



The Land of Fruits and Nuts

Facts

The San Joaquin Valley

The most fertile land in the US

California's moderate, Mediterranean climate, coupled with the state's fertile soil and diverse land resources, allows year round production of many commodities. Some of those with year round crop seasons include lemons, artichokes, avocados, broccoli, cabbage, carrots, cauliflower, celery, lettuce, mushrooms, potatoes, spinach and squash.

California is home to more than 2,000 soils, located in the state's unique blend of valleys, foothills, mountains, coastal areas and deserts.

More Facts

California produces more than 400 crops. Of those, the following are commercially produced only in California:

almonds, artichokes, dates, figs, raisins, kiwifruit, olives, clingstone peaches, pistachios, dried plums, pomegranates, sweet rice, ladino clover seed, and walnuts.

California grows nearly half of the nation's fruits, vegetables and nuts.

Almonds



California leads nation, producing 99% Almonds in US
Produces \$4.347 billion annually
940.000 acres

Pistachios



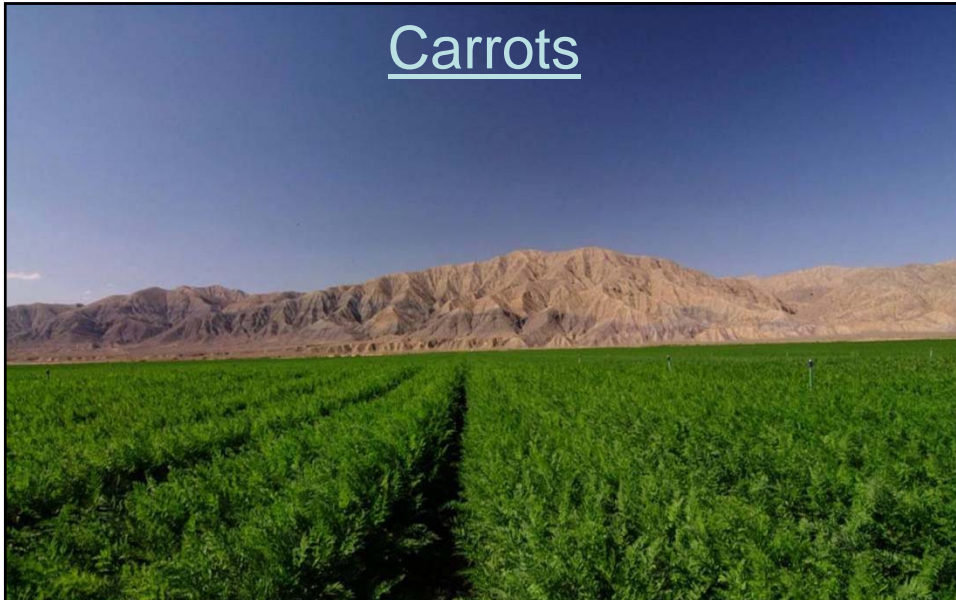
California leads nation producing 98,5 % in US
Produces \$ 1.3 Billion annually
250.000 Acres

Grapes – Wine and Table



California leads nation producing 99% of Grapes & Raisins in US
Produces \$ 4.449 Billion annually
878,000 acres

Carrots



California leads nation producing 81 % in US
Produces \$ 641 Million annually
62000 acres

Facts

- Milk \$6.9 billion
- Grapes \$4.449 billion
- Almonds \$4.347 billion
- Nursery plants \$3.543 billion
- Cattle, Calves \$3.299 billion
- Strawberries \$1.939 billion
- Lettuce \$1.448 billion
- Walnuts \$1.349 billion
- Hay \$1.237 billion
- Tomatoes \$1.170 billion

Other major crops



Dairying

- 1.8 million dairy cows
- 1500+ dairy farms
- \$ 7.6 billion cash receipts
- 21.3% of US milk supply
- 44 % of milk for cheese production
- Average size dairy farm 1200 cows
- Average milk per cow 23,178 pounds/yr

Custom Silage Harvesting

- 18 million tons forage harvested / yr
- 800,000 acres corn and small grains
- 40+ established custom harvesting operations
- 15 – 40 years business experience
- Longest distance from base 50 – 70 miles
- Tons harvested per year : 100,000 – 2,000,000



Lamb Chops Harvesting Equipment

- 10 Claas Jaguar choppers
- 40 trucks 10wheeler and semi
- 4 water trucks
- 4 dozers, John Deere, Challenger, Case STX
- 2 Versa baggers
- 12 MacDon swathers, rotary and drapers heads
- 2 low boys

Lamb Chops Harvesting Equipment

- 2 loaders with forks and header adapters
- Cat forklift
- 3 service trailers with compressors, fuel tanks and oil
- 2 oxbo mergers
- 16 fulltime employees
- 30+ seasonal employees

Lamb Chops Harvesting Equipment



Lamb Chops Harvesting Equipment



Lamb Chops Harvesting Equipment



Crops



More crops



California regulations



California first USA next !

Air Quality



- San Joaquin Air Pollution Control District
- Emission controls
- TIER IV compliance

Air Quality



Air Quality



Air Quality



Air Quality



Air Quality



- Air quality on trucks

Water Quality



- Sampling wells around perimeter

Water Quality



- Sampling wells around perimeter
- Field sampling as harvested

Water Quality



- Sampling wells around perimeter
- Field sampling as harvested
- Quantity of manure applied to fields

Water Quality



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- Field sampling as harvested
- Quantity of manure applied to fields
- No runoff around silage piles

Water Quality



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- Field sampling as harvested
- Quantity of manure applied to fields
- No runoff around silage piles
- Plastic lined liquid manure storages

Fuel Tanks



- CA storage regulations

Fuel Tanks



- CA storage regulations
- Federal storage regulations

Fuel Tanks



- CA storage regulations
- Federal storage regulations
- Waste oil

Air compressor



- State permit to operate a pressure vessel

Transport Regulations



- Misdemeanor for spilling load

Transport Regulations



- Standard overweight rules

Transport Regulations



- Extra wide load permits

Harvesting regulations

- Length of cut

Harvesting regulations

- Length of cut
- Filling the silage piles

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- Filling the silage piles
- Covering silage piles

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- Length of cut
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- Sign air quality compliance sheets

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- Sampling

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- Quality processing

4 Bad Days

