

Partnerships for Climate Smart Commodities Finalized Agreements											
Applicant	Full Web Summary <i>(Note: One asterisk indicates a subrecipient and two asterisks indicates they are providing a match)</i>	Short Agreement Description	Federal Funding	Non-Federal Match	States Covered Under Agreement	Major Commodities Under Agreement	Available Practices	Link to Project Website	Measuring, Monitoring, Reporting and Verification Highlights	Marketing Highlights	Equity Highlights
AgriCapture, Inc.	<p>AgriCapture Climate-Friendly Rice</p> <p>This project will benefit climate-smart farmers in Arkansas, Mississippi, Missouri, Louisiana, Texas, and California while expanding climate-smart rice markets and guaranteeing a supply of climate-smart rice to customers. All farms will be certified under the ACFRS. This project plans direct incentive payment to producers for climate-smart practice implementation and identity preserved storage and potential crop premiums for producers who develop their own processing capabilities and markets. Planned practices include: alternate wetting and drying, furrow irrigated rice, reduced burning of rice stubble, early incorporation of rice stubble into the soil, and various techniques for improving nitrogen fertilizer efficiency. The project plans to follow AgriCapture's Climate-Friendly™ Rice Standard, which uses IPCC equations and DNDC modeling for GHG benefits; representative soil sampling; in-field data collection activities including drone footage, ground level photos and videos, etc.; and use of remote sensing technologies to monitor changes in practices. The project plans to leverage existing marketing and sales employees to develop the buyer market for climate smart rice. The project plans to assist 30 percent underserved or small producers.</p> <p>Lead Partner: AgriCapture, Inc.** Other Major Partners: Univ. of MO*, Cedar Woods Consulting*, Dainty Foods, Chipotle Mexican Grill, Blue Apron, McKaskle Family Farm, Arkansas River Rice Mill, Anheuser-Busch Primary States Expected: AR, CA, LA, MS, MO, TX Major Commodities: Rice Approximate Funding Ceiling: \$7,500,000</p>	The project expands markets for climate-smart rice in AR, CA, LA, MO, MS, and TX and supports farmer implementation and monitoring of climate-smart practices that reduce greenhouse gas emissions or sequester carbon.	\$7,499,978	\$6,836,784	AR, CA, LA, MO, MS, TX	Rice	590 Nutrient Management, 345 Residue and Tillage Management, 449 Irrigation Water Management, AgriCapture Furrow Irrigated Rice, AgriCapture Alternate Wetting and Drying, AgriCapture Pre-season Drainage	Coming Soon	For MMRV, the project plans to follow AgriCapture's Climate-Friendly™ Rice Standard, which uses IPCC equations and DNDC modeling for GHG benefits; representative soil sampling; in-field data collection activities including drone footage, ground level photos and videos, etc.; and use of remote sensing technologies to monitor changes in practices.	The project plans to leverage existing marketing and sales employees to develop the buyer market for climate smart rice.	The project plans to assist 30 percent underserved or small producers.

Iconoclast Industries, LLC	Industrial Hemp for Fiber and Grain	Expands markets for climate-smart hemp in CO, FL, NE, NY, OK, PA, TX, VA & WI and supports farmer implementation and monitoring of climate-smart practices.	\$15,000,000	\$4,976,763	CO, FL, NE, NY, OK, PA, TX, VA, WI	Hemp	328 Conservation Crop Rotation, 329 Residue and Tillage Management – no till, 345 Residue and Tillage Management – reduced till, 340 Cover Crop, 386 Field Border, 484 Mulching, 590 Nutrient Management	Coming Soon	The project aims to develop a fiber hemp crop module for the Cropping System Model of DSSAT to identify climate-smart best management practices with emphasis on long-term carbon sequestration and also work to plan and develop a proof-of-concept for an open-data platform to support the long-term goal of industrial hemp producer participation in carbon markets. The project also plans to provide accounts and train all enrolled producers on a mobile software application to enable easy documentation of Ag Operations – thereby providing both a new technology skillset in the Ag Workforce and providing streamlined, digital reporting to this program.	This project plans to support the Virginia Dept of Ag and Consumer Services in creating a climate-smart designation for industrial hemp and developing a digital platform for the marketing and sale of climate-smart hemp commodities arising from funded activities. In addition, the project plans to create a pilot marketplace, funding research and development into several new, specialty markets for climate-smart hemp.	The project plans to exclusively enroll underserved producers. The underserved producers will benefit with a guaranteed rate, regardless of production, to minimize risk for the producers. They will also benefit from constant creation of training materials, videos, consulting time, equipment usage, and an overall addition to current skillsets that exist to increase their knowledge and expertise in the hemp market.
