

AGRICULTURAL GROWTH, RESEARCH, AND INNOVATION

FISCAL YEAR 2022 LEGISLATIVE REPORT



Photo courtesy of Cannon Valley Graziers and Liam James Doyle.



Agricultural Marketing and
Development Division

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AGRICULTURAL
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Photo courtesy of Foley Public Schools.



Photo courtesy of Benton County Fair.

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EXECUTIVE SUMMARY



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The Agricultural Growth, Research, and Innovation (AGRI) Program, established at the Minnesota Department of Agriculture (MDA) by MINN. STAT. 41A.12, advances Minnesota’s agricultural and renewable energy industries. In Fiscal Year 2022 (FY22), the tenth year of the program, the MDA awarded just over \$15.8 million to farmers, agricultural businesses, and schools through:

- Beginning Farmer Farm Business Management Scholarships
- Biofuels Infrastructure Financial Assistance Grants
- Bioincentive Programs
- County Fair Grants
- Crop Research Grants
- Farm to School Grants
- Good Food Access Program (GFAP) Grants
- Livestock Investment Grants
- Meat, Poultry, Egg, and Milk Grants
- New Markets Development Programming
- Sustainable Agriculture Demonstration Grants
- Urban Agriculture Grants
- Value-Added Grants

Highlights from FY22 include:

- Leveraging the Legislature’s \$6 million allocation for biofuels infrastructure with a \$1 million gift from the Minnesota Corn Growers Association (MCGA);
- Offering the first round of Meat, Poultry, Egg, and Milk Grants, an offshoot of the standard Value-Added Grant, to make more targeted investments in livestock processing; and,
- Rekindling the Minnesota Pavilion program for small food and beverage manufactures as large national and international trade events started back up after the height of the COVID-19 pandemic.

In FY23, the AGRI appropriation is \$17.957 million. As of February 1, 2023, we continue to accept applications for County Fair Grants, Good Agricultural Practices (GAP)/Good Handling Practices (GHP) Cost-Share, Value-Added Grants, GFAP Equipment and Physical Improvement Grants, GFAP Technical Assistance Grants, and the Marketing Investment Cost-Share. We are finalizing awards for all other grant programs.

INTRODUCTION

The Minnesota Legislature established the Agricultural Growth, Research, and Innovation (AGRI) Program (MINN. STAT. 41A.12) in 2009 to promote the advancement of the state's agricultural and renewable energy industries. The statute authorizes the Commissioner of Agriculture to issue grants, loans, and other types of financial assistance for activities including, but not limited to, grants to livestock producers under the Livestock Investment Grant Program (MINN. STAT. 17.118); bioenergy awards made by the NextGen Energy Board (MINN. STAT. 41A.105); grants for the installation of biofuel blender pumps; and financial assistance to support other rural economic infrastructure activities.¹

In FY22, the Commissioner implemented the following programs:

- **Beginning Farmer Farm Business Management Scholarships** to support beginning farmers and facilitate intergenerational transfer of farmland.
- **Biofuels Infrastructure Grants** to help retail service stations upgrade their infrastructure to increase access to and sales of motor fuel blends containing at least 15% ethanol.
- **Bioincentive Program Payments** to encourage production of advanced biofuels, renewable chemicals, and biomass thermal energy.
- **County Fair Grants** to help county fairs preserve and promote Minnesota agriculture, and provide public access to the state's agricultural, historical, and cultural heritage.
- **Crop Research Grants** to catalyze research that will improve the quality, quantity, and value of crops grown in Minnesota.
- **Farm to School Grants** to help schools purchase and serve more Minnesota grown and raised products in their school meal programs.
- **GAP/GHP Certification Cost-Share** to increase the number of food safety-certified farms and food processors.²
- **Good Food Access Program** Equipment and Physical Improvement Grants to help grocery stores and small food retailers located in food deserts and low- to moderate-income areas buy equipment and make physical improvements that will increase accessibility to affordable, nutritious, and culturally appropriate foods.
- **Good Food Access Program** Technical Assistance Grants to provide training, education, and other technical assistance to grocery stores, corner stores, farmers' markets, and similar businesses.
- **Livestock Investment Grants** to initiate or expand livestock production and processing.
- **Marketing Investment Cost-Share** to help farm or branded food, beverage, or pet food companies take advantage of growth opportunities through a variety of high-impact marketing activities.
- **Minnesota Pavilions** to offer financial, promotional, and logistical support to small-to-medium sized food and beverage companies who exhibit with the MDA at select business-to-business wholesale trade shows.
- **Sustainable Agriculture Demonstration Grants** to enhance the environmental, economic, and social sustainability of Minnesota farms through farmer-led on-farm research.
- **Urban Agriculture Grants** to stimulate urban youth agricultural education and/or urban agricultural community development.
- **Value-Added Grants** to buy equipment necessary to create, upgrade, or modernize value-added businesses.

BACKGROUND

Funds for the AGRI Program were first made available in FY13 after the state fulfilled its 10-year commitment to support the ethanol industry. In that first year, the Legislature combined \$641,422 in carryover funds from the FY12 ethanol producer payments appropriation with a separate \$2.3 million appropriation (Laws of Minnesota 2011 Ch. 14 sec. 3 subd. 4). The annual AGRI appropriation has gradually grown from \$10.235 million in FY14 to \$16.043 in FY22 and \$17.957 million in FY23.

¹The NextGen Energy statute (MINN. STAT. 41A.105) created the NextGen Energy Board and authorized NextGen grants. It expired on June 30, 2015.

²There were no applicants for the GAP/GHP Certification Cost-Share program in FY22, so details are not included in the body of this report.

Beginning Farmer Farm Business Management Scholarship

Farm Business Management (FBM) helps farm operators learn profitable business management strategies. The program teaches farmers how to use their own farm records to make sound business decisions. Instruction is offered by Minnesota State Colleges and Universities campuses statewide. Instructors meet with students one-on-one and/or in small group settings.

The program defines a beginning farmer as a person who has owned or operated a farm or ranch, wholly or in partnership with others, for 10 years or fewer. As owner/operator, a person must have a financial interest in the farm, must participate in making some or all management decisions, and must participate in the operation of the farm on a regular basis. The FBM Beginning Farmer Scholarship Program pays 50% of the cost for beginning farmers to enroll in up to ten credits of FBM education per year until the student earns 40 credits.

In FY22, we awarded \$425,000 to the schools' foundations for scholarships, primarily during the 2021-2022 school year. These funds helped 637 students afford FBM participation. During FY23, we've allotted an additional \$450,000 for scholarships.

I am a beginning farmer of three years, and I have been receiving the MDA Beginning Farmer Scholarship. This scholarship is crucial to the success and profitability of my farm as it continues to grow year after year. In addition to the financial support this scholarship provides, I am granted access to individuals with a vast knowledge in all areas of Farm Business Management. As a young female farmer, I feel comfortable reaching out to my instructor to ask questions and for guidance in all financial areas of my farm. It is reassuring to know this program is available to help myself and others succeed.

Ali, Glenwood

I am an Urban Farm Business Management (UFBM) student enrolled in the Central Lakes College, Staples, MN. The beginning farmers scholarship is very helpful for me as I can study farm business management. Culturally I was a farmer in my home country in Nepal and thinking for a long time how to engage in the agricultural work in the USA. This scholarship fulfilled my inner interest to work and study about the farm business. Look forward to getting such support in future so I can complete the required courses and that enable me to become a successful farm business entrepreneur.

Janak, Columbia Heights

I started farming five years ago now. I used this scholarship program from the MDA because my FBM instructor said I would qualify. I was thinking about not renewing the FBM enrollment, since it cost me almost \$1,800 per year and I only ran 60 acres at the time – which is very expensive to spread over that small of a farm. With using the scholarship for 4 years, it cut my costs in the FBM instruction in half, kept me in the program and helped me see the value in this program when my father retired this past year and now I am running a much larger farm. Thank you for the opportunity to stay in the program and also kept it affordable for a new farmer!

Caleb, Waseca

Biofuels Infrastructure Grant

The Minnesota Legislature established the AGRI Biofuels Infrastructure Grant Program during the 2021 session. The program invests in equipment certified as compatible with E25 or higher blends to increase consumer access to and sales of motor fuel blends that contain more than 10% ethanol. The program makes grants to fueling stations for replacement or installation of new fuel pumps, fuel storage tanks, and other equipment needed to dispense higher ethanol blend biofuels. This program supports the biofuel replacement goals established under the Petroleum Replacement Promotion statute (MINN. STAT. 239.7911).

Grants are awarded competitively based on recommendations made by a panel of MDA and external reviewers who have experience in the biofuels industry. Grant awards cover 65% of qualifying expenses, up to a maximum of \$199,000 per project. To be eligible for grant funding, a fueling station must be located in Minnesota and have no more than 10 retail locations.

In early 2022, the MDA issued a single Request for Proposals (RFP) for \$2.805 million of FY22 and FY23 funds and \$1 million from the Minnesota Corn Growers Association (MCGA), for a total of \$6.6 million. The MDA received 71 applications requesting nearly \$10.5 million. Grant awards totaled \$6.48 million for 44 projects, with grants ranging from \$83,000 to \$199,000.

Evaluation criteria prioritized grants to businesses owned by women, members of the Black, Indigenous, and People of Color (BIPOC) community, and veterans, as well as projects that serve communities of color, Native American Tribal

communities, socio-economically disadvantaged communities, and communities where access to biofuels is limited. Among the 44 stations awarded funds, 14 are owned by women, nine are BIPOC-owned, and eight serve tribal communities.

A list of awardees and a map of their locations are available in Appendix A.

