

Alternative Manure Management Program (AMMP)

Dairy and livestock operations are important sources of nutritious food. California is the #1 milk producer in the U.S. while pursuing ambitious goals to reduce methane emissions to 40% below 2013 levels by 2030. AMMP helps producers adopt the latest effective manure management technologies to lower methane emissions, recycle waste, and help protect air and water quality.

CDFA's AMMP funds eco-friendly ways to manage manure on California's dairy and livestock farms. It supports the implementation of or conversion to practices that cut greenhouse gas emissions by handling and storing more manure in a drier form, where it will not produce as much methane as it breaks down.

Alternatives to Digesters Serve Small and Large Operations

Digesters, which capture methane and convert it to renewable energy, may not be suitable for all dairy farms. Instead, non-digester manure management practices offer alternative methods to reduce methane emissions. These approaches involve techniques such as:

- solid-liquid separation
- dry scraping or vacuuming to collect manure
- open solar drying or composting of separated or scraped manure solids
- alternative manure treatment and storage, including housing cows in compost bedded pack barns
- pasture-based management.



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Since 2017, CDFA has:

held
7
grant solicitations

awarded
200
PROJECTS

and distributed more than

\$127 MILLION

These incentives have resulted in

1.65
MILLION

estimated metric tons
of CO₂ equivalent
(MTCO₂e) reduced
over 5 years

an amount proportional to
removing more than

386K CARS

from the road for one year.

MORE INFO

www.cdfa.ca.gov/OARS

AMMP Projects Throughout the State



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Environmental Benefits



Enhances Nutrient Recycling



Improves Air Quality



Reduces Greenhouse Gas Emissions



Protects Water Quality



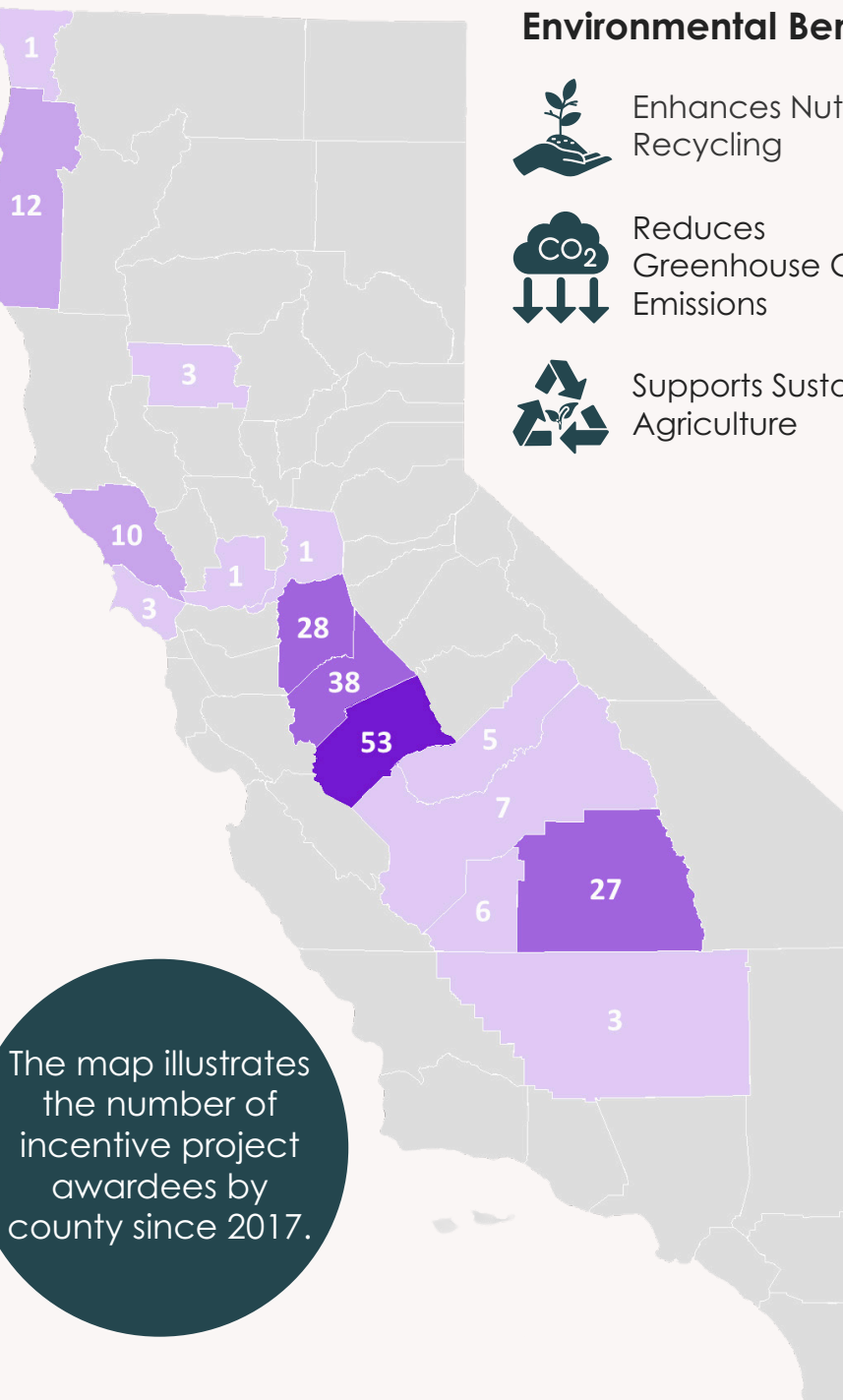
Supports Sustainable Agriculture



Creates Value-Added Products like Compost



Boosts Farm Efficiency



The map illustrates the number of incentive project awardees by county since 2017.

Practices supported by the AMMP can be implemented by a wide variety of dairy and livestock operations, which can approach housing and manure management in very different ways depending on their size and geographic region.

Farms that have benefited from an AMMP grant span 15 counties throughout California from Del Norte and Humboldt to Tulare and Kern, and projects can impact anywhere from 100 to over 7,000 cows on different facilities.

Funding Distribution Process / Equity

CDFA awards AMMP grants through a competitive solicitation open to all dairy and livestock producers and offers free technical assistance to applicants. CDFA strives to maximize greenhouse gas reductions while providing grants to dairies that represent a diversity of sizes and production strategies.

MORE INFO

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