60
2004	109.00	101.00	110.00	115.00	107.00	110.00	112.00	108.00	112.00	113.00	120.00	120.00	111.00

[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, 1995–2004

Year	January–March	April–June	July–September	October–December	Annual Total
			1,000 Head		
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
2002	162	186	160	163	671
2003	181	192	187	161	721
2004	183	192	179	174	728

Cattle and Calves Slaughtered Under Federal and State Inspections, 1995–2004

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total [1]
							1,000 Head						
CATTLE													
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
2002	102	90	97	107	111	108	114	116	110	120	109	111	1,294
2003	119	103	110	115	119	119	121	115	121	123	104	113	1,380
2004	111	101	112	104	103	113	107	114	114	108	111	120	1,318
CALVES													
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
2002	10	9	9	10	10	9	12	11	10	10	10	12	121
2003	13	12	11	10	11	11	13	11	11	10	9	11	132
2004	9	9	10	7	7	8	8	9	8	8	8	8	99

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

Average Live Weights of Cattle and Calves Slaughtered Under Federal and State Inspections, 1995–2004

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
							Pounds						
CATTLE													
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
2002	1,305	1,295	1,308	1,290	1,312	1,294	1,273	1,269	1,280	1,288	1,275	1,286	1,289
2003	1,275	1,280	1,278	1,280	1,290	1,280	1,268	1,256	1,256	1,284	1,283	1,264	1,274
2004	1,274	1,266	1,307	1,296	1,301	1,308	1,315	1,326	1,334	1,342	1,343	1,341	1,313
CALVES													
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
2002	166	171	163	152	143	133	130	123	138	152	141	140	145
2003	126	133	143	166	190	187	177	187	190	190	200	222	175
2004	213	209	177	143	149	140	135	133	138	141	141	139	156

Cattle by Class as of January 1, 1996–2005

Year	Cows That Have Calved			Heifers 500+ Lbs.			Other Cattle			
	Beef	Dairy	All	Cow Replacements Beef	Cow Replacements Milk	Other Heifers	Calves Under 500 Lbs.	Bulls 500+ Lbs.	Steers 500+ Lbs.	All Cattle and Calves
	1,000 Head									
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
2003	740	1,670	2,410	130	790	170	1,070	65	615	5,250
2004	720	1,700	2,420	125	730	170	1,050	65	640	5,200
2005	720	1,740	2,460	130	760	190	1,120	70	670	5,400

Cattle Inventory, Supply and Disposition, 1995–2004

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	
	1,000 Head								
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
2002	5,200	2,040	700	1,934	502	14	90	150	5,250
2003	5,250	2,050	670	2,013	502	15	90	150	5,200
2004	5,200	2,070	750	1,886	472	12	95	155	5,400

[1] *Includes custom slaughter for use on farms where produced, but excludes inter-farm sales.*

[2] *Excludes custom slaughter for farmers at commercial establishments.*

Manufactured Dairy Products, 1999–2004

Commodity	1999	2000	2001	2002	2003	2004 [1]
			1,000 Pounds			
BUTTER	343,389	360,013	341,103	379,462	363,833	388,969
ALL CHEESE TOTAL [2]	1,387,582	1,496,653	1,643,334	1,722,211	1,830,927	1,996,428
American Cheese Total	597,048	641,662	745,391	785,436	789,629	828,974
Cheddar	427,517	461,691	539,221	561,567	523,716	538,318
Monterey, Jack and Other	169,531	179,971	206,170	223,869	265,913	290,656
Italian Cheese Total	698,563	725,572	772,827	789,833	886,650	993,818
Mozzarella	619,470	634,006	675,623	697,751	791,981	887,705
Other Italian	79,093	91,566	97,204	92,082	94,669	106,113
Hispanic Cheese	58,388	65,252	70,636	78,691	82,306	89,076
All Other Cheese	11,314	37,781	24,423	42,861	48,043	56,679
CREAMED AND LOW FAT COTTAGE CHEESE TOTAL	101,647	100,769	98,410	96,416	96,645	99,742
Creamed	34,065	33,496	31,690	31,086	31,288	31,932
Low Fat [3]	67,582	67,273	66,720	65,330	65,357	67,810
CURD COTTAGE CHEESE TOTAL	53,520	48,684	40,258	41,758	39,892	41,924
YOGURT, PLAIN AND FLAVORED	238,110	257,211	264,304	454,483	479,226	454,302
MILK, NONFAT DRY FOR HUMAN CONSUMPTION	652,040	692,954	694,459	758,985	738,303	736,750
MILK, UNSWEETENED CONDENSED SKIM	648,213	522,391	468,728	505,092	480,473	493,000
			1,000 Gallons			
ICE CREAM [4]	139,692	137,534	143,525	130,419	133,531	130,607
LOW FAT ICE CREAM TOTAL [5]	35,684	31,355	26,859	22,336	29,321	26,777
Hard	6,603	8,038	4,965	6,922	6,039	2,582
Soft	29,081	23,317	21,894	15,414	23,282	24,195
MILK SHERBET	8,323	7,299	7,000	7,929	6,851	6,810
WATER ICES	3,993	5,011	3,001	3,557	2,447	[6]

[1]*Preliminary 2004 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.*

[6]*Not shown when fewer than three plants reported or individual plant operations could be disclosed.*

Milk Cow Average Prices Received, 1995–2004 [1]

Year	January	April	July	October	Annual Average
			Dollars Per Head		
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
2002	1,800	1,900	1,800	1,450	1,740
2003	1,380	1,250	1,230	1,350	1,300
2004	1,350	1,550	1,700	1,650	1,560

[1]*For dairy herd replacement.*

Milk Cows Calved, Milk Production and Value, 1995–2004

Year	Milk Cows and Heifers Calved		Production Per Milk Cow		Production on Farms		Value Per Unit	Total Value [1]
	January 1	Annual Average	Milk	Milk Fat	Milk	Milk Fat		
	1,000 Head	*1,000 Head*	*Pounds*	*Pounds*	*Million Pounds*	*Million Pounds*	*$/Cwt.*	*$1,000*
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	19,451	714	27,620	1,014	15.01	4,138,857
1999	1,440	1,465	20,781	761	30,444	1,114	13.45	4,088,935
2000	1,490	1,526	21,130	778	32,245	1,187	11.50	3,704,035
2001	1,560	1,589	20,904	771	33,217	1,226	13.94	4,625,431
2002	1,620	1,648	21,277	785	35,065	1,294	10.94	3,832,501
2003	1,670	1,688	20,993	770	35,437	1,301	11.38	4,032,731
2004	1,700	1,725	21,139	776	36,465	1,338	14.73	5,371,295

[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, 1995–2004

Year	1–49 Head		50–99 Head		100–199 Head		200+ Head [1]		200–499 Head		500+ Head	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Percent of Total											
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
2002	15.8	0.3	3.3	0.3	8.3	1.9	72.5	97.5	26.7	13.5	45.8	84.0
2003	16.3	0.3	3.3	0.3	8.8	1.9	71.7	97.5	25.8	12.5	45.8	85.0
2004	16.5	0.2	3.5	0.3	7.8	1.5	72.2	98.0	24.3	11.0	47.8	87.0

[1]*Starting in 1997, the 200+ head class was broken out into 200+ head, 200–499 head, and 500+ head classes.*

Grazing Fee Annual Average Rates, 1995–2004 [1]

Year	Per Animal Unit [2]	Cow-Calf	Per Head
		Dollars Per Month	
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
2002	12.80	16.50	14.00
2003	13.50	17.50	14.30
2004	14.50	19.50	15.50

[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).*

Layers and Egg Production, 2003–2004

Month	Average Number of Layers			Average Number of Eggs Per 100 Layers			Total Egg Production		
	2003	2004	2004/2003	2003	2004	2004/2003	2003	2004	2004/2003
	1,000	*1,000*	*Percent*	*Number*	*Number*	*Percent*	*Millions*	*Millions*	*Percent*
December [1]	23,016	20,769	90	2,259	2,244	99	520	466	90
January	22,565	20,442	91	2,194	2,172	99	495	444	90
February	21,825	20,416	94	1,979	2,077	105	432	424	98
March	20,749	20,398	98	2,222	2,245	101	461	458	99
April	20,260	20,110	99	2,108	2,138	101	427	430	101
May	20,392	20,014	98	2,118	2,203	104	432	441	102
June	20,223	20,171	100	2,111	2,152	102	427	434	102
July	19,921	20,298	102	2,259	2,232	99	450	453	101
August	20,101	20,127	100	2,229	2,266	102	448	456	102
September	20,058	20,105	100	2,149	2,203	103	431	443	103
October	20,144	20,578	102	2,264	2,289	101	456	471	103
November	20,721	20,614	99	2,220	2,231	100	460	460	100
Average/Total	**20,831**	**20,337**	**98**	**2,176**	**2,204**	**101**	**5,439**	**5,380**	**99**

[1]*December of previous year.*

Broiler Production and Value, 1995–2004 [1]

Year	Broilers	Average Live Weight	Meat Produced	Value Per Unit [2]	Total Value [3]
	1,000 Head	*Pounds*	*1,000 Pounds*	*¢/Lb.*	*$1,000*
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	—	—	—	—	—
2002	—	—	—	—	—
2003	—	—	—	—	—
2004	—	—	—	—	—

[1]*Data not published since 1998 to avoid disclosure of individual operations.*

[2]*Live weight equivalent price.*

[3]*Gross income including home consumption.*

Egg Production and Value, 1995–2004 [1]

Year	Eggs	Value Per Unit [2]	Total Value
	Millions	*¢/Dozen*	*$1,000*
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	309,019
1999	6,606	47.9	263,663
2000	6,319	45.3	238,796
2001	6,082	47.1	238,951
2002	6,257	39.2	204,232
2003	5,439	62.3	282,458
2004	5,380	64.3	288,412

[1]*Data covers the 12-month period of December 1 (of the previous year) through November 30.*
[2]*Average of all eggs, including hatching eggs.*

Turkey Production and Value, 1995–2004

Year	Turkeys	Meat Produced	Value Per Unit[1]	Total Value
	1,000 Head	*1,000 Pounds*	*¢/Lb.*	*$1,000*
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
2002	17,700	438,960	36.0	158,026
2003	17,300	418,660	36.0	150,718
2004	15,700	414,480	41.0	169,937

[1]*Live weight equivalent price.*

Hogs and Pigs by Class as of December 1, 1995–2004

Year	Hogs and Pigs		Market Hogs				
	All	Breeding	Under 60 Pounds	60–119 Pounds	120–179 Pounds	180 Pounds and Over	Total
				1,000 Head			
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	35	25	11	19	90
2002	150	22	39	32	29	28	128
2003	135	20	35	25	28	27	115
2004	140	20	32	32	26	30	120

Sows Farrowed and Pig Crop, 1995–2004

Year	December–November		
	Sows Farrowed	Pig Crop	Pigs Per Litter
	1,000 Head	*1,000 Head*	*Number*
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
2002	35	304	8.7
2003	34	321	9.4
2004	39	352	9.0

Hogs and Pigs Inventory, Supply and Disposition, 1995–2004

Year	Beginning Inventory December 1 (Previous Year)	Pig Crop (Dec.–Nov.)	Inshipments[1]	Marketings [2]	Farm Slaughter [3]	Deaths	Ending Inventory December 1
				1,000 Head			
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	30	278	6	25	110
2002	110	304	45	284	5	20	150
2003	150	321	45	352	5	24	135
2004	135	352	40	350	7	30	140

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

[2]*Includes custom slaughter for use on farms where produced and state out-shipments, but excludes inter-farm sales.*

[3]*Excludes custom slaughter for farmers at commercial establishments.*

Hogs and Pigs Slaughtered Under Federal and State Inspections, 1995–2004

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total [1]
							1,000 Head						
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
2002	208	176	186	196	204	185	208	214	206	232	187	228	2,429
2003	216	179	194	198	200	197	206	199	199	216	194	234	2,432
2004	228	180	220	213	184	215	207	215	224	204	210	222	2,520

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

Average Live Weights of Hogs and Pigs Slaughtered Under Federal and State Inspections, 1995–2004

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
							Pounds						
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
2002	229	225	231	234	239	236	229	226	230	234	236	238	232
2003	237	238	240	241	241	235	230	230	236	240	242	243	238
2004	241	244	249	246	246	243	239	237	238	243	249	246	243

Sheep and Lambs by Class as of January 1, 1996–2005

Year	All Sheep	Sheep and Lambs On Feed for Market [1]	Stock Sheep			
			Ewes 1 Yr. +	Replacment Lambs	Wethers and Rams 1 Yr. +	Total
			1,000 Head			
1996	920	495	355	55	15	425
1997	880	455	360	50	15	425
1998	800	410	345	35	10	390
1999	830	440	330	45	15	390
2000	810	440	310	45	15	370
2001	805	435	310	45	15	370
2002	755	405	290	45	15	350
2003	730	380	290	50	10	350
2004	680	355	275	40	10	325
2005	670	345	275	40	10	325

Sheep and Lambs Shorn, Wool Production and Value, 1995–2004

Year	Sheep and Lambs Shorn	Production		Value Per Unit	Total Value
		Per Animal	Total		
	1,000 Head	*Pounds*	*1,000 Pounds*	*$/Lb.*	*$1,000*
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	490	7.6	3,700	0.61	2,257
1999	480	7.7	3,700	0.35	1,295
2000	510	7.4	3,750	0.29	1,088
2001	480	7.3	3,500	0.35	1,225
2002	510	7.1	3,600	0.45	1,620
2003	500	7.0	3,500	0.79	2,765
2004	480	7.1	3,400	0.82	2,788

Sheep and Lambs Inventory, Supply and Disposition, 1995–2004

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	
				1,000 Head					
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	50	501	5	24	13	830
1999	830	290	360	70	562	5	19	14	810
2000	810	300	355	47	578	5	17	13	805
2001	805	280	305	60	538	5	19	13	755
2002	755	280	320	51	538	5	18	13	730
2003	730	260	330	61	545	5	18	11	680
2004	680	260	245	39	445	5	15	11	670

[1]*Totals include new crop lambs.*

[2]*Includes custom slaughter for use on farms where produced, but excludes inter-farm sales within the state.*

Sheep and Lambs Average Prices Received, 1995–2004

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average [1]
							$/Cwt.						
SHEEP													
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
2002	30.00	30.00	31.00	27.50	27.00	22.00	26.00	29.50	30.50	25.50	34.00	36.50	27.10
2003	37.00	37.50	32.00	32.00	30.00	29.00	28.00	29.50	32.50	36.00	40.50	42.50	31.30
2004	36.00	43.00	43.00	35.00	32.50	28.00	28.50	30.50	35.00	36.50	36.50	42.50	32.20
LAMBS													
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
2002	60.50	63.50	63.00	61.00	62.00	72.50	75.00	73.50	74.50	74.50	77.00	79.00	69.40
2003	82.00	86.00	90.50	90.00	91.00	92.00	85.00	83.00	88.50	89.00	87.50	87.00	88.00
2004	89.00	93.00	96.00	91.00	91.50	94.00	89.00	86.00	87.50	86.50	86.50	90.50	90.40

[1]*Average weighted by amount sold each month.*

Livestock Production and Income, 1995–2004

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								
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	1,973,218	2,320,992	—	—	912,020	1,125,422	11,266	1,136,688
1999	2,098,832	2,618,759	—	—	923,619	1,309,130	11,798	1,320,928
2000	2,046,485	2,521,311	—	—	901,048	1,315,788	10,341	1,326,129
2001	2,095,317	2,579,469	—	—	1,001,269	1,433,448	10,371	1,443,819
2002	1,946,475	2,471,910	—	—	901,666	1,302,336	10,294	1,312,630
2003	2,109,123	2,591,214	—	—	1,214,171	1,652,374	13,056	1,665,430
2004	2,106,527	2,444,366	—	—	1,344,345	1,731,207	12,210	1,743,417
CATTLE AND CALVES			**(Cattle)**	**(Calves)**				
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	1,992,529	2,438,240	53.90	94.10	945,595	1,354,452	8,734	1,363,186
2002	1,832,884	2,330,200	50.80	85.40	848,133	1,228,722	8,947	1,237,669
2003	1,987,446	2,431,400	62.00	96.60	1,148,018	1,555,908	11,112	1,567,020
2004	1,982,875	2,297,050	68.70	111.00	1,267,226	1,633,740	10,110	1,643,850
SHEEP AND LAMBS			**(Sheep)**	**(Lambs)**				
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	48,291	70,777	30.50	74.80	34,863	49,989	798	50,787
1999	48,438	81,924	28.70	74.80	34,313	56,953	783	57,736
2000	50,705	82,346	31.50	79.10	37,912	62,005	813	62,818
2001	50,049	82,129	30.20	67.30	32,101	52,143	712	52,855
2002	48,524	79,240	27.10	69.40	31,843	51,968	710	52,678
2003	49,707	83,779	31.30	88.00	40,848	68,861	934	69,795
2004	45,285	67,326	32.20	90.40	38,504	57,612	968	58,580
HOGS AND PIGS			**(Hogs/Pigs)**					
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	52,739	59,100	44.90	—	23,573	26,853	925	27,778
2002	65,067	62,470	34.20	—	21,690	21,646	637	22,283
2003	71,970	76,035	35.70	—	25,305	27,605	1,010	28,615
2004	78,367	79,990	49.50	—	38,615	39,855	1,132	40,987

[1] *Live weight: adjustments made for changes in inventory and for in-shipments.*

[2] *Live weight: excludes custom slaughter for use on farms where produced and inter-farm sales within the state.*

[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 in-shipments and out-shipments of feeder pigs.*

Livestock Inventory by Class and County, January 1, 2004–2005

County	2004			2005		
	All Cattle	Beef Cows	Milk Cows	All Cattle	Beef Cows	Milk Cows
Del Norte	10,000	—	—	11,000	1,000	3,000
Humboldt	60,000	22,000	16,000	62,000	20,000	16,100
Mendocino	19,000	—	—	21,000	10,000	—
District 10 Total	**89,000**	**22,000**	**16,000**	**94,000**	**31,000**	**19,100**
Shasta	32,000	16,000	500	32,000	16,000	—
Siskiyou	62,000	34,000	1,500	64,000	33,000	1,600
Trinity	5,000	3,000	—	5,000	3,000	—
District 20 Total	**99,000**	**53,000**	**2,000**	**101,000**	**52,000**	**1,600**
Lassen	46,000	25,000	—	49,000	27,000	—
Modoc	70,000	41,000	—	73,000	44,000	—
Plumas	15,000	6,000	—	14,000	6,000	—
District 30 Total	**131,000**	**72,000**	**—**	**136,000**	**77,000**	**—**
Alameda	20,000	9,000	—	19,000	9,000	—
Contra Costa	19,000	—	—	18,000	7,000	—
Lake	8,000	5,000	—	8,000	5,000	—
Marin	35,000	9,000	10,200	34,000	10,000	10,300
Monterey	70,000	25,000	1,500	72,000	24,000	1,600
Napa	7,000	4,000	—	8,000	4,000	—
San Benito	39,000	14,000	800	40,000	15,000	900
San Francisco	—	—	—	—	—	—
San Luis Obispo	82,000	37,000	500	80,000	35,000	—
San Mateo	2,000	2,000	—	3,000	1,000	—
Santa Clara	23,000	—	—	23,000	11,000	—
Santa Cruz	3,000	1,000	—	3,000	1,000	—
Sonoma	80,000	14,000	32,000	80,000	13,000	30,500
District 40 Total	**388,000**	**120,000**	**45,000**	**388,000**	**135,000**	**43,300**
Butte	19,000	9,000	1,000	22,000	9,000	700
Colusa	16,000	—	—	20,000	11,000	—
Glenn	64,000	17,000	17,900	67,000	18,000	18,400
Sacramento	66,000	16,000	18,000	69,000	17,000	17,800
Solano	44,000	14,000	4,000	51,000	17,000	4,100
Sutter	10,000	—	—	11,000	5,000	—
Tehama	66,000	28,000	5,300	70,000	28,000	4,500
Yolo	16,000	7,000	2,000	20,000	8,000	2,000
Yuba	31,000	7,000	3,300	38,000	7,000	3,300
District 50 Total	**332,000**	**98,000**	**51,500**	**368,000**	**120,000**	**50,800**
Fresno	396,000	23,000	92,000	413,000	22,000	96,000
Kern	264,000	36,000	88,000	300,000	34,000	121,000
Kings	265,000	5,000	146,000	282,000	5,000	163,000
Madera	145,000	15,000	53,000	156,000	14,000	64,000
Merced	466,000	29,000	225,000	480,000	27,000	238,000
San Joaquin	216,000	19,000	106,000	220,000	18,000	104,000
Stanislaus	424,000	41,000	173,000	430,000	39,000	178,000
Tulare	904,000	31,000	433,000	919,000	29,000	443,000
District 51 Total	**3,080,000**	**199,000**	**1,316,000**	**3,200,000**	**188,000**	**1,407,000**

Livestock Inventory by Class and County, January 1, 2004–2005 *continued*

County	2004			2005		
	All Cattle	Beef Cows	Milk Cows	All Cattle	Beef Cows	Milk Cows
Alpine	2,000	2,000	—	2,000	2,000	—
Amador	19,000	10,000	—	19,000	11,000	—
Calaveras	27,000	14,000	—	27,000	13,000	—
El Dorado	8,000	4,000	—	8,000	4,000	—
Inyo	17,000	—	—	18,000	10,000	—
Mariposa	23,000	10,000	—	21,000	11,000	—
Mono	6,000	3,000	—	6,000	3,000	—
Nevada	5,000	3,000	—	5,000	3,000	—
Placer	19,000	—	—	20,000	9,000	—
Sierra	7,000	3,000	—	6,000	3,000	—
Tuolumne	12,000	7,000	—	14,000	8,000	—
District 60 Total	**145,000**	**56,000**	**—**	**146,000**	**77,000**	**—**
Imperial	411,000	—	—	448,000	1,000	4,500
Los Angeles	5,000	—	—	5,000	1,000	—
Orange	1,000	500	—	1,000	700	—
Riverside	175,000	4,500	87,000	169,000	4,300	68,000
San Bernardino	270,000	3,000	158,000	262,000	3,000	132,000
San Diego	24,000	6,000	5,500	27,000	6,000	5,400
Santa Barbara	42,000	19,000	2,500	45,000	20,000	—
Ventura	8,000	4,000	—	10,000	4,000	—
District 80 Total	**936,000**	**37,000**	**253,000**	**967,000**	**40,000**	**209,900**
Other Districts [1]	—	63,000	16,500	—	—	8,300
STATE	**5,200,000**	**720,000**	**1,700,000**	**5,400,000**	**720,000**	**1,740,000**

[1] *Includes counties from one or more districts to avoid disclosure of individual operations.*

Vegetable and Melon Crops

According to the USDA Economic Research Service, per capita use of fresh vegetables and melons in the United States increased 2 percent to a record 174 pounds in 2004. Per capita use increased for spinach, cauliflower, onions, cabbage and romaine and leaf lettuce. Per capita use declined for garlic, asparagus, celery and tomatoes.

