

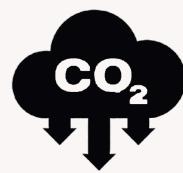
Dairy Plus Program

CDFA's Dairy Plus Program awards competitive grants to California dairy farms for the implementation of advanced manure management practices that reduce both methane emissions, nitrogen, and salt surplus. Dairy Plus Program will provide incentives for dairy producers to adopt advanced manure management practices, reduce greenhouse gas (GHG) and improve nutrient benefits associated with implemented practices.

In 2022, the California Dairy Research Foundation (CDRF), alongside the CDFA and other partners, secured a remarkable \$85 million from the USDA Partnerships for Climate-Smart Commodities initiative. This substantial funding, set to be disbursed over 5 years, is dedicated to implement advanced manure management techniques, providing outreach and support for farmers, curbing GHG emissions, addressing nitrogen and salt surplus, and fostering markets for climate-smart commodities. As of 2023,

\$75 million has been earmarked directly to producers through the Dairy Plus Program. The Dairy Plus Program supports enhancements to AMMP and DDRDP projects with practices such as filtration of manure wastewater using worms (vermifiltration), coagulation of fine manure solids out of liquid (advanced solid-liquid separation assisted by flocculants and/or beads), and mechanical and non-mechanical advanced separation of manure solids from water through centrifuge and weeping walls.

DAIRY PLUS BY THE NUMBERS



1.5 million metric tons of CO₂ equivalent (MTCO₂e) together with AMMP and DDRDP will be reduced over the projects lifespans...

... an amount equivalent to removing...



353,000 cars from the road for one year

"We are excited for the projects to get started and to know that California dairy farms will soon be making even greater progress in environmental sustainability — reducing GHG emissions and also improving nitrogen management," said Denise Mullinax, executive director of CDRF.

Dairy Plus Program



Practices Available Throughout the State

For new, in progress, or previous AMMP projects:

- Vermifiltration
- Manure solid separation via weeping wall
- Advanced solid-liquid separation with flocculants and/or bead filters
- Advanced solid-liquid separation by centrifuge
- Practices above + Subsurface drip irrigation (SDI)
- Practices above + Aerated composting

For new, in progress, or previous DDRDP projects:

- Post-digester vermicomposting
- Post-digester advanced solid-liquid separation by flocculants and/or bead filters
- Advanced solid-liquid separation by centrifuge
- Practices above + SDI using digestate

Environmental Benefits



Reduces
Greenhouse Gas
Emissions



Boosts Farm
Efficiency



Protects Water
Quality



Enhances
Nutrient
Recycling



Improve Air Quality

The map
illustrates 37
awardees by
county since
2023

MORE INFO

www.cdfa.ca.gov/OARS