The 44 funded projects will be completed during the three-year grant period; all the new and upgraded equipment will be operational by the summer of 2025. This \$5.61 million investment of state funds leveraged almost \$7.8 million in private investment, including the contribution from MCGA and nearly \$7 million in grantee matching funds. These investments will increase the access and sales of motor fuel blends containing at least 15% ethanol, and all equipment purchased with this grant will be capable for being certified to handle at least E25. Grantees estimate that by 2024, the infrastructure funded by this grant program will result in annual sales of:

- 23,592,799 gallons of E15
- 800,530 gallons of E30
- 365,730 gallons of E50
- 2,589,600 gallons of E85

Because we issued an RFP to award both FY22 and FY23 funds in early 2022, we will not be awarding additional grants in Spring 2023.

Bioincentive Program

This program issues payments to eligible entities that produce advanced biofuels, renewable chemicals, biomass thermal energy, and wood siding. MINN. STAT. 41A.15–41A.20 describe eligibility, requirements, payment amounts and limits, and program requirements. The FY22-23 budget rider appropriated \$4.5 million each year for this program.

In FY22, 10 producers received payments totaling \$4.406 million. Payments were apportioned as follows:

- Advanced Biofuels: \$1,458,565
- Renewable Chemicals: \$2,550,498
- Biomass Thermal Energy Production: \$397,185
- Siding: \$0

Several companies received less than the amount for which they qualified because the \$4.5 million appropriation was quickly exhausted by claims made in Quarters 1 and 2. In Quarter 3, claims exceeded available funds by \$1,725,821, and in Quarter 4 by \$1,701,474.

Total unpaid claims for FY22 amounted to \$3,427,295.

In FY23, \$5.75 million is available for the program. We anticipate that funding will again be fully used by the end of Quarter 2. More detailed information about this program is available in the separate *Bioincentive Program Legislative Report*.

Grantee Spotlight

Nelson Auto World, Inc. in Minneapolis was one of the first grantees to complete its biofuels infrastructure project. The family-owned business, managed and operated by Dan Nelson and his two sons, received a Biofuels Infrastructure Grant of \$134,476.

The Nelsons matched the grant with more than \$156,000 from other sources. Their project involved replacing four fuel pumps so that customers can pump E15 at any one of the station's four fuel islands. E15 motor fuel, also called Unleaded 88, was previously unavailable at this station. The new equipment went into operation in October 2022, and the option for a higher ethanol blend has been popular with customers. Nelson estimates that E15 represents about one-third of his fuel sales, reflecting the community's desire for a more environmentally-friendly and less expensive fuel.



County Fair Grant

The MDA offers two types of grants for county fairs. The AGRI County Fair Grant is for preservation and promotion of Minnesota's agriculture; the Legacy County Fair Grant is for promoting Minnesota arts and agricultural history.

In FY22, the AGRI County Fair Grant had \$1 million available for Minnesota's 94 county fairs. Each fair was eligible to receive up to \$10,400. In total, we distributed \$921,368 in AGRI funds to 89 county fairs. They used the funding in various ways, such as adding concrete to show arenas, installing shade tarps and fans in the livestock barns, paying food preservation judges, and installing handwashing stations near livestock areas.

The Legacy County Fair Grant Program had \$400,000 available through the Legacy Arts and Cultural Heritage Fund. Fairs could apply for up to \$4,444. They are using these funds for activities such as artist demonstrations, performances by Native American dancers, and photography exhibits.

We expect the totals for county fair grant programs to remain the same for FY23.

Crop Research Grant

Crop Research Grants generate university-level applied research to improve the quality, quantity, or value of crops grown in Minnesota. Awards of up to \$250,000 can fully reimburse grantees for their project costs, with no match required. Projects must provide near-term benefits for Minnesota agriculture and associated industries and must include a robust outreach component to transfer results and technology to farmers. This program differs from other funding sources, such as federal grants, by supporting research that focuses on emerging or chronic crop production issues that are specific to Minnesota. With the goal of developing practical applications from projects in three to seven years, these grants are unique in addressing the immediate research needs of local farmers.

In FY22, we received 20 proposals requesting a total of \$4.2 million. A panel of MDA and external reviewers recommended five projects, which received just over \$1 million in grant funds. Please see Appendix B for information about these grantees. In FY23, we received 22 proposals totaling \$4.5 million; and expect to award \$1 million by February.



Carlton County Fair improved their livestock buildings with paint, steel, doors and panels.

The AGRI Crop Research Grant Program enables us to conduct research and outreach that advances local foods and small farms in Minnesota. This funding helped my team develop a method Minnesota apple orchards can use to eliminate insecticide applications – using hail nets over their trees. The project would not have been possible without this grant, because it was large enough to fund a graduate student researcher and provide a stipend to the collaborating farmers.

Annie Klodd, University of Minnesota

Kernza® is a new crop and novel technology that currently straddles basic R&D and private markets. An array of partners is working to get Kernza® onto the landscape so that it can benefit farmers, soil, and water, but there's a lot of risk in growing this novel crop, and producers need solid production research. MDA's Crop Research Grant played a vital role in enabling us to rigorously research processing methods that can open up new markets for Kernza's® ecological and economic opportunities.

Christopher Abbott, Sprout Labs & Perennial Pantry

We used a Crop Research Grant to restart a long-time oat breeding program that had been dormant for more than six years. The research funding helped us develop, evaluate, and implement several important selection methods to improve yield, straw strength, disease resistance, and milling quality, all of which are important in our efforts to make Minnesota-grown oats more desirable to buyers.

Kevin Smith, University of Minnesota

Grantee Spotlight

University of Minnesota Researcher Nancy Ehlke received an AGRI Crop Research Grant to evaluate the potential for integrating climate-smart cover crops into the seed production and cropping systems of Northwest Minnesota. Cover crops provide valuable ecosystem services such as decreased soil erosion, improved soil health, increased soil organic matter, and improved water quality, but the demand for cover crop seed is greater than the current market supply.

This project explores the seed potential, biomass production, and forage quality of various cover crop mixtures using on-farm research trials and methodologies. Growing cover crops for seed in Minnesota can be a challenge due to the limited amount of time between crop harvest and first frost. Dr. Ehlke's team is capitalizing on the seed production infrastructure already in place in Northwest Minnesota, while providing farmers with the environmental and economic benefits of new varieties and combinations of cover crops.



Some of the cover crops that Dr. Ehlke's team is exploring include radishes, turnips, vetch, rye, peas, and brassicas.

Photos courtesy of Nancy Ehlke and University of Minnesota.

Farm to School Grant

This competitive grant program increases the sales of Minnesota agricultural products by making it possible for more schools to buy, store, and serve Minnesota grown and raised ingredients as part of the National School Lunch Program. In the FY22-23 agriculture appropriations budget rider, the Legislature appropriated \$800,000 per annum for Farm to School grants, an increase from \$400,000 per year in the prior biennium. In FY22, applicants could apply for one of two Farm to School grants, each grant tailored toward schools with differing levels of Farm to School experience:

- **First Bite Mini Grants:** were intended for school districts who are new to Farm to School. Schools could apply for up to \$5,000 and did not have to provide matching funds.
- **Full Tray Grants:** were designed for school districts with some prior Farm to School experience. Schools could apply for up to \$35,000, depending on the number of meals served in their school lunch program. A 1:1 cash match was required.

Applicants could also apply for additional funds to purchase kitchen equipment to support their Farm to School initiatives. Schools could apply for up to \$25,000 to cover the cost of equipment, shipping, and installation. A 1:1 cash match was required.

In FY22, we received 68 proposals requesting more than \$1.29 million in both grants and equipment awards. We awarded 46 Farm to School Grants for a total of \$742,450: 26 First Bite grants, 20 Full Tray grants, and 24 equipment awards. Schools are using their First Bite and Full Tray funds to purchase a wide variety of Minnesota grown and raised products. For example, Holdingford Public Schools will buy pork and beef products from former students turned farmers, and Fond du Lac Schools will buy bison, rabbit, pork, wild rice, and produce from Native producers in their area. Many schools are using their equipment grant funds to buy kitchen items that support their Farm to School programs. These include commercial food processors, combi ovens, tilted braising pans, salad bars, blenders, and patty presses. These items are essential to the success of Farm to School because they provide schools with equipment necessary to prepare Minnesota grown and raised products.

The Institute for Agriculture and Trade Policy and University of Minnesota Extension are using a United States Department of Agriculture (USDA) Specialty Crop Block Grant to evaluate this grant program and provide technical assistance to help grantees improve their Farm to School programs. Please see Appendix C for a list of Farm to School recipients and a map of their locations.

In FY23, we have nearly \$4.25 million in AGRI and federal funds available for Farm to School Grants. Through a Local Food for Schools Cooperative Agreement with the USDA and with the support of the Cargill Foundation, we have nearly \$3.5 million of federal funds available to reimburse school districts for purchasing Minnesota grown and raised foods used in school meal programs. School districts were also eligible to apply for \$748,000 in state funds for qualifying equipment purchases. We received 122 proposals requesting over \$6.5 million in both food and equipment funds. We are in the processing of awarding grants to 116 applicants. These include 60 First Bite Mini Grants and 56 Full Tray Grants, totaling nearly \$3.5 million. Of those 116 schools and school districts, 45 are also receiving equipment funds totaling \$771,000.

Good Food Access Program

This program increases availability of and access to affordable, nutritious, and culturally appropriate food, including produce, for underserved communities in low- and moderate-income areas. The GFAP provides financial support and technical assistance to open, renovate, or expand the operations of grocery stores and small food retailers. It also expands access to credit and reduces barriers to investment. MINN. STAT. 17.1017 describes eligibility requirements, program administration, and additional selection criteria. The FY22-23 budget rider allows the Commissioner of Agriculture to use up to \$450,000 each year for this program.