Per capita use of U.S. processing vegetables increased 1 percent to 122.5 pounds. Consumption of freezing vegetables increased 2 percent to 21.6 pounds, while use of canning vegetables increased 2 percent to 101.7 pounds.

Of the major vegetable crops estimated by USDA's National Agricultural Statistics Service, California continued to be the leading fresh market state, accounting for 43 percent of harvested area, 49 percent of production, and 53 percent of value.

The total value of California's 2004 fresh and processing vegetable and melon production was $7.2 billion, up from last year's revised total of $7.18 billion. All lettuce led the vegetable crops in value of production at $1.46 billion followed by tomatoes at $1.09 billion. Broccoli, carrots, celery, sweet corn, all peppers, spinach and tomatoes were among the crops showing increased values of production. Artichokes, cauliflower, garlic and all lettuce were among the crops experiencing declines in value.

…record high temperatures initiated a nearly perfect spring and summer growing season, stimulating vigorous growth…

Notable Increases in Production:

Peppers, All	12%
Spinach	11%
Tomatoes, All	25%
Watermelon	23%

Significant Decreases in Production:

Artichokes	18%
Asparagus	11%
Garlic	13%
Pumpkins	10%

Slow and steady development of crops marked the start of the year as cool wet conditions greeted the winter vegetable crop. Soggy field conditions and cool soil temperatures remained as March began. However, as the spring progressed, record high temperatures initiated a nearly perfect spring and summer growing season, stimulating vigorous growth in many vegetable growing areas. Many fields produced record to near record yields. A levee break during June flooded several asparagus and processing tomato fields providing one of the few black marks for 2004. By mid-October, rains returned and the first significant snow fell in the mountains ending what had been a fairly active fire season. The fall moisture slowed or suspended fieldwork in many areas. Intermittent rain continued through the rest of the year while determined California farmers planted and nurtured their crops between storms.

Vegetable and Melon Acreage, Production and Value, 1995–2004

Crop	Crop Year	Harvested Acres	Yield Per Acre Cwt.	Production Cwt.	Value Per Unit [1] $/Cwt.	Total Value $1,000
ARTICHOKES	1995	8,900	92	819,000	75.70	61,965
	1996	8,900	100	890,000	73.50	65,416
	1997	9,300	100	930,000	79.50	73,910
	1998	9,700	90	873,000	70.60	61,633
	1999	9,800	115	1,125,000	67.00	75,395
	2000	8,800	115	1,012,000	60.30	61,021
	2001	8,000	125	1,000,000	58.60	58,559
	2002	8,200	115	943,000	71.50	67,425
	2003	7,200	140	1,008,000	75.10	75,701
	2004	7,500	110	825,000	87.30	72,023
ASPARAGUS	1995	28,000	28	784,000	117.00	91,728
	1996	29,000	26	754,000	85.80	64,691
	1997	30,100	27	813,000	115.00	93,224
	1998	32,200	26	837,000	138.00	115,270
	1999	33,800	33	1,115,000	142.00	158,330
	2000	37,000	32	1,184,000	122.00	144,448
	2001	35,000	30	1,050,000	156.00	163,800
	2002	34,000	30	1,020,000	114.00	116,280
	2003	27,000	34	918,000	122.00	111,996
	2004	24,000	34	816,000	141.00	115,056
BEANS, FRESH MARKET SNAP	1995	7,000	100	700,000	50.20	35,140
	1996	7,800	90	702,000	47.80	33,566
	1997	4,500	100	450,000	52.00	23,400
	1998	4,700	95	447,000	67.80	30,307
	1999	5,100	95	485,000	58.90	28,567
	2000	5,500	100	550,000	56.00	30,800
	2001	5,400	80	432,000	64.40	27,821
	2002	6,500	100	650,000	62.60	40,690
	2003	5,800	100	580,000	55.70	32,306
	2004	7,000	110	770,000	66.80	51,436
BROCCOLI	1995	115,000	125	14,375,000	27.40	394,272
	1996	122,000	120	14,640,000	26.60	388,753
	1997	119,000	130	15,470,000	27.90	431,301
	1998	121,000	130	15,730,000	28.90	454,383
	1999	130,000	140	18,200,000	23.80	432,973
	2000	133,000	140	18,620,000	30.90	575,349
	2001	122,000	140	17,080,000	25.70	439,387
	2002	118,500	140	16,590,000	29.30	486,192
	2003	120,000	150	18,000,000	32.00	575,224
	2004	128,000	150	19,200,000	32.60	625,721
BRUSSELS SPROUTS [2]	1995	3,400	165	561,000	25.70	14,390
	1996	3,800	180	684,000	29.40	20,120
	1997	3,200	160	512,000	41.40	21,180
	1998	3,200	160	512,000	41.00	20,985
	1999	3,200	180	576,000	37.20	21,419
	2000	2,600	180	468,000	34.40	16,115
	2001	2,200	180	396,000	36.50	14,471
	2002	—	—	—	—	—
CABBAGE, FRESH MARKET	1995	10,000	370	3,700,000	15.50	57,350
	1996	10,000	350	3,500,000	12.60	44,100
	1997	13,800	340	4,692,000	14.90	69,911
	1998	14,000	330	4,620,000	16.50	76,230
	1999	12,500	320	4,000,000	13.40	53,600
	2000	11,900	370	4,403,000	13.10	57,679
	2001	10,900	380	4,142,000	13.80	57,160
	2002	11,600	400	4,640,000	14.00	64,960
	2003	13,500	390	5,265,000	16.00	84,240
	2004	13,600	410	5,576,000	18.20	101,483

Vegetable and Melon Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Harvested Acres	Yield Per Acre Cwt.	Production Cwt.	Value Per Unit [1] $/Cwt.	Total Value $1,000
CARROTS, FRESH MARKET	1995	72,500	300	21,750,000	16.60	361,050
	1996	85,700	300	25,710,000	13.60	349,656
	1997	83,200	360	29,998,000	13.00	389,974
	1998	69,000	285	19,665,000	11.40	224,181
	1999	70,000	285	19,950,000	17.20	343,140
	2000	69,000	285	19,665,000	13.30	261,545
	2001	69,000	290	20,010,000	18.10	362,181
	2002	69,000	290	20,010,000	20.30	406,203
	2003	68,000	300	20,400,000	20.40	416,160
	2004	66,500	300	19,950,000	21.70	432,915
CARROTS, PROCESSING	1995	5,500	462	2,542,200	3.64	9,254
	1996	4,300	670	2,880,200	3.02	8,698
	1997	2,700	641	1,730,000	3.28	5,666
	1998	4,500	628	2,826,000	3.35	9,453
	1999	4,400	623	2,739,000	3.61	9,877
	2000	4,900	600	2,940,000	4.07	11,966
	2001	3,300	586	1,934,000	4.52	8,750
	2002	2,100	574	1,205,000	5.40	6,509
	2003	3,500	646	2,261,000	5.00	11,305
	2004	4,300	640	2,752,000	5.55	15,274
CAULIFLOWER	1995	43,000	137	5,875,000	33.70	198,275
	1996	41,500	152	6,310,000	32.30	203,499
	1997	37,500	154	5,790,000	31.40	181,829
	1998	39,000	150	5,850,000	31.20	182,650
	1999	41,000	155	6,355,000	27.30	173,725
	2000	38,000	160	6,080,000	30.30	184,312
	2001	36,500	155	5,658,000	28.00	158,545
	2002	35,500	150	5,325,000	29.40	156,649
	2003	34,000	160	5,440,000	35.30	192,210
	2004	36,000	165	5,940,000	31.90	189,675
CELERY	1995	24,000	685	16,440,000	16.50	272,037
	1996	24,500	700	17,150,000	10.60	181,606
	1997	24,000	695	16,680,000	14.80	247,371
	1998	24,500	680	16,666,000	11.60	193,256
	1999	25,000	700	17,500,000	12.00	209,940
	2000	24,000	720	17,280,000	18.80	324,850
	2001	25,500	695	17,723,000	14.40	255,841
	2002	25,000	710	17,750,000	12.70	225,405
	2003	25,300	715	18,090,000	13.30	241,324
	2004	25,100	700	17,570,000	15.10	265,081
CORN, FRESH MARKET SWEET	1995	22,300	150	3,345,000	18.70	62,552
	1996	24,100	155	3,736,000	17.60	65,754
	1997	27,000	145	3,915,000	17.20	67,338
	1998	32,000	175	5,600,000	15.80	88,480
	1999	26,000	165	4,290,000	16.10	69,069
	2000	24,000	165	3,960,000	18.70	74,052
	2001	22,000	170	3,740,000	22.30	83,402
	2002	26,000	175	4,550,000	19.40	88,270
	2003	28,500	190	5,415,000	21.80	118,047
	2004	28,000	210	5,880,000	29.50	173,460
CUCUMBERS, FRESH MARKET	1995	5,200	315	1,638,000	25.90	42,424
	1996	6,000	330	1,980,000	28.20	55,836
	1997	6,300	315	1,985,000	24.70	49,030
	1998	6,000	320	1,920,000	30.90	59,328
	1999	6,500	310	2,015,000	26.80	54,002
	2000	4,500	285	1,283,000	28.50	36,566
	2001	4,700	240	1,128,000	30.00	33,840
	2002	4,300	240	1,032,000	27.80	28,690
	2003	4,000	200	800,000	33.30	26,640
	2004	3,400	185	629,000	41.80	26,292

Vegetable and Melon Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Harvested Acres	Yield Per Acre Cwt.	Production Cwt.	Value Per Unit [1] $/Cwt.	Total Value $1,000
EGGPLANT [2]	2000	1,600	205	328,000	27.50	9,020
	2001	1,400	235	329,000	24.50	8,061
	2002	—	—	—	—	—
ESCAROLE AND ENDIVE [2]	2000	2,400	160	384,000	36.70	14,093
	2001	2,400	150	360,000	35.50	12,780
	2002	—	—	—	—	—
GARLIC	1995	28,500	165	4,703,000	31.40	147,714
	1996	35,000	175	6,125,000	32.10	196,333
	1997	33,000	170	5,610,000	47.90	268,776
	1998	38,000	145	5,510,000	37.70	207,511
	1999	40,000	185	7,400,000	29.60	218,947
	2000	29,000	165	4,785,000	29.40	140,447
	2001	30,000	170	5,100,000	31.50	160,420
	2002	27,000	175	4,725,000	29.60	140,056
	2003	29,000	185	5,365,000	27.20	146,038
	2004	26,000	180	4,680,000	27.70	129,522
GREENS, COLLARD [2]	2000	700	190	133,000	36.00	4,788
	2001	700	170	119,000	38.80	4,617
	2002	—	—	—	—	—
GREENS, KALE [2]	2000	2,000	215	430,000	33.20	14,276
	2001	1,800	190	342,000	28.70	9,815
	2002	—	—	—	—	—
GREENS, MUSTARD [2]	2000	3,200	170	544,000	36.80	20,019
	2001	3,400	140	476,000	36.90	17,564
	2002	—	—	—	—	—
LETTUCE, HEAD	1995	144,000	295	42,480,000	25.00	1,062,000
	1996	150,500	290	43,645,000	15.40	672,133
	1997	141,000	350	49,350,000	19.40	957,390
	1998	135,000	315	42,525,000	16.30	693,158
	1999	140,000	380	53,200,000	13.70	728,840
	2000	130,000	390	50,700,000	18.80	953,160
	2001	128,000	380	48,640,000	18.50	899,840
	2002	130,000	380	49,400,000	14.90	736,060
	2003	132,000	375	49,500,000	21.00	1,039,500
	2004	139,000	375	52,125,000	15.10	787,088
LETTUCE, LEAF	1995	37,000	210	7,770,000	31.90	247,863
	1996	36,000	210	7,560,000	25.10	189,756
	1997	42,000	205	8,660,000	28.30	245,385
	1998	38,000	215	8,170,000	30.50	249,185
	1999	41,000	220	9,020,000	23.80	214,676
	2000	43,000	235	10,105,000	29.60	299,108
	2001	44,000	215	9,460,000	24.90	235,554
	2002	46,000	240	11,040,000	27.70	305,808
	2003	49,000	230	11,270,000	31.80	358,386
	2004	47,000	230	10,810,000	25.90	279,979
LETTUCE, ROMAINE	1995	23,000	280	6,440,000	24.40	157,136
	1996	23,500	275	6,463,000	18.60	120,212
	1997	25,000	280	7,000,000	19.20	134,400
	1998	25,000	280	7,000,000	21.60	151,200
	1999	30,000	315	9,450,000	18.00	170,100
	2000	35,000	315	11,025,000	20.10	221,603
	2001	39,000	280	10,920,000	17.50	191,100
	2002	45,000	315	14,175,000	19.50	276,413
	2003	60,000	300	18,000,000	29.70	534,600
	2004	64,000	320	20,480,000	19.30	395,264

Vegetable and Melon Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Harvested Acres	Yield Per Acre Cwt.	Production Cwt.	Value Per Unit [1] $/Cwt.	Total Value $1,000
MELONS, CANTALOUPE	1995	59,300	200	11,860,000	17.30	205,178
	1996	59,000	220	12,980,000	17.90	232,342
	1997	62,300	210	13,083,000	17.70	231,569
	1998	58,000	220	12,760,000	17.10	218,196
	1999	61,000	210	12,810,000	17.30	221,613
	2000	57,500	230	13,225,000	17.10	226,148
	2001	54,500	245	13,353,000	18.90	252,372
	2002	52,000	250	13,000,000	16.70	217,100
	2003	49,000	245	12,005,000	15.40	184,877
	2004	51,000	250	12,750,000	13.80	175,950
MELONS, HONEYDEW	1995	18,100	160	2,896,000	18.70	54,155
	1996	20,300	170	3,451,000	16.50	56,942
	1997	20,500	180	3,690,000	18.50	68,265
	1998	19,000	190	3,610,000	19.30	69,673
	1999	20,500	180	3,690,000	21.10	77,859
	2000	20,000	185	3,700,000	18.60	68,820
	2001	20,000	185	3,700,000	19.70	72,890
	2002	20,400	185	3,774,000	16.80	63,403
	2003	18,500	200	3,700,000	17.50	64,750
	2004	17,900	220	3,938,000	17.80	70,096
MELONS, WATERMELON	1995	16,800	380	6,384,000	14.30	91,291
	1996	17,100	440	7,524,000	10.50	79,002
	1997	17,000	460	7,820,000	10.90	85,283
	1998	15,000	450	6,750,000	12.30	83,025
	1999	14,700	430	6,321,000	9.80	61,946
	2000	12,300	535	6,581,000	11.70	76,998
	2001	11,800	530	6,254,000	10.90	68,169
	2002	11,500	510	5,865,000	12.70	74,486
	2003	11,700	480	5,616,000	12.10	67,954
	2004	13,500	510	6,885,000	10.60	72,981
MUSHROOMS, AGARICUS	94-95	501	2,475	1,240,000	106.00	130,911
	95-96	503	2,682	1,349,000	104.00	140,796
	96-97	514	2,549	1,310,000	109.00	142,642
	97-98	529	2,461	1,302,000	119.00	155,554
	98-99	563	2,377	1,338,000	119.00	158,638
	99-00	548	2,412	1,322,000	122.00	161,612
	00-01	526	2,456	1,292,000	126.00	162,988
	01-02	524	2,460	1,289,000	134.00	172,168
	02-03	520	2,456	1,277,000	133.00	170,234
	03-04	490	2,520	1,235,000	140.00	172,943
ONIONS, SPRING	1995	8,700	440	3,828,000	14.00	53,592
	1996	9,600	385	3,696,000	9.80	36,221
	1997	9,600	450	4,320,000	14.30	61,776
	1998	9,100	445	4,050,000	14.10	57,105
	1999	7,300	440	3,212,000	11.90	38,223
	2000	6,800	435	2,958,000	10.60	31,335
	2001	6,200	430	2,666,000	13.50	35,991
	2002	5,700	475	2,708,000	14.20	38,454
	2003	7,500	490	3,675,000	22.90	84,158
	2004	7,100	505	3,586,000	15.10	54,149
ONIONS, SUMMER STORAGE [3,4]	1995	32,100	415	13,322,000	7.20	93,649
	1996	33,500	430	14,405,000	7.70	108,860
	1997	31,300	440	13,772,000	7.80	105,829
	1998	37,700	415	15,646,000	9.71	149,439
	1999	39,000	435	16,965,000	7.53	125,936
	2000	34,000	445	15,130,000	7.98	118,684
	2001	29,800	405	12,069,000	7.26	85,748
	2002	28,200	410	11,562,000	7.27	82,238
	2003	35,000	420	14,700,000	7.54	108,904
	2004	28,500	430	12,255,000	7.90	94,795

Vegetable and Melon Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Harvested Acres	Yield Per Acre Cwt.	Production Cwt.	Value Per Unit [1] $/Cwt.	Total Value $1,000
ONIONS, SUMMER NON-STORAGE [5]	2000	6,200	395	2,449,000	12.00	29,388
	2001	7,000	450	3,150,000	13.50	42,525
	2002	6,600	480	3,168,000	12.90	40,867
	2003	7,500	530	3,975,000	13.70	54,458
	2004	8,400	560	4,704,000	13.20	62,093
ONIONS, PROCESSING [6]	1998	—	—	9,327,000	6.55	61,092
	1999	—	—	12,550,000	6.55	82,203
	2000	—	—	10,580,000	6.30	66,654
	2001	—	—	9,125,000	5.50	50,188
	2002	—	—	8,602,000	5.30	45,591
	2003	—	—	10,800,000	5.18	55,944
	2004	—	—	8,130,000	5.13	41,707
PEPPERS, BELL	1995	24,000	290	6,960,000	27.10	188,523
	1996	25,500	300	7,650,000	22.70	173,506
	1997	21,000	300	6,300,000	24.60	155,040
	1998	22,000	285	6,270,000	27.20	170,374
	1999	22,500	330	7,425,000	29.80	220,997
	2000	21,000	300	6,300,000	27.30	171,788
	2001	22,000	325	7,150,000	25.50	182,343
	2002	19,000	370	7,030,000	28.50	200,618
	2003	18,500	390	7,215,000	28.60	206,606
	2004	21,000	380	8,003,000	34.60	277,120
PEPPERS, CHILI [7]	2000	4,800	230	1,104,000	35.60	39,270
	2001	4,400	225	990,000	36.80	36,403
	2002	4,700	230	1,081,000	38.40	41,463
	2003	4,800	230	1,104,000	33.50	36,999
	2004	5,300	245	1,310,000	42.10	55,122
PUMPKINS [5]	2000	5,900	305	1,800,000	10.60	19,080
	2001	6,100	240	1,464,000	11.20	16,397
	2002	5,500	280	1,540,000	11.50	17,710
	2003	4,900	250	1,225,000	12.40	15,190
	2004	4,400	250	1,100,000	15.30	16,830
RADISHES [2]	2000	1,500	250	375,000	26.00	9,750
	2001	1,600	230	368,000	24.50	9,016
	2002	—	—	—	—	—
SPINACH, FRESH MARKET	1995	8,400	160	1,340,000	34.50	46,230
	1996	9,000	150	1,350,000	30.90	41,715
	1997	15,200	175	2,660,000	31.20	82,992
	1998	15,000	160	2,400,000	35.40	84,960
	1999	17,000	150	2,550,000	31.40	80,070
	2000	17,000	180	3,060,000	30.70	93,942
	2001	15,000	155	2,325,000	32.60	75,795
	2002	21,000	155	3,255,000	34.60	112,623
	2003	26,000	160	4,160,000	40.70	169,312
	2004	28,000	170	4,760,000	42.00	199,920
SPINACH, PROCESSING [8]	2002	7,300	204	1,489	595.00	8,861
	2003	10,600	159	1,688	549.00	9,272
	2004	7,800	224	1,747	590.00	10,308
SQUASH [5]	2000	8,300	180	1,490,000	20.10	29,951
	2001	8,000	190	1,520,000	18.50	28,060
	2002	7,900	190	1,501,000	20.90	31,384
	2003	7,500	195	1,463,000	22.70	33,241
	2004	7,500	210	1,575,000	29.20	45,973

Vegetable and Melon Acreage, Production and Value, 1995–2004 *continued*

Crop	Crop Year	Harvested Acres	Yield Per Acre Cwt.	Production Cwt.	Value Per Unit [1] $/Cwt.	Total Value $1,000
TOMATOES, FRESH MARKET	1995	38,000	270	10,260,000	18.70	191,862
	1996	37,400	280	10,472,000	24.80	259,706
	1997	34,000	285	9,860,000	26.50	261,630
	1998	43,000	240	10,320,000	33.10	341,592
	1999	47,000	260	12,220,000	22.30	272,506
	2000	44,000	290	12,760,000	29.80	380,248
	2001	42,000	270	11,340,000	24.90	282,366
	2002	40,000	315	12,600,000	25.30	318,780
	2003	34,000	300	10,200,000	35.90	366,180
	2004	37,000	290	10,730,000	39.20	420,616
MISCELLANEOUS VEGETABLES AND MELONS, FRESH MARKET AND PROCESSING [9]	1995	189,000	—	66,172,000	—	842,009
	1996	252,000	—	88,363,000	—	979,673
	1997	177,000	—	62,697,000	—	816,125
	1998	229,000	—	74,867,000	—	957,122
	1999	228,000	—	85,107,000	—	951,520
	2000	194,000	—	73,063,000	—	920,215
	2001	212,000	—	74,688,000	—	960,780
	2002	310,000	—	120,063,000	—	1,403,880
	2003	216,000	—	76,433,000	—	1,091,236
	2004	241,000	—	89,477,000	—	1,141,361

[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 discontinued in 2002.