Iowa Soybean Association	Midwest Climate-Smart Commodity Program	Expands markets for climate-smart corn, soybeans, sugar beets, and wheat in IL, IN, IA, KS, NE, ND, OH, WI, SD, MO, MI & MN and supports farmer implementation and monitoring of climate-smart practices.	\$95,000,000	\$62,138,827	IL, IN, IA, KS, NE, ND, OH, WI, SD, MO, MI, MN	Corn, Soybeans, Sugar Beets, Wheat	329 Residue and Tillage Management No-Till, 345 Residue and Tillage Management Reduced Till, 340 Cover Crop, 590 Nutrient Management, 328 Conservation Crop Rotation, 512 Pasture and Hay Planting	https://www.theoutcomesfund.com/	Monitoring for this project is planned to include remote sensing, field inspections, farmer operational records, field audits, and soil sampling. The Program plans to use an approach developed by the SWOF that accounts for and tracks both nitrous oxide (N2O) emission reductions and soil carbon sequestration separately at the field level.	The project will develop and expand systems for a large-scale corporate inset market, including farmer enrollment, CO2e quantification, inset verification, reporting and inset tracking. The project will also quantify and verify nitrogen and phosphorus runoff reductions using the USDA-supported Nutrient Tracking Tool and pursue additional water quality commitments to increase the total USDA match and extend the number of acres available for enrollment.	The project plans to reserve 20% of contracts for underserved populations supported by dedicated conservation agronomist technical assistance. Additionally, a minority and underserved outreach contractor will develop a custom outreach plan and bilingual materials for Hispanic farmers.

	<p>supported by dedicated conservation agronomist technical assistance.</p> <p>Lead Partner: Iowa Soybean Association Other Major Partners: PepsiCo**, Cargill**, Renewable Energy Group**, Ingredion**, Target**, JBS**, Coca-Cola**, FarmRaise, Rural Community Assistance Partnership, Outcomes* Primary States Expected: IL, IN, IA, KS, NE, ND, OH, WI, SD, MO, MI, MN Major Commodities: Corn, Soybeans, Wheat, Sugar Beets Approximate Funding Ceiling: \$95,000,000</p>										
National Fish and Wildlife Foundation	<p>Farmers for Soil Health Climate-Smart Commodities Partnership</p> <p>This project proposes to accelerate long-term cover crop adoption by creating a platform to incentivize farmers. The platform will quantify, verify, and facilitate the sale of ecosystem benefits, creating a marketplace to generate demand for climate-smart commodities. This project plans to support the implementation of more than 1 million acres of crop crops across 20 states. It also plans to enable corn and soybean commodity groups to achieve greenhouse gas emission reduction goals while supporting their farmer members and advancing more productive and sustainable practices, using remote sensing, satellite imagery and other data science techniques while “ground-truthing” with a statistically significant set of soil samples from participating fields and a marketplace interface powered by an integrated monitoring, reporting and verification platform. The project includes a 20 percent reserve for underserved producers and a survey plan to assist with recruitment.</p> <p>Lead Partner: National Fish & Wildlife Foundation</p> <p>Other Major Partners: Farmers for Soil Health (National Corn Growers Association, the United Soybean Board, and the National Pork Board**), National Center for Appropriate Technology*, National Association of Conservation Districts*, Soil Health Institute*, University of Missouri*, The Sustainability Consortium*, Data Transmission Network*, MBSH Consulting*.</p>	<p>The project expands markets for climate-smart corn and soybeans in the Midwest, Great Lakes, and Chesapeake Bay (IL, IN, IA, KS, KY, MN, MI, MO, NE, OH, SD, TN, ND, NC, MD, DE, NY, WI, PA, and VA) and supports farmer implementation and monitoring of climate-smart practices that reduce greenhouse-gas emissions or sequester carbon.