In FY22, a GFAP Advisory Committee recommended that the MDA use up to \$100,000 for Technical Assistance Grants and \$320,750 for Equipment and Physical Improvement Grants. We received two Technical Assistance applications requesting a total of \$79,152. One of these applicants received an award of \$41,557 and the remaining Technical Assistance funds were used to fund Equipment and Physical Improvement applications.



Becker Public Schools incorporated grass-fed beef hot dogs into their menu this past school year. Felicia Kittock, School Nutrition Director said, "Hot dogs could be considered a staple lunch item for school meals, but when you add on that it is grass-fed or produced from cattle just miles down the road it takes a typical menu item and elevates it to the next level. Students are more eager to try this quality product and it's a great communication piece to share with the community."

We received 69 Equipment and Physical Improvement applications requesting approximately \$2.39 million. We funded 19 projects for a total of just under \$380,000. After one applicant declined its award, our final totals for Equipment and Physical Improvement Grants were 18, totaling approximately \$364,140. Equipment and Physical Improvement awards ranged in size from \$10,000 to \$32,500. Grantees used these funds to upgrade and expand existing infrastructure. Common purchases included new coolers, freezers, refrigeration units, and display units.

In FY23, \$420,750 is available for GFAP Equipment and Physical Improvement Grants and Technical Assistance Grants. Applications will be accepted until mid-March. More detailed information about this program can be found in a separate *Good Food Access Program Legislative Report*.

Livestock Investment Grant

The AGRI Livestock Investment Grant (LIG), MINN.STAT. 17.118, encourages long-term industry development for Minnesota livestock producers by investing in infrastructure and equipment. The program reimburses grantees for 10% of qualifying expenses, with a maximum award of \$25,000 per year.

Grants are awarded competitively based upon recommendations made by a panel of MDA and external reviewers who have experience in the livestock industry. This year, evaluation criteria prioritized new farmers, generational transitions, recovery from natural disasters, farm management plans/programs, accessibility improvements, robotic milking equipment and other technology, improving profitability, and positive environmental impacts.

The MDA offered two rounds of funding and received 259 grant applications requesting a total of \$3.5 million. We awarded \$1.3 million to 77 dairy, beef, pork, sheep, goat, poultry, and diversified livestock producers. Recipients invested \$35 million in private funding, a 27:1 ratio of private to public funds, to enhance livestock operations in the state.



Grantee Spotlight

Creighton Sauer of Lewiston bought his first hog barn in 2021 from his parents. He considers the barn purchase the first step in the generational transition of his family's farm. His Livestock Investment Grant project included two new feed lines, four new feed motors, four bins, and two concrete pads. These improvements were important to increase the longevity of his barn as the previous feed storage bins were losing feed, water lines

were leaking, and the drive motors were worn out and outdated. These renovations also positively impact farm safety and biosecurity by having reliable equipment and not attracting unwanted pests and animals that would be drawn to feed spillage.

"The grant greatly helped me reduce the burden of the cost of the renovations I did to my hog barns. This was very helpful since I am in my senior year of college"



Photos courtesy of Creighton Sauer.

A list of awardees and a map of their locations are available in Appendix D.

Of the grants awarded:

- 100% of recipients said they foresee a positive economic outcome from their investment.
- 81% of awards went to applicants who are either beginning farmers or working toward transitioning the farm to the next generation.
- 94% of recipients are making changes that will improve animal welfare.
- 81% anticipate improvements to the environmental impact of their farm.
- 39% of recipients are responding to a natural disaster or preparing for adverse weather events.
- 56% are planning to add technology, including seven that are installing robotic milk systems, to their farms.

In FY23, we awarded all funds in a single round. We received 141 applications and are in the process of awarding approximately \$1.3 million to 78 grantees.

New Markets Program

The AGRI-New Markets Program helps Minnesota food and beverage companies and farms explore new markets and expand their market reach. The program provides startups and entrepreneurs with business development assistance and resources and focuses on helping them gain a competitive advantage in regional and national markets. Primary program activities include Minnesota Pavilions at trade shows, and a cost-share program that matches company investments in high-impact marketing activities. In FY22, 146 food and beverage companies participated. In total, those entities self-reported a projected \$27.5 million in new sales because of their participation.

Minnesota Pavilions

Minnesota Pavilion events include financial, planning/logistical, and execution support for Minnesota company participation at business-to-business (B2B) trade shows, effectively helping them put their best foot forward to new buyers around the country. The MDA works with event managers to secure best-available booth space at events of interest to our constituents, offering booth space to those Minnesota companies and farms at a reduced cost. After an extended COVID-19 events hiatus, the MDA hosted Minnesota Pavilions at four food and beverage trade show events in FY22. These included the Winter Fancy Food Show (Las Vegas), Natural Products Expo West (Anaheim), National Restaurant Association/American Food Fair Pavilion (Chicago), and the Sweets & Snacks Expo (Chicago). A list of participating

companies and their locations can be found in Appendix E. Overall, the MDA supported 18 booths within Minnesota Pavilions, including 16 companies and farms, with two companies attending two different tradeshows.

Participating companies reported increasing their sales by a cumulative \$14.4 million within the first year. They reported making 600 new sales contacts, including 165 “high-value” contacts, as defined by the participating company, and 46 relationships with distributors. In FY23, the MDA will host Minnesota Pavilions at the same events; we expect interest participation to expand considerably.



Seven Sundays exhibits at Natural Products Expo West 2022

This past year at Expo West, the Sam’s Club cereal buyer came by. Fast forward to today, and we are preparing for our largest order in the history of our company, for Sam’s Club. [...] Many of our best relationships, ideas, people, etc. have come somehow from being present at Expo West.

Hannah Barnstable, Seven Sundays, Minneapolis

Marketing Investment Cost-Share Programs

The MDA incentivizes marketing investment by small food and beverage businesses and farms with our Cost-Share Program. In FY22, the program reimbursed up to \$3,000 of each company's marketing investment. In FY22, two categories of costs were eligible:

- **Wholesale Cost-Share Program:** defrays the cost of attending B2B trade shows (including virtual events and “walk-the-floor mentorships”) and store sampling/product demonstrations (store demos). Store demos drive product trial and sales for both food startups and more advanced companies, by directly introducing products to new customers. Store demo reimbursements included labor and mileage, which is particularly helpful to Greater Minnesota companies that travel to demo in the Twin Cities, and vice versa.
- **E-commerce and Digital Marketing Program:** defrays the cost of e-commerce, email, and digital marketing for Minnesota-based entities that also hold an MDA food license and/or Minnesota Grown license.

Between the two cost-share programs, the MDA's FY22 investments totaled nearly \$250,000, resulting in at least \$500,000 in new marketing activities. Marketing Investment Cost-Share participants and their locations can be found in Appendix E.

Out of 143 FY22 participants, 56% identified as woman-owned and 70% identified with one or more of the following categories: woman, veteran, African American, Asian American/Pacific Islander, Hispanic, or Native American-owned.

We sent evaluation surveys to all Cost-Share Program participants and 63 responded. Extrapolating the survey results for all 143 participants, we can estimate the following impacts:

- Distribution to almost 4,319 new stores;
- More than 194 new distributor relationships;
- \$13.2 million in new sales over 6-12 months.

In FY23, \$340,000 is available for the Cost-Share Program. We continue to operate cost-share programs and will be coordinating Minnesota Pavilions at several trade shows.



It's expensive to run these types of campaigns successfully, so I appreciate these funds.

*Melanie Cihlar
Rolling Forks Vineyards, Glenwood*

Sustainable Agriculture Demonstration Grant

Since 1989, the Sustainable Agriculture (SustAg) Demonstration Grant Program (MINN. STAT. 17.116) has helped farmers, nonprofit groups, agricultural researchers, and educators explore ways to enhance the sustainability of a wide range of farming systems. The program was originally funded through a dedicated biennial appropriation. Funding shifted to the AGRI program in FY13.

The program funds projects that research or demonstrate farm-based agricultural techniques or systems that address energy efficiency, environmental benefit, and/or profitability. Grantees report annually on their progress, and their reports are compiled and published by the MDA in the **Greenbook** so other farmers and researchers can learn from their experiences.

SustAg Grants are competitive; a panel of MDA staff and outside experts – including farmers, agriculture scientists, educators, and marketing specialists – review and score proposals. Projects must span two to three years. The maximum award is \$50,000.

In FY22, we received 18 proposals requesting \$548,224 and funded eight projects for a total of \$241,757. Please see Appendix F for more information about grantees.

For FY23, we received 25 applications totaling a request of just over \$1.2 million. We expect to award \$250,000 later this spring.



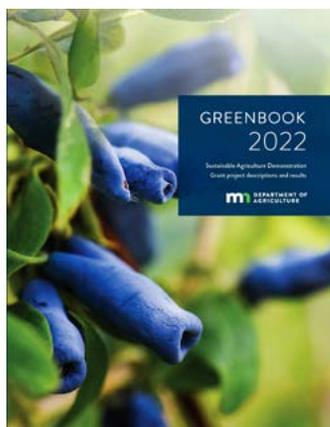
Grantee Spotlight

Arlo Cristofaro-Hark and Josie Trople of Cannon Valley Graziers use their sheep to manage vegetation under solar arrays. This practice of “solar grazing” is becoming popular in Minnesota, especially for maintaining community-scale solar gardens. This practice allows for low-impact vegetation management while sequestering carbon, building soil health and producing an agricultural product. Cannon Valley Graziers are working on developing and testing seed mixes that are cost-effective, easy to establish, and resilient to climate change while meeting the Board of Water and Soil Resources’ Pollinator-Friendly Solar standards for and providing adequate forage for the grazing sheep.

As part of the AGRI Sustainable Agriculture Demonstration Grant, Cannon Valley Graziers will be presenting their findings over the next three years at local field days, state-hosted conferences and with the International Society for Range Management’s Targeted Grazing Committee.



Photos courtesy of Cannon Valley Graziers and Liam James Doyle.



