

## SCGBP Previously Funded Projects

### Summary of Projects Funded in 2022

7 Projects for a total of \$563,843.46; awarded projects ranged from \$19,000 - \$92,000.

- Protecting NM Chile and Tomato Crops from Disease while Generating Electricity through Agrivoltaics
- Genetic dissection of Phytophthora capsica resistance in chile pepper using epigenomic and transcript approaches
- Jujube cultivar selection through open pollination progenies
- Selecting adapted cultivars of lavender for northern New Mexico
- Phase 2: Expanding Statewide Value Chain Coordination to Grow Specialty Crop Sales and Related Infrastructure
- Nursery and Greenhouse Training/Continuing Education and Plant Guide for New Mexico
- Training, Testing and Technical Support for Improved Safety and Quality of New Mexico Chile Products

### Summary of Projects Funded in 2021 (Farm Bill funds only)

8 Projects for a total of \$549,299.65; awarded projects ranged from \$22,000 - \$113,000.

- Reducing Costs & Improving Environmental Safety of Onion Herbicide Programs
- Creating Listeria Control Specialists in NM Packinghouses & Processing Plants
- Shaping the NM pecan root-soil microbiome to improve orchard health & productivity
- Growing Community Now SC Carrot Growers' Training Prog for Young & Beg Farmers
- Enhance the Competitiveness of SC—NM K-12 Educators & Students
- Educational Workshops Featuring NM Green Chile
- Eval Retail Mktg Tools/Stimuli to Improve Health, Food Selection, Reduce Food Insecurity & Improve Affordability
- Growing Forward Farm- growing SC ag-tivities through training and ed opportunities in NW NM

### Summary of Projects Funded in 2020

9 Projects for a total of \$583,851; awarded projects ranged from \$22,000 - \$111,000.

- Enhancing the Visibility and Success of New Mexico-Grown Specialty Cut Flowers; New Mexico Flower Cooperative.
- Increase Hop productivity in New Mexico; New Mexico Hops Growers Association.
- VetCorps Veteran Farmers Beekeeping and Extended Season Crops Program; Not Forgotten Outreach, Inc.
- Culinary – Food and Beverage Industry Access and Awareness; New Mexico Department of Agriculture Marketing Division.
- Mitigation of alternate bearing of New Mexico Pecan Trees: Pollination and fertilization of pecans; Dr. Jennifer Randall & Dr. Richard Heerema; New Mexico State University.
- Characterization, genotyping and uses of jujube cultivars/germplasm in New Mexico; Dr. Shengrui Yao; New Mexico State University Sustainable Agriculture Science Center at Alcalde.

- The Specialty-Cut Flower Economy in New Mexico: Opportunities and Challenges; Nick Olson; Regents of the University of New Mexico.
- Evaluation of a Bacterial Surrogate for *Salmonella* Inactivation during Red Chile Drying; Dr. Willis Fedio; New Mexico State University, Food Safety Laboratory.
- Production of specialty gourmet and medicinal mushrooms using local agricultural and industrial waste products and local forestry stocks; Trifecta Multiponics LLC.

### Summary of Projects Funded in 2019

7 Projects for a total of \$612,172; awarded projects ranged from \$27,000 - \$104,000.

- The Magdalena School District's Specialty Crop Project; Magdalena Municipal School District.
- Increasing Rural Farmers' Specialty Crop Sales and Competitiveness; La Semilla Food Center.
- Field Evaluation and Marketability of 15 Table Grape Varieties for NM; W. Gill Giese; New Mexico State University, Extension Plant Science.
- NM Hard Cider Production & Promotion; Bluefly Farms, LLC.
- Northwest NM New Farmer Network; Bonnie Hopkins & Dr. Kevin Lombard; New Mexico State University, Cooperative Extension.
- NM Garlic Marketing & Advertising Initiative; Rio Grande Artisanal Garlic Association.
- Molecular Methods for Pathogen Detection in Chile Products and Chile Processing Facility Environmental Samples; Willis Fedio; New Mexico State University Food Safety Laboratory.