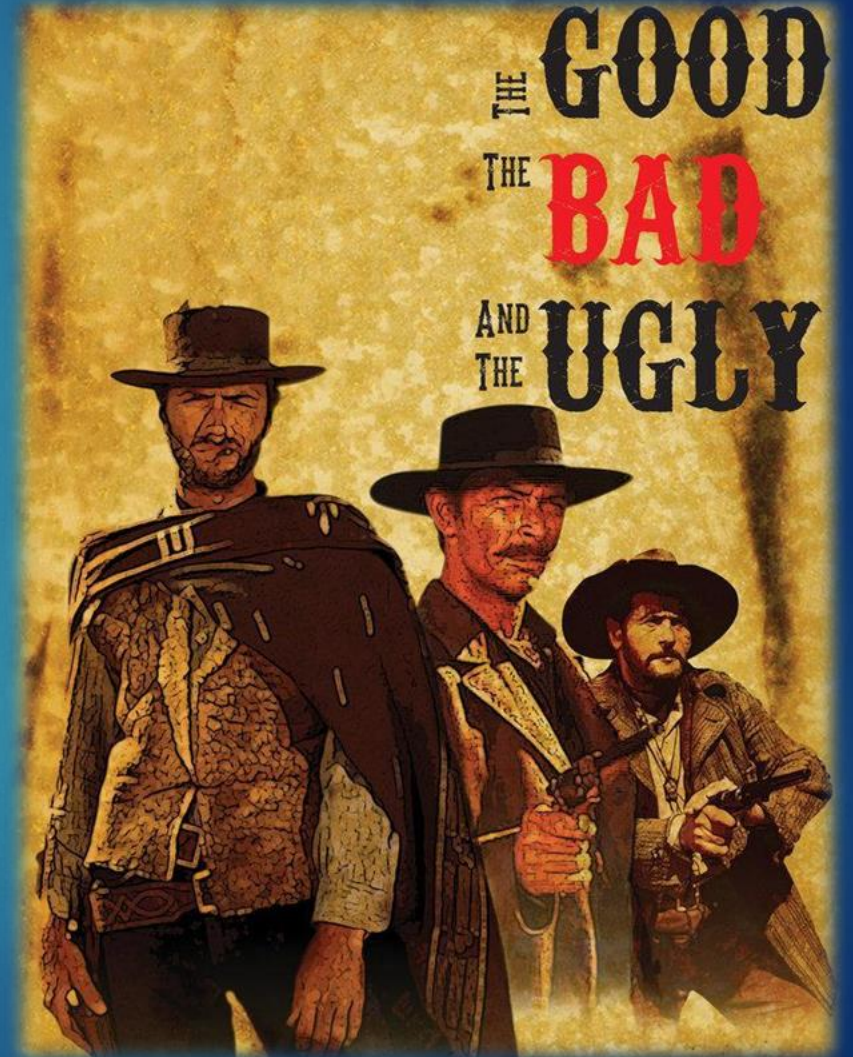


California Agriculture:

Christina Beckstead, Executive Director

Madera County Farm Bureau

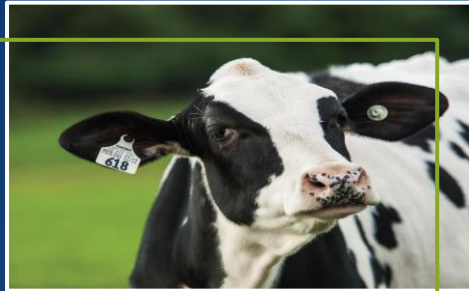
September 26, 2024





California is the leading agricultural state in the US

California Agriculture



Dairy Products-Milk



Grapes (all)



Cattle & Calves



Almonds



Lettuce

► Diverse Production

- California produces over 400 different commodities, more than any other state in the U.S.

► Top Five Crops by Value (2022 Data)

1. Milk – \$10.4 billion
2. Grapes (for wine and table) – \$5.54 billion
3. Cattle & Calves – \$3.63 billion
4. Almonds – \$3.52 billion
5. Lettuce – \$3.15 billion

San Joaquin Valley Agriculture

► Value of Agricultural Productivity

- Total Agricultural Output: \$35 billion+ annually including both crop and livestock production.

