Year	Organization	% Funds Disbursed*	Grant Amount	Cost Share	Primary Practice (Some recipients implement more than one practice)	Manure Treatment and/or Storage Method	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 5 yr (MTCO2e)**	County	Start Date	Completion Date
2017	Alamo Dairy	100%	\$735,634	\$49,638	Compost Bedded Pack Barn	Composting	3,116	15,580	Stanislaus	2/1/2018	2/4/2020
2017	Alamo Farms	100%	\$748,920	\$7,000	Flush-to-Scrape	Composting	4,401	22,005	Stanislaus	2/1/2018	11/16/2018
2017	Alexandre Dairy	100%	\$749,746	\$1,038,700	Compost Bedded Pack Barn	Composting	1,914	9,570	Del Norte	2/1/2018	11/25/2019
2017	Cal-Denier Dairy	100%	\$711,627	\$0	Compost Bedded Pack Barn	Composting	423	2,113	Sacramento	2/1/2018	3/30/2020
2017	Correia Family Dairy Farms	100%	\$352,813	\$0	Solid Separation	Composting	4,199	20,995	Merced	2/1/2018	6/18/2019
2017	DaSilva Dairy Farms #1	100%	\$375,000	\$3,113	Solid Separation	Composting	7,503	37,515	San Joaquin	2/1/2018	10/2/2018
2017	De Snayer Dairy	100%	\$536,448	\$0	Solid Separation	Open Solar Drying	7,299	36,495	San Joaquin	2/1/2018	6/30/2020
2017	Double D Dairy #2	100%	\$397,650	\$72,343	Solid Separation	Composting	2,216	11,080	Stanislaus	2/1/2018	3/17/2020
2017	Lafranchi Ranch	100%	\$744,000	\$9,272	Flush-to-Scrape	Composting	1,155	5,774	Marin	2/1/2018	10/31/2019
2017	Magneson Dairy	100%	\$559,703	\$21,327	Compost Bedded Pack Barn	Composting	1,538	7,690	Merced	2/1/2018	6/26/2019
2017	Manuel Da Silva	100%	\$575,000	\$0	Solid Separation	Composting	3,321	16,605	San Joaquin	2/1/2018	10/30/2019
2017	Martins Farm	100%	\$256,353	\$0	Flush-to-Scrape	Composting	4,561	22,805	Stanislaus	2/1/2018	10/9/2018
2017	Matos Dairy	100%	\$563,859	\$525	Solid Separation	Composting	8,528	42,640	Merced	2/1/2018	5/30/2019
2017	Milk River Dairy	100%	\$339,881	\$0	Flush-to-Scrape	Solid Storage	3,202	16,010	Tulare	2/1/2018	5/20/2019
2017	Regli Jerseys	100%	\$523,756	\$191,155	Compost Bedded Pack Barn	Composting	92	460	Humboldt	2/1/2018	3/20/2019
2017	Rivercrest Cattle Company	100%	\$201,240	\$99,057	Compost Bedded Pack Barn	Composting	1,052	5,260	Stanislaus	2/1/2018	12/23/2019
2017	Robert Gioletti & Sons Dairy	100%	\$750,000	\$0	Flush-to-Scrape	Composting	4,126	20,630	Stanislaus	2/1/2018	9/24/2018
2017	Sierra View Dairy	100%	\$750,000	\$828,778	Compost Bedded Pack Barn	Composting	7,010	35,050	Tulare	2/1/2018	3/30/2020
2018	AJ Borba Dairy	100%	\$570,113	\$0	Solid Separation	Open Solar Drying	2,112	10,561	Merced	9/1/2018	7/25/2019
2018	Andrew Zylstra Dairy #1	100%	\$270,497	\$0	Solid Separation	Solid Storage	1,231	6,156	Stanislaus	9/1/2018	5/30/2019
2018	Antonio Brasil Dairy	100%	\$641,196	\$257	Compost Bedded Pack Barn	Composting	783	3,917	Merced	9/1/2018	4/25/2019

<sup>\*</sup>Based on % of requested grant funds invoiced
\*\*Based on expected life of project