[3]Includes fresh and processed.

[4]Onion production includes quantity harvested, but not marketed because of loss during storage (shrinkage): 1995 – 266,000 cwt.; 1996 – 292,000 cwt; 1997 – 278,000 cwt; 1998 to 2004 – 250,000 cwt. Storage loss amounts are excluded when computing total value. Includes some quantities not marketed and excluded in computing value.

[5]Program initiated in 2000.

[6]Program initiated in 1998. Included in summer storage onions.

[7]Program began in 1929, but was reinitiated in 2000 after being discontinued for nine years.

[8]Program initiated in 2002.

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

Processing Vegetable Acreage, Production and Value, 1995–2004

Crop	Crop Year	Harvested	Yield Per Acre	Production	Value Per Unit		Total Value
					First Delivery Point	Processing Plant Door	
		Acres	Tons	Tons	$/Ton	$/Ton	$1,000
TOMATOES, PROCESSING	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
	2002	291,000	37.99	11,056,000	50.30	56.80	627,981
	2003	274,000	33.77	9,252,000	50.20	57.20	529,214
	2004	281,000	41.54	11,672,000	50.20	57.40	669,973
CUCUMBERS, PICKLES [1]	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	—	—	—	—	—	—
	2002	—	—	—	—	—	—
	2003	—	—	—	—	—	—
	2004	—	—	—	—	—	—

[1]*Data for 1999-2004 not published to avoid disclosure of individual operations.*

Processing Tomatoes by County, 2004

County	Contracted and Open Market			
	Planted	Harvested	Yield Per Acre	Production [1]
	Acres	Acres	Tons	Tons
Colusa	22,900	20,500	43.02	881,900
Fresno	106,200	103,300	43.51	4,495,000
Glenn	100	100	40.00	4,000
Kings	22,900	22,500	37.34	840,200
Madera	1,800	1,500	41.20	61,800
Merced	16,700	15,600	41.09	641,000
Sacramento	2,400	2,200	35.91	79,000
San Joaquin	38,500	35,000	40.03	1,401,000
Stanislaus	13,800	12,400	42.07	521,700
Sutter	6,300	6,200	41.81	259,200
Yolo	44,000	37,300	40.00	1,492,000
Other Counties [2]	25,400	24,400	40.79	995,200
Total	301,000	281,000	41.54	11,672,000

[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 Contra Costa, Imperial, Kern, San Benito, Santa Clara, Solano and Tulare.*

Vegetable and Melon Monthly Average Prices Received, 1995–2004 [1]

Crop	Crop Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
							$/Cwt.						
ASPARAGUS	1995	150.00	118.00	93.60	161.00	90.00	107.00	—	—	—	—	—	—
	1996	84.50	84.50	87.90	85.30	85.70	81.10	80.00	—	—	—	—	—
	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	—	—	—	—
	2001	219.00	256.00	147.00	150.00	133.00	177.00	176.00	145.00	—	137.00	129.00	—
	2002	218.00	162.00	119.00	99.80	119.00	129.00	146.00	—	—	—	—	—
	2003	98.90	96.30	104.00	144.00	118.00	147.00	189.00	132.00	166.00	145.00	128.00	—
	2004	—	271.00	121.00	142.00	140.00	145.00	231.00	218.00	204.00	201.00	128.00	—
BROCCOLI	1995	24.70	34.30	54.40	34.00	26.50	27.30	19.50	31.30	27.70	23.60	20.80	26.90
	1996	34.60	22.00	30.90	25.20	28.20	30.60	24.10	24.10	23.90	24.30	37.90	40.00
	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	21.60	55.10
	2002	53.40	44.90	33.80	24.00	20.80	28.40	27.00	29.60	40.60	24.00	32.20	25.20
	2003	25.10	29.20	27.90	27.10	29.70	24.60	27.00	29.80	49.10	38.90	42.80	52.20
	2004	33.40	28.30	21.30	24.00	27.20	28.70	24.20	29.70	57.00	43.90	44.20	45.40
CARROTS	1995	18.90	16.80	18.60	19.40	19.20	15.20	14.60	14.60	14.60	15.30	15.50	12.60
	1996	12.50	13.70	15.90	15.70	11.60	11.00	10.40	14.10	12.50	12.50	13.80	14.00
	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	19.30
	2002	19.30	19.70	21.10	21.20	21.20	21.50	20.50	20.20	20.20	19.90	19.60	19.50
	2003	19.30	19.10	18.70	19.40	19.90	19.90	19.90	20.80	22.00	21.50	22.90	24.30
	2004	24.50	24.90	24.60	24.20	24.90	22.50	20.20	18.50	18.00	17.90	18.10	18.00
CAULIFLOWER	1995	31.40	31.50	53.90	68.40	47.70	37.60	26.70	34.20	25.40	21.10	22.60	33.20
	1996	35.20	36.10	52.80	37.00	37.70	35.70	24.30	26.80	22.60	28.70	36.20	38.00
	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	21.50	56.10
	2002	53.40	44.90	33.80	24.00	20.80	28.40	27.00	29.60	40.60	24.00	32.20	25.20
	2003	24.70	30.40	30.80	27.60	39.50	46.30	27.40	24.90	40.40	25.80	57.00	75.50
	2004	28.10	41.80	23.80	23.50	28.80	46.20	27.50	26.00	31.00	32.20	43.80	54.40
CELERY	1995	24.30	26.00	20.60	33.30	24.50	14.40	11.30	10.40	16.80	13.10	12.90	11.40
	1996	7.90	8.50	12.20	11.60	8.90	11.50	11.10	9.20	10.80	9.30	12.80	13.00
	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	8.64	9.62
	2002	10.10	19.50	23.50	18.60	12.30	9.37	10.10	9.94	10.60	9.34	14.10	10.20
	2003	8.29	11.80	12.60	17.00	11.00	9.34	12.10	10.70	12.20	15.70	20.60	15.30
	2004	20.80	24.40	13.90	15.60	15.00	13.80	11.10	8.51	10.40	14.60	18.10	13.40
CORN, SWEET	1995	—	—	—	21.20	19.90	19.00	19.70	15.50	16.10	22.30	20.90	26.00
	1996	—	—	—	21.50	17.10	16.20	16.70	16.10	19.50	19.20	19.40	25.00
	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
	2002	—	—	—	29.60	25.00	19.40	19.00	15.70	19.50	17.40	19.00	16.70
	2003	—	—	—	27.50	21.00	23.20	17.60	16.60	22.20	24.10	31.60	43.40
	2004	—	—	—	32.20	24.50	25.60	22.10	28.30	32.10	47.10	46.70	36.80

Vegetable and Melon Monthly Average Prices Received, 1995–2004 [1] *continued*

Crop	Crop Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
							$/Cwt.						
MELONS, CANTALOUPE [2]	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	20.00	23.70
	2002	—	—	—	—	21.80	12.60	14.50	10.80	14.80	21.30	16.50	20.00
	2003	—	—	—	—	17.60	14.10	14.30	15.80	14.40	15.20	27.70	19.80
	2004	—	—	—	—	15.70	12.00	10.50	14.30	15.40	13.80	22.00	33.80
MELONS, HONEYDEW	1995	—	—	—	—	23.50	27.60	22.00	16.90	13.70	21.20	18.40	20.20
	1996	—	—	—	—	15.90	19.80	13.60	13.40	16.70	22.40	21.00	20.00
	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	20.40	—
	2002	—	—	—	—	22.40	17.30	19.50	12.30	11.60	17.10	13.90	15.20
	2003	—	—	—	—	37.00	21.30	20.40	12.40	17.30	18.10	18.00	21.50
	2004	—	—	—	—	18.40	17.90	14.90	19.20	17.70	18.30	26.40	29.00
LETTUCE, HEAD	1995	14.20	9.87	41.20	48.50	48.50	15.60	12.50	16.50	25.90	15.00	11.60	12.20
	1996	17.80	9.26	17.20	13.30	13.20	15.10	12.70	23.60	13.60	15.60	23.50	25.00
	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	10.90	29.60
	2002	29.00	43.10	80.60	13.60	9.97	10.50	11.30	14.60	14.30	13.30	11.60	11.70
	2003	12.60	11.60	10.10	14.20	21.20	32.20	11.90	21.50	23.90	26.30	31.70	21.30
	2004	12.80	20.60	11.50	14.90	10.50	13.30	10.70	17.10	15.20	24.10	14.90	15.70
ONIONS, SPRING	1995	—	—	—	18.60	15.60	9.30	11.40	—	—	—	—	—
	1996	—	—	—	10.70	9.60	9.90	9.50	—	—	—	—	—
	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	—	—	—	—	—
	2002	—	—	—	13.70	13.70	15.00	14.20	—	—	—	—	—
	2003	—	—	—	38.60	29.80	20.00	15.10	—	—	—	—	—
	2004	—	—	—	16.00	16.10	14.50	14.40	—	—	—	—	—
ONIONS, SUMMER	1995	25.00	25.00	25.00	—	—	—	11.40	9.50	12.10	14.10	15.00	17.50
	1996	15.90	15.80	16.00	—	—	—	9.50	10.00	13.10	15.60	12.70	17.50
	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	11.90
	2002	11.60	11.20	11.20	—	—	—	14.20	12.50	11.00	11.30	11.40	12.10
	2003	18.70	22.70	33.40	—	—	—	15.10	12.00	13.10	15.10	11.20	18.50
	2004	21.50	21.00	21.40	—	—	—	14.70	12.10	12.30	11.90	11.80	11.30
TOMATOES	1995	—	—	—	—	—	32.80	17.10	12.70	17.20	20.20	22.70	28.00
	1996	—	—	—	—	—	26.80	23.50	20.60	22.40	27.60	31.60	—
	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	28.40	—
	2002	—	—	—	—	—	27.30	24.80	22.50	21.30	25.90	38.40	—
	2003	—	—	—	—	—	49.00	37.80	46.20	33.70	29.50	30.50	29.10
	2004	—	—	—	—	—	17.30	19.90	34.60	36.00	64.90	89.00	—

[1] *Prices are f.o.b. shipping point.*

California Agricultural Exports

The year 2004 set a new record for California's agricultural exports, surpassing $8 billion for the first time. This represents a 9 percent increase over 2003 and a 25 percent increase over 2002.

The export value of the top 50 commodities increased 10 percent from 2003 to 2004. In 2004, 29 of the 50 principal products increased in value while 18 products decreased in value, and a few others remained almost unchanged. The top 10 agricultural exports combined increased by 15 percent in 2004, despite the fact that exports of beef and beef-products, which are usually within the top 10 group, fell significantly as a result of international trade barriers.

Almonds have been the top export commodity for several years. The almond crop showed a 27 percent net increase in export value in 2004, most of which is explained by higher prices. Combined export value of the four grape export products – wine, table grapes, raisins and grape juice – was higher than almond exports in previous years. In 2004, however, almond exports were slightly higher than the combined grape export products.

California's dairy products' export value increased by 35 percent in 2004. Mexico remained a strong market for nonfat dry milk. As a result, dairy exports climbed to the fourth position in the ranking, displacing oranges, which show very little change from 2003.

California exports agricultural products to almost 150 countries, but the 10 principal destinations

accounted for 84 percent of the 2004 export value, and the top four destinations – the EU-25, Canada, Japan and Mexico – accounted for two-thirds of the total. The European Union has been the main market for California agricultural exports for the past two years. It accounted for 25 percent of the 2004 export value. The European Union is the principal destination for wine, nuts and dried fruits.

The ratio of quantity exported to quantity produced increased 1 percent in 2004. Even though the primary market for California agricultural production is still the rest of the country, foreign markets have become relatively more important in the past five years. In 1999, only 16 percent of the local production was being shipped to overseas markets, whereas in 2004 this figure was 22 percent.

The European Union has been the main market for California agricultural exports for the past two years.

Methodology

California's agricultural export statistics are developed annually by the Agricultural Issues Center at UC 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 (ERS) publications.

Agricultural Issues Center (AIC) export estimates differ from other sources, such as USDA's Economic Research Service, on methodological issues. The ERS estimates are based on a state's share of production of the exported commodity. It is assumed that, for any particular commodity, a state's share of U.S. production equals that state's share of U.S. exports. Other sources use port data instead, without direct links to where the product originated. The AIC export figures correspond to commodities that have been produced within the state. Products originated in another state and exported via California ports are not included in these statistics.

In most cases the final AIC report presents the export data at the individual commodity level. For instance, exports of a given fruit in fresh, canned and dried forms are added up and listed under the name of the fruit, although the estimation of fresh fruit exports may differ from the methodology used for canned and dried fruit. The ratio of quantity exported to quantity produced is given on a farm weight basis. That means, for example, that wine is converted back into fresh grapes. Standard conversion factors published by the USDA and United Nations Food and Agriculture Organization are applied.

For the 2004 report we have followed the same methodology applied in 2003. However, some of the previously published figures for 2003 and 2002 have been reviewed and adjusted, based on new information obtained from our sources.

Agricultural Commodity Export Values and Rankings, 2003–2004

Commodity	Rank	2003 California Export Value *$1,000*	2004 California Export Value *$1,000*	Percent Change
Almonds	1	1,081,181	1,369,687	27
Wine [1]	2	551,793	683,847	24
Cotton	3	676,436	629,322	-7
Table Grapes	4	386,272	453,862	17
Dairy and Products	5	326,246	439,916	35
Oranges and Products [2]	6	343,756	345,183	0
Rice	7	217,144	279,688	29
Tomatoes, Processed [1]	8	238,679	250,263	5
Walnuts	9	213,898	240,466	12
Strawberries [1]	10	197,878	204,495	3
Raisins	11	164,670	195,099	18
Lettuce [2]	12	178,062	188,258	6
Pistachios	13	135,307	178,965	32
Dried Plums	14	133,634	130,105	-3
Peaches and Nectarines [2]	15	125,741	123,340	-2
Hay [1]	16	106,748	106,646	0
Broccoli [1]	17	96,925	99,435	3
Beef and Products	18	214,663	80,071	-63
Carrots [1]	19	76,311	78,356	3
Lemons [2]	20	75,529	77,041	2
Cherries	21	65,369	76,677	17
Tomatoes, Fresh	22	54,000	67,700	25
Celery [1]	23	42,802	49,786	16
Cauliflower [2]	24	53,153	47,990	-10
Grapefruit [2]	25	48,065	43,001	-11
Onions [1]	26	46,303	40,692	-12
Flowers and Nursery	27	37,823	40,631	7
Melons [2]	28	39,374	39,339	0
Plums	29	58,502	37,630	-36
Grape Juice	30	30,432	29,833	-2
Wheat [1]	31	38,564	26,622	-31
Peppers [2]	32	21,916	26,351	20
Potatoes [2]	33	28,325	24,130	-15
Pears	34	14,540	21,425	47
Garlic	35	22,300	21,178	-5
Asparagus[1]	36	26,729	17,975	-33
Apples	37	19,918	16,971	-15
Cottonseed and Byproducts	38	9,236	16,903	83
Olives	39	11,101	15,636	41
Turkey [1]	40	12,375	13,085	6
Apricots [1]	41	15,500	12,719	-18
Dates	42	13,870	12,459	-10
Kiwi	43	8,759	10,581	21
Figs	44	8,029	9,211	15
Chickens	45	5,476	7,002	28
Dry Beans [1]	46	7,984	6,497	-19
Eggs	47	6,397	5,322	-17
Artichokes	48	2,943	4,188	42
Mushrooms [3]	49	2,095	2,321	11
Avocados	50	1,455	2,216	52
TOTAL PRINCIPAL COMMODITIES		**6,294,211**	**6,900,114**	**10**
TOTAL OTHER PRODUCTS [1]		**1,207,246**	**1,294,317**	**7**
TOTAL ALL AGRICULTURAL EXPORTS		**7,501,457**	**8,194,431**	**9**

[1] 2003 figures were revised based on updated production data from the U.S. Department of Agriculture's/National Agricultural Statistics Service.

[2] 2003 figures were revised based on updated Canadian import data.

[3] 2003 figures were revised based on updated port data from the U.S. Department of Commerce's/International Trade Commission.

Source: University of California, Agricultural Issues Center.

California Share of U.S. Agricultural Exports, 2003–2004

Commodity	2003 Export Value Total U.S.	2003 Export Value California	California Percent Share	2004 Export Value Total U.S.	2004 Export Value California	California Percent Share
	$1,000			$1,000		
Animal Products	**8,018,317**	**565,157**	**7.0**	**5,782,028**	**545,396**	**9.4**
Dairy and Products	1,034,070	326,246	31.5	1,482,069	439,916	29.7
Beef and Products	5,000,196	214,663	4.3	2,022,743	80,071	4.0
Turkey [1]	221,655	12,375	5.6	261,696	13,085	5.0
Chickens	1,607,483	5,476	0.3	1,828,076	7,002	0.4
Eggs	154,913	6,397	4.1	187,444	5,322	2.8
Field Crops	**9,268,658**	**1,323,118**	**14.3**	**11,622,305**	**1,340,071**	**11.5**
Cotton	3,203,300	676,436	21.1	4,222,396	629,322	14.9
Rice	1,036,119	217,144	21.0	1,177,139	279,688	23.8
Tomatoes, Processed [1]	259,979	238,679	91.8	268,683	250,263	93.1
Hay [1]	513,358	106,748	20.8	489,349	106,646	21.8
Wheat [1]	4,028,442	38,564	1.0	5,223,335	26,622	0.5
Potatoes [2]	88,447	28,325	32.0	71,699	24,130	33.7
Cottonseed and Byproducts	122,166	9,236	7.6	152,449	16,903	11.1
Dry Beans [1]	16,847	7,984	47.4	17,255	6,497	37.7
Fruits and Wine	**3,602,212**	**2,314,189**	**64.2**	**3,770,188**	**2,540,668**	**67.4**
Wine [1]	612,724	551,793	90.1	750,503	683,847	91.1
Table Grapes	392,904	386,272	98.3	457,489	453,862	99.2
Oranges and Products [2]	620,766	343,756	55.4	544,554	345,183	63.4
Strawberries [1]	210,270	197,878	94.1	216,976	204,495	94.2
Raisins	164,670	164,670	100.0	195,099	195,099	100.0
Dried Plums	133,634	133,634	100.0	130,105	130,105	100.0
Peaches and Nectarines [2]	150,251	125,741	83.7	141,329	123,340	87.3
Lemons [2]	94,369	75,529	80.0	86,432	77,041	89.1
Cherries	181,000	65,369	36.1	190,194	76,677	40.3
Grapefruit [2]	277,767	48,065	17.3	282,024	43,001	15.2
Melons [2]	99,640	39,374	39.5	98,054	39,339	40.1
Plums	61,581	58,502	95.0	39,610	37,630	95.0
Grape Juice	55,863	30,432	54.5	53,062	29,833	56.2
Pears	109,973	14,540	13.2	128,491	21,425	16.7
Apples	377,430	19,918	5.3	392,561	16,971	4.3
Olives	11,101	11,101	100.0	15,636	15,636	100.0
Apricots [1]	15,977	15,500	97.0	13,315	12,719	95.5
Dates	13,870	13,870	100.0	12,459	12,459	100.0
Kiwi	8,759	8,759	100.0	10,581	10,581	100.0
Figs	8,029	8,029	100.0	9,211	9,211	100.0
Avocados	1,633	1,455	89.1	2,504	2,216	88.5
Tree Nuts	**1,430,386**	**1,430,386**	**100.0**	**1,789,118**	**1,789,118**	**100.0**
Almonds	1,081,181	1,081,181	100.0	1,369,687	1,369,687	100.0
Walnuts	213,898	213,898	100.0	240,466	240,466	100.0
Pistachios	135,307	135,307	100.0	178,965	178,965	100.0
Vegetables	**1,058,271**	**623,538**	**58.9**	**1,106,208**	**644,230**	**58.2**
Lettuce [2]	253,957	178,062	70.1	268,726	188,258	70.1
Broccoli [1]	103,717	96,925	93.5	107,534	99,435	92.5
Carrots [1]	91,721	76,311	83.2	94,380	78,356	83.0
Tomatoes, Fresh	146,233	54,000	36.9	172,873	67,700	39.2
Celery [1]	45,931	42,802	93.2	53,321	49,786	93.4
Cauliflower [2]	62,812	53,153	84.6	60,847	47,990	78.9
Onions [1]	183,767	46,303	25.2	166,459	40,692	24.4
Peppers [2]	79,241	21,916	27.7	88,022	26,351	29.9
Garlic	22,300	22,300	100.0	21,178	21,178	100.0
Asparagus [1]	39,738	26,729	67.3	38,346	17,975	46.9
Artichokes	2,943	2,943	100.0	4,188	4,188	100.0
Mushrooms [3]	25,911	2,095	8.1	30,334	2,321	7.7
Flowers and Nursery	**260,670**	**37,823**	**14.5**	**280,959**	**40,631**	**14.5**
TOTAL PRINCIPAL COMMODITIES	**23,638,514**	**6,294,211**	**26.6**	**24,350,806**	**6,900,114**	**28.3**
TOTAL OTHER PRODUCTS	**31,914,305**	**1,207,246**	**3.8**	**32,883,716**	**1,294,317**	**3.9**
ALL AGRICULTURAL EXPORTS	**55,552,819**	**7,501,457**	**13.5**	**57,234,522**	**8,194,431**	**14.3**

[1] 2003 figures were revised based on updated production data from the U.S. Department of Agriculture's/National Agricultural Statistics Service.

