

**USDA Rural Development
Fertilizer Production Expansion Program
As of November 14, 2023**

States	Senators	Representatives	Recipient	Grant	Project Description
AZ	Kyrsten Sinema Mark Kelly	Eli Crane (02)	Growers Market Incorporated 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 five 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.
AZ WA	Kyrsten Sinema Mark Kelly (AZ) Patty Murray Maria Cantwell (WA)	Paul Gosar (AZ 09) Dan Newhouse (WA 04)	Bio-Grow Incorporated	\$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.
CA	Alex Padilla Laphonza Butler	Jimmy Panetta (20)	Farm Fuel Incorporated	\$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	Alex Padilla Laphonza Butler (CA) Jeff Merkley Ron Wyden (OR)	Jimmy Panetta (CA 19) Cliff Bentz (OR 02)	True Organic Products Incorporated	\$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.
FL	Marco Rubio Rick Scott	Katherine Cammack (03) Michael Waltz (06) Aaron Bean (04)	Sunshine Organics and Compost LLC	\$2,949,660	This Rural Development investment will be used to increase the availability of both compost, biochar and other soil amendments. Sunshine Organics and Compost is a private, independently owned, and operated entity located in Jacksonville, Florida. They collect feedstock including yard waste, woody biomass, forage waste, crop residue, grass, straw, sawdust, leaf litter, husks, vegetable waste, wastewater, manure, and humic. The feedstock is eventually processed into biochar, compost, other soil amendments. The grant funds will be used to help modernize the existing facility and purchase new processing and manufacturing equipment.

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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. Green Technologies 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 Green Technologies 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 United States.
GA AL	Jon Ossoff Raphael Warnock (GA) Tommy Tuberville Katie Britt (AL)	Mike Rogers (AL 03) Buddy Carter (GA 01)	Pursell Agri-Tech LLC	\$4,999,999	This Rural Development investment will be used to provide working capital for Pursell Agri-Tech to expand production of its controlled-release fertilizer over a two-year period by 40,000 tons annually. Pursell's Sylacauga, Alabama, facility is commercially operated and has been in production for four years acquiring customers, developing market share, and building a solid base of business. The Savannah, Georgia, production facility was completed in November 2022, and is now in operation. Pursell will now be working with established customers to expand into the broadacre and specialty agriculture markets in the southeast.
IA	Charles Grassley Joni Ernst	Randy Feenstra (04)	Landus Cooperative	\$4,885,988	This Rural Development investment will be used to offset the costs associated with building a greenfield fertilizer manufacturing and repackaging facility. The facility will manufacture a foliar, slow-release nitrogen product, which will decrease inground nitrogen application rates and increase overall nitrogen efficiency in growing corn. Landus Cooperative is the largest agricultural cooperative in Iowa, providing products and services to 7,000 farmer owners.
IA	Charles Grassley Joni Ernst	Ashley Hinson (02)	Viafield, A Cooperative	\$4,947,646	This Rural Development investment will be used to help offset the costs associated with the construction of a new dry fertilizer facility and the associated equipment. Progressive Ag Cooperative is a member-owned ag cooperative in Northern Iowa and Southern Minnesota.
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.
MA	Elizabeth Warren Ed Markey	Seth Moulton (06)	Black Earth Compost LLC	\$1,756,594	This Rural Development investment will be used to offset the costs associated with constructing an indoor compost facility in eastern Massachusetts. The facility will convert food scraps to nutrient rich compost. Black Earth Compost is 10 years into the food scrap recycling industry with 35 collection trucks, three active compost sites, and more than 70 employees. Constructing this new facility will produce compost that will be sold to agricultural producers as a soil nutrient.

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MA LA	Elizabeth Warren Ed Markey (MA) Bill Cassidy John Kennedy (LA)	William Keating (MA 09) Clay Higgins (LA 03)	AMT Bioproducts Corporation	\$4,025,313	This Rural Development investment will be used to help offset the costs associated with a fertilizer facility in Abbeville, Louisiana. The funds will be used to construct, equip, and provide working capital to increase production of AMT's Organic Gem liquid fish fertilizer. AMT BioProducts Corp. has been operating a manufacturing facility in New Bedford, Massachusetts. The new facility will help AMT BioProducts meet the increasing demand for their product.
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.
MO	Josh Hawley Eric Schmitt	Cori Bush (01)	Ostara St. Louis LTD	\$7,562,608	This Rural Development investment will be used to enable Ostara St. Louis LTD to rapidly scale capacity to manufacture and sell fertilizers. The project encompasses the construction, commissioning, and production ramp up of the new fertilizer manufacturing located in St. Louis, Missouri. At capacity, Ostara plans to produce 200,000 tons/year of its Crystal Green (CG) fertilizers. CG is a proprietary and innovative phosphate fertilizer. This project will save two jobs and create two employment opportunities.
MO	Josh Hawley Eric Schmitt	Mark Alford (04)	Palindromes Incorporated	\$4,900,000	This Rural Development investment will be used to purchase and construct two new fertilizer processing systems and two new anaerobic digestion systems. The new systems will expand fertilizer manufacturing capacity and increase fertilizer production output. These funds will aid in installing climate-smart technology (the anaerobic digestion system) that will reduce greenhouse gas emissions and improve air and water quality. Using hog manure, slaughterhouse waste, and food waste as input materials, the Biogas from the anaerobic process is combusted in a turbine to generate electricity, this electricity is then used to power the anaerobic digestion system. The new systems will be located in Unionville, Missouri.