Year	Organization	% Funds Disbursed*	Grant Amount	Cost Share	Primary Practice (Some recipients implement more than one practice)	Manure Treatment and/or Storage Method	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 5 yr (MTCO2e)**	County	Start Date	Completion Date
2018	Art Silva Dairy	100%	\$405,521	\$159,249	Solid Separation	Composting	559	2,797	Stanislaus	9/1/2018	12/13/2019
2018	Arthur Oliveira Dairy	100%	\$544,649	\$0	Solid Separation	Open Solar Drying	821	4,104	Merced	9/1/2018	2/25/2021
2018	Bordessa Family Dairies	<del>0%</del>	<del>\$553,363</del>	<del>\$0</del>	Compost Bedded Pack Barn	Composting	Project canceled	<sup>a</sup> at the request of the recip	ient (No money	was expended)	
2018	Bosma Milk Company	<del>0%</del>	<del>\$704,618</del>	<del>\$0</del>	Flush to Scrape	Open Solar Drying	Project canceled	<sup>a</sup> at the request of the recip	ient (No money	was expended)	
2018	Brodt Dairy	100%	\$750,000	\$0	Compost Bedded Pack Barn	Composting	1,240	6,200	Humboldt	9/1/2018	4/10/2020
2018	BWC Weststeyn Dairy	100%	\$749,925	\$35,647	Compost Bedded Pack Barn	Composting	914	4,568	San Joaquin	9/1/2018	5/22/2020
2018	Den-K Holsteins	100%	\$98,000	\$2,500	Solid Separation	Open Solar Drying	1,103	5,514	Merced	9/1/2018	5/22/2020
2018	Dewit Dairy	100%	\$673,115	\$83,271	Flush-to-Scrape	Open Solar Drying	2,301	11,506	San Joaquin	9/1/2018	3/27/2019
2018	Diamond J Dairy	100%	\$518,237	\$106,593	Solid Separation	Open Solar Drying	1,329	6,644	Merced	9/1/2018	2/11/2020
2018	Dias Family Dairy	100%	\$445,997	\$4,396	Solid Separation	Composting	476	2,380	Merced	9/1/2018	3/4/2020
2018	Double B Dairy	100%	\$635,224	\$33,310	Solid Separation	Open Solar Drying	1,237	6,186	Merced	9/1/2018	4/15/2020
2018	E & M Deniz Dairy	100%	\$615,549	\$32,000	Solid Separation	Composting	148	739	Sonoma	9/1/2018	6/16/2020
2018	F & S Brasil Dairy	100%	\$213,969	\$13,001	Solid Separation	Open Solar Drying	1,711	8,557	San Joaquin	9/1/2018	4/26/2019
2018	Frank Coelho & Sons Dairy	100%	\$584,912	\$159,822	Solid Separation	Open Solar Drying	2,430	12,149	Merced	9/1/2018	8/29/2019
2018	GM Silva Dairy #1	100%	\$400,000	\$40,766	Solid Separation	Composting	785	3,926	Merced	9/1/2018	1/15/2020
2018	GM Silva Dairy #2	100%	\$666,959	\$64,272	Solid Separation	Composting	797	3,987	Merced	9/1/2018	1/15/2020
2018	Godinho Dairy	100%	\$736,333	\$0	Compost Bedded Pack Barn	Composting	547	2,733	Merced	9/1/2018	11/7/2019
2018	Henry A Garcia Dairy	100%	\$545,901	\$0	Flush-to-Scrape	Composting	5,144	25,720	Tulare	9/1/2018	2/4/2020
2018	J Troost Dairy	100%	\$723,399	\$0	Flush-to-Scrape	Composting	11,118	55,590	Madera	9/1/2018	7/1/2020
2018	Joe Meirinho & Sons Dairy	100%	\$244,384	\$19,462	Solid Separation	Open Solar Drying	980	4,898	Stanislaus	9/1/2018	5/31/2019
2018	John S Machado Dairy	100%	\$462,937	\$19,575	Solid Separation	Open Solar Drying	878	4,390	Merced	9/1/2018	10/31/2019

<sup>\*</sup>Based on % of requested grant funds invoiced
\*\*Based on expected life of project