[2] 2003 figures were revised based on updated Canadian import data.

[3] 2003 figures were revised based on updated port data from the U.S. Department of Commerce's/International Trade Commission.

Source: University of California, Agricultural Issues Center; U.S. Department of Commerce/International Trade Commission.

Major California Agricultural Exports to the Top Destinations, 2004 [1]

Commodities by Country	Approximate Export Value (Millions)
1 - European Union-25	1,698
Almonds	772
Wine	446
Walnuts	119
Pistachios	118
Raisins	76
Dried Plums	63
Cotton	20
Table Grapes	17
Tomatoes, Processed	12
Flowers and Nursery	8
Cherries	7
Strawberries	7
Dairy and Products	4
Onions	5
Garlic	4
Peaches and Nectarines	4
Tomatoes, Fresh	4
Dates	4
Others	8

Commodities by Country	Approximate Export Value (Millions)
2 - Canada	1,467
Lettuce	148
Strawberries	145
Table Grapes	133
Tomatoes, Processed	124
Wine	102
Oranges, Fresh and Juice	91
Almonds	83
Carrots	73
Peaches and Nectarines	59
Broccoli	53
Tomatoes, Fresh	45
Celery	39
Cauliflower	32
Cotton	30
Melons	29
Raisins	24
Lemons	23
Peppers	21
Plums	21
Walnuts	20
Grape Juice	20
Onions	17
Cherries	17
Potatoes	16
Pistachios	16
Flowers and Nursery	16
Dried Plums	9
Dairy and Products	8
Apricots	7
Grapefruit	7
Garlic	6
Asparagus	6
Pears, Fresh	6
Figs	4
Olives	4
Kiwi	4
Dates	4
Artichokes	3
Others	2

Commodities by Country	Approximate Export Value (Millions)
3 - Japan	905
Rice	181
Almonds	103
Hay	80
Wine	56
Oranges, Fresh and Juice	52
Strawberries	37
Cherries	37
Broccoli	36
Walnuts	35
Dried Plums	35
Dairy and Products	34
Lemons	31
Raisins	29
Grapefruit	20
Tomatoes, Processed	18
Cotton	18
Cauliflower	13
Lettuce	12
Pistachios	11
Cottonseed and Byproducts	10
Melons	7
Onions	7
Table Grapes	7
Beef and Products	6
Dry Beans	5
Grape Juice	4
Asparagus	4
Flowers and Nursery	2
Olives	2
Kiwi	2
Others	10

Major California Agricultural Exports to the Top Destinations, 2004 [1] *continued*

Commodities by Country	Approximate Export Value (Millions)	Commodities by Country	Approximate Export Value (Millions)	Commodities by Country	Approximate Export Value (Millions)
4 - Mexico	527	**5 - China / Hong Kong**	456	**6 - South Korea**	259
Dairy and Products	216	Cotton	192	Oranges, Fresh and Juice	92
Cotton	57	Oranges, Fresh and Juice	60	Cotton	28
Table Grapes	38	Table Grapes	52	Almonds	26
Tomatoes, Processed	36	Almonds	43	Rice	17
Almonds	24	Beef and Products	23	Hay	17
Beef and Products	21	Dairy and Products	14	Beef and Products	15
Tomatoes, Fresh	17	Pistachios	14	Walnuts	14
Peaches and Nectarines	16	Raisins	13	Tomatoes, Processed	11
Lettuce	15	Wine	9	Wine	7
Flowers and Nursery	11	Lemons	5	Grape Juice	5
Strawberries	10	Tomatoes, Processed	5	Grapefruit	5
Potatoes	6	Peaches and Nectarines	4	Dairy and Products	4
Wine	6	Plums	3	Raisins	4
Pears, Fresh	5	Dried Plums	3	Lemons	3
Oranges, Fresh and Juice	4	Walnuts	3	Table Grapes	2
Peppers	4	Grapefruit	2	Others	8
Raisins	4	Cottonseed and Byproducts	2		
Walnuts	4	Others	11		
Garlic	3				
Onions	3				
Plums	3				
Carrots	3				
Cottonseed and Byproducts	2				
Olives	2				
Melons	2				
Kiwi	2				
Others	12				
7 - Taiwan	179	**8 - India**	114	**9 - Malaysia**	85
Cotton	29	Almonds	94	Table Grapes	49
Rice	28	Cotton	10	Oranges, Fresh and Juice	16
Peaches and Nectarines	28	Table Grapes	8	Raisins	4
Almonds	11	Others	3	Almonds	4
Table Grapes	11			Dried Plums	3
Hay	10			Others	8
Broccoli	9				
Cherries	8				
Beef and Products	6				
Lettuce	6				
Raisins	5				
Wine	5				
Plums	4				
Dairy and Products	3				
Celery	3				
Walnuts	3				
Oranges, Fresh and Juice	2				
Others	7				

Major California Agricultural Exports to the Top Destinations, 2004 [1] *continued*

Commodities by Country	Approximate Export Value (Millions)	Commodities by Country	Approximate Export Value (Millions)	Commodities by Country	Approximate Export Value (Millions)
10 - Indonesia	78	**11 - Australia**	72	**12 - United Arab Emirates**	67
Cotton	46	Table Grapes	14	Almonds	61
Table Grapes	13	Walnuts	9	Others	6
Dairy and Products	10	Oranges, Fresh and Juice	8		
Beef and Products	4	Almonds	7		
Others	5	Pistachios	6		
		Wine	3		
		Cherries	3		
		Lemons	3		
		Tomatoes, Processed	3		
		Dried Plums	3		
		Strawberries	2		
		Raisins	2		
		Dates	2		
		Others	7		
13 - Turkey	66	**14 - Singapore**	57	**15 - Thailand**	52
Cotton	52	Table Grapes	15	Cotton	31
Almonds	11	Oranges, Fresh and Juice	11	Table Grapes	7
Walnuts	3	Dairy and Products	6	Almonds	5
Others	1	Almonds	5	Beef and Products	3
		Wine	4	Peaches and Nectarines	2
		Lettuce	3	Others	5
		Raisins	3		
		Others	10		

[1]This table provides export values for single commodities to the top 15 destinations. Only export values higher than $2 million are reported.

Source: University of California, Agricultural Issues Center.

Major California Agricultural Exports to the European Union, 2004

		Almonds	Wine	Walnuts	Pistachios	Raisins	Dried Plums	Other Commodities [1]	Total
						Millions			
1	United Kingdom	34	273	3	5	36	10	44	405
2	Spain	222	<1	42	1	1	2	4	271
3	Germany	150	24	32	7	11	18	16	259
4	Netherlands	69	78	11	24	5	5	13	205
5	Italy	90	11	23	10	<1	11	7	152
6	Belgium	47	12	8	32	2	4	9	113
7	France	69	10	<1	23	2	<1	5	108
8	Denmark	17	13	<1	1	4	2	1	39
9	Greece	32	<1	<1	3	<1	<1	2	38
10	Sweden	10	6	1	0	8	3	3	31
	Others [2]	32	18	<1	10	7	7	7	80
	Total	772	446	119	118	76	63	105	1,699

[1]Other commodities are those that individually account for 1 percent or less of all California agricultural exports to the EU

[2]Other EU members include Austria, Cyprus, Czech Republic, Estonia, Finland, Hungary, Ireland, Latvia, Lithuania, Luxemburg, Malta, Poland, Portugal, Slovak Republic and Slovenia. All these countries combined account for less than 5 percent of California agricultural exports to the EU. NOTE: totals may not equal due to rounding.

Source: University of California, Agricultural Issues Center.

Major Destinations for California Agricultural Exports, 2004 [1]

Percent of Export Value

1 - ALMONDS	
EU-25	56
Japan	8
India	7
Canada	6

2 - WINE	
EU-25	65
Canada	15
Japan	8

3 - COTTON	
China/H.Kong	30
Mexico	9
Turkey	8
Indonesia	7
Pakistan	7

4 - TABLE GRAPES	
Canada	32
China/H.Kong	13
Malaysia	12
Mexico	9

5 - DAIRY AND PRODUCTS	
Mexico	49
Philippines	8
Japan	8

6 - ORANGES, FRESH AND JUICE	
South Korea	27
Canada	26
China/H.Kong	17
Japan	15

7 - RICE	
Japan	65
Taiwan	10
Jordan	6
South Korea	6

8 - TOMATOES, PROCESSED	
Canada	50
Mexico	14
Japan	7

9 - WALNUTS	
EU-25	50
Japan	14
Canada	8
South Korea	6
Israel	5

10 - STRAWBERRIES	
Canada	71
Japan	18
Mexico	5

11 - RAISINS	
EU-25	39
Japan	15
Canada	12
China/H.Kong	7

12 - LETTUCE	
Canada	79
Mexico	8
Japan	6

13 - PISTACHIOS	
EU-25	66
Canada	9
China/H.Kong	8
Japan	6

14 - DRIED PLUMS	
EU-25	48
Japan	27
Canada	7

15 - PEACHES AND NECTARINES	
Canada	48
Taiwan	22
Mexico	13

16 - HAY	
Japan	75
South Korea	16
Taiwan	9

17 - BROCCOLI	
Canada	53
Japan	36
Taiwan	9

18 - BEEF AND PRODUCTS	
China/H.Kong	28
Mexico	26
South Korea	19
Japan	8
Taiwan	8
Indonesia	5

19 - CARROTS	
Canada	93

20 - LEMONS	
Japan	47
Canada	34
China/H.Kong	7

21 - CHERRIES	
Japan	48
Canada	22
Taiwan	10
EU-25	10

22 - TOMATOES, FRESH	
Canada	66
Mexico	25
EU-25	6

23 - CELERY	
Canada	79
Taiwan	6

24 - CAULIFLOWER	
Canada	67
Japan	28

25 - GRAPEFRUIT	
Japan	48
Canada	16
South Korea	12
New Zealand	8
China/H.Kong	5

26 - ONIONS	
Canada	42
Japan	17
EU-25	11
Mexico	8

27 - FLOWERS AND NURSERY	
Canada	40
Mexico	26
EU-25	19
Japan	6

28 - MELONS	
Canada	75
Japan	18
Mexico	6

29 - PLUMS	
Canada	56
Taiwan	11
Mexico	8
China/H.Kong	8
EU-25	5

30 - GRAPE JUICE	
Canada	66
South Korea	17
Japan	15

32 - PEPPERS	
Canada	80
Mexico	16

33 - POTATOES	
Canada	68
Mexico	26

Major Destinations for California Agricultural Exports, 2004 [1] *continued*

Percent of Export Value

34 - PEARS, FRESH		35 - GARLIC		36 - ASPARAGUS		38 - COTTONSEED AND BYPRODUCTS	
Canada	54	Canada	30	Canada	34	Japan	60
Mexico	43	EU-25	21	Japan	21	Mexico	14
		Mexico	16	Switzerland	15	China/H.Kong	12
		Australia	6			Canada	9
		Japan	5				

39 - OLIVES		41 - APRICOTS		42 - DATES		43 - KIWI	
Canada	26	Canada	56	Canada	29	Canada	38
Israel	18	Mexico	16	EU-25	29	Japan	20
Mexico	15	Japan	13	Australia	17	Mexico	20
Japan	15			Switzerland	13	South Korea	18
EU-25	6						
South Korea	5						

44 - FIGS		46 - DRY BEANS		48 - ARTICHOKES	
Canada	45	Japan	72	Canada	61
China/H.Kong	21	EU-25	22	Mexico	33
Japan	15				
Mexico	13				

[1]This table shows destinations receiving at least 5 percent of total exports, and for which reliable data are available. The numbers associated with each commodity correlate to the ranking in the table "Agricultural Commodity Export Values and Rankings, 2003-2004."

Source: University of California, Agricultural Issues Center.

Ratio of California Farm Quantity Exported to Farm Quantity Produced, 2004

Commodity	Units	Farm Quantity Exported	Farm Quantity Produced	Ratio of Quantity Exported to Quantity Produced
		1,000 Farm-gate Units	*1,000 Farm-gate Units*	*Percentage*
Almonds	cwt.	7,003	10,100	69
Apples	cwt.	821	4,100	20
Apricots	short tons	14	86	17
Artichokes	cwt.	151	825	18
Asparagus	cwt.	114	816	14
Avocados	short tons	2	175	1
Beef and Products	liveweight cwt.	333	19,829	2
Broccoli	cwt.	2,906	20,735	14
Carrots	cwt.	4,317	22,702	19
Cauliflower	cwt.	1,472	5,940	25
Celery	cwt.	2,466	17,570	14
Cherries	short tons	20	70	28
Cotton	bales	1,789	2,440	73
Cottonseed and Byproducts	short tons	104	871	12
Dairy and Products [1]	cwt.	33,000	364,650	9
Dates	short tons	4	16	26
Dried Plums [2]	short tons	217	141	154
Dry Beans	cwt.	186	1,163	16
Eggs	dozens	5,380	448,333	1
Figs	short tons	12	51	24
Garlic	cwt.	638	4,680	14
Grapes, All	short tons	1,569	5,615	28
Grapefruit	short tons	99	181	55
Hay	short tons	630	9,000	7
Kiwi	short tons	8	25	34
Lemons	38lb boxes	6,003	38,000	16
Lettuce	cwt.	7,387	83,415	9
Melons	cwt.	1,832	23,573	8
Olives	short tons	52	104	50
Onions	cwt.	2,899	20,545	14
Oranges	75lb boxes	17,506	58,000	30
Peaches and Nectarines	cwt.	2,729	23,620	12
Pears	short tons	27	271	10
Peppers	cwt.	569	9,313	6
Pistachios	cwt., inshell	994	3,470	29
Plums	short tons	37	144	26
Potatoes	cwt.	1,550	18,099	9
Rice	cwt.	19,392	50,759	38
Strawberries	cwt.	2,139	19,588	11
Tomatoes, Fresh	cwt.	1,599	10,730	15
Tomatoes, Processed	short tons	1,415	11,672	12
Turkey	liveweight cwt.	184	4,145	4
Walnuts	short tons	135	325	42
Wheat	bushels	5,765	36,200	16
WEIGHTED AVERAGE [3]				**21.9**

[1]Preliminary data.

[2]The ratio is higher than 100 due to a small harvest in 2004 and an unchanged demand, and a large volume of past season inventories were exported.

[3]The average is based on each commodity's share of production value.

Source: University of California, Agricultural Issues Center.

CDFA Executive Team

Members of the California Department of Food and Agriculture's executive team (picture taken October 2005) work in partnership with industry, academia and government to adapt public policy to a rapidly changing and innovative industry – California agriculture. They seek to protect and promote the abundant products of this vigorous and vital sector of our economy.

Pictured in the lobby of the newly restored headquarters building are: A.G. Kawamura, Secretary. Standing behind Secretary Kawamura (from left): A.J. Yates, Undersecretary; Nancy Lungren, Deputy Secretary for Public Affairs; and Kim Myrman, Deputy Secretary.

Third row back (from left): Gregson Porteous, Chief Financial Officer; Valerie Brown, Deputy Secretary; John Dyer, Chief Counsel; and Bob Wynn, Statewide Coordinator, Pierce's Disease Control Program.

Fourth row back (from left): Steve Lyle, Director, Office of Public Affairs; Steve Shaffer, Director, Office of Agriculture and Environmental Stewardship; Richard Breitmeyer, DVM, State Veterinarian; and David Nunekamp, Deputy Secretary for Legislation.

Top row (from left): Pat Minyard, Director, Division of Plant Health and Pest Prevention Services; and Ed Williams, County/State Liaison. Not pictured is Annette Whiteford, DVM, Director of the Division of Animal Health and Food Safety Services.

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(916) 654-1447; Fax (916) 653-2215

Livestock Identification

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

Meat and Poultry Inspection

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

Milk and Dairy Foods Control

Stephen Beam, Ph.D., Branch Chief
(916) 654-0773; Fax (916) 653-7512

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Sacramento, CA 95825
(916) 263-2955; Fax (916) 263-2969

Inspection Services

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560 J Street, Suite 220
Sacramento, CA 95814
(916) 445-0029; Fax (916) 445-0232

Egg Quality Control Program

Anthony Herrera, Program Supervisor
(916) 445-4231; Fax (916) 445-2174

Feed, Fertilizer & Livestock Drugs Regulatory Services

Asif Maan, Branch Chief
(916) 445-0444; Fax (916) 445-2171

Inspection and Compliance

Rick Jensen, Branch Chief
(916) 445-2180; Fax (916) 445-2427

Center for Analytical Chemistry

Liz Houser, Branch Chief (Acting)
3292 Meadowview Road
Sacramento, CA 95832
(916) 262-1434; Fax (916) 262-1572

Marketing Services

Kelly Krug, Director
560 J Street, Suite 150
Sacramento, CA 95814
(916) 445-5051; Fax (916) 445-2655

Dairy Marketing

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Market Enforcement
Agatha d'Esterhazy, Branch Chief
(916) 341-6276; Fax (916) 341-6551

Marketing
Lynn Morgan, Branch Chief
(916) 341-6005; Fax (916) 341-6826

Milk Pooling
John Lee, Branch Chief
(916) 341-5901; Fax (916) 341-5987

Measurement Standards
Michael Cleary, Director
6790 Florin-Perkins Road, Suite 100
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(916) 229-3000; Fax (916) 229-3026

Compliance and Evaluation
Roger Macey, Branch Chief
(916) 229-3000

Metrology
Greg Boers, Branch Chief
(916) 229-3000

Weighmaster Enforcement and Petroleum Products
David Lazier, Branch Chief
(916) 229-3000

Plant Health and Pest Prevention Services
Aurelio Posadas, Director (Acting)
(916) 654-0317; Fax (916) 654-1018

Integrated Pest Control
Larry Bezark, Branch Chief
(916) 654-0768; Fax (916) 653-2403

Pest Detection/Emergency Projects
Debby Tanouye, Branch Chief
(916) 654-1211; Fax (916) 654-0555

Pest Exclusion
William Sandige, Branch Chief
(916) 654-0312; Fax (916) 654-0986

Plant Pest Diagnostics
Umesh Kodira, Branch Chief
3294 Meadowview Road
(916) 262-1100; Fax (916) 262-1190

Field Offices

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

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

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

Planet Health and Pest Prevention Services Pest Exclusion – Agriculture Inspection Station
U.S. Highway 199
P.O. Box 309
O'Brien, OR 97534
(541) 596-2119

El Dorado County
Plant Health and Pest Prevention Services Pest Exclusion – Agricultural Inspection Station
P.O. Box 550370
3094 Highway 50
South Lake Tahoe, CA 96155
(530) 577-2196

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
2789 South Orange Avenue
Fresno, CA 93725
(559) 233-7318; Fax (559) 233-7318

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

Inspection Services
Egg Quality Control Program
P.O. Box 6543
Visalia, CA 93290
(559) 636-7438; Fax (559) 636-7438

Inspection Services
Feed Fertilizer, and Livestock Drugs Regulatory Services
1683 North Helm Avenue
Fresno, CA 93727-1637
(559) 452-9687; Fax (559) 452-9459

Inspection Services
Shipping Point Inspection
778 South Madera Avenue
Kerman, CA 93630
(559) 846-7323; Fax (559) 7336

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

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

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
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
1401 N. Clovis Ave., Suite 108
Fresno, CA 93727
(559) 252-7408

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

Imperial County
Inspection Services
Feed, Fertilizer, and Livestock Drugs Regulatory Services
601 South K Street
Imperial, CA 92251
(760) 355-2877; Fax (760) 355-2099

Plant Health and Pest Prevention Services
Integrated Pest Control
Biocontrol Program
4151 Highway 86
Brawley, CA 92227
(760) 351-0324; Fax (760) 344-7951

Plant Health and Pest Prevention Services
Integrated Pest Control
Pink Bollworm Program
4151 Highway 86, Building 6
Brawley, CA 92227
(760) 344-1152; Fax (760) 344-1971

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
3510 West Interstate 8
Winterhaven, CA 92283-9707
(760) 572-0291; Fax (760) 572-0853

Kern County

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

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

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

Lake County

Plant Health and Pest Prevention Services
Integrated Pest Control
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
9300 Flair Drive, Suite 308
El Monte, CA 91731
(626) 572-6762; Fax (626) 572-6768

Marketing Services
Milk Pooling
9300 Flair Drive, Suite 308
El Monte, CA 91731
(626) 572-6762; Fax (626) 572-6768

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
6819 E. Gage Avenue
Commerce, CA 90040
(562) 928-4562; Fax (562) 928-4842

