



**USDA Rural Development
Fertilizer Production Expansion Program
May 23, 2024**

States	Senators	Representatives	Recipient Name	Grant Amount	Project Description
CA	Laphonza Butler (CA) Alex Padilla (CA)	Mark Takano (CA39)	4420 Serrano Drive LLC	\$25,369,519	This Rural Development investment will be used to assist with the construction and equipping of a 179,023 square foot, Black Solider Fly food waste upcycling facility located in Jurupa Valley, CA. 4420 Serrano Drive, LLC, a wholly owned subsidiary of PreZero US Inc. utilizes Black Soldier Flies to recycle food waste into an organic nutrient fertilizer. The facility is expected to produce 11,400 tons annually which will provide a domestic fertilizer option for roughly 87 plus producers within the region.
CA	Laphonza Butler (CA) Alex Padilla (CA)	John Duarte (CA13)	Corigin Solutions Inc.	\$2,795,920	This Rural Development investment will be used to provide funding assistance for the expansion of an existing facility operated by Corigin Solutions in Merced, CA. Corigin, a carbon removal business converts agricultural waste into regenerative crop inputs. The project is expected to yield 14,400 tons annually in production and remove roughly 21,600 tons of CO2 pollution.
CA	Laphonza Butler (CA) Alex Padilla (CA)	John Duarte (CA13)	Gemperle Brothers dba Gemperle Fam Farms	\$3,998,024	This Rural Development investment will be used to assist with the construction and equipping of a 38,100 square foot, chicken litter pellet fertilizer facility located in Turlock, CA. Gemperle Brothers, a locally owned and operated family operation, plans to produce 50,000 tons within the first two years of operation which will provide a domestic fertilizer option for roughly 100 plus producers within a 100 mile area of the facility.
FL	Marco Rubio (FL) Rick Scott (FL)	Kat Cammack (FL03)	Cog Marketers LTD	\$3,999,200	This Rural Development investment will be used to assist with the construction and equipping of a 45,720 square foot manufacturing facility located in Lake City, Florida. COG Marketers LLC dba AgroLiquid serves the Southeast Region of the United States specifically North & South Carolina, Alabama, Florida, Mississippi, and Louisiana with 14.5 million gallons of fertilizer components. The facility is expected to produce 2 million gallons annually which will provide a domestic fertilizer option to 200 plus independent retailers in the region.
HI	Brian Schatz (HI) Mazie Hirono (HI)	Jill Tokuda (HI02)	Simonpietri Enterprises LLC	\$3,999,999	This Rural Development investment will be used to construct and equip a biochar manufacturing facility located in Kapolei, HI. Simonpietri Enterprises LLC will produce an organic, nutrient rich fertilizer from wood and green waste gasification, poultry litter, and biodiesel refining. The facility is expected to produce 28,800 tons annually which will provide a domestic fertilizer option for roughly 668 organic producers within the region.
IA	Chuck Grassley (IA) Joni Ernst (IA)	Ashley Hinson (IA02)	Return LLC	\$3,920,000	This Rural Development funds investment will be used to assist Return LLC expand its current facility, to improve existing compost/fermenting site infrastructure and to purchase necessary equipment to transport materials and manufacture the finished product. Return LLC is a fertilizer manufacturing facility located in Northwood, Iowa. These funds will help accelerate growth in domestic fertilizer production and provide support to US farms and their communities.