<sup>&</sup>lt;sup>a</sup>Canceled - grant agreement was canceled

Year	Organization	% Funds Disbursed*	Grant Amount	Cost Share	Primary Practice (Some recipients implement more than one practice)	Manure Treatment and/or Storage Method	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 5 yr (MTCO2e)**	County	Start Date	Completion Date
2018	Jose V Silveira Dairy	100%	\$550,618	\$21,483	Solid Separation	Open Solar Drying	1,096	5,482	Merced	9/1/2018	10/14/2020
2018	Joseph Borba Dairy	100%	\$748,678	\$29,904	Solid Separation	Composting	1,157	5,787	Merced	9/1/2018	12/30/2020
2018	Manuel Oliveira Dairy	100%	\$646,305	\$940	Solid Separation	Open Solar Drying	1,159	5,793	Merced	9/1/2018	12/5/2019
2018	McClelland Dairy	<del>0%</del>	<del>\$749,961</del>	<del>\$0</del>	Flush to Scrape	Composting	Grant agreement o	leadline to complete project	expired <sup>b</sup> (No m	oney was exper	nded)
2018	Ray Lin Dairy	<del>0%</del>	<del>\$750,000</del>	<del>\$19,575</del>	Compost Bedded Pack Barn	Composting	Project canceled	at the request of the recip	ient (No money	was expended)	
2018	SBS AG	100%	\$385,404	\$38,442	Solid Separation	Open Solar Drying	1,577	7,887	Tulare	9/1/2018	8/29/2019
2018	Silva Dairy Farms	100%	\$694,507	\$0	Solid Separation	Composting	1,166	5,830	Merced	9/1/2018	9/24/2019
2018	Silveira Dairy	100%	\$447,420	\$0	Solid Separation	Composting	1,558	7,788	Madera	9/1/2018	5/3/2019
2018	T & C Louters Dairy	100%	\$518,776	\$5,151	Solid Separation	Open Solar Drying	717	3,586	Merced	9/1/2018	6/10/2020
2018	Thommen Dairy Farm	100%	\$510,253	\$118,711	Solid Separation	Composting	2,109	10,545	Fresno	9/1/2018	10/9/2019
2018	Tony & Fatima Garcia Dairy, Inc.	<del>0%</del>	<del>\$346,634</del>	<del>\$5,000</del>	Flush to Scrape	Open Solar Drying	Project canceled	at the request of the recip	ient (No money	was expended)	
2018	Vierra Dairy Farms #1	100%	\$750,000	\$150,101	Solid Separation	Composting	3,954	19,772	Merced	9/1/2018	8/17/2020
2018	Vierra Dairy Farms #3	100%	\$287,878	\$6,750	Solid Separation	Composting	374	1,870	Merced	9/1/2018	5/31/2019
2018	Wilgenburg West Dairy	100%	\$342,207	\$542,405	Flush-to-Scrape	Composting	865	4,326	Kings	9/1/2018	3/19/2019
2018	Willem Postma Dairy	100%	\$531,268	\$367,420	Solid Separation	Composting	4,023	20,113	Stanislaus	9/1/2018	8/31/2020
2018	Zuppan Dairy	100%	\$343,273	\$29,570	Solid Separation	Open Solar Drying	812	4,059	Glenn	9/1/2018	7/31/2019
2019	A&L Dairy	100%	\$420,189	\$4,872	Solid Separation	Open Solar Drying	524	2,620	Tulare	1/1/2020	5/11/2022
2019	Alfred Soares Dairy	100%	\$750,000	\$116,997	Solid Separation	Composting	1,104	5,522	Madera	1/1/2020	4/16/2021
2019	Alves Farms	100%	\$209,165	\$6,000	Solid Separation	Open Solar Drying	905	4,526	Glenn	1/1/2020	8/17/2020
2019	Andrew Zylstra Dairy #2	100%	\$444,491	\$37,190	Solid Separation	Composting	694	3,470	Stanislaus	1/1/2020	3/3/2021
2019	Antone L Gomes & Sons Dairy	100%	\$665,119	\$0	Solid Separation	Composting	772	3,860	Stanislaus	1/1/2020	9/29/2020

<sup>\*</sup>Based on % of requested grant funds invoiced
\*\*Based on expected life of project

<sup>&</sup>lt;sup>a</sup>Canceled - grant agreement was canceled; <sup>b</sup>Expired - grant agreement term ended