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
Pest Exclusion
13915 Saticoy Street
Van Nuys, CA 91402
(818) 901-7242; Fax (818) 901-1424

Marin County

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
1055 Las Ovejas Avenue, Suite 7
San Rafael, CA 94903
(415) 479-9546

Mendocino County

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

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-North
Canby, CA 96015-9702
(530) 664-5836

Mono County

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
US Highway 6
HC 72, Box 27211
Benton, CA 93512-9803
(760) 933-2225; Fax (760)933-2225

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
US Highway 395
Star Route 2, Box 236
Topaz, CA 96133
(530) 495-2301

Monterey County

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 (714) 996-6476

Inspection Services
Center for Analytical Chemistry
Anaheim Pesticide Laboratory
169 East Liberty Avenue
Anaheim, CA 92801
(714) 680-7901; Fax (714) 680-7919

Inspection Services
Egg Quality Control Program
7701 Warner Avenue, Apt. 214
Huntington Beach, CA 92647
(714) 848-1340; Fax (714) 848-1340

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
935 East Discovery Lane
Anaheim, CA 92801
(714) 491-7503; Fax (714) 520-6856

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
312 South Melrose Street
Placentia, CA 92670
(714) 993-4301; Fax (714) 993-0748

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
3802 Constitution Avenue
Los Alamitos, CA 90720-5100
(562) 795-1206; Fax (562) 795-1215

Riverside County

Inspection Services
Avocado Inspection Program
27537 Commerce Center Drive, Suite 103
Temecula, CA 92590
(951) 676-6570; Fax (951) 676-6570

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

Inspection Services
Shipping Point Inspection
3576 Arlington Avenue, Suite 209
Riverside, CA 92506
(909) 782-3235; Fax (909) 682-7865

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
73710 Fred Waring Drive, Suite 211
Palm Desert, CA 92260
(760) 776-8208; Fax (760) 776-8091

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
3180 Cridge Street
Riverside, CA 92506
(951) 782-3271; Fax (951) 784-8932

Plant Health and Pest Prevention Services
Pest Exclusion
3180 Cridge Street
Riverside, CA 92507
(951) 784-8905

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

Inspection Services
Egg Quality Control Program
560 J Street, Suite 200
Sacramento, CA 95814
(916) 445-4243

Measurement Standards Division
6790 Florin Perkins Road, Suite 100
Sacramento, CA 95828
(916) 229-3059; Fax (916) 229-3064

Plant Health and Pest Prevention Services
Pest Exclusion
3294 Meadowview Road
Sacramento, CA 95832
(916) 262-1100; Fax (916) 262-1190

San Bernardino County

Animal Health and Food Safety Services
Animal Health
1910 South Archibald Avenue, Suite Y
Ontario, CA 91761
(909) 947-4462; Fax (909) 923-5128

Animal Health and Food Safety Services
Bureau of Livestock Identification
1910 South Archibald Avenue, Suite Y
Ontario, CA 91761
(909) 923-8721; Fax (909) 923-8752

Animal Health and Food Safety Services
California Animal Health and Food Safety
Laboratory System
P.O. Box 5579
105 West Central Avenue
San Bernardino, CA 92408-2113
(909) 383-4287; Fax (909) 884-5980

Animal Health and Food Safety Services
Meat and Poultry Inspection
1910 South Archibald Avenue, Suite X
Ontario, CA 91761
(909) 773-0079; Fax (909) 923-3961

Animal Health and Food Safety Services
Milk and Dairy Foods Control
1910 South Archibald Avenue, Suite W
Ontario, CA 91761
(909) 923-9929; Fax (909) 923-0359

Inspection Services
Feed, Fertilizer, and Livestock Drugs Regulatory Services
1910 South Archibald Avenue, Suite W
Ontario, CA 91761
(909) 930-9689; Fax (909) 923-5128

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
Interstate 40
Post Office Box 814
Needles, CA 92363-0814
(760) 326-4150; Fax (760) 326-5016

Plant Health and Pest Prevention Services
Pest Exclusion – Agricultural Inspection Station
State Highway 62
HCR 20, Post Office Box 410
Vidal Junction, CA 92280
(760) 665-8405; Fax (760) 665-2933

Plant Health and Pest Prevention Services
Pest Exclusion - Agricultural Inspection Station
Interstate 15
Post Office Box 518
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
9765 Marconi Drive, Suite 102
San Diego, CA 92154
(619) 661-6355; Fax (619) 661-6963

Plant Health and Pest Prevention Services
Integrated Pest Control
7845 Lemon Grove Way, Suite B
Lemon Grove, CA 91945
(619) 698-1046; Fax (619) 698-1347

Plant Health and Pest Prevention Services
Pest Exclusion
7845 Lemon Grove Way, Suite A
Lemon Grove, CA 91945
(619) 698-1046; Fax (619) 698-1347

San Francisco County

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

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

Santa Barbara County

Inspection Services
Shipping Point Inspection
Post Office Box 2652
Santa Maria, CA 93457
(805) 934-9236

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
109 South La Patera Lane
Goleta, CA 93117-3212
(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
2135 Akard Ave., Suite 8
Redding, CA 96001-2794
(530) 225-2140; Fax (530) 225-2240

Animal Health and Food Safety Services
Bureau of Livestock Identification
19340 Northbound I-5
Cottonwood, CA 96022
(530) 347-5721; Fax (530) 347-7120

Measurement Standards
Redding Regional Office
3609 Bechelli Lane, Suite E
Redding, CA 96002
(530) 224-2411; Fax (530) 224-2484

Plant Health and Pest Prevention Services
Integrated Pest Control
20235 Charlanne Drive
Redding, CA 96002
(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

Stanislaus County

Animal Health and Food Safety Services
Animal Health
3800 Cornucopia Way, Suite F
Modesto, CA 95358-9494
(209) 491-9350; Fax (209) 491-9353

Animal Health and Food Safety Services
Bureau of Livestock Identification
3800 Cornucopia Way, Suite F
Modesto, CA 95358-9494
(209) 491-9345; Fax (209) 491-9353

Animal Health and Food Safety Services
California Animal Health and Food Safety
Laboratory System
Post Office Box 1522
Turlock, CA 95381
(209) 634-5837; Fax (209) 667-4261

Inspection Services
Feed, Fertilizer, and Livestock Drugs Regulatory Services
3800 Cornucopia Way, Suite F
Modesto, CA 95358-9494
(209) 491-9347; Fax (209) 491-9353

Inspection Services
Shipping Point Inspection
2546 Fourth 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 95358-9494
(209) 491-9340; Fax (209) 491-9342

Tulare County

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

Animal Health and Food Safety Services
Bureau of Livestock Identification
4500 S. Laspina Street
Tulare, CA 93274
(559) 685-3505

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

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

Plant Health and Pest Prevention Services
Integrated Pest Control
P.O. Box 3468
31603 Road 132
Visalia, CA 93278
(559) 733-0463; Fax (559) 733-0480

Ventura County

Plant Health and Pest Prevention Services
Pest Detection/Emergency Projects
555 Airport Way, Suite F
Camarillo, CA 93010
(805) 383-7357; Fax (805) 389-3649

Inspection Services
Avocado Inspection Program
1641 Pacifica Ave., Suite 98
Oxnard, CA 93033
(805) 247-1203; Fax (805) 247-1203

Inspection Services
Shipping Point Inspection
Post Office Box 528
Oxnard, CA 93032-0528
(805) 340-0582; Fax (805) 985-2024

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) 752-8709; Fax (530) 752-5680

Inspection Services
Shipping Point Inspection
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
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
Waimanalo, 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
(541) 596-2119

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

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www.grange.org

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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
1240 Commerce Avenue, Suite A
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California Canning Peach Association
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California Dried Plum Board
3841 North Freeway Boulevard, Suite 120
Sacramento, CA 95834
(916) 565-6232; Fax (916) 565-6237
www.californiadriedplums.org

Small Farm News
Small Farm Center
University of California
1 Shields Avenue
Davis, CA 95616-8699
(530) 752-8136; Fax (530) 752-7716
www.sfc.ucdavis.edu

Valley Grower Magazine
205 North 8th Street
El Centro, CA 92243
(760) 352-5555; Fax (760) 352-6300

Vegetables West Magazine
Malcolm Media-Ag Publishing

Western DairyBusiness Magazine
Multi AgMedia
4500 South Laspina Street, Suite 218
Tulare, CA 93274
(559) 687-3160; Fax (559) 687-3166
www.dairybusiness.com

Western Farm Press
PrimMedia
Post Office Box 2100
Skokie, IL 60076-7800
(866) 505-7173; Fax (847) 763-9682
www.westernfarmpress.com

Western Fruit Grower
Meister Media Worldwide

Western Grower and Shipper
Western Growers Association
Post Office Box 2130
Newport Beach, CA 92658
(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
E-mail: geninfo@winesandvines.com
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: jdallen@tabcomp.com

Apples

California Apple Commission
770 East Shaw, Suite 220
Fresno, CA 93710
(559) 456-0900; Fax (559) 456-0125
www.calapple.org; E-mail: caapple@caapple.org

Artichokes

California Artichoke Advisory Board
Post Office Box 747
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
38 Discovery, Suite 150
Irvine, CA 92618
(949) 341-1955; Fax (949) 341-1970
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: jim@tabcomp.com
www.calbeans.com

Beef

California Beef Council
4640 Northgate Blvd., Suite 115
Sacramento, CA 95834
(916) 925-2333; Fax (916) 925-8155
www.calbeef.org

Buy California

Buy California Marketing Agreement
1220 N Street, Suite 221
Sacramento, CA 95814
(916) 651-7384; Fax (916) 651-7388
www.californiagrown.org

Carrots

California Fresh Carrot Advisory Board
531-D North Alta Avenue
Dinuba, CA 93618
(559) 591-5675; Fax (559) 591-5744
E-mail: jerry@tabcomp.com

Celery

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

Cherries

California Cherry Advisory Board
Post Office Box 877
Lodi, CA 95240
(209) 368-0685; Fax (209) 368-4309
E-mail: ccab@softcom.net
www.calcherry.com

Citrus

Citrus Research Board
Post Office Box 230
Visalia, CA 93279
(559) 738-0246; Fax (559) 738-0607
E-mail: citrusrb@aol.com
www.citrusresearch.com

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 Fourth Street
Berkeley, CA 94710
(510) 883-1085; Fax (510) 883-1088
www.gotmilk.com

California Milk Producers Advisory Board
400 Oyster Point Boulevard, Suite 220
South San Francisco, CA 94080
(650) 871-6455; Fax (650) 583-7328
E-mail: cmabssf@aol.com
www.realcaliforniacheese.com

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

Dates

California Date Commission
Post Office Box 1736
Indio, CA 92202-1736
(760) 347-4510; Fax (760) 347-6374
E-mail: dates2000@earthlink.net

Figs

California Fig Advisory Board
7395 North Palm Bluffs, Suite 106
Fresno, CA 93711
(559) 440-5400; Fax (559) 438-5405
E-mail: info@californiafigs.com
www.californiafigs.com

Flowers

California Cut Flower Commission
Post Office Box 70
Watsonville, CA 95077
(831) 728-7333; Fax (831) 728-7337
E-mail: ccfc@ccfc.org
www.ccfc.org.

Forest Products

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

California Garlic and Onion Research Board
1508 Tollhouse Road, Suite 106
Clovis, CA 93611
(559) 297-9322; Fax (559) 297-9341

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.freshcaliforniagrapes.com

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

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

Winegrape Inspection Marketing Program
531-D North Alta Avenue
Dinuba, CA 93618
(559) 591-4862; Fax (559) 591-5744

Kiwifruit

California Kiwifruit Commission
1183 Manning Drive
El Dorado Hills, CA 95762
(916) 933-3477; Fax (916) 933-7394
E-mail: info@kiwifruit.org
www.kiwifruit.org

Lettuce

California Lettuce Research Program
512 Pajaro Street
Salinas, CA 93901
(831) 424-3782; Fax (831) 424-3785
E-mail: calettuceresearch@yahoo.com
www.calettuceresearchboard.org

Melons

California Cantaloupe Advisory Board
531-D North Alta Avenue
Dinuba, CA 93618
(559) 591-5715; Fax (559) 591-5744
E-mail: jdallen@tabcomp.com

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

Nuts

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

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

Peaches

California Cling Peach Board
531-D North Alta Avenue
Dinuba, CA 93618-3202
(559) 595-1425; Fax (559) 591-5744
www.calclingpeach.com

Peaches, Plums and Nectarines

California Tree Fruit Agreement
Post Office Box 968
Reedley, CA 93654-0968
(559) 638-8260; Fax (559) 638-8842
E-mail: info@caltreefruit.com
www.eatcaliforniafruit.com

Pears

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

Peppers

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

Plums, Dried (Prunes)

California Dried Plum Board
3841 North Freeway Boulevard, Suite 120
Sacramento, CA 95834-1929
(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: Kenny@tabcomp.com

Raisins

California Raisin Marketing Board
3445 North First Street, Suite 101
Fresno, CA 93726
(559) 248-0287; Fax (559) 224-7016
E-mail: info@calraisins.org
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 Advisory Board
3539 Bradshaw Road, Suite B 212
Sacramento, CA 95827-3304
(916) 638-8980; Fax (916) 638-8993
www.cawildrice.com

Seafood

California Salmon Council
Post Office 2255
Folsom, CA 95763-2255
(916) 933-7050; Fax (916) 933-7055
E-mail: info@calkingsalmon.org
www.calkingsalmon.org

California Sea Urchin Commission
1621 B 13th Street
Sacramento, CA 95814
(916) 444-8194; Fax (916) 444-8195
E-mail: vern@cal.net

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 95763-1520
(916) 933-7667; Fax (916) 933-7055
E-mail: info@californialamb.com
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
www.ptab.org

Wheat

California Wheat Commission
Post Office Box 2267
Woodland, CA 95776-2267
(530) 661-1292; Fax (530) 661-1332
E-mail: cawheat1@aol.org
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
1355 Abbott Street, Suite 4B
Salinas, CA 93901
(831) 755-1480; Fax (831) 755-1484
www.agagainsthunger.com
bokeefe@agagainsthunger.com

AgFresno Farm Equipment Show
1121 South Chance Avenue
Fresno, CA 93702
(559) 650-FAIR; Fax (559) 650-3226
www.fresnofair.com
E-mail: info@fresnofair.com

Agricultural Council of California
1225 H Street
Sacramento, CA 95814-1910
(916) 443-4887; Fax (916) 443-0601
www.agcouncil.org
E-mail: crust@agcouncil.org

Agricultural Crime Technology Information and Operations Network (ACTION Project)
701 West Center Street
Visalia, CA 93291
(559) 624-1054; Fax (559) 624-1077
www.agcrime.org
E-mail: info@agcrime.net

California Agriculture Leadership Foundation (Formerly Agricultural Education Foundation)
1300 National Drive, Suite 180
Sacramento, CA 95834
(916) 928-2202; Fax (916) 928-2206
www.agleaders.org
E-mail: info@agleaders.org

Agricultural Energy Consumers Association
925 L Street, Suite 800
Sacramento, CA 95814
(916) 447-6206; Fax (916) 441-4132
www.aecaonline.com
E-mail: dgeis@dolphingroup.org

AgSafe
Post Office Box 614
Clovis, CA 93613
(559) 278-4404; Fax (559) 278-7035
www.agsafe.org
E-mail: safeinfo@agsafe.org

AgTac-Southern California Edison
4175 South Laspina Street
Tulare, CA 93274
(800) 77AGTAC; Fax (559) 625-7188
www.sce.com

Alliance for Alternative Agriculture
1840 Biddle Ranch Road
San Luis Obispo, CA 93401
(805) 594-1700; Fax (805) 594-1808
www.pacificagresearch.com/alternativeAgriculture.asp

Alliance for Food and Farming
P.O. Box 2747
Watsonville, CA 95077
(831) 786-1666; Fax (831) 786-1668
www.foodandfarming.info

Association of Applied IPM Ecologists
Post Office Box 10880
Napa, CA 94581
(707) 265-9349; Fax (same as phone)
www.aaie.net
E-mail: director@aaie.net

Association of Natural Bio-control Producers
2230 Martin Drive
Tustin Ranch, CA 92782
(714) 544-8295 Fax; (same as phone)
www.anbp.org

Biodynamic Farming and Gardening Association
25844 Butler Road
Junction City, CA 97448
(888) 516-7797; Fax (541 998-0105
www.biodynamics.com
E-mail: biodynamic@aol.com

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
www.caaa.net
E-mail: caaa@psyber.com

California Agricultural Commissioners and Sealers Association
142 Garden Highway
(530) 822-7500 (530) 822-7510
www.cacasa.org
E-mail: sutterag@co.sutter.ca.us

California Agricultural Teachers' Association
P.O. Box 834
Elk Grove, CA 95624
(916) 714-2970; Fax (916) 714-2973
www.calagteachers.org
E-mail: cata@softcom.net

California Association of Farm Advisors and Specialists
2145 Wardrobe Avenue
Merced, CA 95340-6496
(209) 385-7403
E-mail: mnorton@ucdavis.edu

California Association of Pest Control Advisors
1143 North Market Boulevard, Suite 7
Sacramento, CA 95834
(916) 928-1625; Fax (916) 928-0705
www.capca.com

California Biomass Energy Alliance
1116 S Street
Sacramento, CA 95814
(805) 386-4343; Fax (805) 386-4388
www.calbiomass.org
E-mail: info@calbiomass.org

California Certified Crop Advisors
1143 North Market Boulevard, Suite 7
Sacramento, CA 95834
(916) 928-1625; Fax (916) 928-0705
www.cacca.org
E-mail: capca@capca.com

California Certified Organic Farmers
1115 Mission Street
Santa Cruz, CA 95060
(831) 423-2263; Fax (831) 423-4528
www.ccof.org
E-mail: ccof@ccof.org

California Chamber of Commerce
P.O. Box 1736
Sacramento, CA 95812-1736
(916) 444-6670; Fax (916) 352-1272
www.calchamber.com

California Invasive Plant Council
1442-A Walnut Street, Suite 462
Berkeley, CA 94709
(510) 843-3902; Fax (510) 217-3500
www.caleppc.org
E-mail: info@cal-ipc.org

California Farm Bureau Federation
2300 River Plaza Drive
Sacramento, CA 95833
(916) 561-5500; Fax (916) 561-5699
www.cfbf.com
E-mail: cfbf@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 95473
(707) 829-1691; Fax (707) 829-1693
www.californiafarmlink.org
E-mail: info@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 95833-3293
(916) 561-5625 or 1-800-700-AITC;
Fax (916) 561-5697
www.cfaitc.org; E-mail: cfaitc@cfaitc.org

California Grower Foundation
176 Main Street, Suite C
Saint Helena, CA 94574
(707) 963-7191; Fax (707) 963-5728
E-mail: cgf@napanet.net

California Heartland
Post Office Box 6
Sacramento, CA 95812
(916) 929-5843; Fax (916) 929-4342
www.californiaheartland.org
E-mail: calheart@kvie.org

California Institute for Rural Studies
221 G Street, Suite 204
Davis, CA 95616
(530) 756-6555; Fax (530) 756-7429
www.cirsinc.org
E-mail: info@cirsinc.org

California League of Food Processors
980 Ninth 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
E-mail: info@minorcrops.org

Western Plant Health Association
1801 I Street, Suite 200
Sacramento, CA 95814
(916) 446-3316; Fax (916) 446-3067
www.cpha.net

Crime and Violence Prevention Center
California Attorney General's Office
1300 I Street, Suite 1120
Sacramento, CA 95814
(916) 324-7863; Fax (916) 327-2384
www.safestate.org
E-mail: cvpc@safestate.org

California State Grange
2101 Stockton Boulevard
Sacramento, CA 95817
(916) 454-5805; Fax (916) 739-8189
www.grangeonline.com

California Weed Science Society
Post Office Box 3073
Salinas, CA 93919-3073
(831) 442-0883
www.cwss.org

California Women for Agriculture
P.O. Box 2185
Merced, CA 95344
(559) 237-2474; Fax (559) 237-4929
www.cawomen4ag.com

Center for Urban Education about Sustainable Agriculture
One Ferry Building, Suite 50
San Francisco, CA 94111
(415) 291-FARM; Fax (415) 291-3275
www.cuesa.org
E-mail: info@cuesa.org

Colusa Farm Show
1303 10th Street
Colusa, CA 95932
(530) 458-2641; Fax (530) 458-2645
www.thefarmshow.com

Commonwealth Club of California
595 Market Street
San Francisco, CA 94105
(415) 597-6700; Fax (415) 597-6729
www.commonwealthclub.org
E-mail: club@commonwealth.org

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

Ecological Farming Association
406 Main Street, Suite 313
Watsonville, CA 95076
(831) 763-2111; Fax (831) 763-2112
www.eco-farm.org
E-mail: info@eco-farm.org

Far West Equipment Dealers Association
2355 North Lincoln Street
Dixon, CA 95620-9215
(707) 678-8859 or 1-800-576-8850;
Fax (707) 678-0125
www.fweda.com
E-mail: fweda@fweda.com

Farm Safety 4 Just Kids
1201 L Street
Modesto, CA 95354
(209) 552-7278; Fax (209) 521-9938
www.fs4jk.org
E-mail: mitzil@stanfarmbureau.org

Fresh Produce and Floral Council
16700 Valley View Ave., Suite 130
La Mirada, CA 90638
(714) 739-0177; Fax (714) 739-0226
www.fpfc.org
E-mail: fpfc@aol.com

Fresno Chamber of Commerce
2331 Fresno Street
Fresno, CA 93721
(559) 495-4800; Fax (559) 495-4811
www.fresnochamber.com

