



cdfa
The Office of
Agricultural Resilience
& SUSTAINABILITY

State Water Efficiency & Enhancement Program (SWEEP)

California grows 1/3 of US veggies and 3/4 of fruits and nuts. With the impacts of climate change, the state faces a hotter and likely drier future. SWEEP helps producers reduce their on-farm irrigation water use and save energy, conserving the state's precious water resources and decreasing greenhouse gas emissions, building resilience on their farms.

Our team empowers farmers of all sizes and commodities with irrigation system improvements, from small, diversified farms to large-scale operations. Through the State Water Efficiency and Enhancement Program, we help producers adopt efficient irrigation technologies, implement scheduling tools, upgrade pumps, and integrate renewable energy solutions.

Beyond immediate water savings, SWEEP drives long-term resilience in California agriculture. By fostering innovation and promoting regionally tailored, sustainable practices, we help farmers adapt to the challenges of a changing climate and unpredictable water availability—ensuring a stronger, more sustainable future for our state's agricultural sector.

Investing in farmers today means securing California's agricultural future.

Since 2014, CDFA has:

held

11

grant solicitations

awarding

**1,350
PROJECTS**

more than

\$161 MILLION

These incentives have resulted in

1M

MTCO₂ reduction over the expected lifespan of the projects



**1.5 MILLION
ACRE/FEET**

Water savings over the expected lifespan of the project

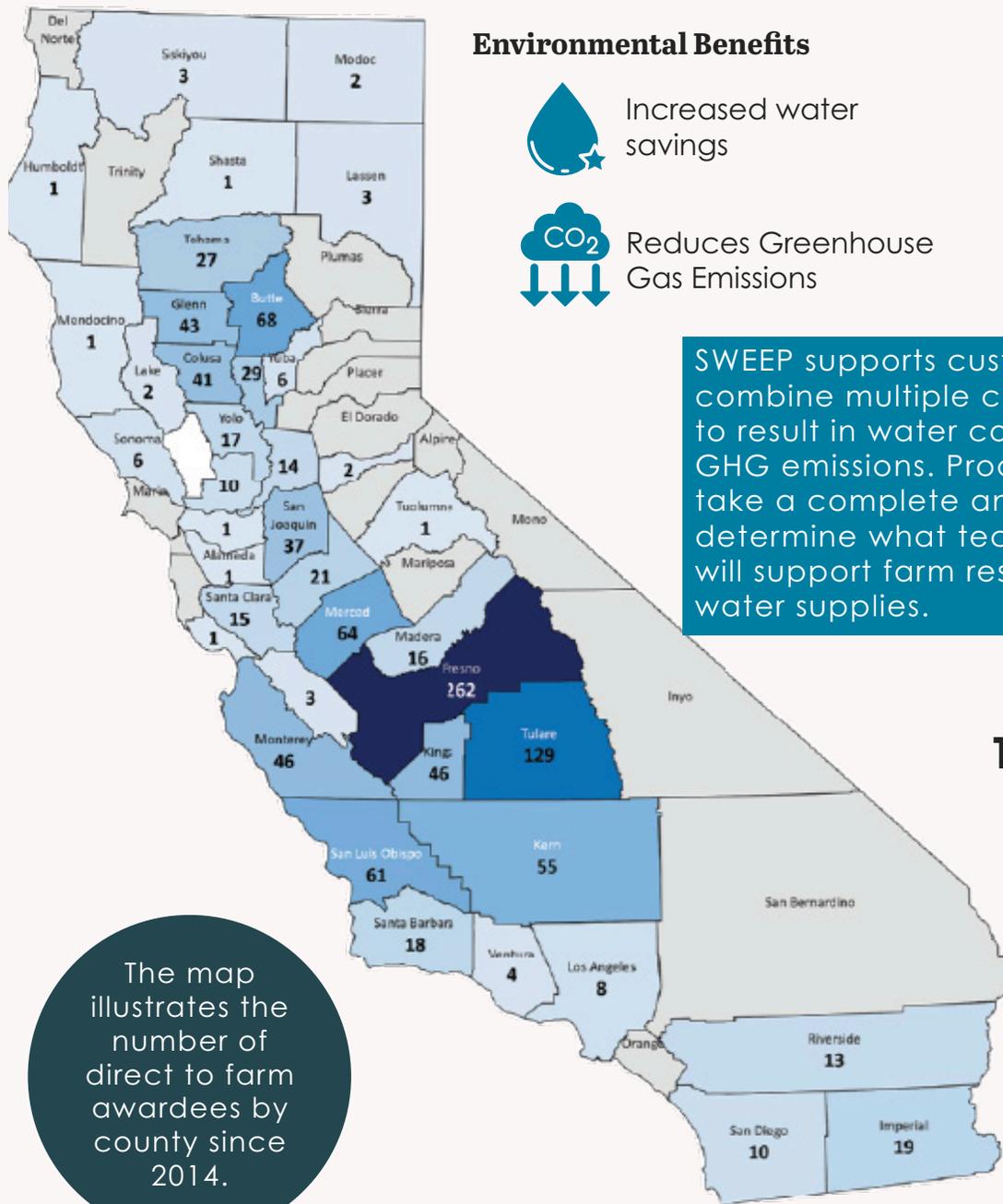
MORE INFO

www.cdfa.ca.gov/OARS

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Environmental Benefits



Increased water savings



Improved energy efficiency



Reduces Greenhouse Gas Emissions



Boost Farm Efficiency

SWEEP supports custom irrigation projects that combine multiple components and practices to result in water conservation and reduced GHG emissions. Producers are encouraged to take a complete and holistic view to determine what technologies and practices will support farm resilience to fluctuating water supplies.

Types of Practices:

- Drip Irrigation
- Solid Set Sprinkler Irrigation
- Pump Retrofits/Replacement
- Irrigation Water Management Tools for Scheduling
- Renewable Energy

The map illustrates the number of direct to farm awardees by county since 2014.

Funding Distribution Process / Equity

CDFA has awarded grants through both competitive and first-come-first-served processes. In 2023, CDFA transitioned to block grant awards. Block Grantees have regional and/or commodity-specific expertise and partnerships that allow them to prioritize funding according to community needs and provide tailored technical assistance. CDFA requires awardees to set goals for providing funding and assistance to socially disadvantaged farmers and ranchers.

MORE INFO

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