Year	Organization	% Funds Disbursed*	Grant Amount	Cost Share	Primary Practice (Some recipients implement more than one practice)	Manure Treatment and/or Storage Method	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 5 yr (MTCO2e)**	County	Start Date	Completion Date
2019	Antonio Cardoso Dairy	100%	\$711,899	\$13,006	Solid Separation	Composting	1,881	9,403	Merced	1/1/2020	5/13/2021
2019	Antonio E. Nunes Dairy	100%	\$507,759	\$5,000	Solid Separation	Solid Storage	967	4,836	Merced	1/1/2020	12/30/2020
2019	Azevedo Dairy #4	100%	\$677,909	\$5,510	Solid Separation	Open Solar Drying	655	3,274	Merced	1/1/2020	2/28/2023
2019	Badger Flat Dairy	100%	\$710,618	\$7,661	Compost Bedded Pack Barn	Composting	1,068	5,338	Merced	1/1/2020	1/20/2022
2019	Beretta Dairy	100%	\$609,303	\$0	Solid Separation	Solid Storage	294	1,468	Sonoma	1/1/2020	1/4/2022
2019	Bivalve Dairy	70%	\$365,157	\$254,565	Flush-to-Scrape	Composting	634	3,171	Marin	1/1/2020	12/31/2024
2019	Blue Sky Dairy LP	100%	\$749,906	\$19,651	Solid Separation	Composting	1,752	8,761	Merced	1/1/2020	1/13/2021
2019	Borba Heifer Ranch	100%	\$627,679	\$88,702	Compost Bedded Pack Barn	Composting	4,266	21,329	San Joaquin	1/1/2020	11/23/2020
2019	Brindeiro & Danbom Dairy Farms	100%	\$565,470	\$0	Solid Separation	Composting	1,021	5,104	Stanislaus	1/1/2020	8/31/2021
2019	Cahill Dairy	100%	\$746,418	\$214,770	Compost Bedded Pack Barn	Composting	115	575	Humboldt	1/1/2020	12/23/2021
2019	Caton Farms	100%	\$559,800	\$0	Compost Bedded Pack Barn	Composting	1,550	7,748	San Joaquin	1/1/2020	6/23/2020
2019	Creekside Dairy (Tulare)	100%	\$611,642	\$60	Solid Separation	Open Solar Drying	1,830	9,150	Tulare	1/1/2020	1/5/2021
2019	DaSilva Dairy Farms LP, Dairy #2	100%	\$469,989	\$17,092	Solid Separation	Open Solar Drying	664	3,319	San Joaquin	1/1/2020	12/10/2021
2019	Deolinda & Carlos Lopes Trust Dairy	100%	\$288,610	\$0	Solid Separation	Open Solar Drying	13	63	Merced	1/1/2020	1/20/2021
2019	Diamond Point Dairy	78%	\$749,933	\$229,840	Compost Bedded Pack Barn	Composting	254	1,268	Humboldt	1/1/2020	12/31/2025
2019	<del>Droogh Dairy</del>	<del>0%</del>	<del>\$723,208</del>	<del>\$0</del>	Solid Separation	Composting	Project withdrav	vn $^{c}$ at the request of the rec	cipient (No mone	y was expende	d)
2019	DS Farms LP	100%	\$499,994	\$75,714	Compost Bedded Pack Barn	Composting	3,716	18,578	San Joaquin	1/1/2020	7/16/2021
2019	Frank N. Rocha Dairy	100%	\$645,600	\$43,465	Compost Bedded Pack Barn	Composting	2,072	10,358	San Joaquin	3/1/2020	9/28/2020
2019	Hillcrest Dairy LP	100%	\$750,000	\$197,742	Solid Separation	Open Solar Drying	2,350	11,748	Merced	1/1/2020	11/23/2021
2019	James Jongsma Dairy	100%	\$727,508	\$43,003	Solid Separation	Open Solar Drying	544	2,719	Tulare	1/1/2020	12/23/2021
2019	Jesse & James Jongsma Dairy	100%	\$750,000	\$186,266	Solid Separation	Composting	1,439	7,193	Tulare	1/1/2020	1/15/2021

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\*\*Based on expected life of project

 $<sup>^{\</sup>rm c}$ Withdrawn - award did not proceed to grant agreement execution

Year	Organization	% Funds Disbursed*	Grant Amount	Cost Share	Primary Practice (Some recipients implement more than one practice)	Manure Treatment and/or Storage Method	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 5 yr (MTCO2e)**	County	Start Date	Completion Date	
2019	Jordao Dairy	100%	\$750,000	\$3,651	Solid Separation	Composting	941	4,707	Stanislaus	1/1/2020	9/1/2020	
2019	KB Dairy	100%	\$613,156	\$82,567	Solid Separation	Open Solar Drying	3,146	15,732	Stanislaus	1/1/2020	3/21/2022	
2019	Lemstra Cattle Company	<del>0%</del>	<del>\$729,761</del>	<del>\$10,000</del>	Compost Bedded Pack Barn	Composting	Project withdrav	vn <sup>c</sup> at the request of the rec	ipient (No mone	y was expended	d)	
2019	Leonardi Dairy	100%	\$159,267	\$4,964	Solid Separation	Composting	289	1,447	Humboldt	2/1/2020	9/15/2021	
2019	Lima Ranch	100%	\$744,069	\$399,119	Solid Separation	Composting	3,257	16,287	San Joaquin	5/1/2020	6/3/2021	
2019	LMT Investments LLC	100%	\$750,000	\$41,183	Compost Bedded Pack Barn	Composting	683	3,415	Stanislaus	1/1/2020	2/6/2023	
2019	Machado Farms	100%	\$749,829	\$13,987	Compost Bedded Pack Barn	Composting	2,463	12,315	Madera	1/1/2020	10/5/2021	
2019	Manuel J. Morris Dairy	100%	\$339,212	\$6,135	Solid Separation	Open Solar Drying	1,648	8,239	Stanislaus	1/1/2020	10/26/2020	
2019	Miranda Dairy	100%	\$749,532	\$246,369	Flush-to-Scrape	Composting	144	719	Humboldt	1/1/2020	2/8/2021	
2019	Mt. Whitney Dairy	100%	\$671,193	\$64,902	Flush-to-Scrape	Open Solar Drying	2,982	14,910	Fresno	1/1/2020	10/5/2020	
2019	Rainimade Dairy	100%	\$749,820	\$512,072	Compost Bedded Pack Barn	Composting	1,786	8,930	Tulare	1/1/2020	3/21/2022	
2019	Renati Dairy	100%	\$750,000	\$7,009	Solid Separation	Composting	510	2,548	Sonoma	1/1/2020	5/28/2021	
2019	Seifert Dairy LP	100%	\$743,994	\$5,527	Solid Separation	Solid Storage	2,934	14,671	San Joaquin	5/1/2020	6/1/2021	
2019	Sierra Vista Dairy	100%	\$732,776	\$77,985	Solid Separation	Composting	2,103	10,517	Merced	4/1/2020	2/9/2023	
2019	Silva Brothers Dairy	100%	\$746,801	\$37,913	Solid Separation	Open Solar Drying	1,000	5,002	San Joaquin	3/1/2020	12/10/2021	
2019	Silva Dairy Farms Heifer Facility	100%	\$750,000	\$36	Solid Separation	Composting	293	1,463	Merced	1/1/2020	6/8/2022	
2019	Silva's Holstein Dairy	100%	\$667,576	\$70	Flush-to-Scrape	Open Solar Drying	2,976	14,880	Stanislaus	1/1/2020	7/9/2020	
2019	Toledo Dairy	100%	\$509,141	\$6,880	Solid Separation	Open Solar Drying	509	2,546	San Joaquin	1/1/2020	8/12/2020	
2019	Tony & Julie Jorge Dairy	<del>0%</del>	<del>\$271,549</del>	<del>\$0</del>	Flush to Scrape	Open Solar Drying	Project canceled <sup>a</sup> at the request of the recipient (No money was expended)					
2019	Tri Palm Dairy	100%	\$749,894	\$10,199	Compost Bedded Pack Barn	Composting	909	4,545	Tulare	1/1/2020	2/7/2022	
2019	Triple C Dairy	100%	\$748,202	\$113,448	Compost Bedded Pack Barn	Composting	428	2,140	Sonoma	1/1/2020	7/1/2022	