California Future Farmers of America Foundation
Post Office Box 834
Elk Grove, CA 95759-0834
(916) 714-2970; Fax (916) 714-2973
www.caffafoundation.com
E-mail: info@caffafoundation.org

Great Valley Center
201 Needham Street
Modesto, CA 95354
(209) 522-5103; Fax (209) 522-5116
www.greatvalley.org
E-mail: info@greatvalley.org

Heidrick Ag History Center
1962 Hays Lane
Woodland, CA 95776
(530) 666-9700; Fax (530) 666-9712
www.aghistory.org
E-mail: aghistory@aghistory.org

Hmong American Community, Inc.
1044 Fulton Mall, Suite 207
Fresno, CA 93721
(559) 237-4919; Fax (559) 237-5905
http://lennon.pub.csufresno.edu/~vl059/pheng.html

Independent Growers' Association
33 El Camino Real
Greenfield, CA 93927
(831) 674-5547; Fax (831) 674-3835

International Agri-Center, Inc.
Post Office Box 1475
Tulare, CA 93275-1475
(559) 688-1751or 1-800-9186;
Fax (559) 686-5065
www.farmshow.org/Agricenter

Los Angeles Area Chamber of Commerce Energy and Environment Committee
350 South Bixel Street
Los Angeles, CA 90017
(213) 580-7500; Fax (213) 580-7511
www.lachamber.org;
E-mail: info@lachamber.org

Madera District Chamber of Commerce
120 North E Street
Madera, CA 93638
(559) 673-3563; Fax (559) 673-5009
www.maderachamber.com

Marin Agricultural Land Trust
Post Office Box 809
Point Reyes Station, CA 94956
(415) 663-1158; Fax (415) 663-1099
www.malt.org;
E-mail: farmland@malt.org

Modesto Chamber of Commerce
Post Office Box 844
Modesto, CA 95353
(209) 577-5757; Fax (209) 577-2673
www.modchamber.org
E-mail: info@modchamber.org

Multinational Exchange for Sustainable Agriculture, Inc.
5245 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
E-mail: info@ofrf.org

Pacific Coast Producers
631 North Cluff Avenue
Lodi, CA 95241-1600
(209) 367-8800; Fax (209) 367-1084
www.pcoastp.com

Pesticide Applicators Professional Association
Post Office Box 80095
Salinas, CA 93912-0095
(831) 442-3536; Fax (831) 442-2351
www.papaseminars.com

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/agexpo/agexpo_home.htm

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;
E-mail: info@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
E-mail: rob-vcaa@pacbell.net

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
Post Office Box 2130
Newport Beach, CA 92658
(949) 863-1000; Fax (949) 863-9028
www.wga.com

World Ag Expo
Post Office Box 1475
Tulare, CA 93275-1475
(559) 688-1751or 1-800-999-9186;
Fax (559) 686-5065
www.worldagexpo.com

Animals and Livestock

General

All West/Select Sires
Post Office Box 1803
Turlock, CA 95381
(800) 278-8254; Fax (209) 667-8379
www.allwestselectsires.com

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 100
Sacramento, CA 95815
(916) 649-0599; Fax (916) 646-9156
www.cvma.net
E-mail: staff@cvma.net

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

Bees and Honey

California State Beekeepers Association
7220 East Grayson Road
Hughson, CA 95326
(209) 667-4590; Fax (530) 663-4789
www.californiastatebeekeepers.com
E-mail: contact@californiastatebeekeepers.com

Sue Bee Honey
Post Office Box 388
Sioux City, CA 92815
(712) 258-0638; Fax (714) 776-6481
www.suebeehoney.com

Western Apicultural Society of North America
Department of Entomology
University of California
Davis, CA 95616
(530) 752-0472; Fax (530) 754-7757
E-mail: ecmussen@ucdavis.edu

Cattle

California Beef Cattle Improvement Association
52795 Netherlands Ave.
Clarksburg, CA 95612
(916) 744-1214; Fax (916) 744-1179
www.calcattlemen.org/cbcia
E-mail: ptm.inc@frontiernet.net

California Beef Council
4640 Northgate Blvd., Suite 115
Sacramento, CA 95834
(916) 925-BEEF; Fax (916) 925-8155
www.calbeef.org
E-mail: askus@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

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
1011 Pebble Beach Drive
Clayton, CA 94517
(925) 672-8255; Fax (925) 673-0268
www.cacheeseandbutter.org
E-mail: director@cacheeseandbutter.org

California Creamery Operator's Association, Inc.
313 Casa Linda Drive
Woodland, CA 95695
(530) 662-1228; Fax (805) 781-9659
www.ccoadairy.org

California Dairy, Inc.
Post Office Box 6210
Artesia, CA 90702-6210
(562) 865-1291; Fax (562) 860-8633
www.californiadairies.com

California Dairy Research Foundation
502 Mace Boulevard, Suite 12
Davis, CA 95616
(530) 753-0681; Fax (530) 753-1453
www.cdrf.org

California Jersey Cattle Association
9483 Columbus Avenue
Hilmar, CA 95324
(209) 632-8656; Fax (209) 632-1292

Challenge Dairy Products, Inc.
Post Office Box 2369
Dublin, CA 94568
(800) 73DAIRY; Fax (925) 828-4016
www.challengedairy.com

Dairy Council of California
1101 National Drive, Suite B
Sacramento, CA 95834-1901
(877) 324-7901; Fax (916) 263-3566
www.dairycouncilofca.org

Dairy Institute of California
Post Office Box 1079
Sacramento, CA 95812
(916) 441-6921; Fax (916) 441-0802
www.dairyinstitute.org

Dairy Issues Forum
400 Capitol Mall, Suite 2640
Sacramento, CA 95814-4421
(916) 492-5350; Fax (916)
www.dairyforum.org

Dairyman's Cooperative Creamery Association, Land O'Lakes, Inc.
4974 East Clinton Way, Building C221
Fresno, CA 93727
(800) 722-3110; Fax (559) 251-1078
www.dairyamerica.com

Humboldt Creamery Association
572 Highway 1
Fortuna, CA 95540-9711
(707) 725-6182; Fax (707) 725-6186
www.humboldtcreamery.com
E-mail: info@humboldtcreamery.com

Milk Producers Council
5370 Schaefer Avenue, Suite A
Chino, CA 91710
(909) 628-6018; Fax (909) 591-7328
E-mail: mpc@milkproducers.org

Western United Dairymen
1315 K Street
Modesto, CA 95354
(209) 527-6453; Fax (209) 527-0630
www.westernuniteddairymen.com
E-mail: info@westernuniteddairymen.com

Dairy Herd Improvement Associations

California Dairy Herd Improvement
150 Clovis Avenue, Suite 102
Clovis, CA 93612
(559) 323-2600; Fax (559) 323-2603
www.cdhia.org
E-mail: cadhia@aol.com

Arcata Dairy Herd Improvement
2126 Mad River Road
Arcata, CA 95521
(707) 822-0140

Del Norte Dairy Herd Improvement
Post Office Box 266
Smith River, CA 95567
(707) 487-3843

Fresno Dairy Herd Improvement
2563 South Sarah Avenue
Fresno, CA 93706
(559) 233-7133; Fax (559) 233-0732

Kings Dairy Herd Improvement
126 South 10th Avenue
Hanford, CA 93230
(559) 582-2010; Fax (559) 582-0407

Central Counties Dairy Herd Improvement
241 Business Park Way
Atwater, CA 95301
(209) 356-0355; Fax (209) 356-0103

North Bay Dairy Herd Improvement
5609 Verni Road
Sebastopol, CA 95472
(707) 823-5135

Southern Counties Dairy Herd Improvement
7000 Merrill Avenue, Box 10, Building 4
Chino, CA 91710
(909) 597-2111; Fax (909) 597-3926

Equine

California Dressage Society
Post Office Box 417
Carmel Valley, CA 93924
(831) 659-5696; Fax (831) 659-2383
www.california-dressage.org

California Harness Horse Breeders Association
Post Office Box 254767
Sacramento, CA 95865-4767
(916) 263-7888; Fax (916) 263-7887
http://chhaonline.com/

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
(951) 928-5378; Fax (951) 928-5887
www.calreining.com

California State Horsemen's Association
264 Clovis Avenue, Suite 109
Clovis, CA 93612
(559) 325-1055; Fax (559) 325-1056
www.californiastatehorsemen.com
E-mail: csha@psnw.com

California Thoroughbred Breeders Association
Post Office Box 60018
Arcadia, CA 91066-6018
(800) 573-2822; 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
www.caa-aqua.org

California Fisheries and Seafood Institute
1521 I Street
Sacramento, CA 95814
(916) 441-5560; Fax (916) 446-1063
www.calseafood.net

California Salmon Council
Post Office 2255
Folsom, CA 95763-2255
(916) 933-7050; Fax (916) 933-7055
www.calkingsalmon.org
E-mail: info@calkingsalmon.org

Fisherman's Marketing Association
320 Second 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: calpork@innercite.com

Llamas

California International Llama Association (Cal-ILA)
1188 Olive
Sonora, CA 95370
(209) 533-4403
E-mail: llamaspn@castles.com

Ostriches and Emus

Australian Legacy
27398 Road 108
Visalia, CA 93277
(559) 734-3687; Fax (559) 627-3298
www.australianlegacy.com

Poultry and Eggs

California Poultry Federation
3117-A McHenry Avenue
Modesto, CA 95350
(209) 576-6355; Fax (209) 576-6119
www.cpif.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

Sheep

California Wool Growers Association
1225 H Street, Suite 101
Sacramento, CA 95814-1910
(916) 444-8122; Fax (916) 443-0601
www.woolgrowers.org
cwga@gvn.net

Cal-Wool Marketing Association
1010 Shaw Road
Stockton, CA 95215
(209) 466-6866; Fax (209) 466-4439

Field Crops

Alfalfa and Hay

California Grain and Feed Association
1521 I Street
Sacramento, CA 95814
(916) 441-2272; Fax (916) 446-1063
www.cgfa.org

San Joaquin Valley Hay Growers Association
5055 West 11th Street
Tracy, CA 95304
(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
www.calbeanshippers.org
E-mail: cbsacalif@aol.com

Cotton

Calcot, Ltd.
Post Office Box 259
Bakersfield, CA 93302-0259
(661) 327-5961; Fax (661) 861-9870
www.calcot.com

California Cotton Ginners and Growers Associations
1785 North Fine Avenue
Fresno, CA 93727
(559) 252-0684; Fax (559) 252-0551
www.ccgga.org

California Planting Cotton Seed Distributors
Post Office Box 80357
Bakersfield, CA 93380-0357
(661) 399-1400; Fax (661) 399-3169
www.cpcsd.com

Mid-Valley Cotton Growers
Post Office Box 901
Tulare, CA 93275
(559) 686-2823; Fax (559) 685-1550
www.cottonhost.com

Grain

California Association of Wheat Growers
1521 I Street
Sacramento, CA 95814
(916) 492-7066; Fax (916) 446-1063
E-mail: wheatgrowers@aol.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
Post Office Box 184
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
E-mail: info@slofarmbureau.org

Rice

Associated Rice Marketing Cooperative
Post Office Box 1180
Durham, CA 95938
(530) 898-1180; Fax (530) 898-1209

California Cooperative Rice Research Foundation, Rice Experiment Station
955 Butte City Highway
Biggs, CA 95917
(530) 868-5481; Fax (530) 868-1730
www.agronomy.ucdavis.edu/ricestation

California Rice Industry Association
701 University Avenue, Suite 205
Sacramento, CA 95825-6757
(916) 929-3996; Fax (916) 929-0732

Farmers' Rice Cooperative
Post Office Box 15223
Sacramento, CA 95851-0223
(916) 923-5100; Fax (916) 920-3321
www.farmersrice.com

Seed

California Crop Improvement Association
Parsons Seed Certification Center
University of California
1 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
E-mail: csa@calseed.org

Cal/West Seeds
Post Office Box 1428
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 Nurseries and Garden Centers
3947 Lennane Drive, Suite 150
Sacramento, CA 95834
(916) 928-3900; Fax (916) 567-0505
E-mail: association@cangc.org
www.cangc.org

California Flower Cooperative
17098 El Rancho Way
Salinas, CA 93907
(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.calstatefloral.com

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 94949-7201
(415) 382-0662; Fax (415) 382-8531
E-mail: info@calredwood.org
www.calredwood.org

Forest Foundation
853 Lincoln Way, Suite 208
Auburn, CA 95603
(530) 823-2363; Fax (530) 823-1850
www.calforests.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.cgtfl.com

California Rare Fruit Growers, Inc.
Fullerton Arboretum-CSUF
Post Office Box 6850
Fullerton, CA 92834-6850
(323) 257-9900; Fax (323) 257-9800
www.crfg.org

California Tree Fruit Agreement
Post Office Box 968
Reedley, CA 93654-0968
(559) 638-8260; Fax (559) 638-8842
www.caltreefruit.com

Chilean Fresh Fruit Association
601 University Avenue, Suite 275
Sacramento, CA 95825
(916) 927-1217; Fax (916) 927-1297
www.cffa.org

Fruit Growers Laboratory
853 Corporation Street
Santa Paula, CA 93060
(805) 392-2000; 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
E-mail: info@applehill.com

Apricots

Apricot Producers of California
Post Office Box 974
Turlock, CA 95381
(209) 632-9777; Fax (209) 632-9779
www.apricotproducers.com
E-mail: apricots@apricotproducers.com

California Fresh Apricot Council
19 Sherwood Court
San Francisco, CA 94127
(415) 584-4063; Fax (415) 584-3834
www.califapricot.com
E-mail: info@califapricot.com

Avocados

Eco Farm Corporation
28790 Las Haciendas Street
Temecula, CA 92390
(951) 676-4047; Fax (951) 676-1676

California Avocado Society
Post Office Box 1317
Carpinteria, CA 93014
(805) 684-2804; Fax (805) 644-1184
www.californiaavocadosociety.org
E-mail: administration@californiaavocadosociety.org

Berries

Naturipe Berry Growers, Inc.
Post Office Box 4280
Salinas, CA 93912-4280
(831) 722-2430; Fax (831) 728-9398
www.naturipe.com

Cherries

California Cherry Advisory Board
Post Office Box 877
Lodi, CA 95241
(209) 368-0685; Fax (209) 368-4309
www.calcherry.com

Citrus

California Citrus Mutual
512 North Kaweah Avenue
Exeter, CA 93221
(559) 592-3790; Fax (559) 592-3798
www.cacitrusmutual.com

California Citrus Quality Council
210 Magnolia Avenue, Suite 3
Auburn, CA 95603
(530) 885-1894; Fax (530) 885-1546
www.citrusresearch.com/ccqc

Sunkist Growers
Post Office Box 7888
Van Nuys, CA 91409
(818) 379-7340; Fax (818) 379-7492
www.sunkist.com

Paramount Citrus Association
36445 Road 172
Visalia, CA 93292
(559) 798-3171; Fax (559) 798-1033

Dried Fruits

Dried Fruit Association of California
710 Striker Avenue
Sacramento, CA 95834
(916) 561-5900; Fax (916) 561-5906
www.dfaofca.com

Raisin Administrative Committee
3445 North First Street, Suite 101
Fresno, CA 93726
(559) 225-0520; Fax (559) 225-0652
www.raisins.org
E-mail: info@raisins.org

Raisin Bargaining Association
1300 East Shaw Avenue, Suite 175
Fresno, CA 93710-7902
(559) 221-1925; Fax (559) 221-0725
www.raisinbargaining.com

Sun-Maid Growers of California
13525 South Bethel Avenue
Kingsburg, CA 93631
(559) 896-8000; Fax (559) 897-6209
www.sunmaid.com

Valley Fig Growers
2028 South Third Street
Fresno, CA 93702
(559) 237-3893; Fax (559) 237-3898
www.valleyfig.com

Dried Plums (Prunes)

Prune Bargaining Association
335 Teegarden Avenue, Suite B
Yuba City, CA 95991
(530) 674-5636; Fax (530) 674-3804
www.prunebargaining.com
E-mail: info@prunebargaining.com

Sunsweet Growers
901 North Walton Avenue
Yuba City, CA 95993
(530) 674-5010; Fax (530) 751-5238
www.sunsweet.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
601 University Avenue, Suite 135
Sacramento, CA 95825
(800) 241-1800; Fax (916) 924-5374
www.cawg.org
E-mail: info@cawg.org

Central Coast Wine Growers Association
Post Office Box 1440
Santa Maria, CA 93456-1440
(805) 928-4950; Fax (805) 928-2201
www.ccwga.org
E-mail: ccwga@verizon.net

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
E-mail: info@familywinemakers.org

Napa Valley Vintners Association
Post Office Box 141
St. Helena, CA 94574
(707) 963-3388; Fax (707) 963-3488
www.napavintners.com
E-mail: reception2@napavintners.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
1734 Saint Andrews Court
Saint Helena, CA 94574
(707) 967-9299; Fax (707) 967-5511
www.winemarketcouncil.com

Melons

California-Arizona Watermelon Association
Post Office Box 606
Piru, CA 93040
(805) 521-1756; Fax (805) 521-1528
E-mail: CAWAmelon@aol.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
E-mail: ccpa@calpeach.com

California Freestone Peach Association
1704 Herndon Road
Ceres, CA 95307
(209) 537-0715; Fax (209) 537-1043
www.calpeach.com

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: brichardson@caltreefruit.com

Nuts

Almonds

Almond Board of California
1150 Ninth Street, Suite 1500
Modesto, CA 95354
(209) 549-8262; Fax (209) 549-8267
www.almondsarein.com
E-mail: staff@almondboard.com

Almond Hullers' Processing Association
2350 Lecco Way
Merced, CA 95340
(209) 723-7661; Fax (209) 723-7943
www.ahpa.net

Blue Diamond Growers
Post Office Box 1768
Sacramento, CA 95814
(916) 442-0771; Fax (916) 446-8620
www.bluediamondgrowers.com
E-mail: feedback@bdgrowers.com

Macadamia Nuts

California Macadamia Society
Post Office Box 1298
Fallbrook, CA 92088
(760) 728-8081; Fax (760) 728-8081
http://users.aol.com/CalMacSociety

Walnuts

Diamond Walnut Growers
1050 South Diamond Street
Stockton, CA 95205
(209) 467-6000; Fax (209) 467-6709
www.diamondofcalifornia.com

Walnut Bargaining Association
542 Fifth 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
16700 Valley View Avenue, Suite 130
La Mirada, CA 90638
(714) 739-0177; Fax (714) 739-0226
www.fpfc.org
E-mail: fpfc@aol.com

Grower-Shipper Association of Central California
512 Pajaro Street
Salinas, CA 93901
(831) 422-8844; Fax (831) 422-0868
www.gsva.org
E-mail: GrowerShipperAssn@Yahoo.com

Imperial Valley Vegetable Growers Association
1000 Broadway
El Centro, CA 92243
(760) 353-1900; Fax (760) 353-3550
www.ivvga.com

Western Growers Association
Post Office Box 2130
Newport Beach, CA 92658
(949) 863-1000; Fax (949) 863-9028
www.wga.com

Beets

California Beet Growers Association
Two West Swain Road
Stockton, CA 95207-4395
(209) 477-5596; Fax (209) 477-1610
E-mail: cbga@cwnet.com

Corn

California Corn Growers, Inc.
625 South Front Street
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
E-mail: calettuceresearch@yahoo.com

Mushrooms

Mushroom Council
11501 Dublin Boulevard, Suite 200
Dublin, CA 94568
(925) 558-2749; Fax (925) 558-2740
www.mushroomcouncil.com
E-mail: info@mushroomcouncil.org

Olives

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
www.olivecouncil.com
E-mail: adin@goldstate.net

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
www.cayam.com

Tomatoes

California Tomato Growers Association
10730 Siskiyou Lane
Stockton, CA 95209
(209) 478-1761; Fax (209) 478-9460
www.ctga.org

Central California Tomato Growers Cooperative
Post Office Box 696
Merced, CA 95340
(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 & School
Plymouth, CA 95669
(209) 245-6921; Fax (209) 245-6923
www.amadorcountyfair.com

Antelope Valley Fair (50th District)
2551 W. Avenue H
Lancaster, CA 93536
(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 St
Gridley, CA 95948
(530) 846-3626; Fax (530) 846-5924

Calaveras Co. Fair & Jumping Frog Jubilee (39th District)
101 Frogtown Road
Angels Camp, CA 95222
(209) 736-2561; Fax (209) 736-2476
www.frogtown.org

California Exposition & State Fair
1600 Exposition Blvd
Sacramento, CA 95815
(916) 263-3247; Fax (916) 263-3304
www.bigfun.org

California Mid-State Fair (16th District)
2198 Riverside Ave
Paso Robles, CA 93446
(805) 239-0655; Fax (805) 238-5308
www.midstatefair.com

California Mid-Winter Fair & Fiesta (45th District)
200 East Second Street
Imperial, CA 92251
(760) 355-1181; Fax (760) 355-1425
www.ivexpo.com

Chowchilla-Madera County Fair
1000 S. Third Street
Chowchilla, CA 93610
(559) 665-3728; Fax (559) 665-3720
www.ci.chowchilla.ca.us/fairgrounds/fair.htm

Cloverdale Citrus Fair
1 Citrus Fair Drive
Cloverdale, CA 95425
(707) 894-3992; Fax (707) 894-9553
www.cloverdalecitrusfair.org

Colorado River Fair (54th District)
11995 Olive Lake Blvd.
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

Del Norte County Fair (41st District)
421 Highway 101 North
Crescent City, CA 95531
(707) 464-9556; Fax (707) 464-9519

