

**2025 NCR-SARE Farmer Rancher Grant Projects Recommended for Funding**

Project #	Title	Project Coordinator	Primary Grantee	Project State	\$\$ Amt Funded	Cumulative
FNC25-1444	Breeding of Improved Turkey Tail Mushroom Varieties for Market Development and Native Habitat Protection	Matthew Arthur	Boone's Lick Heritage Farm, LLC	MO	\$ 13,520	\$ 13,520
FNC25-1445	Exploring the Use of Gall Mites for Field Bindweed Control in a Small-Scale Diverse Urban Farm Setting	Mark Brannen	Benson Bounty LLC	NE	\$ 4,083	\$ 17,603
FNC25-1446	Revisiting drum silage, Bridging the ensiling gap to small producers with out all the plastic	Jonathan Busse	Homestead Technologies	IN	\$ 10,348	\$ 27,951
FNC25-1447	Direct Seed Sowing Techniques for Agroforestry and Reforestration	Jacob Canyon Robinson	Midwest Center for Regenerative Agriculture at Powell Gardens	MO	\$ 12,550	\$ 40,501
FNC25-1448	Ground to air heat transfer systems to enhance year round high tunnel performance	Jason Epstein	Harmony Creek Homestead, LLC	OH	\$ 14,891	\$ 55,392
FNC25-1449	Evaluating the Efficacy and Sustainability of Hemp Seed Meal as an Alternative Feed Ingredient for Pastured Laying Hens	Ryan Fairbanks	Dancing Crane Farm	MI	\$ 25,477	\$ 80,869
FNC25-1450	Mobile Solutions for Food Safety and Sustainability: Empowering Farmers and Communities in Ypsilanti	Josiah Foster	Growing Hope	MI	\$ 29,539	\$ 110,408
FNC25-1451	Feasibility Study of Implementing Solar Pumps into Gravity Lines for Maple Sap Collection	Rebecca Gentner	Tree Hugger Maple	MI	\$ 8,483	\$ 118,891
FNC25-1452	Managing Temperate Forests For Nut Oil Production	Levi Geyer	Fancy Twig Farm	IA	\$ 14,585	\$ 133,476
FNC25-1453	Cultivating Resilience: Sustainable Outdoor Reishi Mushroom Production for Small Farms	Eric Hanson	Third Great Farm	IL	\$ 14,965	\$ 148,441
FNC25-1454	Intercropping Herbs and Roots: Sustainable Tea Production with Cedar Mulch for Pest Management	Lainey Harvick	Harvick Farms	MO	\$ 10,035	\$ 158,476
FNC25-1456	Urban Harvest STL Apprenticeship+ Mutual Support Network	Damein Duwe	Urban Harvest STL	MO	\$ 29,998	\$ 188,474
FNC25-1457	Determining Forage Quality and Palatability of Tree Fodder for Multiple Grazing Species	Dr. Andrew (Bob) Johnson, Ph.D.	Hillbilly Hippie Farm LLC	MO	\$ 29,847	\$ 218,321
FNC25-1458	Chinese chestnut seedling mycorrhization with porcini	Badger Johnson	Southern Ohio Chestnut Company	OH	\$ 29,929	\$ 248,250
FNC25-1459	Assessing the Effects of Trellising and Compost Tea on Soil Health and Production in High-Tunnel and Orchard Systems at Shalomba Farm	Emily Kalnicky	Shalomba Farm, LLC	WI	\$ 15,000	\$ 263,250
FNC25-1460	Wildlife as an economic partner: Integrating rotational grazing into full season cover crop habitat programs	Jeff Kanger	Morning Sky Acres	NE	\$ 30,000	\$ 293,250
FNC25-1461	Utilizing Distillery Waste as Organic Foliar Fertilizer	Aizza Kerchenfaut	Old Timers Ag	IL	\$ 27,685	\$ 320,935
FNC25-1462	Harvesting Hope: Growing Nonviolent Futures Through Sustainable Willow Farming and Craftsmanship	Lisa King	Knowledge Initiative for NonViolent Growth	MN	\$ 14,975	\$ 335,910

