

**USDA Rural Development
Fertilizer Production and Expansion Program
October 16, 2023**

States	Senators	Representatives	Recipient	Grant Amount	Project Description
AZ WA	Kyrsten Sinema Mark Kelly (AZ), Patty Murray Maria Cantwell (WA)	Paul Gosar (AZ 09), Dan Newhouse (AZ 04)	Bio-Gro Inc.	\$2,992,340	This Rural Development investment will be used to fund the construction of cement tanks/beds for use in manufacturing dry soluble humic acid, and for site upgrade, compliance and quality assurance activities. The applicant proposes to expand their Humic Acid production capacity.
AZ	Kyrsten Sinema Mark Kelly	Elijah Crane (02)	Grower's Market Inc. dba Arizona POM	\$2,400,000	This Rural Development investment will be used to help offset the costs associated with purchasing additional equipment to increase production. Growers Market Inc. has been in business since 1985 and is located in Arizona. Using green waste from commercial producers they can create an eco-friendly fertilizer that helps to divert 190,000 tons of organic waste over a 4-year period. By grinding waste at the source, it will also reduce greenhouse emissions by 4,300 metric tons. They expect to expand current compost production from 64,000 yards per year to 464,000 yards per year within 5 years.
AZ	Kyrsten Sinema Mark Kelly	Raul Grijalva (07)	The Fairfax Companies LLC	\$810,225	This Rural Development investment will be used to help offset the costs associated with adding additional equipment for expanding compost production as well as adding three additional employees. The Fairfax Companies LLC is located in Arizona and produces compost and compost-based fertilizers by using organic matter that otherwise would end up in landfills. Currently they have a waitlist for customers, the grant will be used to increase production to 7,600 m3 annually and reduce GHG emissions.
CA	Alex Padilla Laphonza Butler	Jimmy Panetta (19)	Farm Fuel Inc.	\$2,054,862	This Rural Development investment will be used to help offset the costs associated with purchasing equipment, securing inventory of raw materials, and working capital. Farm Fuel Inc. is a woman-led corporation that produces organic fertilizer primarily from mustard seed meal left after the oil is extracted. The flagship product "PESCADERO GOLD" is produced in the Watsonville, California facility.
CA OR	Ron Wyden Jeff Merkley (OR), Alex Padilla Laphonza Butler (CA)	Cliff Bentz (OR 02), Jimmy Panetta (CA 19)	True Organic Products Inc.	\$4,999,999	This Rural Development investment will be used to assist an organic fertilizer producer in rural Boardman, Oregon. The expansion will increase availability and sustainability of organic fertilizer for pacific northwest producers. True Organic Products Inc. will use funds from this grant for construction, equipment, site work, architectural, and engineering fees. The recipient of this grant will contribute \$3,333,333 towards this project.

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FL	Marco Rubio Rick Scott	Aaron Bean (04)	GreenTechnologies LLC	\$2,367,684	This Rural Development investment will be used to help offset the costs associated with adding and updating equipment and providing working capital. GreenTechnologies LLC is located in Jacksonville, Florida where it produces biobased fertilizers and traditional fertilizers for agricultural, commercial, and residential use. These funds will help to increase production to 25,000 tons and help meet climate smart goal by updating existing equipment and adding new dryers. Also, this project will expand the GreenTechnologies workforce, both in business development and production labor, in order to support the desired level of growth. This project will increase production to meet growing biobased fertilizer demand locally and across the southeast U.S.
IN	Todd Young Mike Braun	Rudy Yakym (02)	Bionutrients Ag LLC	\$5,531,038	This Rural Development investment will be used to help offset the costs associated with erecting and equipping a facility to process chicken manure and other waste from egg production facilities into fertilizer. The facility will be located in Wabash, Indiana and will provide fertilizer for grain and fruit crops.
MI	Debbie Stabenow Gary Peters	Bill Huizenga (04), John Moolenaar (02)	Scenic View Dairy LLC	\$2,262,399	This Rural Development investment will be used to upgrade and expand farm-based nutrient alternative production facilities to increase the use of biofertilizers to Scenic View Dairy in Fennville and Brook View Dairy in Freeport, Michigan. The project will process anaerobically digested manure to sequester 85-95 percent of the phosphorus through solid/liquid separation, and then further process the separated solids. When completed the project will increase domestic availability of nutrient alternatives, increasing options available to agricultural producers and will reduce impact of climate change by reducing manure hauling and diversion from lagoon storage.
MN	Amy Klobuchar Tina Smith	Michelle Fischbach (07)	Northstar Lime LLC	\$4,409,183	This Rural Development investment will be used to expand the market for spent lime for use to improve land productivity. Northstar Lime LLC will convert powdered spent lime, once considered waste for disposal, into lime pellets for use in enhancing soil health. The use of lime pellets will be a strong aversion to the environmental impact of building more landfills.