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IL	Dick Durbin (IL) Tammy Duckworth (IL)	Eric Sorensen (IL17)	Interpose Ag LLC	\$2,400,000	This Rural Development investment will be used to provide financing for construction and equipment purchases for five fertilizer facilities in rural Illinois. The facilities, operated by Interpose Ag LLC, will produce a low-salt, potassium phosphate liquid fertilizer for in-season application uses. The project is expected to create 10 new positions in rural areas. The project anticipates to yield 6 million gallons per year of liquid fertilizer which will be made available to more than 100 local producers annually.
IL	Dick Durbin (IL) Tammy Duckworth (IL)	Nikki Budzinski (IL13)	Sul4r-Plus LLC	\$14,854,364	This Rural Development investment will be used to provide financing for construction and equipping of a new fertilizer facility in rural Illinois. The facility operated by Sul4r-Plus, will upcycle synthetic gypsum which is a waste from coal fired plants into organic binder nutrient. The project is expected to create 50 new positions and anticipates to yield 100,000 tons per year which will be made available to more than 80 local producers annually.
IL	Dick Durbin (IL) Tammy Duckworth (IL)	Darin LaHood (IL16)	Aquatic Agriculture Inc.	\$2,003,460	This Rural Development investment will be used to provide financing for equipment and working capital for mobile fertilizer processing and baling operation in rural Illinois. The project, which unique to the industry, bales, and packages chicken litter into a producer-ready product with extended shelf life. Operated by Green Harvest Solutions, the new equipment and working capital will help deliver a high content, low impact fertilizer amendment to producers throughout the Mid-West. The project anticipates yielding 173,250 tons per year of fertilizer nutrient which will be enough to cover roughly 200,000 acres per in replacement to the syntactic equivalent.
IL	Dick Durbin (IL) Tammy Duckworth (IL)	Jan Schakowsky (IL09)	Patriot Acres LLC	\$1,552,731	This Rural Development investment will be used to assist with the construction and equipping of a 45,720 square foot, organic recycling and processing facility located in Des Plaines, Illinois. Patriot Acres LLC utilizes landscape waste, food waste, and organic discard into high-quality compost and liquid soil additive called Terreplenish. The facility is expected to generate enough fertilizer to replace roughly 253,000 acres per year and provide domestic fertilizer to 1,800 plus producers in the region.
KS	Jerry Moran (KS) Roger Marshall (KS)	Tracey Mann (KS01)	Mid-Kansas Cooperative Association	\$2,382,384	This Rural Development investment will be used to provide financing for construction and equipment of a new replacement facility in Canton, Kansas. Mid-Kansas Cooperative Association, a farmer owned cooperative with 11,000 members and 600 employees will construct the new state of the art facility to provide more efficient access to customers in the region. The facility will support a production of 3,000 tons of liquid fertilizer annually of which will be made available to 250 local producers. The project is expected to create 8 additional positions.



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KY	Mitch McConnell (KY) Rand Paul (KY)	Hal Rogers (KY05)	Soil Carbon Partners Inc.	\$2,352,000	This Rural Development investment will be used to provide financing for construction and equipment purchases of a production facility in Pike County, Kentucky. The facility, operated by Soil Carbon Partners, will be comprised of a mixing, packaging, and storage operation for soil recharging fertilizer amendment material. The project is expected to create additional positions in rural areas. The project anticipates a yield 780,000 tons per year of fertilizer material which will be made available to 384 producers annually.
MN	Amy Klobuchar (MN) Tina Smith (MN)	Brad Finstad (MN01)	Sustane Natural Fertilizer Inc.	\$2,397,792	This Rural Development funds investment will be used to enhance and expand the current facility and purchase new equipment to increase fertilizer production. Sustane is a family owned natural fertilizer manufacturer located in Cannon Falls, Minnesota. These funds will help accelerate growth in domestic fertilizer production and provide support to US farms and their communities.
NC	Thom Tillis (NC) Ted Budd (NC)	Richard Hudson (NC09)	Poulterra Inc.	\$2,947,200	This Rural Development funds investment will be used to assist Poulterra Inc. expand its company by building a facility to produce a fertilizer product from poultry litter to increase fertilizer production. Poulterra Inc. is a poultry fertilizer manufacturer located in Maxton, North Carolina. These funds will help accelerate growth in domestic fertilizer production and provide support to US farms and their communities.
ND	John Hoeven (ND) Kevin Cramer (ND)	Kelly Armstrong (ND00)	Ray Farmers Union Elevator Company	\$1,491,859	This Rural Development investment will be used to assist with the expansion of Ray Farmers Union Elevator Company in Ray, North Dakota. The new addition will increase dry fertilizer capacity by 7,025 tons to a total of 11,425 tons. The project will benefit existing and new customers in the North Dakota counties of Williams, Divide, Mountrail, Burke, and McKenzie as well as improve fertilizer supply logistics.
OR	Jeff Merkley (OR) Ron Wyden (OR) John Hoeven (ND) Kevin Cramer (ND)	Andrea Salinas (OR06) Kelly Armstrong (ND00)	Chapul LLC	\$3,954,244	This Rural Development investment will be used to provide financing for construction and equipment for two facilities located in North Dakota and Oregon. These facilities will provide a climate smart alternative to conventional composting through the process of waste consumption via the Black Soldier Fly. The insects will consume a variety of organic material and in turn produce a mixture of nutrient rich soil amendment called frass. The project anticipates yielding 10,000 tons per year of fertilizer nutrient per location and create 59 new positions.
WA	Maria Cantwell (WA) Patty Murray (WA)	Rick Larsen (WA02)	Tidal Vision Products Inc.	\$2,327,751	This Rural Development investment will be used to help offset the costs associated with the expansion of the fertilizer manufacturing facility. The expansion will expand manufacturing, processing capacity, and storage at their facility in Raymond, Washington and will also be used to build a new facility in Orange, Texas. This project will be used to purchase and install new processing equipment for both facilities, finance design costs, and provide working capital. The facility is in Raymond, Washington and Orange Texas. Tidal Vision was founded in 2013 and manufactures and markets liquid fertilizers.
			Total	\$82,746,447	