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<sup>&</sup>lt;sup>a</sup>Canceled - grant agreement was canceled; <sup>c</sup>Withdrawn - award did not proceed to grant agreement execution

Year	Organization	% Funds Disbursed*	Grant Amount	Cost Share	Primary Practice (Some recipients implement more than one practice)	Manure Treatment and/or Storage Method	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 5 yr (MTCO2e)**	County	Start Date	Completion Date
2019	Vaz Dairy	100%	\$740,053	\$10,538	Compost Bedded Pack Barn	Composting	1,081	5,407	Merced	1/1/2020	12/23/2021
2019	Wagner Dairy	100%	\$749,764	\$563,931	Compost Bedded Pack Barn	Composting	3,803	19,016	San Joaquin	1/1/2020	6/9/2022
2019	WestWood Farms LLC	100%	\$749,698	\$33,194	Compost Bedded Pack Barn	Composting	4,084	20,422	Tulare	1/1/2020	11/3/2023
2020	Agresti Heifer Ranch	70%	\$485,271	\$350,000	Flush-to-Scrape	Composting	1,078	5,392	Stanislaus	2/1/2021	3/31/2024
2020	Backroad Ranch	100%	\$750,000	\$1,579,991	Compost Bedded Pack Barn	Composting	2,728	13,639	Tulare	2/1/2021	5/31/2023
2020	Brian James Jongsma Dairy	100%	\$750,000	\$146,275	Solid Separation	Open Solar Drying	998	4,988	Tulare	2/1/2021	7/15/2022
2020	Capstone Ranch	3%	\$748,125	\$0	Compost Bedded Pack Barn	Composting	2,653	13,266	Madera	2/1/2021	3/31/2024
2020	Godinho Dairy Heifer Ranch	100%	\$657,891	\$81,372	Solid Separation	Composting	240	1,201	Merced	2/1/2021	8/3/2023
2020	Hath Dairy	100%	\$749,995	\$251,075	Compost Bedded Pack Barn	Composting	1,436	7,180	Merced	4/1/2021	1/18/2023
2020	Joe and Ana DaSilva Dairy	100%	\$290,325	\$0	Flush-to-Scrape	Open Solar Drying	1,528	7,640	San Joaquin	2/1/2021	7/29/2022
2020	John Silveira Dairy	100%	\$750,000	\$68,502	Solid Separation	Open Solar Drying	6,390	31,948	Merced	2/1/2021	10/14/2022
2020	Luis Dairy	100%	\$750,000	\$0	Solid Separation	Open Solar Drying	385	1,923	Merced	3/1/2021	11/9/2023
2020	N & C Silveira Dairy	100%	\$749,841	\$4,200	Solid Separation	Composting	1,060	5,298	Stanislaus	2/1/2021	3/10/2022
2020	Silveira Dairy Inc	100%	\$750,000	\$40,000	Compost Bedded Pack Barn	Composting	1,061	5,304	Merced	2/1/2021	2/23/2023
2020	South Creek Dairy	100%	\$750,000	\$423,708	Solid Separation	Open Solar Drying	3,239	16,197	Tulare	2/1/2021	10/12/2022
2020	Souza Brothers Dairy	100%	\$750,000	\$26,022	Solid Separation	Open Solar Drying	718	3,588	Merced	2/1/2021	8/2/2023
2022	Alexandre Acres	0%	\$442,800	\$213,000	Solid Separation	Composting	101	503	Humboldt	1/1/2023	12/31/2024
2022	Bartelink Dairy	52%	\$741,043	\$173,315	Solid Separation	Composting	692	3,458	San Joaquin	1/1/2023	12/31/2024
2022	Correia Dairy	63%	\$710,580	\$86,500	Solid Separation	Composting	374	1,871	Sonoma	1/1/2023	12/31/2024
2022	Cross Creek Dairy	0%	\$750,000	\$986,807	Compost Bedded Pack Barn	Composting	2,833	14,167	Tulare	1/1/2023	12/31/2024
2022	D&D Holsteins	<del>0%</del>	<del>\$750,000</del>	<del>\$30,347</del>	Solid Separation	Composting	Project withdrav	vn <sup>c</sup> at the request of the rec	ipient (No mone	y was expended	d)