The MDA distributed approximately 650 printed copies of the 2022 Greenbook. More than 650 people visited the MDA’s Greenbook webpage in FY22.

Urban Agriculture Grant

These competitive grants promote youth agricultural education and/or agriculture-connected community development in urban and peri-urban areas throughout Minnesota. For-profit businesses, nonprofit organizations, schools, local government entities, and Native American Tribal communities are eligible to apply for the program. They can use funds to buy equipment, make physical improvements, and pay for staff time to carry out urban agriculture-related programming.

A panel of MDA staff and external reviewers evaluate proposals for long-term sustainability, the applicant's capacity to implement the project, impacts on economic justice and the environment, and commitment to serving communities of color or Native American Tribal communities.

In FY22, we received 53 proposals requesting approximately \$2.34 million. We awarded 14 grants totaling \$551,000. Please see Appendix G for a list of recipients.

For FY23, \$551,000 is available for this program. We received 68 proposals requesting nearly \$2.8 million. We anticipate awarding grants in early March.



Photo courtesy of Nova Classical Academy.

Nova Classical Academy in St. Paul received Urban Agriculture grants in both FY21 and FY22. Their student-led Green Team has been working to incorporate urban agriculture into the school's culture by constructing their own raised garden beds in the school's courtyard, starting seeds with the elementary classrooms, tending the garden spaces over the summer, and sharing their harvest with the community in the fall.

Grantee Spotlight

The American Indian Community Housing Organization (AICHO) received Urban Agriculture grants in both FY21 and FY22. The funds have helped them continue their Giinawind Giginitaawigi'gomin (Together We Grow) Program, which introduces urban Native American and BIPOC youth in Duluth to new agriculture knowledge and skills. This past summer, the kids visited several Indigenous-owned food farms, helped plant trees with Dream of Wild Health, and learned about the traditional healing plants and medicines growing in the city of Duluth. The Giinawiind Giginitaawigi'gomin program coordinator said, "The knowledge about food sovereignty and Indigenous foods are an important part of being an Indigenous person and creates strong core values and a strong spirit." Along with the field trips, AICHO youth also learned how to grow their own food and create value-added products to sell at farmers' markets during the summer. They also develop entrepreneurial and communication skills they will need as they get older.

Value-Added and Meat, Poultry, Egg, and Milk Processing Grants

The AGRI Value-Added and Meat, Poultry, Egg, and Milk Grants help value-added and livestock processing businesses invest in equipment and related physical improvements to increase sales of products produced with Minnesota grown ingredients.

Meat, Poultry, Egg, and Milk Grant

The Meat, Poultry, Egg, and Milk Grant was new in FY22, an offshoot of the Value-Added Grant that was specifically targeted toward livestock processors. Applications were accepted in Fall 2021 for the \$750,000 that was allocated by the Legislature for these grants. These applicants were also eligible for the Value-Added Grant that was offered in Spring 2022.

The grant prioritized projects that would create additional meat or poultry slaughter capacity as well as projects that would increase access to kosher or halal markets. Awards covered 50% of the total project cost for the first \$50,000, and 25% of remaining costs, with a maximum award of \$150,000.

We received 64 proposals requesting \$3.2 million. Applicants included three milk processors, three egg processors, 45 processors that slaughter livestock or poultry, and 54 businesses that do further processing of meat or poultry.

As a whole, 15 grantees were awarded a total of \$709,235. These projects were matched by non-state investments of \$3 million, resulting in a 4:1 ratio of non-state to state funds leveraged to expand and modernize meat/poultry slaughter and further processing facilities. A list of awardees and a map of their locations are available in Appendix H.

Grantees reported increasing their beef slaughter from 2,391 to 3,571 head per year; hogs from 1,861 to 3,925 per year; chickens from 23,250 to 28,500 per year; sheep/goats from 1,857 to 5,800 per year; and bison from 105 to 160 per year. In addition to increased slaughter capacity, grantees reported increased processing capacity for beef from 1.1 million to 2 million pounds per year; hogs from 155,975 to 346,196 pounds per year; chickens from 56,250 to 83,000 pounds per year; sheep/goats from 12,788 to 55,879 pounds per year; and bison from 4,200 to 12,600 pounds per year.

Meat, Poultry, Egg, and Milk Processing Grant applicants who were only partially funded or were not funded received reviewer feedback, and their proposals were automatically considered for the AGRI Value-Added Grant offered in Spring 2022. They also had the opportunity to update their proposals and incorporate reviewer feedback for the Value-Added Grant if they chose.

In FY23, we received 54 proposals requesting approximately \$3.1 million for equipment to facilitate the start-up, modernization, or expansion of meat, poultry, egg, and milk processing businesses. We awarded 26 grants totaling \$1.4 million.

Value-Added Grant

The Value-Added Grant program offers funding for equipment purchases and related physical improvements to improve the capacity of the businesses to process Minnesota grown/raised products. Priority was given to projects addressing food safety and principles of diversity, equity, and inclusion. Awards covered up to 25% of expenditures, with a maximum award of \$150,000.

The FY22 Value-Added Grant round considered 137 applications, including those that were carried over from the Meat, Poultry, Egg, and Milk Grant, requesting a total of \$5.2 million.

Twenty-two Value-Added projects were awarded a total of \$1 million. These projects were matched by non-state investments of \$6.3 million, resulting in a 6:1 ratio of non-state to state funds leveraged to expand and modernize value-added businesses that use Minnesota grown agricultural products. Thirteen of the projects totaling \$534,266 focused on livestock processing. A list of awardees and a map of their locations are available in Appendix I.

In FY23, we have \$1 million available for this program. Applications are being accepted until mid-March.

APPENDIX A

Biofuels Infrastructure Grant Recipients

| LEGISLATIVE DISTRICT | COUNTY | BUSINESS NAME | CITY |
|----------------------|---------------|---|------------------|
| 02A | Beltrami | DCCM Ventures DBA Pete's Place South | Bemidji |
| 02A | Beltrami | My Store - Solway | Solway |
| 02A | Beltrami | My Store - Waskish | Waskish |
| 02A | Beltrami | Wilton Petroleum | Wilton |
| 02B | Norman | Community Coops of Lake Park Pump 24 C-Store | Mahnomen |
| 02B | Beltrami | My Store - Turtle River | Bemidji |
| 02B | Cass | Winnibigoshish Historical Center Inc. DBA Winnie Store | Bena |
| 02B | Clearwater | My Store - Bagley | Bagley |
| 03A | St. Louis | Y Store-Ledge Liquor Store | Tower |
| 05A | Hubbard | Emmaville Inn | Park Rapids |
| 06A | Cass | My Store - Outing | Outing |
| 07A | Aitkin | Klennert Stores DBA Sunny's | Hill City |
| 07A | St. Louis | My Store - Hibbing | Hibbing |
| 09A | Wilkin | Rothsay Truck Stop & Café | Rothsay |
| 12A | Stevens | Tri County Cooperative Oil Association Cenex - Graceville | Chokio |
| 12B | Stearns | Isaac's North Star | Sauk Centre |
| 13A | Stearns | Paynesville Farmers Union Coop Oil Co. Cenex | Paynesville |
| 15A | Lyon | Ag Plus Cooperative C-Store | Marshall |
| 15A | Lac qui Parle | Lac Qui Parle Coop Oil Company Dawson Station | Dawson |
| 15B | Brown | Farmward Cooperative-Springfield | Springfield |
| 15B | Redwood | Farmward Cooperative Cenex - Morgan | Morgan |
| 16A | Chippewa | Sunshine & Whiskey Filling Station | Watson |
| 16A | Meeker | Jack's of Watkins | Watkins |
| 21A | Murray | Chandler Cooperative Slayton Cenex Cardtrol | Chandler |
| 23A | Faribault | NuWay K&H Cooperative | Elmore |
| 30B | Sherburne | Alan Arnold Corporation DBA Ralphie's Minnoco | Elk River |
| 32B | Anoka | Awad Company - Olson's Marathon | Circle Pines |
| 39B | Anoka | Jeff's Bobby & Steve's Auto World | Columbia Heights |
| 42B | Hennepin | Pick N Save Food & Fuel Express | Plymouth |
| 49B | Hennepin | Bobby & Steve's Auto World Eden Prairie | Eden Prairie |
| 50A | Hennepin | Bobby & Steve's Auto World France | Bloomington |
| 50B | Hennepin | Bobby & Steve's Auto World West Bloomington | Bloomington |
| 55B | Dakota | Super Gas USA | Burnsville |

Biofuels Infrastructure Grant Recipients

| LEGISLATIVE DISTRICT | COUNTY | BUSINESS NAME | CITY |
|----------------------|----------|--|-------------|
| 55B | Dakota | Twin Cities Auto Repair & Gas DBA Burnsville Auto Repair | Burnsville |
| 58A | Rice | Lonsdale Food & Fuel Marketplace | Lonsdale |
| 59B | Hennepin | Bobby & Steve's Auto World II | Minneapolis |
| 60A | Hennepin | Nelson Auto World - University Service | Minneapolis |
| 61A | Hennepin | Bobby & Steve's Auto World West Minneapolis | Minneapolis |
| 63B | Hennepin | Paul's Bobby & Steve's Auto World DBA Bobby & Steve's Auto World Nicollet | Minneapolis |
| 65B | Ramsey | University One | St. Paul |
| 66A | Ramsey | Snelling One | St. Paul |
| 66B | Ramsey | Maryland Fuel & Auto | St. Paul |
| 66B | Ramsey | L&S Automotive, Inc. DBA Parkway BP | St. Paul |
| 67A | Ramsey | Maryland One Stop Food & Fuel Marketplace | St. Paul |

