Sedron's $360 Million Project Selected to Advance in USDA FIELDS Domestic Fertilizer Funding Process

Two planned facilities in Indiana and Kansas would recover approximately 4,100 tons of organic nitrogen annually from dairy manure



Sedron Technologies

SEDRO-WOOLLEY, WA, UNITED STATES, October 29, 2026 /EINPresswire.com/ -- Sedron, which develops and operates facilities that upcycle agricultural waste and municipal biosolids, plans to build two new domestic fertilizer manufacturing facilities in Indiana and Kansas. The facilities are part of the projects selected to move forward in the U.S. Department of Agriculture's (USDA) Fertilizer Investment and Expansion for Long-Term Domestic Supply (FIELDS) Program, with approximately $116.9 million in proposed funding to Sedron's wholly owned subsidiary, Agriculture Project Holdco, LLC.

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> *Geoff Trukenbrod, Chief Executive Officer, Sedron*

The purpose of FIELDS is to fund independent domestic fertilizer production capacity in order to provide agricultural producers more options and strengthen the U.S. fertilizer supply chain. At $360 million, Sedron's projects are the largest by total investment among the eight USDA selected and would recover nitrogen from dairy manure and turn it into fertilizer for organic and specialty crop growers.

The Indiana facility is planned at Fair Oaks and the Kansas facility at Twin Circle Dairy, each with a long-term manure supply. Together, they would recover approximately 4,100 tons, or 8.2 million pounds, of nitrogen a year, delivered as organic liquid ammonium nitrate fertilizer, enough to fertilize more than 55,000 acres of organic and specialty crops each season. Both would also return clean water and a dry fertilizer for use on the farms.

The new facilities would use the same Sedron patented Varcor® technology already operating at Kinnard Farms in Casco, Wisconsin, and Curtis Creek Dairy in Fair Oaks, Indiana, which together recover more than five million pounds, or 2,500 tons, of organic nitrogen a year. Sedron's fertilizer is Organic Materials Review Institute (OMRI) Listed for organic production and reaches growers through agricultural retail and distribution channels.

USDA's proposed funding and supplemental funds from Sedron and its investors would enable project planning, design, construction, and commissioning. Final agreements follow the USDA review process, and construction can begin once they are complete. More information is available in the USDA announcement.

FIELDS Project Perspectives

Geoff Trukenbrod, Chief Executive Officer, Sedron
"Our growth strategy and operating model are built on scaling our commercially proven technology, long-term dairy farm partnerships, and established agricultural distribution channels. These projects would expand our footprint in Indiana and bring our model to Kansas, increasing domestic organic nitrogen fertilizer production and creating value for growers."

Lucas Reid, Senior Vice President of Agriculture, Sedron
"My family has farmed and ranched in Idaho for five generations, so I understand the importance of dependable inputs and the planning it takes to run a farm. Dairy manure contains nitrogen that can be recovered and put to work for growers. These facilities would turn that nutrient into liquid organic fertilizer while returning water and dry fertilizer to the partner dairies. I applaud the USDA for recognizing the value created on both sides with another domestic nitrogen source for growers and more useful outputs from material dairies already manage."

Dr. Mike McCloskey, Co-Founder and CEO Emeritus, Select Milk Producers
"Dairies manage manure every day, while growers need reliable sources of crop nutrients. Recovering nitrogen at the dairy can connect those needs, turning a farm byproduct into domestic fertilizer while returning water and dry fertilizer to the operation. Projects like these show how dairy and crop production can support one another and strengthen the U.S. agricultural supply chain."

About Sedron
Founded in 2014, Sedron is a leading provider of circular waste management solutions for agricultural manure and municipal biosolids. Its patented Varcor® system transforms these materials into recovered water, organic fertilizer, and carbon-negative commodities. Sedron develops and operates facilities designed to reduce nutrient pollution and operating costs while promoting sustainability at a fraction of traditional costs. Backed by an investment of up to $500 million from Ara Partners, the company is expanding its municipal and agricultural facility

pipeline across North America. Learn more at sedron.com or follow Sedron on LinkedIn.

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