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\*\*Based on expected life of project

 $<sup>^{\</sup>rm c}$ Withdrawn - award did not proceed to grant agreement execution

Year	Organization	% Funds Disbursed*	Grant Amount	Cost Share	Primary Practice (Some recipients implement more than one practice)	Manure Treatment and/or Storage Method	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 5 yr (MTCO2e)**	County	Start Date	Completion Date
2022	<del>D&amp;V Dairy</del>	<del>0%</del>	<del>\$749,985</del>	\$ <del>4,913,644</del>	Solid Separation	Composting	Project canceled	$^{^{a}}$ at the request of the recip	ient (No money	was expended)	
2022	Diamond D Dairy	63%	\$749,961	\$124,261	Solid Separation	Composting	2,701	13,504	Kings	1/1/2023	12/31/2024
2022	Diamond M Valley Dairy	0%	\$741,678	\$10,000	Solid Separation	Composting	340	1,701	Sonoma	1/1/2023	12/31/2024
2022	East View Dairy	0%	\$750,000	\$162,053	Compost Bedded Pack Barn	Composting	1,452	7,261	Tulare	1/1/2023	12/31/2024
2022	Fagundes Bros Dairy 4	90%	\$750,000	\$507,255	Compost Bedded Pack Barn	Composting	287	1,433	Merced	1/1/2023	12/31/2024
2022	Fiorini Dairy	31%	\$750,000	\$79,748	Solid Separation	Composting	1,161	5,807	Merced	1/1/2023	12/31/2024
2022	Fred Melo Heifer Ranch	0%	\$750,000	\$177,606	Compost Bedded Pack Barn	Composting	734	3,669	Merced	1/1/2023	12/31/2024
2022	Gabriel Machado & Sons Dairy	53%	\$750,000	\$115,833	Solid Separation	Open Solar Drying	1,006	5,028	Merced	1/1/2023	12/31/2024
2022	John Jongsma Dairy	25%	\$749,842	\$59,275	Solid Separation	Open Solar Drying	1,006	5,028	Tulare	1/1/2023	12/31/2024
2022	L & L Dairy	0%	\$750,000	\$939,600	Compost Bedded Pack Barn	Composting	947	4,733	Fresno	1/1/2023	12/31/2024
2022	Lima Farms	18%	\$515,474	\$21,868	Solid Separation	Open Solar Drying	2,220	11,102	Merced	1/1/2023	12/31/2024
2022	Lopes Family Dairy	63%	\$750,000	\$196,849	Compost Bedded Pack Barn	Composting	2,375	11,875	Stanislaus	1/1/2023	12/31/2024
2022	Manuel Cardoso & Sons Dairy	80%	\$390,701	\$9,000	Solid Separation	Open Solar Drying	1,699	8,495	Merced	1/1/2023	12/31/2024
2022	Monster Dairy	80%	\$750,000	\$24,393	Solid Separation	Composting	1,008	5,042	Stanislaus	1/1/2023	12/31/2024
2022	Oakview Dairy	0%	\$727,655	\$0	Solid Separation	Composting	1,990	9,951	Tulare	5/1/2023	4/30/2025
2022	Pedretti Ranches	100%	\$509,140	\$9,935	Solid Separation	Composting	354	1,768	Merced	1/1/2023	10/24/2023
2022	R & S Dairy	0%	\$747,233	\$340,000	Solid Separation	Composting	1,185	5,925	San Joaquin	1/1/2023	12/31/2024
2022	Sam Kooistra Dairy	82%	\$750,000	\$83,852	Solid Separation	Composting	1,259	6,293	Stanislaus	1/1/2023	12/31/2024
2022	Terrilinda Dairy	85%	\$748,097	\$77,360	Solid Separation	Composting	546	2,729	Sonoma	3/1/2023	2/28/2025
2022	Tony & Julie Jorge Dairy	0%	\$600,188	<del>\$0</del>	Flush to Scrape	Open Solar Drying	Project withdrawn <sup>c</sup> at the request of the recipient (No money was expended)				
2022	Ulys Dairy	50%	\$735,220	\$115,781	Solid Separation	Composting	2,105	10,525	Solano	5/1/2023	4/30/2025