Crop Research Grant Recipients

| PROJECT TITLE | ORGANIZATION | PRINCIPAL INVESTIGATOR | CROP(S) |
|--|--|---|---|
| Hemp Grain Characterization for Food Applications | Regents of the University of Minnesota | Sarah Swan Ray | Hemp |
| Advancing New Technologies for Fungal Disease Control in Cultivated Wild Rice | Minnesota Cultivated Wild Rice Council | Beth Nelson, Jennifer Kimball, and Deborah A. Samac | Cultivated Wild Rice |
| Seed Production and Ecosystem Services from Climate Smart Cover Crops in Northwest Minnesota | Regents of the University of Minnesota | Nancy Jo Ehlke | Hairy vetch, hybrid rye, winter pea, canola, perennial ryegrass, brassica, and others |
| Supporting New Farmers with Fresh Market Grape Production and Sales in Minnesota | Regents of the University of Minnesota | Matthew Clark | Grapes |
| Biological Control of Soybean Gall Midge, a New Pest of Soybean in Minnesota | Regents of the University of Minnesota | Robert Koch | Soybean: grain-type and vegetable-type |

Farm to School Grant Recipients

| SCHOOL/SCHOOL DISTRICT | COUNTY | TYPE(S) | SUMMARY |
|--|-----------|-----------------------|---|
| Alden Conger Public School | Freeborn | First Bite | Buy local apples for the Great Lakes Apple Crunch and serve at least one Minnesota Thursdays meal per month. |
| Becker Public Schools | Sherburne | Full Tray, Equipment | Incorporate local items into menus and increase the number of times specific items are featured. They will buy wild rice, hot dogs, cheese curds, whole grain buns, and a reach-in freezer. |
| Butterfield-Odin School District | Watonwan | First Bite | Buy local produce and poultry items to serve in their salad bar and on special Farm to School meal days. |
| Caledonia Area Public Schools | Houston | First Bite | Connect with a local dairy farm and apple orchard and invite the farmers to speak to the students. Serve products from those farms as a part of school meals. |
| Cannon Falls Schools | Goodhue | First Bite | Participate in the Great Lakes Apple Crunch and feature a local item on the menu each month. |
| Columbia Heights Public Schools | Anoka | Full Tray, Equipment | Build upon the first year of Farm to School programming, buying turkey roasts, turkey thighs, braised beef, brown rice, honey, and local produce. They will also purchase tilted braising pans so schools can cook different types of local foods in a novel way. |
| Dassel-Cokato Independent Schools | Wright | Full Tray, Equipment | Buy a variety of squash and other fall crops and feature other local items on the salad bar. They will also purchase a double door refrigerator and a combi oven. |
| Delano Public Schools | Wright | First Bite | Buy seasonal produce and herbs to feature on the salad bar and main line. |
| DeLaSalle High School | Hennepin | First Bite, Equipment | Participate in the Great Lakes Apple Crunch and MN Thursdays, host taste tests featuring local items, and buy a soup kettle, vacuum sealer, vegetable steamer, countertop salad bar. |
| Dilworth Glyndon Felton Public Schools | Clay | Full Tray | Buy grass-fed beef and produce from Red River Harvest Co-op. Participate in Minnesota Thursdays and Farm to School Month in October. |
| First Lutheran School | McLeod | First Bite | Buy local beef, pork, eggs, and fruit from a local orchard. Their goal is to serve local items twice a month. |
| Foley Public School | Benton | Full Tray, Equipment | Buy and serve local beef products, yogurt, cottage cheese, apples, sweet corn, and other fruits and vegetables. They will also purchase a combi oven, a tilted braising pan, and a vertical cutter mixer. |
| Fond du Lac Reservation | Carlton | Full Tray, Equipment | Buy and serve bison, rabbit, pork, chicken, wild rice, and local fruits and vegetables from Native food producers. They will also buy and install a double-decker convection oven to support their Farm to School program. |
| Glacial Hills Elementary | Pope | First Bite | Participate in the Great Lakes Apple Crunch and buy local produce, maple syrup, jams, and honey. |

Farm to School Grant Recipients (continued)

| SCHOOL/SCHOOL DISTRICT | COUNTY | TYPE(S) | SUMMARY |
|---|---------------------|-----------------------|--|
| Glenville-Emmons Public Schools | Freeborn | First Bite | Buy seasonal produce from their local farmers' market. They will serve those items one Thursday each month and will participate in the Great Lakes Apple Crunch. |
| Hennepin Schools | Hennepin | First Bite, Equipment | Buy local produce, meat, oats, and honey. They will also purchase a Robot Coupe food processor to help prepare their local items. |
| Holdingford Public Schools | Stearns | Full Tray | Buy and process a hog and steer from former students turned farmers. They will also buy local strawberries and apples, increasing the number of times that local items are featured on the menu. |
| Holy Trinity Catholic School | Dakota | First Bite, Equipment | Buy local produce, meat, and eggs; participate in the Great Lakes Apple Crunch and MN Thursdays; and host taste tests to feature local items. They will also purchase a food well, a steamer, and a gas griddle. |
| Hutchinson Public Schools | McLeod | Full Tray, Equipment | Buy local honey, strawberries, maple syrup, cheese, dry beans, beef, poultry, herbs, and produce. They will also purchase a heated holding and proofing cabinet, a tilting/braising pan, and a combi oven. |
| Immanuel Lutheran School | Sibley | Full Tray | Host an apple taste test in the fall and buy local beef, pork, poultry, and eggs. |
| Lake City Public Schools | Goodhue and Wabasha | Full Tray | Partner with the Wabasha Farmers Market to buy bacon, sausage links, beef hot dogs, apples, asparagus, and cucumbers from local farmers. They will also host taste tests and Meet the Farmer lunches and participate in the Great Lakes Apple Crunch. |
| Litchfield Independent Schools | Meeker | Full Tray, Equipment | Buy local honey, strawberries, maple syrup, cheese, dry beans, beef, poultry, herbs, and produce. They will also purchase a heated holding and proofing cabinet, a tilting/braising pan, and a combi oven. |
| Mesabi East Schools | St. Louis | Full Tray, Equipment | Buy wild rice from the Bois Forte Band of Chippewa, and beef and local produce from Wolf Ridge Environmental Learning Center. They will also purchase a robot coupe, combi oven, salad buffet, immersion blender, reach-in cooler, and heated holding cabinet. |
| Minnesota State Academies | Rice | First Bite, Equipment | Buy local fruits, honey, eggs, meats, and grains to feature on their menu throughout the year. They will also purchase a slicer, dicer, and reach-in freezer. |
| New Millennium Academy | Hennepin | First Bite | Buy products from emerging farmers in order to provide culturally appropriate menu items for their students. |
| New Prague Area Schools | Le Sueur and Scott | Full Tray, Equipment | Revamp their Farm to School program by buying apples from Montgomery Orchard and hot dogs from Thousand Hills, and by partnering with The Good Acre to add other Minnesota items to the menu. Purchase three serving carts that have hot and cold features. |
| New Richland-Hartland-Ellendale-Geneva Public Schools | Waseca | First Bite | Buy local produce, honey, breads, meat, and dairy products. Connect with a local apple orchard and participate in the Great Lakes Apple Crunch. |

APPENDIX C

Farm to School Grant Recipients (continued)