</p>	\$95,000,000	\$2,877,195	IL, IN, IA, KS, KY, MN, MI, MO, NE, OH, SD, TN, ND, NC, MD, DE, NY, WI, PA, VA	Corn, Soybeans	340 Cover Crop	Coming Soon	<p>DTN plans to use remote sensing, satellite imagery and other data science techniques to passively capture and assess much of the sustainability data needed (GHG emissions reduction practices), thereby minimizing the effort/cost that farmers would otherwise incur. Satellite imagery is planned to be “ground-truthed” with a statistically significant set of soil samples from participating fields.</p>	<p>A marketplace interface powered by an integrated monitoring, reporting and verification platform is planned to market climate-smart agricultural commodities to interested parties (i.e., biofuel, food, animal feed, package goods companies etc.). This program plans to enable each commodity group to achieve their industry-wide goals on GHG emission reductions while also supporting their farmer members in advancing more productive and sustainable practices.</p>	<p>The project plans to reserve (until the third and final enrollment period) up to 20% of the total financial assistance to go directly to underserved and small producers. Using DTN’s precision digital marketing, this project will prioritize communication to the 30,650 underserved and small farmers. FSH will adjust communication frequency to ensure participation equity. This data resource may also be used by partner groups, such as NCAT-ATTRA and local conservation staff, to combine with their own knowledge and acquaintance with under-served and small farmers who are interested in soil health and sustainability practices</p>

	<p>Primary States Expected: IL, IN, IA, KS, KY, MN, MI, MO, NE, OH, SD, TN, ND, NC, MD, DE, NY, WI, PA, VA</p> <p>Major Commodities: Corn, Soybeans</p> <p>Approximate Funding Ceiling: \$95,000,000</p>										
National Sorghum Producers Association	<p>National Sorghum Producers Partnerships for Climate-Smart Commodities Project</p> <p>This project will implement climate-smart production practices across hundreds of thousands of acres of sorghum working lands, with the goal of reducing hundreds of millions of pounds of carbon emissions and developing markets for sorghum as a climate-smart commodity. The project plans to have all enrolled producers document their practices and related acreage in an established and proprietary EcoPractices platform, a platform currently used by Nestlé and Danone to track and monitor climate-smart practices implemented by other commodity farmers in select and limited areas of their supply chains. Furthermore, GHG benefits beyond the farmgate plan to be quantified using the Greenhouse Gases, Regulated Emissions, and Energy Use in Technologies (GREET) model. In addition to farm-level monitoring of practices using the EcoPractices platform, the project plans to engage Prairie View A&M University, an HBCU; Texas Tech University, an HSI; Texas A&M University, an HSI; and Kansas State University to execute a technical program aimed at quantifying the value of emissions reductions associated with irrigation water use reduction and nitrate leaching, volatilization and runoff mitigation techniques. The project plans to collaborate with sorghum producers to take advantage of added value, primarily in the California fuel market with climate-smart sorghum being sold to ethanol companies for use in ethanol production, resulting in low carbon fuel credits for fuel purchasers and an incremental</p>	Expands markets for climate-smart sorghum in CO, KS, NE, NM, OK, TX and Tribal areas and supports farmer implementation and monitoring of climate-smart practices.	