

# Where to get AMMP Resources

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California Dairy Research Foundation



**UNIVERSITY OF CALIFORNIA**  
Agriculture and Natural Resources



**UC DAVIS**

# Overview



Funding available!



AMMP practices information



Help to prepare applications



Applications due May 9, 2022

# Manure Collection and/or separation



Pasture-based management



Alternative treatment/storage



Solid separation ...



Conversion of flush to scrape...

# New this year in solid separation



Advanced separation assisted by flocculation and/or bead filters



Vermifiltration



## CDFA AMMP website



<https://www.cdfa.ca.gov/oefi/AMMP/>

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

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THE OFFICE OF ENVIRONMENTAL FARMING & INNOVATION



**alternative manure**  
management program



Applications due May 9, 2022

# Applications due May 9, 2022

The screenshot shows the CDFA website with a green banner at the top stating "Applications due May 9, 2022". The website header includes the CDFA logo and navigation links for Programs, Services, Meetings, Laws/Regs, Statistics, Publications, and Search. The main content area features a large image of a field with the text "THE OFFICE OF ENVIRONMENTAL FARMING & INNOVATION" and "alternative manure management practices". Below this, the page title is "Alternative Manure Management Program (AMMP)". The main text states: "CDFA's Alternative Manure Management Program (AMMP) provides financial assistance for the implementation of non-digester manure management practices in California, which will result in reduced greenhouse gas emissions." A highlighted box contains the text: "The AMMP is now accepting grant applications until 5:00 P.M. PT on May 9, 2022. The application documents are listed below." Below this text is a link for the "2022 AMMP Application Submission Portal". A list of links includes: "Request for Grant Applications", "Supporting Templates and Attachments" (with sub-links for Attachment 1: Project Narrative Template, Attachment 2: Work Plan Template, Attachment 3: Budget Worksheet Template, and Attachment 5: AMMP Benefits Calculator Tool), and "Preview of Application Questions". On the right side, there are three sidebar widgets: "Program Status" showing "OPEN" and "Program is accepting applications at this time.", "Email Subscriptions" with a "Sign up for email notifications" link, and "Follow Us" with a link to "@CDFAClimateNews on Twitter" and a "Tweets" section showing a tweet from "Calif Food and Ag @CDFANews".

CDFA Home | OEFI | Alternative Manure Management Program

## Alternative Manure Management Program (AMMP)

CDFA's Alternative Manure Management Program (AMMP) provides financial assistance for the implementation of non-digester manure management practices in California, which will result in reduced greenhouse gas emissions.

The AMMP is now accepting grant applications until 5:00 P.M. PT on May 9, 2022. The application documents are listed below.

[2022 AMMP Application Submission Portal](#)

- Request for Grant Applications
- Supporting Templates and Attachments
  - Attachment 1: Project Narrative Template
  - Attachment 2: Work Plan Template
  - Attachment 3: Budget Worksheet Template
  - Attachment 5: AMMP Benefits Calculator Tool
- Preview of Application Questions

**Program Status**  
**OPEN**  
Program is accepting applications at this time.

**Email Subscriptions**  
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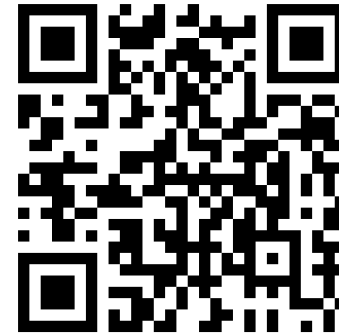
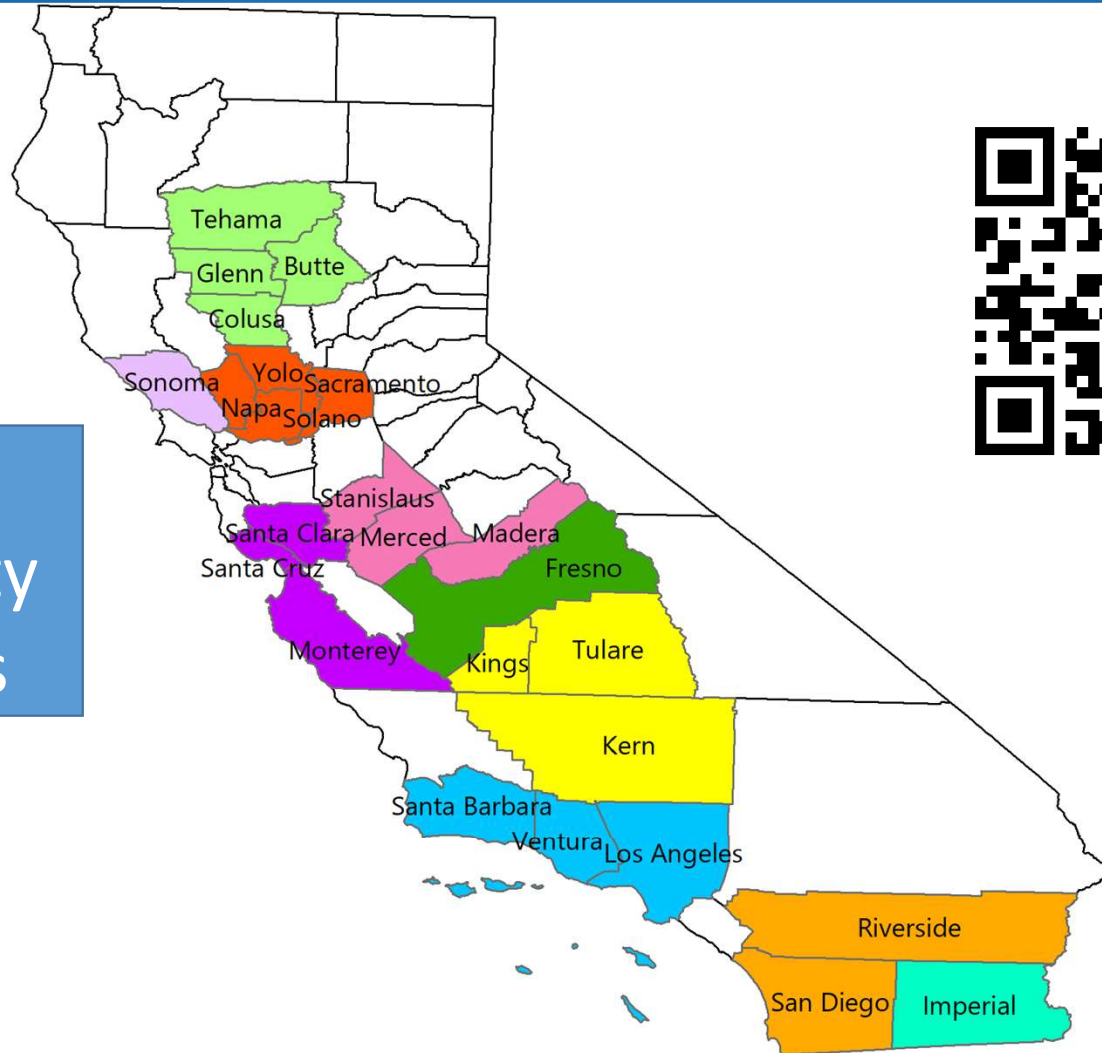


