

# Farmer & Rancher Climate Leaders

## Alternative Manure Management Program Participants

*The Alternative Manure Management Program (AMMP), administered by the California Department of Food & Agriculture (CDFA), provides grants to dairy and other livestock producers to support their transition to manure handling and storage strategies that reduce methane emissions, including less water-intensive strategies and increasing pasture-based dairying. More info is available on CDFA's website: <https://www.cdfa.ca.gov/oefi/AMMP/>*

### MCCLELLAND'S DAIRY

**Petaluma, Sonoma County**  
**Award Amount: \$749,961**



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"We all have a part to play. Some people drive a hybrid car. Some people recycle. Farmers can play a huge part by managing our operations to the benefit of the environment and climate."

- Jana McClelland

McClelland Dairy is a third-generation family farm business dating back the 1830s that transitioned their 1,100-head dairy to organic in 2003. With AMMP funding, they will implement changes to their operation to significantly reduce methane emissions. Instead of flushing manure from the barn, they will cut water use and convert to a dry, scraping system. They will also separate liquids and solids and turn the animal waste into valuable compost.

Building a covered composting site will enable them to produce compost year-round through the rainy season. Spreading compost will improve pasture and animal health and increase the quality of their organic pasture-based milk. Without the AMMP grant, the McClelland family could not have afforded to invest in these improvements in spite of the many ecological and economic benefits they will bring to the operation.

The California Climate & Agriculture Network (CalCAN) is a statewide coalition that advances state and federal policy to realize the powerful climate solutions offered by sustainable and organic agriculture.



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## Healthy Soils Program Participants

*The Healthy Soils Program, administered by the California Department of Food & Agriculture (CDFA), provides grants to farmers and ranchers who adopt management practices that reduce greenhouse gas emissions and increase carbon sequestration in soil and plants.*

*More info is available on CDFA's website: <https://www.cdfa.ca.gov/oefi/healthysoils/>*

### MCCLELLAND'S DAIRY

Petaluma, Sonoma County  
Award Amount: \$40,545

“Healthier soils sequester carbon from the atmosphere while also growing healthier grass. Our cows are healthy and happy, helping us produce high quality milk.”

- Jana McClelland,  
third-generation co-owner



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Organic Valley, and Annie's, a buyer of their organic milk. The family secured a Healthy Soils grant to springboard the implementation of the carbon farm plan and continue their riparian monitoring work. The grant funds creek restoration plantings and compost application on pastures. Jana attributes the success of their application to collaboration with her community and business partners.

McClelland's Dairy became a third-generation family farm business when Jana McClelland officially partnered with her parents George and Dora in 2005. Jana began thinking about the farm's ecological sustainability in high school when she did a Future Farmers of America project to monitor the health of a creek that runs through the property. In recent years, Jana developed a carbon farm plan with support from the Sonoma Resource Conservation District, the dairy farmer cooperative

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