\$64,999,998.40	\$284,387,971.15	CO, KS, NE, NM, OK, TX, tribal	Sorghum	<p>216 Soil Health Testing, 217 Soil and Source Testing for Nutrient Management, 218 Carbon Sequestration and Greenhouse Gas Mitigation Assessment, 328 Conservation Crop Rotation, 329 Residue and Tillage Management – no till, 330 Contour Farming, 332 Contour Buffer Strips, 333 Amending Soil Properties with Gypsum Products, 334 Controlled Traffic Farming, 340 Cover Crop, 345 Residue and Tillage Management – reduced till, 376 Field Operations Emissions Reduction, 386 Field Border, 393 Filter Strip, 442 Sprinkler System, 442 Irrigation System surface and subsurface, 449 Irrigation Water Management, 590 Nutrient Management, 808 Soil Carbon Amendment, E328A Resource Conserving Crop Rotation</p>	https://sorghumgrowers.com/climatesmart/	<p>The project plans to have all enrolled producers document their practices and related acreage in an established and proprietary EcoPractices platform, a platform currently used by Nestlé and Danone to track and monitor climate-smart practices implemented by other commodity farmers in select and limited areas of their supply chains. Furthermore, GHG benefits beyond the farmgate plan to be quantified using the Greenhouse Gases, Regulated Emissions, and Energy Use in Technologies (GREET) model. In addition to farm-level monitoring of practices using the EcoPractices platform, the project plans to engage Prairie View A&M University, an HBCU; Texas Tech University, an HSI; Texas A&M University, an HSI; and Kansas State University to execute a technical program aimed at quantifying the value of emissions reductions associated with irrigation water use reduction and nitrate leaching, volatilization and runoff mitigation techniques.</p>	<p>The project plans to collaborate with sorghum producers to take advantage of added value, primarily in the California fuel market with climate-smart sorghum being sold to ethanol companies for use in ethanol production, resulting in low carbon fuel credits for fuel purchasers and an incremental market premium for sorghum producers.</p>	<p>The project plans for a minimum percentage of this project's budgeted funds and technical assistance for small and historically underserved sorghum producers/landowners. Partners will conduct outreach to Black, woman, and Native farmers specifically.</p>

	<p>market premium for sorghum producers. The project plans for a minimum percentage of this project's budgeted funds and technical assistance for small and historically underserved sorghum producers/landowners. Partners will conduct outreach to Black, woman, and Native farmers specifically.</p> <p>Lead Partner: National Sorghum Producers Association**</p> <p>Other Major Partners: KS Black Farmers Assoc.; Peoria Tribe of Indians of OK; KS AgriWomen; Women Managing the Farm; CO, KS, NM, OK & TX Sorghum Assocs; United Sorghum Checkoff, Prairie View A&M*, CO State, TX Tech*, TX A&M*, KS State* and OK State Univ.; NM & KS Depts of Agriculture; Field to Market; RIPE; Trust in Food™; Natl. Cotton Council; Amer. Coalit. for Ethanol; KS Water, Pheasants/Quail Forever*; Salk Institute; Danforth Center*; Galvanize Clim. Solut.; Arable*; Argonne Natl Lab; Sust Envir Consult*; ServiTech*,**; Danone; Kashi; Bayer Crop Sci; ADM; Conestoga Energy; KS Ethanol; Pratt, West Plains & Energy; Nu Life Market; CoBank; & High Plains Farm Credit; Northrup.ag*,**, Pinion*, White Energy, Carbon A List*, Sero Ag. Strategies*</p> <p>Primary States Expected: CO, KS, NM, OK, TX, Tribal</p> <p>Major Commodities: Sorghum</p> <p>Approximate Funding Ceiling: \$65,000,000</p>										
Rodale Institute	<p>Quantifying the Potential to Reduce Greenhouse Gas Emissions and Increase Carbon Sequestration by Growing and Marketing Climate-Smart Commodities in the Southern Piedmont</p> <p>Aimed at the southern piedmont vegetable farming community, this proposal will utilize an interdisciplinary system approach including farmer adoption, understanding economic/social barriers, market/consumer buy-in, utilizing technology, and easing the burden on farmers. The results of the project will build climate-smart markets, reduce greenhouse gas (GHG) emissions, increase carbon sequestration, and increase farmer economic opportunities and adoption of climate-smart agriculture. The Project will use COMET-Planner for farmers to evaluate soil GHG emissions and C-sequestration potentials on their farms. The project will also cross-validate Farm2Facts with</p>	Expands markets for climate-smart vegetables in GA, NC, PA, SC and VA and supports farmer implementation and monitoring of climate-smart practices.	