CDFA Informational Workshop  
March 25 10 to 11:15



Technical Assistance Resources

# UCCE Community Educators



# Gratitude and Appreciation



# Recorded webinars





# Producer experience videos



Dustin Wagner and Jarred Mello from Wagner Dairy in Escalon, and David DeGroot, a Civil Engineer who designed one of the first compost bedded pack barns in California, share their experiences with CDFA, the AMMP process and the results of their new manure management practice.



# AMMP information

## Compost Bedded Pack Barn

**What is it?** A compost bedded pack barn is an open sided, loose housing system. The primary area for standing and lying is the compost bedded pack. This material contains a carbon source (straw, shavings, sawdust, etc.) and feces and urine. The feeding area may be concrete or bedded pack depending on facility design.

**How much does it cost?** Total Alternative Manure Management Program funding for 25 projects and estimated operation and maintenance (O & M) costs are summarized:

Total project cost*	\$300,267—1,788,446
Total AMMP funding	\$201,240—750,000
Estimated annual O&M cost	\$1,000—60,000

\*Cost of whole project may include solid separation equipment, concrete, composting equipment, etc. and varies by size of barn.



Funding provided by California Department of Food and Agriculture Contract Nos. 17-0759-608-00 and 19-0809-608-00. One of these images is not meant to be an endorsement of the products pictured.

## Solids Separation

With Windrow Drying or Composting

**What is it?** Solids separation with windrow drying or composting involves removing fibrous solids from the flushed manure using screen, screw press, or sweeping wall technology followed by stacking the manure in windrows to dry or compost.

**How much does it cost?** Total project cost and Alternative Manure Management Program funding for 27 individual projects and operation and maintenance (O & M) costs for 11 projects are summarized:

Total project cost*	\$169,267—1,128,124
Total AMMP Funding	\$159,267—750,000
Estimated annual O&M cost	\$1,000—6,000

\*Whole project costs may include an electrical panel, concrete, processing pit, additional plumbing, etc.



Funding provided by California Department of Food and Agriculture Contract Nos. 17-0759-608-00 and 19-0809-608-00. One of these images is not meant to be an endorsement of the products pictured.

## Solids Separation

With Open Solar Drying

**What is it?** Solids Separation with open solar drying involves removing solids from flushed manure using screen, screw press, or sweeping wall technology followed by spreading the collected solids to dry in the sun.

**How much does it cost?** Total Alternative Manure Management Program funding for 25 individual projects and operation and maintenance (O & M) costs for 5 projects (2017-2018) are summarized:

Total Project Cost*	\$66,000—884,112
Total Funding	\$96,000—\$750,000
Estimated annual O&M cost	\$4,800—\$16,430

\*Whole project costs may include an electrical panel, concrete, processing pit, additional plumbing, etc.



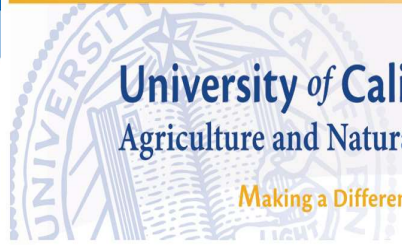
Funding provided by California Department of Food and Agriculture Contract Nos. 17-0759-608-00 and 19-0809-608-00. One of these images is not meant to be an endorsement of the products pictured.



Every point counts: Attention to detail is important on AMMP applications

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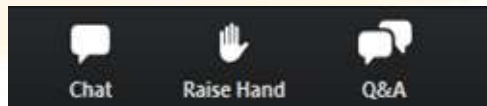
Making a Difference for California



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Golden State Dairy Management Conference March 25, 2021 Webinars

Card by [Amy Krouse Rosenthal](#) (Author), [Tom Lichtenheld](#) (Illustrator)







<https://cdqap.org/ammp-outreach-project/>