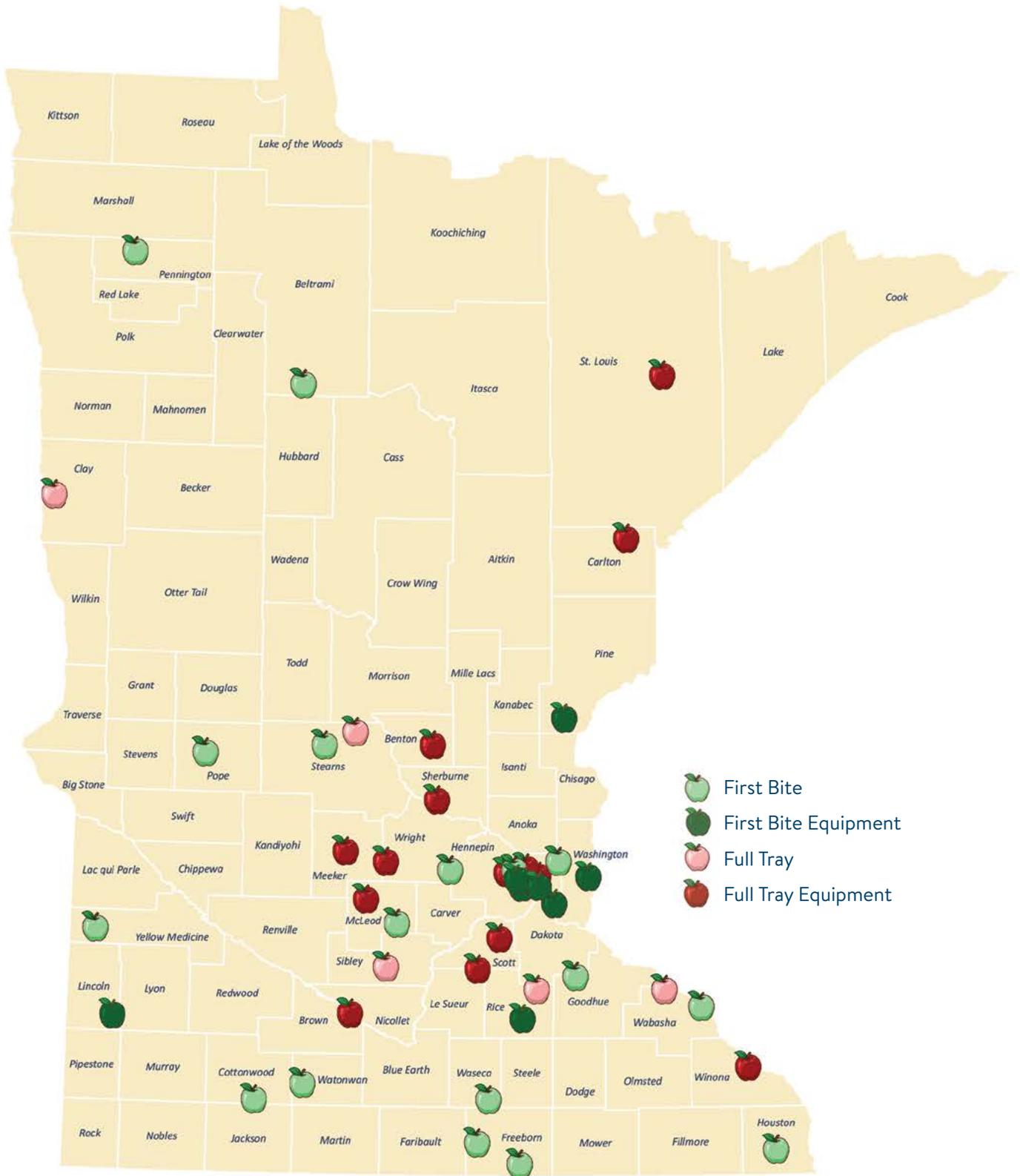
| SCHOOL/SCHOOL DISTRICT | COUNTY | TYPE(S) | SUMMARY |
|--|------------|-----------------------|---|
| New Ulm Area Catholic Schools | Brown | Full Tray, Equipment | Buy bison hot dogs, pasture-raised pork, free-range eggs, watermelon, and other produce from local farmers. Purchase an electric griddle and food blender. |
| Northfield Public Schools | Rice | Full Tray | Buy apples from Fireside Orchard, turkey from Ferndale Farms, and fruits and vegetables from The Good Acre. |
| Northwestern Minnesota Juvenile Center | Beltrami | First Bite | Participate in Farm to School month in October, host Meet a Farmer lunches, and feature Minnesota-grown wild rice on their menu. |
| Pine City Public Schools | Pine | First Bite, Equipment | Start a Farm to School program by buying local fruits, vegetables, and meats and featuring farm names and locations on menus. Purchase a combi oven. |
| Plymouth Christian Youth Center | Hennepin | First Bite, Equipment | Buy a salad bar and add local items to it. Serve local apples as a part of the lunch program. |
| Prior Lake-Savage Area Schools | Scott | Full Tray, Equipment | Buy local products including turkey roasts, sweet corn, Kernza® flour, eggs, whole wheat, honey, and maple syrup. Purchase a double-stack convection oven and a double-stack steamer. |
| Riverway Learning Community | Winona | Full Tray, Equipment | Purchase fresh and frozen vegetables from area farms and Sno Pac Foods. Buy a stainless steel warmer for serving some of these items. |
| Robbinsdale Area Schools | Hennepin | Full Tray, Equipment | Increase the amount of Minnesota-raised protein in main dish items served throughout the district. These include sambusas, BBQ pulled turkey, beef chuck for Korean Beef, grass-fed hot dogs, and turkey patties. Buy and install a combi oven. |
| Roseville Area Schools | Ramsey | Full Tray, Equipment | Buy Minnesota-grown wheat flour and wild rice and continue with MN Thursdays, Harvest of the Month, and the Great Lakes Apple Crunch. Purchase a tilting skillet and steam-jacketed kettle. |
| Russell Tyler Ruthton | Lincoln | First Bite, Equipment | Purchase and serve local beef, pork, honey, and produce. Buy a combi oven to help prepare local items. |
| Sacred Heart School | Stearns | First Bite | Participate in the Great Lakes Apple Crunch and buy local beef, pork, and produce from area farms. |
| St. Anthony-New Brighton Area Schools | Hennepin | Full Tray, Equipment | Expand their Farm to School program and increase local purchases to include local grain procurement. They plan to purchase wheat flour and wild rice and will continue with MN Thursdays, Harvest of the Month, and the Great Lakes Apple Crunch. They also plan to purchase a tilting skillet and steamed jacketed kettle. |
| St. Bernard's Catholic School | Pennington | First Bite | Buy local meat, eggs, cheeses, and produce to incorporate into the school's menu. They will also offer taste tests to introduce new items to the students. |

Farm to School Grant Recipients (continued)

| SCHOOL/SCHOOL DISTRICT | COUNTY | TYPE(S) | SUMMARY |
|-------------------------------|-----------------|-----------------------|--|
| St. Croix Prep Academy | Washington | First Bite, Equipment | Connect with local farmers to buy produce for the salad bar and apples for the Great Lakes Apple Crunch. Purchase a Robot Coupe and sectionizer to prep these local items. |
| St. Peter’s Catholic School | Yellow Medicine | First Bite | Connect with local livestock producers to feature beef, chicken, turkey, and, possibly, sheep and goat meat on their lunch menu. |
| The Journey School | Ramsey | First Bite, Equipment | Buy familiar and culturally appropriate local foods for the school’s menu and salad bar. Purchase a walk-in cooler, prep table, and kitchen tools to prepare these items. |
| Wabasha-Kellogg Public School | Wabasha | First Bite | Buy local beef hot dogs, pork roast, cheese, watermelon, and apples, and invite farmers to the school for a “meet and greet” event with the students. |
| White Bear Lake Area Schools | Ramsey | First Bite | Buy local fruits, chicken, tofu, and wild rice, and offer taste tests and grain bowls to students. Create placards with farm photos and farm locations to show students where the farms are located. |
| Windom Area Schools | Cottonwood | First Bite | Buy local apples for the Great Lakes Apple Crunch and connect with local beef, poultry, pork, and bison producers, featuring these items monthly. |

APPENDIX C

Farm to School Grants by County Fiscal Year 2022



Livestock Investment Grant Recipients

| LEGISLATIVE DISTRICT | COUNTY | NAME | SPECIES |
|----------------------|---------------|---|-----------------------|
| 01A | Marshall | Dale Rupprecht, Sherdale Farms | Dairy |
| 04B | Clay | Brian Kimm | Diversified Livestock |
| 05B | Todd | Chad Hallermann, Eugene Hallermann Farm | Diversified Livestock |
| 05B | Todd | Margaret Zimmer, Zimmer Family Farm | Diversified Livestock |
| 05B | Todd | Mitch Lieser, Lieser Farm | Dairy |
| 09A | Otter Tail | Philip Rotz, Twin Oaks Dairy, LLC | Dairy |
| 09B | Douglas | Landon Craig, Craig Farms | Beef |
| 09B | Douglas | Nathan Lund, Nathan Lund Dairy | Dairy |
| 09B | Otter Tail | Mark Koep | Diversified Livestock |
| 10A | Morrison | Alex Gruber, Alex and Natalie Gruber | Diversified Livestock |
| 10A | Morrison | Cory Hourscht | Dairy |
| 10A | Morrison | David Huber, Hubner Farms LLC | Diversified Livestock |
| 10A | Morrison | Dean Scherping | Beef |
| 10A | Morrison | Eli Waldoch | Diversified Livestock |
| 10A | Todd | Samantha Cofell | Poultry |
| 10B | Benton | Brandon Marshik, Marshik Dairy | Dairy |
| 10B | Morrison | Dean Marshik, Marshik Dairy LLC | Dairy |
| 10B | Morrison | Harvey Schoon | Diversified Livestock |
| 10B | Morrison | Michael Adams, Kaiser Dairy LLC | Dairy |
| 11B | Pine | Mark A Watrin, Watrin Farms Inc. | Dairy |
| 12A | Pope | Whitney Olson, Four Point Livestock | Beef |
| 12A | Stearns | Adam Kalthoff | Diversified Livestock |
| 12A | Stearns | Bobby Welle, Welle Farms | Diversified Livestock |
| 12A | Stearns | Todd Heieie | Dairy |
| 12A | Stearns | Troy Wendlandt, Wendlandt Farms LLC | Beef |
| 12B | Pope | Cory Walker | Diversified Livestock |
| 12B | Stearns | Aaron Klaphake, Klaphake Livestock LLC | Diversified Livestock |
| 12B | Stearns | Lance Hartung, Lance Hartung | Diversified Livestock |
| 13A | Stearns | Kathy Yamry, K & N Farms LLC | Beef |
| 13A | Stearns | Lisa Beumer, Cowgirl Acers | Diversified Livestock |
| 13B | Stearns | James Schumer, Schumer Dairy | Dairy |
| 13B | Stearns | Kevin Young, Arban Farm | Dairy |
| 15A | Lac qui Parle | Robert F. Padula, Robert F. Padula - PM Ranch | Sheep/Goats |