\$25,000,000	\$904,276	GA, NC, PA, SC, VA	Vegetables	340 Cover Crops, 329 Residue and Tillage Management no till	Coming Soon	The Project will use COMET-Planner for farmers to evaluate soil GHG emissions and C-sequestration potentials on their farms. The project will also cross-validate Farm2Facts with COMET-Planner to ensure farmers are obtaining the highest level of data.	The project will use farmers markets throughout the Southern Piedmont as vehicles to market climate-smart vegetables, increase consumer and farmer buy-in, track climate-smart commodities from producer to consumer, and learn about ways to influence consumer behavior toward purchasing more climate-smart commodities.	Estimating that each participating farmer will receive cash incentives to implement climate-smart practices across the five years mostly to underserved and disadvantaged Southern Piedmont farmers.

	<p>COMET-Planner to ensure farmers are obtaining the highest level of data. The project will use farmers markets throughout the Southern Piedmont as vehicles to market CS vegetables, increase consumer and farmer buy-in, track CS commodities from producer to consumer, and learn about ways to influence consumer</p> <p>behavior toward purchasing more CS commodities. Estimating that each participating farmer will receive cash incentives to implement climate-smart practices across the five years mostly to underserved and disadvantaged Southern Piedmont farmers.</p> <p>Leading Partner: Rodale Institute</p> <p>Other Major Partners: University of Georgia*, Virginia Association for Biological Farming*, Georgia Organics**, Emory University*, Soil Health Institute*, University of Tennessee**, Clemson University*, North Carolina State University*, University of Wisconsin - Madison**, North Carolina Agricultural and Technical State University*, Carolina Farm Stewardship Association*, Connect Group, LLC*</p> <p>Primary States Expected: GA, NC, PA, SC, VA</p> <p>Major Commodities: Vegetables</p> <p>Approximate Funding Ceiling: \$25,000,000</p>										
South Dakota State University	<p>The Grass is Greener on the Other Side: Developing Climate-Smart Beef and Bison Commodities</p> <p>This project will create market opportunities for beef and bison producers who utilize climate-smart agriculture grazing and land management practices. The project will guide and educate producers on climate-smart practices most suited for their operations, manage large-scale climate-smart data that will be used by producers to improve decision-making, and directly impact market demand for climate-smart beef/bison commodity markets. The project will use COMET for calculating GHG benefits. SmartScore.ai will be used to develop software & warehouse to store data. Yardstick will also be used to measure soil profile organic carbon & bulk density. C-Lock will measure and monitor greenhouse gas emissions from the beef and bison. The project will market climate smart beef & bison meat with a certification of</p>	<p>Expands markets for climate-smart beef & bison in CO, GA, IA, KS, MN, MO, MT, NE, NC, ND, SC, SD, WY, tribes & supports farmers & ranchers with implementation & monitoring of climate-smart practices.</p>	\$80,000,000	\$81,329,688	CO, GA, IA, KS, MN, MO, MT, NE, NC, ND, SC, SD, WY, tribes	Beef, Bison	327 Conservation Cover, 338 Prescribed Burn, 340 Cover Crop, 381 Silvopasture, 390 Riparian Herbaceous Cover, 512 Pasture and Hay Planting, 528 Prescribed Grazing, 550 Range Planting, 645 Upland Wildlife Habitat Management	Coming Soon	<p>The project will use COMET for calculating GHG benefits. SmartScore.ai will be used to develop software & warehouse to store data. Yardstick will also be used to measure soil profile organic carbon & bulk density. C-Lock will measure and monitor greenhouse gas emissions from the beef and bison.</p>	<p>The project will market climate smart beef & bison meat with a certification of how the livestock were grown and fed. The animals will be tracked from birth through finish.</p>	30% of total direct funds in this project will go to historically underserved producers.