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MO	Josh Hawley Eric Schmitt	Emanuel Cleaver (05)	Elm Dirt LLC	\$1,304,250	This Rural Development investment will be used to help offset the costs of adding additional tanks and infrastructure, increase warehouse capacity, and hire staff. Located in Kansas City, Missouri, Elm Dirt's fertilizer production will expand from 8,000 to 120,000 gallons per week and replace imported, high-carbon footprint synthetic fertilizer.
MT	Jon Tester Steve Daines	Matt Rosendale (02)	Farmers Union Oil Company of Circle	\$3,390,973	This Rural Development investment will be used to provide expansion financing for a fertilizer processing facility in rural Montana. This project will secure additional working capital inventory to increase production capacity as well as life safety and operational efficiency equipment within the new plant. This project will save five local jobs and create two additional positions through expansion. The new plant will provide a local and affordable option for agriculture producers in a four county region seeking a custom formulated fertilizer product which is domestically produced.
NM CO	Martin Heinrich Ben Ray Lujan (NM) Michael Bennet John Hickenlooper (CO)	Teresa Leger Fernandez (NM 03) Lauren Boebert (CO 03)	Table to Farm Compost LLC	\$2,250,437	This Rural Development investment will be used to help offset the costs associated with expanding the existing composting systems. The funds will be used to purchase land, equipment, and working capital for the compost expansion in Durango, Colorado, located in La Plata County. Table to Farm Compost LLC processes food waste into compost for use by agricultural producers in the Colorado New Mexico four corners region.
OH	Sherrod Brown J.D. Vance	Shontel Brown (11)	Quarsar 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 preparation 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 is estimated to produce more than 24 million gallons/year of biofertilizer.
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	Troy Balderson (12)	Earth Peak Organics LLC	\$3,339,000	This Rural Development investment will be used to procure equipment necessary for anaerobic digestion technology. This project will allow Earth Peak Organics, a natural fertilizer manufacturer located in Dublin, Ohio, to procure three digesters, increase the truck fleet (for food waste pickup), install a truck scale with approach, storage bunker/receiving hopper, and transfer conveyors, update screening systems, and facility upgrades to solar and biodiesel fuel. The expansion this aerobic food waste digestion system will be capable of producing over 2,920 tons of all-natural fertilizer annually, while also diverting over 41 tons of local food scraps from local landfills.

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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 its 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. These grant 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)	Marcy Kaptur (OH 09) Brendan Boyle (PA 02)	EnviroKure Incorporated	\$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 five million gallons of liquid fertilizer annually to 10 million gallons of liquid fertilizer annually treating up to 2,000,000 acres
PR		Jennifer Gonzalez-Colon	Pan American Grain Company Incorporated	\$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	Sylvia Garcia (29)	Pasadena Commodities International	\$4,999,999	This Rural Development investment will be used to expand the existing sulfuric acid, ammonium sulfate, and ammonium thiosulfate fertilizer manufacturing plant. This project will be used to purchase equipment, the associated costs to install the equipment, and provide working capital. The expansion will enable Pasadena Commodities International (PCI) to produce Nitrogen Ammonium polyphosphate, a starter fertilizer used in the agriculture industry. PCI Nitrogen is an independently owned and operated entity, the expansion project is in Pasadena Texas.

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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 Incorporated	\$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.
WA	Patty Murray Maria Cantwell	Dan Newhouse (04) Pramila Jayapal (07)	Perfect Blend LLC	\$2,594,122	This Rural Development investment will be used to help offset the costs associated with the expansion of the fertilizer manufacturing facility. The expansion titled Wastes into Fertilizer Initiative (WIFI) will expand existing, create new manufacturing, processing capacity, and storage at their facility in Othella, Washington. Grant funds will be used to purchase and install a liquid fertilizer blending station, install new stainless steel dryer drum and the associated installation costs to replace the existing dryer, and to provide working capital. The facility is in Othello, Washington. Perfect Blend was founded in 2001 and manufactures and markets fertilizers.
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.
WI	Ron Johnson Tammy Baldwin	Steil, Bryan (WI 01)	The DeLong Company Incorporated	\$4,563,744	This Rural Development investment will be used to assist a business in rural Elkhorn, Wisconsin replace an existing fertilizer facility with a modern facility. This new facility will have more than four times the volume processing capabilities, the ability to custom blend fertilizer blends by the field and produce positive environmental impacts for all stockholders.
WI	Ron Johnson Tammy Baldwin	Derrick Van Orden (03)	Black's Valley Ag Supply Incorporated	\$4,919,743	This Rural Development investment will be used to help offset the costs associated with construction of a new dry fertilizer production and storage facility. Black's Valley Ag Supply Inc. is an independent agriculture fertilizer production plant in Durand, Wisconsin. When the new facility is operational Black's Valley expects to help increase fertilizer production by 33 percent per year.



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				\$116,015,089	