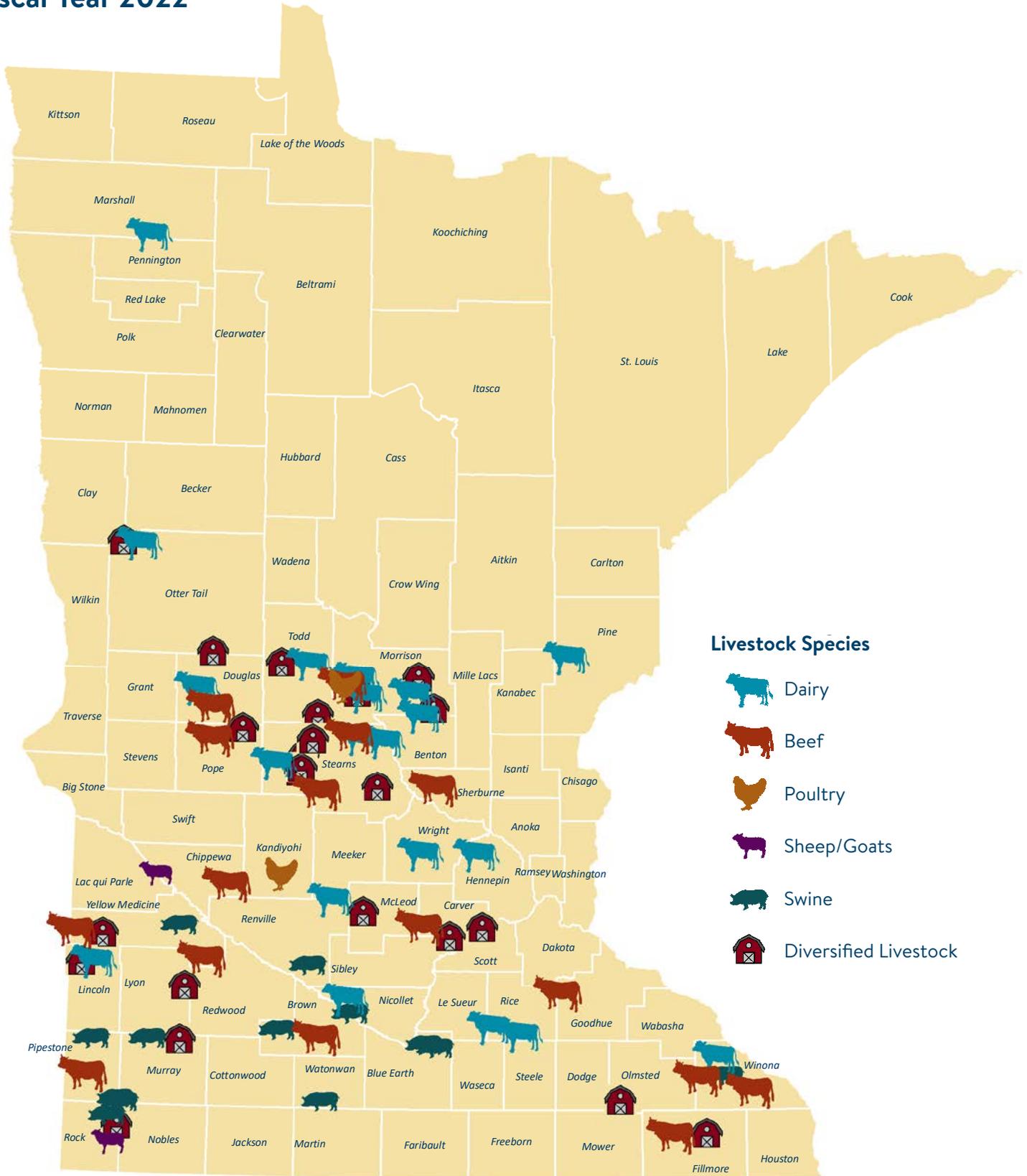
Livestock Investment Grant Recipients (continued)

| LEGISLATIVE DISTRICT | COUNTY | NAME | SPECIES |
|----------------------|-----------------|--|-----------------------|
| 15A | Lyon | Jonathan Tauer, JKT Livestock | Diversified Livestock |
| 15A | Yellow Medicine | Bailey Driessen, Driessen Farms | Diversified Livestock |
| 15A | Yellow Medicine | Luke Stevens, Luke Stevens | Swine |
| 15A | Yellow Medicine | Maverick Fiene, Maverick Fiene | Beef |
| 15A | Yellow Medicine | Paul Tol, Tol Simmentals | Beef |
| 15B | Brown | Brian A. Aschenbrenner | Beef |
| 15B | Brown | John P. Ryan | Swine |
| 15B | Nicollet | Connor Stark | Swine |
| 16A | Chippewa | David J. VanKlombenburg | Beef |
| 16A | Kandiyohi | Jake Vlaminck, Fahlun Farms Inc | Poultry |
| 16A | Renville | Leah M Kurth, KurthKine Holsteins | Dairy |
| 16A | Renville | Thomas Weikle | Swine |
| 17A | McLeod | Paul Wright | Diversified Livestock |
| 17B | Carver | William Schroeder | Beef |
| 18A | Nicollet | Gary Beranek, Beranek Brothers LLP | Dairy |
| 18B | Blue Earth | Robert Roelofs, Triple R Pork LLC | Swine |
| 18B | Blue Earth | Ryan Strobel, Ryan Strobel Farms | Swine |
| 19A | Rice | Ronald Wegner | Dairy |
| 19A | Rice | Wayne Saemrow | Dairy |
| 20B | Winona | Karli Moger, Pine-Vue Farms | Dairy |
| 20B | Winona | Shelby Kaehler | Beef |
| 21A | Lincoln | Mitch Pederson, Pederson Farms | Diversified Livestock |
| 21A | Lincoln | Robert Citterman | Dairy |
| 21A | Murray | Ryan Verlinde | Diversified Livestock |
| 21A | Murray | Travis Schultz, Travis Schultz | Swine |
| 21A | Pipestone | Brian Boomgaarden, Buffalo Ridge Red Angus | Beef |
| 21A | Pipestone | Jerry Wipf | Swine |
| 21A | Pipestone | Marcus Vander Lugt | Swine |
| 21A | Rock | Damon Vander Maten, DVM Farms LLP | Swine |
| 21A | Rock | Luke and Shelby Black | Sheep/Goats |
| 21A | Rock | Sterling & Denise Severtson | Diversified Livestock |
| 21A | Rock | Zach McGuire, McGuire Hog Farm | Swine |
| 21B | Cottonwood | Ryan William Brandts, Ryan Brandts Farms | Swine |

Livestock Investment Grant Recipients (continued)

| LEGISLATIVE DISTRICT | COUNTY | NAME | SPECIES |
|----------------------|-----------|---------------------------------|-----------------------|
| 24A | Olmsted | Edward Twohey | Diversified Livestock |
| 26A | Olmsted | Creighton Sauer | Swine |
| 26A | Winona | Brady Beyer | Beef |
| 26B | Fillmore | Eric Ruen | Diversified Livestock |
| 26B | Fillmore | Erica Earley, Earley Farms | Beef |
| 27A | Sherburne | Anthony Eilers, Eilers Brothers | Beef |
| 29A | Wright | Steve Uter, Merryville Farm | Dairy |
| 37A | Hennepin | Quinci Scherber | Dairy |
| 48A | Carver | Herman Eggers | Diversified Livestock |
| 54A | Le Sueur | Daniel Breeggemann | Diversified Livestock |
| 58B | Goodhue | Karen Koester, GVF Herefords | Beef |

Livestock Investment Grants by County Fiscal Year 2022



New Markets Program Minnesota Pavilion Participants

| LEGISLATIVE DISTRICT | COUNTY | BUSINESS NAME | CITY |
|----------------------|----------|---|-----------------|
| 12B | Douglas | Dutch House Confections | Nelson |
| 18A | Nicollet | Compart Family Farms, Inc. | Nicollet |
| 42B | Hennepin | Maud Borup | Plymouth |
| 43A | Hennepin | Healthy America, LLC DBA The Amazing Chickpea | Minneapolis |
| 46B | Hennepin | JonnyPops | St. Louis Park |
| 49A | Hennepin | All Clean Food LLC | Minnetonka |
| 49A | Hennepin | Maddy & Maize | Eden Prairie |
| 52B | Dakota | Joyce Foods, LLC DBA Toom | Mendota Heights |
| 53A | Dakota | GrIk, LLC | West St. Paul |
| 54A | Scott | Stone Gate Foods / Tater Kegs | Shakopee |
| 61A | Hennepin | Acremade | Minneapolis |
| 61A | Hennepin | Wicked Kitchen Foods Inc | Minneapolis |
| 61B | Hennepin | Dr. In The Kitchen | Minneapolis |
| 62A | Hennepin | Big Watt Beverage Co. | Minneapolis |
| 63B | Hennepin | Seven Sundays | Minneapolis |
| 65B | Ramsey | Captain Ken's Foods, Inc. | St. Paul |

APPENDIX E

New Markets Program Marketing Investment Cost-Share Recipients

| LEGISLATIVE DISTRICT | COUNTY | BUSINESS NAME | CITY |
|----------------------|------------|--------------------------------|--------------|
| 01B | Norman | Chisholm Trail Farm | Gary |
| 01B | Polk | Vertical Malt | Fisher |
| 03A | Lake | Wildly Organic | Silver Bay |
| 03B | St. Louis | Farm Lande, LLC | Duluth |
| 04B | Clay | Doubting Thomas Farms | Moorhead |
| 05B | Todd | New Heritage Feed Co. | Richmond |
| 08A | St. Louis | Saltless Sea Urban Farm | Duluth |
| 08B | St. Louis | Alakef Coffee Roasters | Duluth |
| 08B | St. Louis | Yker Meat Co. | Duluth |
| 09A | Otter Tail | Terroir Chocolate | Fergus Falls |
| 09A | Wilkin | Brüders Butcher - Breckenridge | Breckenridge |
| 09B | Otter Tail | North Circle Seeds | Vergas |
| 10A | Aitkin | Mille Lacs Wild Rice Corp. | Aitkin |
| 10B | Benton | Brown Family Farm, LLC | Oak Park |
| 11B | Kanabec | Nelson Grass Farm | Ogilvie |
| 11B | Pine | Croix River Beef | Hinckley |
| 11B | Pine | Forty Acre Cooperative | Rutledge |
| 11B | Pine | Gray Duck Farms | Pine City |
| 11B | Pine | Medicine Creek Farm | Finlayson |
| 12A | Pope | Rolling Forks Vineyards, LLC | Glenwood |
| 12A | Stearns | Redhead Creamery, LLC | Brooten |
| 12B | Douglas | Dutch House Confections | Nelson |
| 12B | Stearns | Brüders' Butcher - Melrose | Melrose |
| 14B | Stearns | Heavenly Treats, LLC | St. Cloud |
| 15B | Brown | Sweethaven Tonics, LLC | New Ulm |
| 16B | Kandiyohi | Mr. B's Chocolates | Willmar |
| 17A | McLeod | Good Courage Farm, LLC | Hutchinson |
| 17A | McLeod | Grounded Gardens | Silver Lake |
| 17A | Sibley | Woven Meat Co. | Winthrop |
| 18A | Le Sueur | Cedar Crate Farm | Kasota |
| 19A | Dakota | Mighty Fine Coffee Company | Faribault |