Desert Empire Fair (53rd District)
520 South Richmond Rd
Ridgecrest, CA 93555
(760) 375-8000; Fax (760) 375-8134
www.desertempirefair.com

Dixon May Fair (36th District)
655 South First Street
Dixon, CA 95620
(707) 678-5529; Fax (707) 678-4765
www.dixonmayfair.com

Eastern Sierra Tri-County Fair (18th District)
Sierra Street & Fair Drive
Bishop, CA 93514
(760) 873-3588; Fax (760) 873-8874
www.tricountyfair.com

El Dorado County Fair
100 Placerville Drive
Placerville, CA 95667
(530) 621-5860; Fax (530) 295-2566
www.eldoradocountyfair.org

Glenn County Fair (42nd District)
221 East Yolo Street
Orland, CA 95963
(530) 865-1168; Fax (530) 865-1197
http://glenncountyfair.com

Gold Country Fair (20th District)
1273 High Street
Auburn, CA 95603
(530) 823-4533; Fax (530) 885-3225
www.goldcountryfair.com

Grand National Rodeo, Horse & Stock Show (1-A District)
2600 Geneva Avenue
San Francisco, CA 94014
(415) 404-4100; Fax (415) 337-0941
www.cowpalace.com

Humboldt County Fair
1250 5th Street
Ferndale, CA 95536
(707) 786-9511; Fax (707) 786-9450
www.humboldtcountyfair.org

Inter-Mountain Fair of Shasta County
44218 A Street
McArthur, CA 96056
(530) 336-5695; Fax (530) 336-6845
www.inter-mountainfair.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)
810 South 10th Avenue
Hanford, CA 93230
(559) 584-3318; Fax (559) 584-0192
www.kingsfair.com

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
www.lassencounty.org/fair/index.html

Lodi Grape Festival & Harvest Fair
413 East Lockford 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/fp

Madera District Fair (21-A District)
1850 West Cleveland Ave
Madera, CA 93637
(559) 674-8511; Fax (559) 674-4516
www.maderafair.com

Marin County Fair & Exposition
10 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 (same as phone)
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
web.co.merced.ca.us/springfair/

Modoc District Fair
1 Center Street
Cedarville, CA 96104
(530) 279-2315; Fax (530) 279-2555
hoover.hdo.net/~mdocfair/

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.motherlodefair.com

Napa County Fair
1435 Oak Street
Calistoga, CA 94515
(707) 942-5111; Fax (707) 942-5125
www.napacountyfairgrounds.com

Napa Town and Country Fair (25th District)
575 Third 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 95949
(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
http://countyofplumas.com/fair/index.htm

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.sacfair.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
Hollister, CA 95075
(831) 628-3421; Fax (831) 628-3551
www.sanbenitocountyfair.com

San Benito Saddle Horse Show, Rodeo & Fair
9000 Airline Highway
Hollister, CA 95075
(831) 628-3545; Fax (831) 628-3551

San Bernardino County Fair (28th District)
14800 Seventh Street
Victorville, CA 92392
(760) 951-2200; Fax (760) 951-2419
www.sbcfair.com

San Diego County Fair (22nd District)
2260 Jimmy Durante Boulevard
Del Mar, CA 92014
(858) 755-1161; Fax (858) 755-7820
www.sdfair.com

San Fernando Valley Fair (51st District)
5121 Van Nuys Blvd., Suite 204
Sherman Oaks, CA 91403
(818) 557-1600; Fax (818) 557-0600
www.sfvalleyfair.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 S. Delaware St.
San Mateo, CA 94403
(650) 574-3247; Fax (650) 574-3985
www.sanmateocountyfair.com

Santa Barbara Fair and Exposition (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)
48 Farm Road
Walnut, CA 91789
(909) 468-4433; Fax (909) 468-4439
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 Rd.
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

Southern California Fair (46th District)
18700 Lake Perris Drive
Perris, CA 92571
(951) 657-4221; Fax (951) 657-5412
www.socalfair.com

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
http://tehamadistrictfair.com

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 Jr. Avenue
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.tbvfair.com

Ventura County Fair (31st District)
10 West Harbor Boulevard
Ventura, CA 93001
(805) 648-3376; Fax (805) 648-1012
www.seasidepark.org

Yolo County Fair (40th District)
1125 East Street
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

COUNTY 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
(510) 670-5232; Fax (510) 783-3928

Amador County
12200 Airport Road
Jackson, CA 95642-9527
(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 94520-4804
(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 95503-6998
(707) 445-7223; Fax (707) 445-7220

Imperial County
150 South Ninth Street
El Centro, CA 92243-2850
(760) 482-4314; 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 93307-2857
(661) 868-6300; Fax (661) 868-6301

Kings County
680 North Campus Drive, Suite B
Hanford, CA 93230-5923
(559) 582-3211 Ext. 2831; Fax (559) 582-5251

Lake County
883 Lakeport Boulevard
Lakeport, CA 95453
(707) 263-0217; Fax (707) 263-1052

Lassen County
175 Russell Avenue
Susanville, CA 96130-4299
(530) 251-8110; Fax (530) 257-6515

Los Angeles County
12300 Lower Azusa Road
Arcadia, CA 91006
(626) 575-5451; 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) 499-6700; Fax (415) 499-7543

Mariposa County
5009 Fairgrounds Road
Mariposa, CA 95338-0905
(209) 966-2075; Fax (209) 966-2056

Mendocino County
890 North Bush Street
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 Fourth Street
Alturas, CA 96101-3915
(530) 233-6401; Fax (530) 233-5542

Monterey County
1428 Abbott Street
Salinas, CA 93901
(831) 759-7325; Fax (831) 759-2268

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
10852 Douglass Road, Building D
Anaheim, CA 92806-6031
(714) 447-7100; Fax (714) 774-2741

Placer County
11477 E Avenue
Auburn, CA 95603-2799
(530) 889-7372; Fax (530) 823-1698

Plumas/Sierra County
208 Fairgrounds Road
Quincy, CA 95971-9462
(530) 283-6365; Fax (530) 283-4210

Riverside County
4080 Lemon Street, Room 19
Riverside, CA 92502-1089
(909) 955-3000; 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 95024
(831) 637-5344; Fax (831) 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
1390 Market Street, Suite 822
San Francisco, CA 94102
(415) 252-3830; Fax (415) 252-3818

San Joaquin County
1868 East Hazelton Avenue
Stockton, CA 95201-1809
(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

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
(707) 421-7465; Fax (707) 429-0827

Sonoma County
133 Aviation Boulevard, Suite 110
Santa Rosa, CA 95403-2893
(707) 565-2371; Fax (707) 565-3850

Stanislaus County
3800 Cornucopia Way, Suite B
Modesto, CA 95358
(209) 525-4730; Fax (209) 525-4789

Sutter County
142 Garden Highway
Yuba City, CA 95991-5512
(530) 822-7500; Fax (530) 822-7510

Tehama County
1760 Walnut Street
Red Bluff, CA 96080
(530) 527-4504; Fax (530) 529-1049

Trinity County
173 Tom Bell Road
Weaverville, CA 96093-1466
(530) 623-1356; Fax (530) 623-1391

Tulare County
4437 South Laspina Street
Tulare, CA 93291-4584
(559) 685-3323; Fax (559) 685-3335

Tuolumne County
2 South Green Street
Sonora, CA 95370-4617
(209) 533-5691; Fax (209) 533-5520

Ventura County
815 East Santa Barbara Street
Santa Paula, CA 93061-0889
(805) 933-8415; Fax (805) 525-8922

Yolo County
70 Cottonwood Street
Woodland, CA 95695-2593
(530) 666-8140; Fax (530) 662-6094

Yuba County
915 Eighth Street, Suite 127
Marysville, CA 95901
(530) 749-5400; Fax (530) 749-5404

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) 561-5690
www.cfbf.com
E-mail: cfbf@cfbf.com

Alameda County Farm Bureau
638 Enos Way, Suite 1
Livermore, CA 94551
(925) 449-1677; Fax (same as phone)
E-mail: alamedafb@fbconnectu.net

Amador County Farm Bureau
Post Office Box 159
Jackson, CA 95642-0159
(209) 223-9095; Fax (same as phone)
E-mail: jscan@jps.net

Butte County Farm Bureau
2580 Feather River Boulevard
Oroville, CA 95965-9692
(530) 533-1473; Fax (530) 533-6508
www.butte.cfbf.com

Calaveras County Farm Bureau
6455 Cane Lane
Valley Springs, CA 95252
(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
www.ccfb.com
E-mail: ccfb@colusanet.com

Contra Costa County Farm Bureau
5554 Clayton Road, Suite 4
Concord, CA 94521-4198
(925) 672-5115; Fax (925) 672-8382
www.cccfb.org
E-mail: cccfb@value.net

Del Norte County Farm Bureau
11775 Ocean View Drive
Smith River, CA 95567
(707) 487-0612; Fax (same as phone)
E-mail: erniesilva.smithriver@verizon.net

El Dorado County Farm Bureau
2460 Headington Road
Placerville, CA 95667
(530) 622-7773; Fax (530) 622-7839
E-mail: edcfb@d-web.com

Fresno County Farm Bureau
1274 West Hedges
Fresno, CA 93728-1202
(559) 237-0263; Fax (559) 237-3396
www.fcfb.org
E-mail: info@fcfb.org

Glenn County Farm Bureau
501 Walker Street
Orland, CA 95963-1350
(530) 865-9636; Fax (530) 865-7182
E-mail: glenncfb@sunset.net

Humboldt County Farm Bureau
5601 South Broadway
Eureka, CA 95503-6904
(707) 443-4844; Fax (707) 443-0926
E-mail: humboldtfb@aol.com

Imperial County Farm Bureau
1000 Broadway
El Centro, CA 92243-2315
(760) 352-3831; Fax (760) 352-0232
www.icfb.net
E-mail: icfb@sbcglobal.net

Inyo-Mono County Farm Bureau
58429 Highway 120
Benton, CA 93512
(760) 933-2505; Fax (760) 933-2278
E-mail: inyomonofb@earthlink.net

Kern County Farm Bureau
801 South Mount Vernon Avenue
Bakersfield, CA 93307-2408
(661) 397-9635; Fax (661) 397-3403
www.kerncfb.com
E-mail: icfb@sbcglobal.net

Kings County Farm Bureau
870 Greenfield Avenue
Hanford, CA 93230-3570
(559) 584-3557; Fax (559) 584-1614
www.kcfb.org
E-mail: kcfb@kcfb.org

Lake County Farm Bureau
65 Soda Bay Road
Lakeport, CA 95453
(707) 263-0911; Fax (707) 263-1101
www.lakecofb.com
E-mail: lcfarmbureau@sbcglobal.net

Lassen County Farm Bureau
20 South Gay Street
Susanville, CA 96130
(530) 257-7242; Fax (same as phone)
E-mail: lcfb@psln.com

Los Angeles County Farm Bureau
41228 12th Street West, Suite A
Palmdale, CA 93551
(661) 274-9709; Fax (661) 274-0637
www.lacfb.org

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
Post Office Box 219
Point Reyes Station, CA 94956-0219
(415) 663-1231; Fax (415) 663-1141
E-mail: marincfb@svn.net

Mariposa County Farm Bureau
5320 Highway 29 North, Suite 1B
Mariposa, CA 95338
(209) 742-5875; Fax (209) 966-7411
E-mail: mcfarmbureau@sti.net

Mendocino County Farm Bureau
303-C Talmage Road
Ukiah, CA 95482-6417
(707) 462-6664; Fax (707) 462-6681
www.mendofb.org
E-mail: mendofb@pacific.net

Merced County Farm Bureau
Post Office Box 1232
Merced, CA 95341-1232
(209) 723-3001; Fax (209) 722-3814
www.mercedcountyfb.org
E-mail: mcfb@pacbell.net

Modoc County Farm Bureau
Post Office Box 1692
Alturas, CA 96101-1692
(530) 233-3276; Fax (530) 233-4738
E-mail: modoccfb@hdo.net

Monterey County Farm Bureau
Post Office Box 1449
Salinas, CA 93902-1449
(831) 751-3100; Fax (831) 751-3167
www.montereycountyfarmbureau.org
E-mail: mocofb@redshift.com

Napa County Farm Bureau
811 Jefferson Street
Napa, CA 94559-2422
(707) 224-5403; Fax (707) 224-7836
www.napafarmbureau.org
E-mail: info@napafarmbureau.org

Nevada County Farm Bureau
Post Office Box 43
Chicago Park, CA 95712-0043
(530) 346-8146; Fax (same as phone)
www.nevadacofb.org

Orange County Farm Bureau
13042 Old Myford Road
Irvine, CA 92620-1606
(714) 573-0374; Fax (714) 573-0376
http://orange.cfbf.com
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)
E-mail: plumassierrafb@psln.com

Riverside County Farm Bureau
21160 Box Springs Road, Suite 102
Moreno Valley, CA 92557-8706
(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
www.sacfarmbureau.com
E-mail: sacfarmbur@msn.com

San Benito County Farm Bureau
530 San Benito Street, Suite 201
Hollister, CA 95023-3955
(831) 637-7643; Fax (831) 637-7999
E-mail: sbcfb@garlic.com

San Bernardino County Farm Bureau
210 South Riverside Avenue
Rialto, CA 92376-6453
(909) 875-5945; Fax (909) 874-6195
E-mail: sbfarmbureau@msn.com

San Diego County Farm Bureau
1670 East Valley Parkway
Escondido, CA 92027-2409
(760) 745-3023; Fax (760) 489-6348
www.sdfarmbureau.org
E-mail: sdcfb@sdfarmbureau.org

San Joaquin Farm Bureau Federation
Post Office Box 8444
Stockton, CA 95208-0444
(209) 931-4931; Fax (209) 931-1433
www.sjfb.org
E-mail: staff@sjfb.org

San Luis Obispo County Farm Bureau
651 Tank Farm Road
San Luis Obispo, CA 93401-7002
(805) 543-3654; Fax (805) 543-3697
www.slofarmbureau.org

San Mateo County Farm Bureau
765 Main Street
Half Moon Bay, CA 94019-1924
(650) 726-4485; Fax (650) 726-4495
www.sanmateo.cfbf.com
E-mail: smcfbhmb@aol.com

Santa Barbara County Farm Bureau
Post Office Box 1846
Buellton, CA 93427-1846
(805) 688-7479; Fax (805) 688-0428
www.sbcfb.com
E-mail: farmsbc@hwy246.net

Santa Clara County Farm Bureau
605 Tennant Avenue, Suite H
Morgan Hill, CA 95037-5533
(408) 776-1684; Fax (408) 776-7804
E-mail: farmers@sccfarmbureau.org

Santa Cruz County Farm Bureau
141 Monte Vista Avenue
Watsonville, CA 95076-3271
(831) 724-1356; Fax (831) 724-5821
www.sccfb.com
E-mail: sccfb@sbcglobal.net

Shasta County Farm Bureau
1890 Briggs Street
Anderson, CA 96007
(530) 223-2358; Fax (530) 365-4607
www.shastafarmbureau.com
E-mail: info@shastafarmbureau.com

Siskiyou County Farm Bureau
809 South Fourth Street
Yreka, CA 96097-3311
(530) 842-2364; Fax (same as phone)
www.snowcrest.net/siskfarm
E-mail: siskfarm@snowcrest.net

Solano County Farm Bureau
2210 Boynton Avenue, Suite E
Fairfield, CA 94533-4320
(707) 425-8044; Fax (707) 425-6172
E-mail: mdiehl@castles.com

Sonoma County Farm Bureau
970 Piner Road
Santa Rosa, CA 95403-1988
(707) 544-5575; Fax (707) 544-7452
www.sonomacountyfarmbureau.com

Stanislaus County Farm Bureau
Post Office Box 3070
Modesto, CA 95354-3070
(209) 522-7278; Fax (209) 521-9938
www.stanfarmbureau.com
E-mail: waynez@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: tcfb@sbcglobal.net

Trinity County Farm Bureau
Star Route 1, Box 72
Zenia, CA 95595
(707) 923-9695; Fax (same as phone)
E-mail:
trinityco-farmbureau@starband.net

Tulare County Farm Bureau
Post Office Box 748
Visalia, CA 93279-0748
(559) 732-8301; Fax (559) 732-7029
www.tulcofb.org
E-mail: tcfb@tulcofb.org

Tuolumne County Farm Bureau
Post Office Box 748
Jamestown, CA 95327
(209) 984-5922; Fax (same as phone)
E-mail: tcfarmbureau@mlode.com

Ventura County Farm Bureau
Post Office Box 3160
Ventura, CA 93006-7360
(805) 289-0155; Fax (805) 658-0295
www.vcfarmbureau.com
E-mail: admin@farmbureauvc.com

Yolo County Farm Bureau
Post Office Box 1556
Woodland, CA 95776
(530) 662-6316; Fax (530) 662-8611
www.yolofarmbureau.org
E-mail: info@yolofarmbureau.org

Yuba-Sutter County Farm Bureau
475 Palora Avenue, Suite A
Yuba City, CA 95991
(530) 673-6550; Fax (530) 671-5836
http://yubasutter.cfbf.com
E-mail: yuba-sutterfb@sbcglobal.net

CERTIFIED FARMERS' MARKET ASSOCIATIONS

African Firefighters In Benevolent Association
3010 Wilshire Blvd., Suite 257
Los Angeles, CA 90010
(323) 292-5550; Fax (323) 292-5558
E-mail: afiba5730@hotmail.com

Amador Farmers' Market Association
Post Office Box 1543
Jackson, CA 95642
(209) 296-5504

Avila Business Association
Post Office Box 488
Avila Beach, CA 93424
(805) 773-6996

Brea Downtown Owner's Association
210 W. Birch Street, Suite 206
Brea, CA
(714) 329-6755; Fax (714) 956-3588

California Farmers' Markets Association
3000 Citrus Circle
Walnut Creek, CA 94598
(925) 465-4690; Fax (925) 465-4693
www.cafarmersmkts.com

California Federation of Certified Farmers' Markets
Post Office Box 1813
Davis, CA 95617
(530) 756-1695; Fax (530) 756-1858

Certified Farmers' Market of Sacramento
9656 Sheldon Road
Elk Grove, CA 95624
(916) 688-0100; Fax (916) 689-9794

Chula Vista Downtown Business Association
272 Third Ave
Chula Vista, CA 91910
(619) 422-1982; Fax (619)422-1452
E-mail: beth@cvdba.com

Downtown Anaheim Association
P.O. Box 688
Anaheim, CA 92815
(714) 956-3586; Fax (714) 956-3588
E-mail: downtownanaheim@yahoo.com

Downtown Business Association of Escondido
120 West Grand, Suite 202
Escondido, CA 92025
(760) 745-8877; Fax (760) 745-0307
E-mail: escdba@pacbell.net

Downtown Chico Business Association
336 Broadway Street, Suite 28
Chico, CA 95928
(530) 345-6500; Fax (530) 345-3277
E-mail: TNM@downtownchico.net

El Cerrito Plaza Merchant's Association
3020 El Cerrito Plaza
El Cerrito, CA 94530
(510) 528-7992; Fax (510) 531-6632

El Dorado County Farm Trails Association
Post Office Box 542
Camino, CA 95709
(530) 644-3492

Foothill Farmers' Market Association
Post Office Box 3343
Auburn, CA 95604
(530) 823-6183; Fax (530) 887-8295

Fullerton Certified Farmers' Market Association
Post Office Box 6093
Fullerton, CA 92834
(714) 871-5304; Fax (714) 535-5694

Glendora Farmers' Market Association
417 Foothill Boulevard, Suite B212
Glendora, CA 91741
(626) 335-8128; Fax (626) 914-4822
E-mail: info@gfma.org

Golden Gate Farmers' Market Association
149 Ignacio Valley Circle
Novato, CA 94949
(415) 382-7846; Fax (415) 382-8946

Hillcrest Association
Post Office Box 3714
San Diego, CA 92163
(619) 299-3330

Hollister Downtown Association
455 San Benito Street, Suite 21
Hollister, CA 95023
(831) 636-8406; Fax (831) 636-5909

Japantown Business Association
565 North 6th Street, Suite G
San Jose, CA 95112
(408) 298-4303; Fax (408) 286-4413
E-mail: sanjosejtown@sbcglobal.new

Kern Farmers' Market Association
21802 Highway 202
Tehachapi, CA 93561
(661) 319-9108

Marin County Farmers' Market Association
1114 Irwin Street
San Rafael, CA 94901
(415) 456-3276; Fax (415) 453-7502

Mendocino County Farmers' Market Association
Post Office Box 2176
Fort Bragg, CA 95437
(707) 964-6340

Montrose Shopping Park Association
Post Office Box 782
Montrose, CA 91021
(818) 399-9679

Napa Downtown Association
Post Office Box 5180
Napa, CA 94581
(707) 252-7142

North Coast Growers Association
Post Office Box 4232
Arcata, CA 95518
(707) 441-9999; Fax (707) 825-7503

North County Farmers' Market Association
Post Office Box 1783
Paso Robles, CA 93447
(805) 227-2113; Fax (805) 467-9717

Ocean Beach Mainstreet Association
Post Office Box 7990
San Diego, CA 92167
(619) 224-4906; Fax (619) 516-1618

Old Capistrano Merchants Association
31781 Camino
Capistrano, CA 92675
(714) 493-4700

Old Monterey Business Association
321 Alavarado Street, Suite G
Monterey, CA 93940
(831) 655-8070; Fax: (831) 655-8072
E-mail: omba@oldmonterey.org

Pacific Coast Certified Farmers' Market Association
5056 Commercial Circle, Suite E
Concord, CA 94520
(925) 825-9090; Fax (925) 825-9101

