



USDA Rural Development
FY 2024 Fertilizer Production Expansion Program

Number of Awards: 7
Grant Total: \$35,103,488

States	Senators	Representatives	Program	Recipient	Grant Amount	Project Description
CA	Alex Padilla (CA) Laphonza Butler (CA)	Ro Khanna (CA17)	Fertilizer Production Expansion Program (FPEP)	Nitricity Inc.	\$3,999,999	This Rural Development investment will be used to assist in the expansion of an existing facility located in Fremont, California. Nitricity LLC, a farmer-focused nitrogen fertilizer manufacturer, will expand their existing facility to produce a fossil fuel free product by electrifying aqueous calcium nitrate, producing a clean, climate smart product for producers. This facility is expected to generate 20,000 tons of nitrate fertilizer product annually and create six full time positions.
IA	Chuck Grassley (IA) Joni Ernst (IA)	Mariannette Miller-Meeks (IA01)	Fertilizer Production Expansion Program (FPEP)	Quality Flow Environmental LLC	\$4,669,600	This Rural Development investment will be used to construct a new thermochemical manufacturing facility for production of a fertilizer product made from dairy waste. Located in Maquoketa, Iowa, Quality Flow Environmental LLC, a leader in water quality and treatment, utilizes waste generated from a contiguous dairy into a carbon product through a thermochemical process called torrefaction. The process yields a high quality, viable fertilizer product from animal waste feedstock. This facility is expected to generate 540,66 tons of solid carbon-ready product annually which will be made available to local producers in the region.
NY	Kirsten Gillibrand (NY) Chuck Schumer (NY)	Claudia Tenney (NY24)	Fertilizer Production Expansion Program (FPEP)	RT Solutions LLC	\$880,992	This Rural Development investment will be used to assist with the expansion of an existing liquid and granular fertilizer facility located in Avon, New York. RT Solutions LLC utilizes waste generated from a contiguous dairy to remove excess nutrients through vermicompost (worm produced). The process yields a high quality consistent product for use on horticultural and agricultural commodities. Through expansion, this facility is expected to generate 500,000 gallons of liquid product and 37,500 gallons of concentrate annually which will be made available to local producers in the region.
OR	Jeff Merkley (OR) Ron Wyden (OR)	Andrea Salinas (OR06)	Fertilizer Production Expansion Program (FPEP)	Valley Fresh Foods Inc.	\$3,999,078	This Rural Development investment will be used to construct a pelletizing fertilizer plant located in Woodburn, Oregon. Valley Fresh Foods, a farmer producer of shell eggs, will construct the facility to process on-farm chicken litter into a nutrient rich, heat pasteurized pellet product available for local producers. This facility is expected to generate 100 million tons of pelletized product annually and create 10 full time positions.
TN	Marsha Blackburn (TN) Bill Hagerty (TN)	John Rose (TN06) Diana Harshbarger (TN01)	Fertilizer Production Expansion Program (FPEP)	Nyrstar Tennessee Mines Gordonsville LLC	\$9,000,000	This Rural Development investment will be used to expand two existing facilities in Gordonsville and New Market, Tennessee. Nyrstar, a zinc mining operation will construct pelletizing plants to produce an agricultural lime additive, which neutralizes soil pH and adds calcium, magnesium, iron, and zinc to support crop and plant growth. Through expansion, these facilities are expected to generate 370,000 tons of pelletized lime annually which will be made available to local producers in the region.



United States
Department of
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VA	Mark Warner (VA) Tim Kaine (VA)	Jennifer McClellan (VA04)	Fertilizer Production Expansion Program (FPEP)	AdvanSix Inc.	\$11,777,000	This Rural Development investment will be used to expand an existing facility located in Hopewell, Virginia. AdvanSix, an ammonium sulfate producer currently provides 31,400 agricultural producers with granular ammonium sulfate through the mid-west and east coast. The plant expansion will increase capacity through equipment and storage activities. This project will expand the operational capacity by 195,000 tons per year, increasing the total production to more than 36,000 producers.
WI	Ron Johnson (WI) Tammy Baldwin (WI)	Glenn Grothman (WI06)	Fertilizer Production Expansion Program (FPEP)	Dramm Corporation	\$776,819	This Rural Development investment will be used to allow Dramm Corporation to increase the production of nitrogen-based fertilizer and expand its customer/farmer network in the United States. The funds will be used to modernize equipment used in production, purchase climate-smart equipment to reduce greenhouse gases and construct an additional building allowing Dramm to increase production capacity utilizing the existing site adjacent to current production facility. Using fish offal (heads, bones, racks, and viscera) collected from commercial and sport fishermen of the Great Lakes, Dramm produces a liquid fish fertilizer suitable for organic and traditional farming alike while keeping millions of pounds of waste out of landfills and fresh waterways. Dramm is heavily focused on sustainability, preservation, and employee safety. A solar array will be added to the fertilizer location which will power approximately 55% of the production machinery. Replacing the outdated forklifts with LP forklifts with tote grabbers will increase employee safety. The purchase of a new box truck with lift gate will ensure reliable and increased collection of offal supply for production. All of Dramm s expansion plans are focused on increasing production to increase distribution to farmers, employee safety and reducing our carbon footprint.
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