► Top Five Crops by Value (2022 Data)

1. Milk – \$8.97 billion
2. Almonds (for wine and table) – \$4.74 billion
3. Grapes (for wine, table & raisins) – \$4.33 billion
4. Cattle & Calves – \$2.39 billion
5. Pistachios – \$2.34 billion



Milk



Almonds



Grapes (all)



Cattle & Calves



Pistachios

Jobs

► On and Off-farm Jobs

- There are approximately 170,000 on-farm and 120,000 farm-related jobs in the San Joaquin Valley, including transportation, processing, and other support industries.

► Employment Impacts

- The direct employment losses from SGMA and anticipated surface water reductions will total 42,000 jobs annually, with total job losses (including indirect and induced) reaching up to 85,000 jobs.*

*Water Blueprint Economic Analysis, Sunding/Roland-Holst, 2020





California
agriculture faces
many challenges

Current Challenges California Agriculture Faces

- ▶ Water Supply & Quality
- ▶ Labor Costs & Shortages
- ▶ Regulatory Challenges
- ▶ Climate Change





Water has
become
California's No. 1
problem

California is facing a significant water scarcity we can't ignore.

- ▶ Surface water shortages
- ▶ Sustainable Groundwater Management Act
- ▶ Future regulatory actions
- ▶ Reduced Farmable Land
 - ▶ 500,000 to 1,000,000 acres
- ▶ Rural Economic Impacts
- ▶ Increased Dependence on Foreign-Produced Food



A Stable Economy Depends on Stable water Supply

- ▶ Regulatory, infrastructure and water project operations results in a shortfall of about 2.5 million acre-feet of water per year in the San Joaquin Valley.
- ▶ The economy of the San Joaquin Valley depends on the availability of Central Valley Project (CVP) and State Water Project (SWP) water supplies. These supplies support:
 - ▶ Agriculture, the majority of the Valley's economy



Negative Impacts of Inadequate Water Supplies

This annual shortage effects disadvantage communities, agriculture, environmental, resources, and urban centers.

- ▶ Inadequate surface water supplies result in:
 - ▶ Lost jobs - 21,000 in 2014**
 - ▶ Increased number of people requesting food assistance – more than 50,000*
 - ▶ Idled lands – up to 350,000 acres
 - ▶ Overdrafted groundwater basins
 - ▶ Loss of habitat for terrestrial, aquatic and avian species
 - ▶ Degraded air quality
 - ▶ Degraded groundwater quality



Water Blueprint



for the San Joaquin Valley

Mission and Purpose

- ▶ The Blueprint is a coalition of local leaders, water agencies, community-based organizations, farmers, commodity groups, and industry leaders
- ▶ Its Mission is to champion water resource policies and projects to maximize affordable, and reliable supplies for agriculture, communities, and ecosystems in the San Joaquin Valley.



FOCUS

- ▶ Science-based review of Delta Export Limitations
- ▶ Relax Through-Delta Transfer Impediments
- ▶ Support “Healthy Rivers and Landscapes” Concepts
- ▶ Maximize Local Projects to Optimize Uncaptured Water
- ▶ Support Repairs to Existing Infrastructure
- ▶ Champion New Infrastructure Projects





Develop a water supply plan that includes:

- ▶ Groundwater recharge investments
- ▶ Maximizing the protection of productive agriculture land
- ▶ Addressing the socio-economic impact to communities that depend on a vibrant agricultural economy

Board of Directors

CA Citrus Mutual

CA Fresh Fruit Association

Milk Producers Council

SLDMWA

Friant Water Authority

Fresno Irrigation District

SJRECWA

Delta View Water Association

Western Resource Strategies

Tri-County Water Authority

County of Fresno

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Water Wise

Self-Help Enterprises

Ewell Group

Madera County Farm Bureau

Patterson Irrigation District

Westlands Water District

Resource Economics

CA Farm Water Coalition



www.WaterBlueprintCA.com