	<p>how the livestock were grown and fed. The animals will be tracked from birth through finish. 30.7% of total direct funds in this project will go to historically underserved producers.</p> <p>Lead Partner: South Dakota State University</p> <p>Other Major Partners: South Dakota State extension*, SDSU Center for Excellence for Bison Studies*, National Bison Association**, Agspire*, Tanka fund*, Buffalo Ridge Cattle Company**, Cold Creek Buffalo Company**, Millborn Seeds**, SmartScore.ai**, Yard Stick*, Texas A & M*, C-Lock*</p> <p>Primary States Expected: CO, GA, IA, KS, MN, MO, MT, NE, NC, ND, SC, SD, WY, Tribal Lands</p> <p>Major Commodities: Beef, Bison</p> <p>Approximate Funding Ceiling: \$80,000,000</p>										
The DeLong Co., Inc.	<p>Incentivizing Climate-Smart Growing Practices, Expanding Climate-Smart Markets and Developing Brand Awareness</p> <p>This project will use selected climate-smart agricultural practices to educate, train, incentivize, and measure farming practices that reduce greenhouse gases, as well as brand and develop a market for climate-smart commodities. The project plans to provide small-scale grain and specialty crop growers incentive payment for implementing climate-smart practices like cover crops, residue and nutrient management and windbreaks. DeLong (& 3rd party auditor) plan to verify practice implementation using documentation and select field visits. COMET-Farm or Granular Insights system will be used to estimate GHG benefits. The project plans to create global awareness and consumer preference for CSCs through existing buyer relationships creating CSC labeling for use on consumer goods. Project partners plan to play an active role in education, outreach, and inclusion of small and underserved producers, who will also receive an additional incentive on top of the climate smart practice incentive.</p> <p>Lead Partner: The DeLong Co., Inc.**</p> <p>Other Major Partners: Marquis Energy**, Western New York Energy, Ingredion**, Pioneer Pet, Granular Inc.(a Corteva</p>	The project expands markets for climate-smart grain in IA, IL, IN, KS, MI, MN, NJ, NY, OH, PA, and WI and supports farmer implementation and monitoring of climate-smart practices that reduce greenhouse-gas emissions or sequester carbon.	\$39,995,919	\$1,998,584	IA, IL, IN, KS, MI, MN, NJ, NY, OH, PA, and WI	Corn, Soybeans, Wheat	329 Residue and Tillage Management no till, 340 Cover Crop, 345 Residue and Tillage Management reduced till, 380 Windbreak and Shelterbelt Establishment and Renovation, 590 Nutrient Management	Coming Soon	DeLong (& 3rd party auditor) plan to verify practice implementation using documentation and select field visits. COMET-Farm or Granular Insights system will be used to estimate GHG benefits.	The project plans to create global awareness and consumer preference for CSCs through existing buyer relationships creating CSC labeling for use on consumer goods.	Project partners plan to play an active role in education, outreach, and inclusion of small and underserved producers, who will also receive an additional incentive on top of the climate smart practice incentive.

