

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
 2019 AMMP Demonstration Projects - New Technologies and Practices
 Applications Submitted to CDFA
 April 19, 2019

* The 2019 AMMP Demonstration Projects - New Technologies and Practices application information was extracted from the online application system as submitted, therefore, CDFA cannot guarantee accuracy of the information.
 ** Total emission reduction is estimated by the applicant and has not been verified.

	APPLICANT ORGANIZATION	DESCRIPTION	REQUESTED GRANT FUNDS	MATCHING FUNDS	COUNTY	TOTAL EMISSION REDUCTION OVER 5 YEARS (MTCO ₂ e)
1	BioKix LLC	This grant is requested to determine if bioaugmentation will reduce methane as a viable alternative to capital and labor intensive investments that both large and small dairies could easily implement.	\$43,975	\$0	Humboldt	0
2	The Regents of the University of California	The project objectives are to technically and economically demonstrate the integration of a centrifuge with screen separator, year-round production of pelletized compost; and conduct outreach activities to demonstrate the project to dairies and crop farmers.	\$999,994	\$377,654	Merced	29,316
3	BioFiltro USA, Inc.	The project proposes to install a BIDA vermifiltration system. The system will remove organic matter, nitrogen, odors, and pathogens from high strength wastewater and generation of valuable vermicompost.	\$750,459	\$91,011	Fresno	5,742
4	UC Davis	The goal of the project is to develop and demonstrate an integrated microwave infrared solid separator system (IMISS) capable of reducing greenhouse gases emissions and eliminating pathogenic bacteria in manure. The byproduct produced will be bacteria free that will be useful for bedding as well as fertilizers.	\$916,146	\$42,922	San Joaquin	4,918
			<u>\$2,710,574</u>	<u>\$511,587</u>		