Reedley Downtown Association
Post Office Box 615
Reedley, CA 93654
(559) 638-5484; Fax (559) 638-5484
E-mail: info@reedleydowntown.com

San Luis Obispo County Farmers' Market Association
Post Office Box 16058
San Luis Obispo, CA 93406
(805) 544-9570; Fax (805) 544-9570

Santa Barbara CFM Association
232 Anacapa Street, Ste. 1-A
Santa Barbara, CA 93101
(805) 962-5354; Fax (805) 962-1453

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) 367-0223
E-mail: ses@stopware.com

South Pasadena Mission West Association
7056 Texhoma Ave
Lake Balboa, CA 91406
(818) 363-3367; Fax (626) 799-9225

Southland Farmers' Market Association
Post Office Box 858
Topanga, CA 90290
(310) 481-0167; Fax (310) 481-0181
E-mail: howell@sfma.net

Stockton Certified Farmers Market Association
2707 East Fremont Street, Suite #9
Stockton, CA 95205
(209) 943-1830; Fax (209) 469-0160
www.stocktonfarmersmarket.org

Studio City Residents Association
Studio City Chamber of Commerce
Post Office Box 1374
Studio City, CA 91614
(818) 509-0230; Fax (818) 655-8270

Thursday Night Market Association
637 First Street
Santa Rosa, CA 95404
(707) 524-2123; Fax (707) 545-6914
E-mail: market@santarosachamber.com

Trinity Growers Association
Post Office Box 1821
Hayfork, CA 96041
(530) 628-4318

Urban Village Farmers' Market Association
39120 Argonaut Way, Suite 780
Fremont, CA 94538
(510) 745-7100; Fax (510) 745-7180
www.urbanvillageonline.com
E-mail: urbanvillage@earthlink.net

Valley Farmers' Market Association
23888 Avenue 208
Lindsay, CA 93247
(559) 568-2285; Fax (866) 284-9416

Ventura County Certified Farmers' Market Association
Post Office Box 1959
Moorpark, CA 93020
(805) 529-6266; Fax (805) 524-4690
E-mail: vccfm@msn.com

West LA Cultural Association
11901 Santa Monica Blvd., #318
Los Angeles, CA 90025
(310) 281-7855; Fax (310) 996-6761
E-mail: hixnheyer@earthlink.net

Whittier Uptown Association
7028 Greenleaf Avenue, Suite J
Whittier, CA 90602
(562) 696-2662; Fax (562) 696-3763
E-mail: uptownwhittier@verizon.net

FARM LABOR ORGANIZATIONS

Agricultural Labor Relations Board
915 Capitol Mall, Third Floor
Sacramento, CA 95814
(916) 653-3699; Fax (916) 653-8750
www.alrb.ca.gov

Agricultural Personnel Management Program
University of California
207 Giannini Hall
Berkeley, CA 94720-3310
(510) 642-3345; Fax (831) 643-8911

AgSafe
Post Office Box 614
Clovis, CA 96313-0614
(559) 278-4404; Fax (559) 278-7035
www.agsafe.org
E-mail: safeinfo@agsafe.org

California Grower Foundation
176 Main Street, Suite C
St. Helena, CA 94574
(707) 963-7191; Fax (707) 963-5728

California Independent Grocers Association
1425 River Park Drive, Suite 226
Sacramento, CA 95815
(916) 929-9741; Fax (916) 929-0301
www.ciga.org

California Labor Federation
600 Grand Avenue, Suite 410
Oakland, CA 94610-3561
(510) 663-4000; Fax (510) 663-4099
www.calaborfed.org

California Processors, Inc.
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
(800) 753-9073; Fax (916) 561-5696
www.fels.org
E-mail: fels@fels.org

Farm Worker Institute for Education and Leadership Development
Post Office Box 62
Keene, CA 93531
(661) 823-6140; 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
E-mail: GrowerShipperAssn@yahoo.com

Nisei Farmers League
1775 North Fine Street
Fresno, CA 93727
(559) 251-8468; Fax (559) 251-8430
www.niseifarmersleague.com

United Agribusiness League
54 Corporate Park
Irvine, CA 92606
(800) 223-4590; Fax (949) 975-1424
www.ual.org

United Farm Workers of America
Post Office Box 62
Keene, CA 93531
(661) 823-6250; Fax (661) 823-6177
www.ufw.org
E-mail: UFWofamer@aol.com

University of California Cooperative Extension
Ag Labor Management
3800 Cornucopia Way, #A
Modesto, CA 95358-9492
(209) 525-6800; Fax (209) 525-6840

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
Post Office Box 156
New Prague, MN 56071
(952) 758-6502; Fax (952) 758-5813
www.ageditors.com

American Agri-Women
5910 North Shary Road
Mission, TX 78574-9656
(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.org

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
1931 Warren Court
Merced, CA 95340
(209) 724-0223

Central Coast Field Office
2587 Villamonte Court
Camarillo, CA 93010
(805) 797-2277; Fax (805) 388-3516

American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
(269) 429-0300; Fax (269) 429-3852
www.asabe.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) 961-2800; 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, Suite 100
Ames, IA 50010
(800) 247-2110
www.nfo.org

Organic Trade Association
Post Office Box 547
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
945 Southwest Ankeny Road
Ankeny, IA 50021
(515) 289-2331; Fax (515) 289-1227
www.swcs.org

United Fresh Fruit and Vegetable Association
1901 Pennsylvania Avenue, NW, Suite 1100
Washington, D.C. 20006
(202) 303-3400; Fax (202) 303-3433
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
Post Office Box K227
8100 Three Chopt Road
Richmond, VA 23288
(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
1501 Wyandotte
Kansas City, MO 64108
(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 CattleWomen
Post Office Box 3881
Englewood, CO 80155
(303) 694-0313; Fax (303) 694-2390
www.ancw.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
http.4ilia.com

National Cattlemen's Beef Association
9110 East Nichols Avenue, Suite 300
Centennial, CO 80112
(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
Post Office Box 4430
2315 North Main Street, Suite 402
Fort Worth, TX 76106
(817) 625-6241; Fax (817) 625-1388
www.tlbaa.org

U.S. Meat Export Federation
1050 17th Street, Suite 2200
Denver, CO 80265
(303) 623-6328; Fax (303) 623-0297
www.usmef.org

DAIRY

American Butter Institute
2101 Wilson Boulevard, Suite 400
Arlington, VA 22201
(703) 243-6111; Fax (703) 841-9328
www.butterinstitute.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
116 North York Street
Elmhurst, IL 60126
(630) 530-8700; Fax (630) 530-8707
www.adpi.org

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 Dairies, Inc.
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: unitedag@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.aaep.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
1616 H Street, NW, 7th Floor
Washington, D.C. 20006
(202) 296-4031; Fax (202) 296-1970
www.horsecouncil.org

American Mule Association
Post Office Box 1349
Yerington, NV 89447
(775) 463-1922
www.americanmuleassociation.com

American Paint Horse Association
Post Office Box 961023
Fort Worth, TX 76161-0023
(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
1211 Hill Harrell Road
Effingban, SC 29541
(843) 629-0072
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 Association
10805 East Bethany Drive
Aurora, CO 80014
(303) 696-4500; Fax (303) 696-4599
www.arabianhorses.org

United States Trotting Association
750 Michigan Avenue
Columbus, OH 43215
(877) 800-8782; 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
Post Office Box 9114
Des Monines, IA 50306
(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
5757 West Fork Road
Cincinnati, OH 42447
(508) 473-8769
www.amerpoultryassn.com

National Chicken Council
1015 15th Street, NW, Suite 930
Washington, D.C. 20005-2622
(202) 296-2622; Fax (202) 293-4005
www.nationalchickencouncil.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

U.S. Poultry and Egg Association
1530 Cooledge Road
Tucker, GA 30084-7303
(770) 493-9401; Fax (770) 493-9257
www.poultryegg.org

SHEEP

American Sheep Industry Association
9785 Maroon Circle
Centennial, 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) 863-1000; Fax (949) 863-9028
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
(800) 707-0014; Fax (727) 367-9702
www.nationalhay.org

BEANS

United States Dry Bean Council
Post Office Box 550
Grapeview, WA 98546
(703) 556-9305; Fax (703) 556-9301
www.usdrybeans.com

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
632 Cepi Drive
Chesterfield, MO 63005
(636) 733-9004; Fax (636) 733-9005
www.ncga.com

COTTON

American Cotton Shippers Association
88 Union Center, Suite 1204
Memphis, TN 38103
(901) 525-5352; 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
Post Office Box 8368
Topeka, KS 66608-0368
(785) 233-7063; Fax (785) 233-7928
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
4201 N Interstate 27
Lubbock, TX 79403
(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

USA Rice Federation
4301 North Fairfax Drive, Suite 425
Arlington, VA 22203-1616
(703) 236-2300; Fax (703) 236-2301
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 63141-5009
(314) 576-1770; Fax (314) 576-2786
www.soygrowers.com

SUNFLOWERS

National Sunflower Association
4023 State Street
Bismark, ND 58503-0690
(701) 328-5100; Fax (701) 328-5101
www.sunflowernsa.com

WHEAT

National Association of Wheat Growers
415 Second Street, NE, Suite 300
Washington, D.C. 20002-4993
(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
106 W. Capitol, Suite 2
Pierre, SD 57501-0966
(605) 224-5187; Fax (605) 224-0517
www.wheatqualitycouncil.org

Floral and Nursery

American Association of Botanical Gardens and Arboreta
100 West 10th Street, Suite 614
Wilmington, DE 19801
(302) 655-7100; Fax (302) 655-8100
www.aabga.org

American Horticultural Society
7931 East Boulevard Drive
Alexandria, VA 22308
(703) 768-5700; Fax (703) 768-8700
www.ahs.org

American Horticultural Therapy Association
3570 E. 12th Ave.
Denver, CO 80206
(303) 322-2482; Fax (303) 332-2485
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) 737-1944; Fax (202) 955-4588
www.americanforests.org

American Forest and Paper Association
1111 19th Street, NW, Suite 800
Washington, D.C. 20036
(800) 878-8878
www.afandpa.org

American Walnut Manufacturers Association
Post Office Box 5046
35 Village Court
Zionsville, IN 46077
(317) 873-8780; Fax (same as phone)
www.walnutassociation.org

Forest Landowners Association, Inc.
Post Office Box 450209
Atlanta, GA 31145
(404) 325-2954; Fax (404) 325-2955
www.forestlandowners.com

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

Fruits

APPLES

Apple Processors Association
1629 K Street, NW, Suite 1100
Washington, D.C. 20006
(202) 785-6715

U.S. Apple Association
8233 Old Courthouse Road, Suite 200
Vienna, VA 22182
(703) 442-8850; Fax (703) 790-0845
www.usapple.org

BERRIES

North American Blueberry Council
2390 East Bidwell Street, Suite 300
Folsom, CA 95630-3873
(916) 983-0111; Fax (916) 983-9022
www.blueberry.org

CHERRIES

Cherry Marketing Institute
Post Office Box 30285
Lansing, MI 48909-7785
(517) 669-4264; Fax (517) 669-3354
www.usacherries.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

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
Yakima, WA 98901-2145
(509) 453-4837; Fax (509) 453-4880
www.eatcannedpears.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

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 Seventh 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 95814
(916) 445-3846; Fax 445-6401
www.calepa.ca.gov

Air Resources Board
1001 I Street
Sacramento, CA 95814
(916) 322-2990; Fax (916) 445-5025
www.arb.ca.gov

California Integrated Waste Management Board
1001 I Street
Sacramento, CA 95814
(916) 341-6000; Fax (916) 341-6054
www.ciwmb.ca.gov

Environmental Health Hazard Assessment
1001 I Street
Sacramento, CA 95814
(916) 324-7572; Fax (916) 327-1097
www.oehha.org

Department of Pesticide Regulation
1001 I Street
Sacramento, CA 95814
(916) 445-4300; Fax (916) 324-1452
www.cdpr.ca.gov

Division of Enforcement, Environmental Monitoring, Pest Management and Licensing
Environmental Monitoring Branch
1001 I Street
Sacramento, CA 95814
(916) 324-4100; Fax (916) 324-4088

Enforcement Branch
1001 I Street
Sacramento, CA 95814
(916) 445-4036; Fax (916) 445-3907

Pest Management and Licensing Branch
1001 I Street
Sacramento, CA 95814
(916) 445-3870

Division of Registration and Health Evaluation
Pesticide Registration Branch
1001 I Street
Sacramento, CA 95814
(916) 445-4377; Fax (916) 324-1719

Medical Toxicology Branch
1001 I Street
Sacramento, CA 95814
(916) 445-4233; Fax (916) 324-3506

Worker Health and Safety Branch
1001 I Street
Sacramento, CA 95814-2828
(916) 445-4260; Fax (916) 445-4280

State Water Resources Control Board
1001 I Street
Sacramento, CA 95814
(916) 341-5250; Fax (916) 341-5252
www.swrcb.ca.gov

Department of Toxic Substances Control
1001 I Street
Sacramento, CA 95814
(916) 324-1826; Fax (916) 324-1788
www.dtsc.ca.gov

California Legislative Committees

Assembly Committee on Agriculture
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 Michael Machado, Chairman
State Capitol, Room 406
Sacramento, CA 95814
(916) 445-2206; Fax (916) 327-8290
www.senate.ca.gov

California Resources Agency

1416 Ninth Street, Suite 1311
Sacramento, CA 95814
(916) 653-5656; Fax (916) 653-8102
www.resources.ca.gov

CALFED Bay-Delta Authority
650 Capitol Mall, 5th Floor
Sacramento, CA 95814
(916) 445-5511; Fax (916) 445-7297
www.calwater.ca.gov

California Coastal Commission
45 Fremont Street, Suite 2000
San Francisco, CA 94105-2219
(415) 904-5200; Fax (415) 904-5400
www.coastal.ca.gov

California Coastal Conservancy
1330 Broadway, 11th Floor
Oakland, CA 94612
(510) 286-1015; Fax (510) 286-0470
www.scc.ca.gov

California Energy Commission
1516 Ninth 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
www.crb.ca.gov

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 Ninth Street
Sacramento, CA 95814
(916) 445-0411; Fax (916) 653-1856
www.dfg.ca.gov

Department of Forestry and Fire Protection
1416 Ninth 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) 654-6374
www.cal-parks.ca.gov

Department of Water Resources
1416 Ninth Street
Sacramento, CA 95814
(916) 653-7007; Fax (916) 653-6985
www.dwr.water.ca.gov

Reclamation Board
3310 El Camino Avenue, Room LL40
Sacramento, CA 94236
(916) 574-0609; Fax (916) 574-0682
www.recbd.ca.gov

California State Lands Commission

100 Howe Avenue, Suite 100 South
Sacramento, CA 95825-8202
(916) 574-1900; Fax (916) 574-1810
www.slc.ca.gov

U.S. Bureau of Reclamation

Mid-Pacific Region
2800 Cottage Way
Sacramento, CA 95825
(916) 978-5100; Fax (916) 978-5114
www.usbr.gov/mp

U.S. Department of Agriculture – California Offices

Agricultural Research Service
San Joaquin Valley Agricultural Sciences Center
9611 South Riverbend Avenue
Parlier, CA 93648
(559) 596-2971
www.fresno.ars.usda.gov

Western Regional Research Center
800 Buchanan Street
Albany, CA 94710
(510) 559-6060; Fax (510) 559-5963
www.pwa.ars.usda.gov

Animal and Plant Health Inspection Service, Veterinary Services
California/Nevada Area Office
9580 Micron Avenue, Suite E
Sacramento, CA 95827
(916) 857-6170; Fax (916) 857-6196
www.aphis.usda.gov

National Agricultural Statistics Service California Field Office
650 Capitol Mall, Suite 6-100
Sacramento, CA 95814
(916) 498-5161; Fax (916) 498-5186
www.nass.usda.gov/ca

California Marketing Order Branch
Agricultural Marketing Service
2202 Monterey Street, Suite 102-B
Fresno, CA 93721
(559) 487-5901; Fax (559) 487-5906
www.ams.usda.gov

Farm Service Agency
430 G Street, Suite 4161
Davis, CA 95616-4161
(530) 792-5520; Fax (530) 792-5555
www.fsa.usda.gov/ca

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
620 Central Avenue, Building 2C
Alameda, CA 94501
(510) 337-5000; Fax (510) 337-5081
www.fsis.usda.gov

Forest Service
Pacific Southwest Region
1323 Club Drive
Vallejo, CA 94592
(707) 562-8737; Fax (707) 562-9130
www.r5.fs.fed.us

Grain Inspection, Packers and Stockyards Administration
California Federal/State Office
1220 N Street
Sacramento, CA 95814
(916) 445-0444; Fax (916) 445-2175
www.usda.gov/gipsa

National 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) 792-5870; Fax (530) 792-5893
www.rma.usda.gov

Rural Development
430 G Street, Suite 4169
Davis, CA 95616-4169
(530) 792-5800; Fax (530) 792-5837
www.rurdev.usda.gov/ca

U.S. Department of Agriculture – National Offices

Office of Communications
1400 Independence Avenue
Washington, D.C. 20250
(202) 720-4623
www.usda.gov

FARM AND FOREIGN AGRICULTURAL SERVICE

Farm Service Agency
Public Affairs
(202) 720-7809
www.fsa.usda.gov

Foreign Agricultural Service
Public Affairs
(202) 720-3448
www.fas.usda.gov

Risk Management Agency
General Information
(202) 690-2803
www.rma.usda.gov

FOOD, NUTRITION AND CONSUMER SERVICE

Center for Nutrition Policy and Promotion
General Information
(703) 305-7600
www.usda.gov/cnpp

Food and Nutrition Service
Communications
and Governmental Affairs
(703) 305-2281
www.fns.usda.gov/fns

FOOD SAFETY

Food Safety and Inspection Service
Public Affairs
(202) 720-9113
www.fsis.usda.gov

MARKETING AND REGULATORY PROGRAMS

Agricultural Marketing Service
Public Affairs
(202) 720-8998
www.ams.usda.gov

Animal and Plant Health Inspection Service
Legislative and Public Affairs
(202) 720-2511
www.aphis.usda.gov

Grain Inspection, Packers and Stockyards Administration
Public Affairs
(202) 720-5091
www.usda.gov/gipsa

NATURAL RESOURCES AND ENVIRONMENT

Forest Service
Office of Communication
(202) 205-8333
www.fs.fed.us

Natural Resources Conservation Service
Office of Communication
(202) 720-3210
www.nrcs.usda.gov

RESEARCH, EDUCATION AND ECONOMICS

Agricultural Research Service
General Information
(301) 504-1638
www.ars.usda.gov

Cooperative State Research, Education and Extension Service
Office of Communication
(202) 720-2677
www.reeusda.gov

Economic Research Service
General Information
(202) 694-5050
www.ers.usda.gov

National Agricultural Statistic Service
Information Hotline
(800) 727-9540
www.usda.gov/nass

RURAL DEVELOPMENT

Office of Community Development
Information Hotline
(800) 645-4712
www.rurdev.usda.gov/ocd

Rural Business-Cooperative Service
Cooperative Services
(202) 720-7558
www.rurdev.usda.gov/rbs

Rural Housing Service
General Information
(202) 720-4323
www.rurdev.usda.gov/rhs

Rural Utilities Service
Legislative and Public Affairs
(202) 720-1255
www.rurdev.usda.gov/rus

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www.nasda.org

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http://agi.state.al.us

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Palmer, AK 99645-6736
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www.dnr.state.ak.us/ag

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1688 West Adams
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http://agriculture.state.az.us

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1 Natural Resources Drive
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www.plantboard.org

California Department of Food and Agriculture
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www.cdfa.ca.gov

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www.ag.state.co.us

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www.state.ct.us/doag

Delaware Department of Agriculture
2320 South DuPont Highway
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(302) 698-4500; Fax (302) 697-4463
www.state.de.us/deptagri/index.htm

Florida Department of Agriculture and Consumer Services
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(850) 488-3022; Fax (850) 922-4936
http://doacs.state.fl.us

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www.agr.state.ga.us

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www.agri.state.id.us

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www.agr.state.il.us

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Indianapolis, IN 46204
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www.accesskansas.org/kda

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www.michigan.gov/mda

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www.mda.state.mn.us

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www.mdac.state.ms.us

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http://agriculture.nh.gov

New Jersey Department of Agriculture
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www.state.nj.us/agriculture

New Mexico Department of Agriculture
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MSC 3189
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(505) 646-3007; Fax (505) 646-8120
www.nmda.nmsu.edu

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www.oda.state.ok.us

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www.state.ri.us/dem/programs/bnatres/agricult/index.htm

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www.state.sd.us/doa/doa.html

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www.ag.state.ut.us

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www.vermontagriculture.com

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www.vdacs.state.va.us

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www.state.wv.us/agriculture

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http://datcp.state.wi.us

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http://wyagric.state.wy.us

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www.agricultura.gobierno.pr

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danrrec.ucdavis.edu/desert/home_page.html

Hopland Research and Extension Center
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Hopland, CA 95449
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Intermountain Research and Extension Center
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danrrec.ucdavis.edu/intermountain/home_page.html

Kearney Research and Extension Center
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Exeter, CA 93221
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www.acwanet.com; E-mail:
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CALFED Bay-Delta Program
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www.calwater.ca.gov

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California Groundwater Association
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wellguy@groundh2o.org

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E-mail: rstack@cvpwater.org

Colorado River Board of California
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Field Offices

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Goleta, CA 93117
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Arvin Biological Control Facility
13720 Rockpile Road
Arvin, Ca 93203
(661) 854-6174; Fax (661) 854-6176

Pierce's Disease Control Program
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