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OH	Sherrod Brown J.D. Vance	Marcy Kaptur (09)	Growers Mineral Corporation	\$3,935,600	This Rural Development investment will be used to help offset the costs associated with constructing a new facility, purchase of new processing and manufacturing equipment, and climate-smart equipment. The new facility is projecting to increase fertilizer production by 279 percent, by 2027 with enough product to support 832,000 acres of approximately 4,000 end user farmers. Growers Mineral is located in Milan, Ohio.
OH	Sherrod Brown J.D. Vance	Shontel Brown (11)	Quasar Energy Group LLC	\$3,959,285	This Rural Development investment will be used to help offset the costs associated the production of biofertilizer products (nutrient alternatives) from digestate of anaerobic digestion. These funds will be used to update an existing lagoon for biofertilizer reparation and storage; construction of a new biofertilizer plant for both regular and high nitrogen biofertilizer preparation and storage; repair and restart an existing digester; purchase equipment to apply biofertilizer. When completed the project projects to produce over 24 million gallons/year of biofertilizer.
PA IA	Robert Casey John Fetterman (PA), Charles Grassley Joni Ernst (IA)	Mary Gay Scanlon (PA 05) Mariannette Miller-Meeks (IA 01)	Holganix LLC	\$3,454,755	This Rural Development investment will be used to help offset the costs with Holganix LLC's expansion project. The project is in three modules: 1) expansion of the Aston, Pennsylvania manufacturing facility; 2) start-up of the West Point, Iowa facility; and 3) start-up of the Kansas facility. Holganix manufactures Holganix Bio 800+, a microbial soil treatment and nutrient alternative which reduces the need for traditional chemical fertilizers. The funds will be used to purchase equipment to expand the Aston, Pennsylvania facility, and equip both the new Iowa and Kansas facility. Grant funds will also provide working capital.
PA OH	Robert Casey John Fetterman (PA), Sherrod Brown J.D. Vance (OH)	Brendan Boyle (PA 02) Marcy Kaptur (OH 09)	EnviroKure Inc.	\$2,036,112	This Rural Development investment will be used to assist farmers, ranchers, and rural small business in developing alternative fertilizers to help expand the food production of the nation's farmers. EnviroKure has developed an accelerated aqueous composting technology to up-cycle chicken manure into a high-value liquid product that serves as a biofertilizer and bio-stimulant. These funds will be used to expand this production from 5 million gallons of liquid fertilizer annually to 10 million gallons of liquid fertilizer annually treating up to 2,000,000 acres.

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PR		Jennifer Gonzalez-Colon	Pan American Grain Company	\$3,840,000	This Rural Development investment will be used to help offset the costs associated with repairing damage done to the plant by Hurricane Maria and followed by an earthquake. The grant will be used to clean and reopen a portion of the plant that was closed and to purchase and install new equipment. The improvements will not only restore Pan American Grain Company production to previous production capacity but also increase production. Pan American Grain Company has operated in Puerto Rico for 16 years. By increasing production, they hope to improve food supply chain in Puerto Rico.
TX	John Cornyn Ted Cruz	Michael McCaul (10)	BioXRG LLC	\$3,779,535	This Rural Development investment will be used to purchase and install a 690,000 gallons per year facility in Texas using methane-arrested anaerobic digestion to convert food waste into liquid potassium fertilizer. BioXRG's process uses food wastes as fermentation substrates, which otherwise go to landfills. BioXRG's process avoids the pollution, supply chain risks, high costs, and volatility of petrochemical markets – resulting in a natural product with lower and more stable production costs. BioXRG LLC is a Texas company that is independently owned and operated by an experienced U.S. management team. The company is located in Bryan, Texas. All fertilizer and nutrient alternatives manufactured by the project will be sold through U.S. distributors to U.S. farmers. The project will provide U.S. farmers with a new, independent source and increased domestic supplies of liquid potassium fertilizer for synthetic and organic markets.
UT	Mike Lee Mitt Romney	Burgess Owens (04)	Aqua Yield Operations Inc.	\$1,261,600	This Rural Development investment will be used to help offset the costs associated with the expanding the liquid fertilizer manufacturing plant in Utah. The facility uses novel sophisticated mineral nanoparticles to make liquid fertilizer. Aqua Yield has been in business 9 years and is in a 30,000 square foot building located in Sandy, Utah. These funds will be used to purchase of additional equipment to increase production consistency and efficiency.



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WI	Ron Johnson Tammy Baldwin	Mike Gallagher (08)	Dairy Dreams LLC	\$2,530,396	This Rural Development investment will be used to help offset the costs associated with launching the production of organic fertilizer. Fertilizer will be produced in both liquid form and pellet forms. Grant funds will be used for equipment and building improvements. Dairy Dreams LLC is a dairy operation located in Casco, Wisconsin.
			Total	\$52,625,013	