<sup>\*</sup>Based on % of requested grant funds invoiced
\*\*Based on expected life of project

<sup>&</sup>lt;sup>a</sup>Canceled - grant agreement was canceled; <sup>c</sup>Withdrawn - award did not proceed to grant agreement execution

Year	Organization	% Funds Disbursed*	Grant Amount	Cost Share	Primary Practice (Some recipients implement more than one practice)	Manure Treatment and/or Storage Method	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 5 yr (MTCO2e)**	County	Start Date	Completion Date
2022	Van Foeken Dairy #2	5%	\$750,000	\$5,000	Solid Separation	Composting	1,502	7,510	Merced	1/1/2023	12/31/2024
2022	Vitoria Farms	58%	\$750,000	\$115,607	Solid Separation	Open Solar Drying	756	3,781	Madera	1/1/2023	12/31/2024
2022	William Jongsma Dairy	57%	\$750,000	\$469,911	Solid Separation	Open Solar Drying	2,253	11,263	Tulare	1/1/2023	12/31/2024
2023	5N Cattle	Grant Agreement Execution in Progress	\$750,000	\$46,716	Solid Separation	Composting	239	1,197	Merced	3/1/2024 (expected)	8/31/2026 (expected)
2023	Adamscows Family Small Dairy	Grant Agreement Execution in Progress	\$499,578	\$113,313	Compost Bedded Pack Barn	Composting	109	544	Fresno	3/1/2024 (expected)	8/31/2026 (expected)
2023	Alberto Dairy	Grant Agreement Execution in Progress	\$749,549	\$172,945	Solid Separation	Composting	3,946	19,729	Stanislaus	3/1/2024 (expected)	8/31/2026 (expected)
2023	Albin Dairy	Grant Agreement Execution in Progress	\$373,253	\$0	Solid Separation	Solid Storage	231	1,156	Humboldt	3/1/2024 (expected)	8/31/2026 (expected)
2023	Art Silva Dairy #3	Grant Agreement Execution in Progress	\$750,000	\$590,600	Compost Bedded Pack Barn	Composting	672	3,358	Stanislaus	3/1/2024 (expected)	8/31/2026 (expected)
2023	Bar E Dairy	Grant Agreement Execution in Progress	\$746,578	\$128,072	Solid Separation	Open Solar Drying	818	4,088	Kings	3/1/2024 (expected)	8/31/2026 (expected)
2023	Creekside Dairy (San Joaquin)	Grant Agreement Execution in Progress	\$725,985	\$7,200	Solid Separation	Composting	956	4,782	San Joaquin	3/1/2024 (expected)	8/31/2026 (expected)
2023	D & V Dairy	Grant Agreement Execution in Progress	\$747,319	\$82,072	Solid Separation	Composting	3,293	16,465	Tulare	3/1/2024 (expected)	8/31/2026 (expected)
2023	DaSilva Farms #3	Grant Agreement Execution in Progress	\$698,601	\$0	Solid Separation	Open Solar Drying	3,482	17,411	San Joaquin	3/1/2024 (expected)	8/31/2026 (expected)
2023	De Carvalho Bros Dairy	Grant Agreement Execution in Progress	\$742,205	\$0	Solid Separation	Composting	1,068	5,340	Stanislaus	3/1/2024 (expected)	8/31/2026 (expected)
2023	Fagundes Bros Dairy #2	Grant Agreement Execution in Progress	\$750,000	\$637,875	Compost Bedded Pack Barn	Composting	171	854	Merced	3/1/2024 (expected)	8/31/2026 (expected)
2023	Garcia Registered Jerseys LLC	Grant Agreement Execution in Progress	\$750,000	\$476,582	Solid Separation	Composting	2,747	13,734	Stanislaus	3/1/2024 (expected)	8/31/2026 (expected)
2023	George Bianchi Dairy	Grant Agreement Execution in Progress	\$745,348	\$318,874	Solid Separation	Composting	515	2,577	Sonoma	3/1/2024 (expected)	8/31/2026 (expected)
2023	Hilmar Holsteins	Grant Agreement Execution in Progress	\$750,000	\$219,980	Compost Bedded Pack Barn	Composting	1,289	6,445	Merced	3/1/2024 (expected)	8/31/2026 (expected)
2023	M & M Machado Dairy/ Double Cross Dairy #1	Grant Agreement Execution in Progress	\$594,332	\$0	Solid Separation	Composting	1,691	8,455	Stanislaus	3/1/2024 (expected)	8/31/2026 (expected)
2023	M&N Miranda Dairy	Grant Agreement Execution in Progress	\$441,449	\$384,317	Compost Bedded Pack Barn	Composting	101	503	Humboldt	3/1/2024 (expected)	8/31/2026 (expected)
2023	Manuel Martins Dairy L.P.	Grant Agreement Execution in Progress	\$749,891	\$141,000	Solid Separation	Composting	643	3,217	Stanislaus	3/1/2024 (expected)	8/31/2026 (expected)
2023	MDF - Feed Lot	Grant Agreement Execution in Progress	\$717,234	\$0	Solid Separation	Composting	689	3,443	Merced	3/1/2024 (expected)	8/31/2026 (expected)

