



**USDA Rural Development  
Fertilizer Production Expansion Program  
March 10, 2023**

<b>State</b>	<b>Senators</b>	<b>Representatives</b>	<b>Recipient</b>	<b>Grant</b>	<b>Project Description</b>
AL	Tommy Tuberville Katie Boyd Britt	Jerry Carl (01)	Pursell Agri-Tech LLC	\$4,999,999	This Rural Development investment will be used to assist Pursell Agri-Tech LLC, a manufacturer of controlled-release fertilizer (CRF) with working capital that will increase its inventory by 40,000 tons per year. Each ton of CRF effectively doubles the nutrient benefit of a ton of fertilizer, making this 40,000 ton increase of CRF equivalent to 80,000 tons of uncoated fertilizer per year. These funds could be put to use beginning in spring 2023 with farmers realizing the benefit of increased fertilizer availability almost immediately.
CO	Michael Bennet John Hickenlooper	Lauren Boebert (03)	Table to Farm Compost LLC	\$2,607,915	This Rural Development investment will be used to increase the production of locally produced compost for the region to support agricultural production between December 2022 and December 2027. The applicant has received permitting approval to build a Class II commercial Compost Facility and will use the funds to purchase land, equipment to scale up production, transportation, and processing equipment for carbon and nitrogen feedstocks, working capital for expansion, and construction and installation of power.
MA	Elizabeth Warren Ed Markey	Seth Moulton (06)	Black Earth Compost LLC	\$1,756,594	This Rural Development investment will be used to assist Black Earth Compost LLC with the construction of an indoor compost facility that converts stranded nutrients back into a stable supply of usable nutrients in the form of compost. This funding would convert this facility to produce a compost tailored for a new market of larger agricultural producers outside the metro population centers. This new value-added process includes compost drying and screening equipment to get larger amounts of a Food Safety Modernization Act (FSMA) compliant, nutrient-rich compost on each truck, which can thus economically travel deeper into agricultural areas.



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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 expand production of organic microbe fertilizer from 8,000 gallons per week to 120,000 gallons per week. Products are based on worm castings which are created by worms breaking down organic waste to beneficial substances. Products are a proprietary blend of microbes that include nitrogen fixing microbes, phosphorus solubilizing microbes and plant growth promoting rhizobacteria. Products have a lower nitrogen (N), phosphorus (P) and potassium (K) (NPK) rating than commercial fertilizer, so they help reduce nutrient losses, but still result in nutrients being readily available for plant uptake when two to five gallons/acre of product are applied twice per year.
MO	Josh Hawley Eric Schmitt	Cori Bush (01)	Ostara St. Louis LTD	\$7,565,608	This Rural Development investment will be used to fund the fertilizer manufacturing site, which is in the late stages of project development, including construction, commissioning, and production ramp up of the site. At capacity, the facility plans to produce 200,000 tons/year of its innovative, sustainable phosphate fertilizer. It is proven to drive superior crop yields, improved farmer economics, and reduced impacts on climate, surface and ground water, and resource extraction.
MO	Josh Hawley Eric Schmitt	Sam Graves (06)	Palindromes Inc	\$4,900,000	This Rural Development investment will be used to expand the anaerobic digestion and renewable energy production system in a regionalized economy approach to the production, processing, and sale of climate smart fertilizer and co-products. The project entails the conversion of wet organic wastes of animal manure, meat processing wastes and food wastes into dried organic fertilizers and soil amendments. Electricity co-product is generated from the biogases.



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OH	Sherrod Brown J.D. Vance	Troy Balderson (12)	Earth Peak Organics LLC	\$3,339,000	This Rural Development investment will be used to assist Earth Peak Organics LLC with expanding its current unique applications of aerobic food waste digestion technology to perfect localized, farmer-focused, closed loop systems to convert food waste to a natural fertilizer product.
WA	Maria Cantwell Patty Murray	Adam Smith (09)	Perfect Blend LLC	\$2,594,122	This Rural Development investment will be used to assist Perfect Blend LLC with expanding and increasing its ability to manufacture and process raw manure and fish waste into fertilizer by using its patented technology. This project will replace a stainless-steel dryer drum and construct a liquid fertilizer blending station and storage area on its facility.
			<b>Total:</b>	<b>\$29,067,488</b>	