FNC25-1463	Ramps for ecological restoration and expansion of food diversity in a woodland	Mimi Kokoska	Koko Earth Farms, LLC	IN	\$ 29,986	\$ 365,896
FNC25-1464	Using a year around Growing Dome to provide produce to a preschool food program, teach 3-5 year olds about sustainable agriculture and healthy choices	Lynn Kotrba	Harvest Hope Farm	ND	\$ 15,000	\$ 380,896
FNC25-1465	Evaluating the Viability of Farm Meal Kits for Small-Scale Farms	Lance Kraai	New City Neighbors	MI	\$ 14,890	\$ 395,786
FNC25-1466	Refugee Healing Garden	Phimmasone Kym Owens	Refugee Garden Initiatives	MI	\$ 15,000	\$ 410,786
FNC25-1467	Soil and Plant Nutrition and its Affect on Giant Ragweed Growth and Proliferation	Jacob Landis	JL Acres LLC	IL	\$ 11,243	\$ 422,029
FNC25-1468	Establishing Native Prairie and Wildflower Seed as a Practical Cash Crop for Limited Resource and Beginning Farmers	Ben Lardy	Lardy Seed	SD	\$ 13,344	\$ 435,373
FNC25-1469	Stinking fertilizer: Fish hydrolysate from invasive carp with and without Johnson-Su compost extract on row crops in southern Indiana	Matthew Lorenz	Groves Farm	IN	\$ 29,604	\$ 464,977
FNC25-1470	Bridging Breeds; Enhancing Carniolan Bees with Varroa Sensitive Hygiene Traits via Instrumental Insemination	Megan Mahoney	MaHoney Bees and Queens LLC	ND	\$ 30,000	\$ 494,977
FNC25-1471	Heritage chickens in pasture-based systems: Leveraging terminal crosses for genetic conservation, animal welfare, and enhanced profitabilit	Dr. Molly McCue, DVM, MS, PhD	Resilient Land and Livestock	MN	\$ 15,000	\$ 509,977
FNC25-1472	Using Drones to Manage Orchards	Gretchen Merryweather	Sweetland Orchard	MN	\$ 15,000	\$ 524,977
FNC25-1473	Frog Tree Farm's Growing Roots Ag Initiative	Peace Mitchell	Frog Tree Farm	MN	\$ 15,000	\$ 539,977
FNC25-1474	Small Farm Wellness Handbook for Community Organizations	Kristine Moore	Wellness education center	MO	\$ 12,645	\$ 552,622
FNC25-1475	Autonomous UV Light Treatment Robotic System to Suppress Funguses in a Vineyard	Jerome Natzel	IFM Brands	MN	\$ 30,000	\$ 582,622
FNC25-1476	Measuring the Impact of Marketing & Social Technology in Driving Support for Small-Scale Farms in Suburban Areas	Mason Prescott	Grace Place Farm & Gardens	SD	\$ 29,840	\$ 612,462
FNC25-1478	Indiana Commercial Mushroom Growers Association Formation	Mary Roger Winstead	Beautiful Edibles	IN	\$ 5,121	\$ 617,583
FNC25-1479	Cooperatively Owned Soil Steamer on Urban Farms	Brittney Rooney	Beaverland Farms LLC	MI	\$ 27,914	\$ 645,497
FNC25-1480	Rolling into a Greener Yield: Maximizing Success Through Soil Health and Mechanical Weed Control	Bailey Scott	Sun Sprout Farm	MN	\$ 15,000	\$ 660,497
FNC25-1481	Developing a process for off-grid yellow perch fingerling production to increase production at two commercial yellow perch fingerling farms	Peter Shep	Mulberry Aquaponics LLC	WI	\$ 29,885	\$ 690,382

FNC25-1482	"Cultivating Careers: Developing Urban Agriculture Pathways for Sustainable Workforce Development"	Amber Smith	Farms by Amber	MO	\$ 15,000	\$ 705,382
FNC25-1483	Evaluation of Kazakh dandelions, a novel root crop and latex source, as a source of pentadecanoic acid, a recently identified essential fatty acid	Dr. Walton Sumner, II	Sumner's Farm, LLC	MO	\$ 14,992	\$ 720,374
FNC25-1484	USA Duck Team Scattered-Site Hatchery	Corinna West	USA Duck Team	KS	\$ 30,000	\$ 750,374