<sup>\*</sup>Based on % of requested grant funds invoiced
\*\*Based on expected life of project

Year	Organization	% Funds Disbursed*	Grant Amount	Cost Share	Primary Practice (Some recipients implement more than one practice)	Manure Treatment and/or Storage Method	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 5 yr (MTCO2e)**	County	Start Date	Completion Date
2023	North Dairy	Grant Agreement Execution in Progress	\$690,954	\$0	Flush-to-Scrape	Composting	2,388	11,940	Kings	3/1/2024 (expected)	8/31/2026 (expected)
2023	Nunes & Sons Heifers	Grant Agreement Execution in Progress	\$750,000	\$533,422	Compost Bedded Pack Barn	Composting	395	1,977	Tulare	3/1/2024 (expected)	8/31/2026 (expected)
2023	Oasis Holsteins Dairy	Grant Agreement Execution in Progress	\$747,985	\$78,072	Solid Separation	Composting	689	3,446	Kern	3/1/2024 (expected)	8/31/2026 (expected)
2023	Parkview Dairy LP	Grant Agreement Execution in Progress	\$750,000	\$126,513	Compost Bedded Pack Barn	Composting	1,081	5,403	Merced	3/1/2024 (expected)	8/31/2026 (expected)
2023	Pete Postma & Sons Dairy	Grant Agreement Execution in Progress	\$750,000	\$1,284,035	Compost Bedded Pack Barn	Composting	2,103	10,516	Stanislaus	3/1/2024 (expected)	8/31/2026 (expected)
2023	RELM Dairy	Grant Agreement Execution in Progress	\$631,102	\$42,000	Solid Separation	Composting	620	3,101	San Joaquin	3/1/2024 (expected)	8/31/2026 (expected)
2023	Ron Verhoeven Family Dairy	Grant Agreement Execution in Progress	\$747,244	\$78,072	Solid Separation	Composting	815	4,076	Tulare	3/1/2024 (expected)	8/31/2026 (expected)
2023	Shady Acres Dairy	Grant Agreement Execution in Progress	\$742,430	\$48,072	Solid Separation	Composting	3,752	18,758	Fresno	3/1/2024 (expected)	8/31/2026 (expected)
2023	Sozinho Dairy #2	Grant Agreement Execution in Progress	\$747,985	\$78,072	Solid Separation	Solid Storage	1,158	5,788	Fresno	3/1/2024 (expected)	8/31/2026 (expected)
2023	Tillema Dairy	Grant Agreement Execution in Progress	\$750,000	\$348,814	Solid Separation	Composting	2,430	12,150	Kern	3/1/2024 (expected)	8/31/2026 (expected)
2023	Tri-BAK Dairy	Grant Agreement Execution in Progress	\$750,000	\$787,780	Compost Bedded Pack Barn	Composting	712	3,560	Tulare	3/1/2024 (expected)	8/31/2026 (expected)
2023	Triple J Dairy	Grant Agreement Execution in Progress	\$322,312	\$0	Flush-to-Scrape	Open Solar Drying	1,837	9,185	San Joaquin	3/1/2024 (expected)	8/31/2026 (expected)
2023	Western Pacific Dairy	Grant Agreement Execution in Progress	\$750,000	\$604,000	Compost Bedded Pack Barn	Composting	823	4,114	Tulare	3/1/2024 (expected)	8/31/2026 (expected)
	Total	170 Projects	\$106,455,375	\$23,619,041			291,779	1,458,894			

<sup>\*</sup>Based on % of requested grant funds invoiced
\*\*Based on expected life of project