

## Frequently Asked Questions About Ventura County Agriculture

### **Q. What's the county's most valuable crop?**

A. Strawberries. They brought growers \$618 million in gross revenues in 2015.

### **Q. What are the other top crops?**

A: In terms of gross revenues, the other top 10 crops are:

- Lemons: \$260 million
- Raspberries: \$228 million
- Nursery Stock: \$196 million
- Celery: \$195 million
- Avocados: \$189 million
- Peppers: \$54 million
- Tomatoes: \$50 million
- Cut flowers: \$49 million
- Kale: \$38 million

### **Q. What's the total value of crops grown in Ventura County?**

A. For 2015, the estimated gross value was \$2.2 billion.

### **Q. How does that compare to other counties?**

A. Ventura County ranked No. 10 among California counties in total crop value in 2014, according to the California Department of Food and Agriculture. The most recent national data put Ventura County at No. 11 among all counties in the United States.

### **Q. Which crop covers the most land?**

A. Avocados, which are grown on about 20,000 acres. Lemons are next, at about 15,000 acres, followed by celery, 12,000 acres, and strawberries, 11,000 acres. Together, those four crops account for more than half the total harvested acreage in the county.

### **Q. How many farms are there in Ventura County?**

A. According to the most recent Census of Agriculture, conducted every five years by the National Agricultural Statistics Service, Ventura County had 2,150 farms in 2012. The agency defines a farm as an operation that produces at least \$1,000 worth of products in a year.

### **Q. Is that more or fewer than in the past?**

A. Overall, fewer. There were 2,760 farms in the county in 1998. The number did increase between 2002 and 2007, but it dropped again between 2007 and 2012.

### **Q. Are Ventura County farms bigger or smaller than those elsewhere?**

A. Smaller. The average farm size in Ventura County is 131 acres. The statewide average is 328 acres, and the nationwide average is 434 acres. In Ventura County, the median farm size — meaning half of all farms are bigger, and half are smaller — is 12 acres. Seventy-eight percent of the county's farms are less than 50 acres in size.

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**Q: How much farmland is there in Ventura County?**

A: There are various ways of calculating that. According to the California Department of Conservation's Farmland Mapping Program, Ventura County in 2012 contained 118,800 acres of "important farmland" and 197,866 acres of grazing land, for a total of 316,666 acres of agricultural land. According to the Ventura County Agricultural Commissioner's Office, the county has 95,802 acres of irrigated land.

**Q: How does the area in agriculture compare to the county's total land area?**

A: The county's total land area is 1.2 million acres. Using the Department of Conservation data, 26 percent of the county is agricultural land. (About half the county's land area consists of Los Padres National Forest, Santa Monica Mountains National Recreation Area and other protected public lands.)

**Q. How does the area in farms compare to the area in cities?**

A. According to the state, Ventura County has 105,461 acres of urban and built-up land. So, for nearly every acre of shopping mall, city street and housing tract, there's approximately an acre of celery, strawberries, lemons, peppers, flowers and other crops.

**Q. Is farmland being lost to development?**

A. Yes. Even though voters have approved laws intended to protect farmland and open space from development, the county has lost nearly 9,000 acres of farmland to development since 1992.

**Q. How important is agriculture to the Ventura County economy?**

A. In addition to generating direct on-farm employment and revenue, agricultural production supports a wide range of other businesses, including packinghouses, equipment dealers, chemical applicators, pest-control firms, labor contractors, fertilizer and other supply dealers, trucking firms, fuel distributors, and repair and manufacturing facilities. Altogether, farming and farm-dependent businesses provide an estimated 43,000 jobs in Ventura County, more than any other sector of the economy except services. Agriculture and agriculture-related businesses account for about 4.4 percent of overall economic activity in Ventura County, generating \$2.2 billion in revenue and \$76 million in indirect business taxes annually. One in 10 county residents relies to some degree on income derived from farming.

**Q. How many field workers are employed on Ventura County farms?**

A. It's difficult to get a reliable count, but there are believed to be about 36,000 Ventura County farm workers. The number varies seasonally, peaking during the peak spring and summer harvest of strawberries, lemons and avocados.

**Q. Where are they from?**

A. If they are like the rest of California's farm worker population, an estimated 95 percent were born outside the United States, and 91 percent were born in Mexico.

**Q. What percentage are undocumented immigrants?**

A. Precise local figures are not available, but statewide surveys suggest at least 57 percent of California's field workers are in the country illegally.

**Q. Where do local growers get their water?**

A. It depends on where they are. Most growers in the county rely on groundwater, particularly on the Oxnard Plain. Others purchase it from agencies that deliver water imported from Northern California by the State Water Project, or from agencies that collect surface water in local

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reservoirs. Local groundwater and surface water are by far the most important sources for local farmers.

**Q. Are Ventura County growers switching to organic production?**

**A.** Some have. There are 137 registered organic growers in the county, and they account for 8,281 acres — about 9 percent of the farmland in cultivation.

**Q. Do growers use a lot of pesticides?**

**A.** It depends on how you define it. According to figures compiled by the California Department of Pesticide Regulation, 6.5 million pounds of insecticides, herbicides and fungicides were applied in Ventura County in 2014, the most recent year for which data are available. Ventura ranked 10<sup>th</sup> among California counties in total pesticide use, mirroring its ranking in total value of agricultural production.

**Q. What's the most commonly used pesticide?**

**A.** The most abundantly applied pesticide by weight in 2014 was chloropicrin, 2.3 million pounds. It's a soil fumigant used to prepare fields for planting strawberries, tomatoes, raspberries, peppers and other crops. Second was mineral and petroleum oil, 1.5 million pounds. Oil is mainly used in orchards to control scale, aphids and mites, and it is considered benign as pesticides go, a mildly toxic substance approved in certain formulations for use on organic crops. It works by coating and suffocating pests rather than by poisoning them.

**Q. Why do growers use fumigants?**

**A.** The chemicals are injected into the soil before planting to kill weeds, insects, nematodes and other pests. Research and practical experience have demonstrated dramatically reduced crop yields when fumigants are not used. Because farmland costs so much to buy, rent or lease in Ventura County, growers must maximize production and revenues in order to stay in business.

**Q. How does farm pesticide use compare to household use?**

**A.** Farmers are not alone in using chemicals to kill unwanted organisms. The U.S. Environmental Protection Agency estimates that home and garden use accounts for about 20 percent of American pesticide consumption. If that average holds in Ventura County, then local residents use nearly 2 million pounds of toxic chemicals in their homes and yards every year.

**Q. How many people do Ventura County growers feed?**

**A.** Although local farms and ranches produce more than 100 types of fruit, nut, vegetable and grain crops, the county's climate makes it particularly suited to such specialty crops as citrus, berries and fresh vegetables. Some of these are produced in astonishing abundance. Ventura County produces enough strawberries each year, for example, to satisfy the annual consumption of 78 million Americans. In an average year, it would take 87 million Americans to consume the county's lemon crop, 135 million to consume its celery production, and 45 million to eat all its avocados.

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