

## 2023 Farm Innovation Grant Awardees

Applicant	Project Title	Amount Awarded
Michigan State University - Fruit Tree Resilience Against Labor & Climate Challenges	Growing Fruit Trees in Digital Environments to Improve Resilience Against Labor & Climate Challenges	\$253,000
Michigan State University - Electric Tractor in Vegetable Production	An Autonomous Electric Tractor-based System for Precision Vegetable Crop Production	\$225,000
Michigan Technological University	Improving climate resiliency & economic return of Michigan's labor-intensive produce using low-cost, modular robotic fleets	\$423,300
Michigan State University - Tree Stress in Orchards	Mitigating & masking climate-induced tree stress to reduce damage by ambrosia beetles in apple orchards	\$263,000
Michigan State University - Disease Management	Improving disease management in carrot & asparagus production through climate-smart technology	\$231,700
Kalamazoo Valley Community College	Developing a framework for applied research and demonstration of climate-smart agriculture and horticulture practices	\$296,500
Centrepolis Accelerator (Lawrence Technological University)	Apple & Christmas Tree Supply Resiliency: Alternative Disease-Free Young Plant Propagation Method	\$447,000
Michigan State University - Regen Ag Practices	Measuring & Modeling the Benefits of Regenerative Agricultural Practices in Three Agroecosystems in Michigan	\$322,499