

California Department of Food and Agriculture
2023 Livestock Enteric Methane Emission Reduction - Research Program (LEMER-RP)
Project Selected for Award Funds

Updated on December 2023

| Selected Application Count | Impact Areas | Project Title | Lead Organization Name(s) | Principal and Co-Investigator(s) | Requested Funding (US\$) | Matching Funds (Cash & In-Kind - US\$) |
|--|--------------|---|--|---|--------------------------|--|
| 1 | 1 | An evaluation of long-term feeding 3-NOP to reduce methane in California dairy cows | University of California, Davis | Frank Mitloehner | \$ 2,499,233.00 | \$ - |
| 2 | 2 & 4 | Dual not Duel: Evaluating the Impact of Methanogenic Inhibitors Co-fed with Alternative Feed Additives on Lactating Dairy Cows and Dairy Cow Manure under California Dairy Management Practices | University of California, Davis | Noelia Silva del Rio | \$ 1,499,869.00 | \$ - |
| 3 | 2 & 4 | Interactions between dietary fatty acids, <i>Asparagopsis taxiformis</i> , and bromoform on enteric and manure methane emissions and energetic conversion in lactating dairy cows | Cornell University | Joseph W. McFadden, Mike Van Amburgh, Thomas Overton, Kristan Reed, Lauren Ray, Jason Oliver, Christopher Mason, David Vagnoni, Matt Budine & Michael DeGroot | \$ 1,500,000.00 | \$ 1,768,616.00 |
| 4 | 3 | A bromoform safety study for California dairy and beef cattle | Colorado State University | Terry Engle & Sara Place | \$ 1,250,000.00 | \$ 354,800.00 |
| 5 | 3 | Effects of early life strategies to reduce lifetime enteric methane emissions in California cow-calf operations | University of California, Davis | Frank Mitloehner | \$ 1,249,917.00 | \$ - |
| 6 | 3 | Researching <i>Asparagopsis</i> supplementation for radical methane emission reduction in cow-calf operations in California | University of California Cooperative Extension | Sheila Barry, Gabriele U. Maier, Larry Forero & Josh Davy | \$ 1,217,769.00 | \$ 17,800.00 |
| Final Funding Recommendation - \$9.22 million, 6 projects | | | | | \$ 9,216,788.00 | \$ 2,141,216.00 |