	<p>Agriscience Company)*,**, Agris (Greenstone)*, Wisconsin Dept. of Agriculture, Rock County Ag Business Council**, Heartland Business Systems, Wisconsin and Southern Railroad, The Artisan Grain Collaborative*, Michael Fields Agricultural Institute*, Practical Farmers of Iowa**,</p> <p>Primary States Expected: IL, IN, IA, KS, MI, MN, NJ, NY, OH, PA, WI</p> <p>Major Commodities: Corn, Soybeans, Wheat</p> <p>Approximate Funding Ceiling: \$40,000,000</p>										
The Meridian Institute	<p>The Partnership to Define Climate-Smart Commodities Impact and Unlock Consumer Demand (TSIP Partnership for Impact and Demand)</p> <p>This project will build climate-smart markets and streamline field data collection and combine sample results with modeling to make impact quantifications accurate and locally specific but also scalable. Targeted farms produce value-added and direct-to-consumer specialty crops as well as the 19 most common row crops in the United States. The Soil Inventory Project (TSIP) will measure, monitor, report, and verify soil carbon sequestration. TSIP and The Meridian Institute will monitor aboveground carbon via the reimbursement process and reliable pre-existing estimates (COMET). TSIP will summarize MMRV work on a yearly basis and share with project partners and the USDA. TSIP will report GHG benefits per farm, per project, per commodity, and per dollar expended basis. The geospatial data layers generated under this proposal will be available for integration into further scalable modeling tools like the COMET planner as a resource for producers interested in implementing CSAF. By defining and delivering specific and market-ready Climate-Smart Commodities impact quantifications, this partnership will catalyze consumer demand for climate-smart row crop commodities, fruits, vegetables, specialty crops, and wine, empowering producers. Over 25% of the funding is planned to go to small/underserved producers. Particular outreach will be conducted to enroll small producers, including first generation immigrant farmers in</p>	Expands climate-smart fruit, vegetable, livestock, row crop, specialty crop markets in CA, IA, IN, MI, MN, MO, NE, NC, ND, NY, OK, OR, SD, WI, WA & supports farmer climate-smart practice implementation & monitoring.	\$19,999,904	\$4,545,702	CA, IA, IN, MI, MN, MO, NE, NC, ND, NY, OK, OR, SD, WI, WA	Grapes, Corn, Soybeans, Wheat, Row Crops, Specialty Crops	345 Residue and Tillage Management reduced till, 340 Cover Crop, 512 Pasture and Hay Planting, 612 Tree and Shrub Establishment, 381 Silvopasture, 380 Windbreak and Shelterbelt Establishment and Renovation, 329 Residue and Tillage Management no till, 590 Nutrient Management, 528 Prescribed Grazing, 484 Mulching, 391 Riparian Forest Buffer	Coming Soon	The Soil Inventory Project (TSIP) will measure, monitor, report, and verify soil carbon sequestration. TSIP and The Meridian Institute will monitor aboveground carbon and use reliable estimates from COMET. TSIP will summarize MMRV work on a yearly basis and share with project partners and the USDA. TSIP will report GHG benefits on a per farm, per project, per commodity, and per dollar expended basis. The geospatial data layers generated under this proposal will be available for integration into further scalable modeling tools like the COMET planner as a resource for producers interested in implementing CSAF.	By defining and delivering specific and market-ready Climate-Smart Commodities impact quantifications, this partnership will catalyze consumer demand for climate-smart row crop commodities, fruits, vegetables, specialty crops, and wine, empowering producers.	Over 25% of the funding is planned to go to small/underserved producers. Particular outreach will be conducted to enroll small producers, including first generation immigrant farmers in New York and BIPOC farmers in North Carolina.

	<p>New York and BIPOC farmers in North Carolina.</p> <p>Lead Partner: The Meridian Institute</p> <p>Other Major Partners: The Soil Inventory Project, Corteva Agriscience, Jackson Family Wines, Cakebread Cellars, A to Z Wineworks, Medlock Ames, Ridge Vineyards, Hunt Country Vineyards, Silver Oak & Twomey Cellars, Spottswoode Estate and Vineyard & Winery, Crimson Wine Group, The Glynwood Center for Regional Food and Farming, Nature4Justice, Vayda</p> <p>Primary States Expected: CA, NY, NC, OR, WA, ND, SD, WI, IN, MI, MN, IA, MO, NE, OK</p> <p>Major Commodities: Grapes, Corn, Soybeans, Wheat, Row Crops, Specialty Crops</p> <p>Approximate Funding Ceiling: \$20,000,000</p>										
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