



**United States
Department of
Agriculture**

**USDA Rural Development
FY 2025 Fertilizer Production Expansion Program and Biobased Markets Access Grant Program
1.21.2024
Projects: 2
\$20,000,000 Grant**

States	Senators	Representatives	Program	Recipient	Grant Amount	Project Description
CA	Alex Padilla (CA);Laphonza Butler (CA)	Doug LaMalfa (CA01)	Biobased Market Development and Access Grant Program	Allotrope Cellulosic Development Company	\$10,000,000	This Rural Development investment will be used to demonstrate the technical feasibility and economic viability of a fuel grade ethanol biorefinery in Cottonwood, CA that uses woody biomass as a feedstock. This grant will help de-risk Allotrope s technology and expand markets for forest thinning materials and agricultural residues, which will also help improve forest management and wildfire prevention activities in California.
NE	Deb Fischer (NE); Pete Ricketts (NE)	Adrian Smith (NE03)	Biobased Market Development and Access Grant Program	Bluestem Biosciences Inc.	\$10,000,000	This Rural Development investment will be used to help offset the costs associated with developing the Integrated Demonstration Unit campaign project for Bluestem Biosciences. The project will help demonstrate the technical feasibility and economic viability of the company's biobased chemical conversion technology in Nebraska.
				Total Grant Amount:	\$20,000,000	