APPENDIX E

New Markets Program

Marketing Investment Cost-Share Recipients (continued)

| LEGISLATIVE DISTRICT | COUNTY | BUSINESS NAME | CITY |
|----------------------|------------|------------------------------|---------------|
| 19B | Steele | Curly Girlz Candy, Inc. | Owatonna |
| 20A | Goodhue | Cannon Valley Butchers Block | Red Wing |
| 20A | Goodhue | Ferndale Market | Cannon Falls |
| 20A | Goodhue | Rotational Roots | Cannon Falls |
| 20B | Goodhue | Bridgeview Farms | Zumbrota |
| 20B | Goodhue | The Greensted, LLC | Zumbrota |
| 23A | Freeborn | Blazing Star Gardens, LLC | Clarks Grove |
| 23A | Freeborn | Fellers Ranch, LLC | Conger |
| 23A | Freeborn | Ruble Cattle Company | Albert Lea |
| 23B | Mower | Flavour in a Jar | Dexter |
| 24A | Olmsted | Squash Blossom Farm, LLC | Oronoco |
| 26B | Fillmore | Leafy Legacy Herb Farm | Lanesboro |
| 26B | Fillmore | Wholesome Harvest | Mabel |
| 26B | Houston | Gardner Family Farm | Spring Grove |
| 26B | Houston | Gerdes Fresh Farm, LLC | Caledonia |
| 26B | Houston | Golden Hawk Farms | Mabel |
| 27A | Sherburne | Nordhausen Farms | St. Cloud |
| 28A | Isanti | Ferris Family Farm | Cambridge |
| 28B | Chisago | Clover Bee Farm | Shafer |
| 28B | Chisago | Eichtens Hidden Acres, LLC | Center City |
| 28B | Chisago | Shokolade Haven | Lindstrom |
| 28B | Chisago | Sunrise Flour Mill, Inc. | North Branch |
| 29B | Wright | The Abundant Kitchen, LLC | Buffalo |
| 30A | Wright | Ruter Farm Produce | Hanover |
| 31A | Anoka | Summer Lakes Beverage | Ramsey |
| 33A | Ramsey | Henke Foods, LLC | St. Paul |
| 33B | Washington | Axdahl Farms, Inc. | Stillwater |
| 33B | Washington | Facepunch Foods | Stillwater |
| 33B | Washington | Sailor Mercy | Stillwater |
| 34B | Hennepin | Chef FLO-K Foods | Brooklyn Park |
| 37A | Hennepin | Hamel Maple Syrup Co, Inc. | Hamel |
| 37A | Hennepin | Putting on the Ritts | Maple Plain |
| 37B | Hennepin | Baking It Real, LLC | Maple Grove |

APPENDIX E

New Markets Program

Marketing Investment Cost-Share Recipients (continued)

| LEGISLATIVE DISTRICT | COUNTY | BUSINESS NAME | CITY |
|----------------------|------------|---|---------------|
| 38A | Hennepin | Kathie's Bakery | Brooklyn Park |
| 39B | Hennepin | K-Mama Sauce, LLC | Minneapolis |
| 40A | Ramsey | Riffs Smokehouse | Arden Hills |
| 40A | Ramsey | Tastemakers, LLC DBA Maazah | Arden Hills |
| 40B | Ramsey | Blume Brauhaus, LLC DBA Bent Brewstillery | Roseville |
| 40B | Ramsey | Lovejoy's Bloody Mary Mix Inc. | Roseville |
| 40B | Ramsey | Nordic Waffles, LLC | St. Paul |
| 41A | Washington | The Remedy Gathering, Minnesota Nice Spice & Nice Gifts | Cottage Grove |
| 41A | Washington | Vanilla Bean Project | Lakeland |
| 42A | Hennepin | kakookies | Plymouth |
| 42B | Hennepin | Maud Borup | Plymouth |
| 43A | Hennepin | Chocolate San Jose - Minneapolis | New Hope |
| 43A | Hennepin | Healthy America, LLC | Minneapolis |
| 43B | Hennepin | Envy Brands | Golden Valley |
| 44B | Ramsey | LUV Ice Cream | N. St. Paul |
| 45A | Hennepin | Crooked Water Spirits | Excelsior |
| 45A | Hennepin | Plucky Pickle Dip | Excelsior |
| 45B | Hennepin | Mostly Made | Deephaven |
| 45B | Hennepin | Origin Meals, LLC | Wayzata |
| 45B | Hennepin | TC Farm | Minnetonka |
| 46A | Hennepin | Project Hive Pet Company, LLC | Minneapolis |
| 48A | Carver | Lake Country Libare Distilling, LLC | Waconia |
| 48A | Carver | Schram Winery, LLC | Waconia |
| 48A | Carver | The Salsa Collaborative | Victoria |
| 49A | Hennepin | All Clean Food, LLC | Minnetonka |
| 49A | Hennepin | Enchanted Gardens MN | Minnetonka |
| 49A | Hennepin | Maddy & Maize | Eden Prairie |
| 49A | Hennepin | Mixly Cocktail Co | Minnetonka |
| 49A | Hennepin | Sergeant Shortbread, LLC | Eden Prairie |
| 49B | Hennepin | Caldo Foods | Eden Prairie |
| 50A | Hennepin | Double Take Salsa | Edina |

APPENDIX E

New Markets Program

Marketing Investment Cost-Share Recipients (continued)

| LEGISLATIVE DISTRICT | COUNTY | BUSINESS NAME | CITY |
|----------------------|----------|--|-----------------|
| 50A | Hennepin | Mama Kicks, LLC | Edina |
| 50A | Hennepin | Off The Leash LLC DBA Tail Chaser Dog Brew | Edina |
| 50A | Hennepin | The Twisted Shrub | Edina |
| 50B | Hennepin | Bright Planet Pet, LLC | Bloomington |
| 51A | Hennepin | Coco, Bee & Nut, LLC | Minneapolis |
| 51A | Hennepin | Hellraising Hot Sauce, LLC | Richfield |
| 51A | Hennepin | Social Mixers, LLC | Richfield |
| 52B | Dakota | Joyce Foods, LLC | Mendota Heights |
| 53A | Dakota | GrIk, LLC | West St. Paul |
| 54A | Scott | Stone Gate Foods | Shakopee |
| 55A | Dakota | Let's Dish! | Burnsville |
| 55A | Scott | Oak Valley Creations | Savage |
| 56B | Dakota | Coconut Whisk, LLC | Rosemount |
| 58A | Rice | CannonBelles Cheese | Northfield |
| 58A | Rice | Keepsake Cidery | Dundas |
| 58A | Rice | Little Hill Berry Farm | Northfield |
| 58B | Goodhue | TH Livestock, LLC DBA Churchill Reserve | Cannon Falls |
| 59B | Hennepin | Route To India, LLC | Minneapolis |
| 60A | Hennepin | Good Morgan Foods | Minneapolis |
| 60B | Hennepin | SMACKIN' Sunflower Seeds | Minneapolis |
| 61A | Hennepin | 3 Bear Oats | Minneapolis |
| 61A | Hennepin | Acme Organics, LLC | Minneapolis |
| 61A | Hennepin | FINNEGANS Brew Co. | Minneapolis |
| 61A | Hennepin | Papa George's | Minneapolis |
| 61A | Hennepin | Vikings and Goddesses Pie Company | Minneapolis |
| 61A | Hennepin | Well Rooted Teas | Minneapolis |
| 61B | Hennepin | Gustola Granola | Minneapolis |
| 61B | Hennepin | Humble Nut Butter | Minneapolis |
| 61B | Hennepin | NETZRO, SBC | Minneapolis |
| 61B | Hennepin | Qwiznibet Foods | Minneapolis |
| 62A | Hennepin | Big Watt Beverage | Minneapolis |

New Markets Program

Marketing Investment Cost-Share Recipients (continued)

| LEGISLATIVE DISTRICT | COUNTY | BUSINESS NAME | CITY |
|----------------------|----------|----------------------------------|----------------|
| 62A | Hennepin | Hoyo | Minneapolis |
| 62B | Hennepin | Junita's Jar | Minneapolis |
| 62B | Hennepin | Lost Capital Foods, LLC | Minneapolis |
| 62B | Hennepin | Peace Coffee | Minneapolis |
| 62B | Hennepin | You Betcha Kimchi | Minneapolis |
| 63A | Hennepin | Quebracho, LLC | Minneapolis |
| 63A | Hennepin | University of Fisheries, LLC | Minneapolis |
| 63B | Hennepin | Isadore Nut Company | Minneapolis |
| 63B | Hennepin | Seven Sundays, LLC | Minneapolis |
| 64A | Ramsey | Desserts by Alighieri | St. Paul |
| 64A | Ramsey | Muddle and Mint | St. Paul |
| 64A | Ramsey | Panache, LLC - Apples Just Right | St. Paul |
| 65A | Ramsey | Bolton Bees | St. Paul |
| 65B | Ramsey | Captain Ken's Foods, Inc. | St. Paul |
| 66A | Ramsey | Simpls | St. Paul |
| 66A | Ramsey | Taking Stock Foods, LLC | St. Paul |
| 66A | Ramsey | The Good Acre | Falcon Heights |
| 66A | Ramsey | The Naughty Greek | St. Paul |

Sustainable Agriculture Demonstration Grant Recipients

| LEGISLATIVE DISTRICT | COUNTIES | ORGANIZATION | SUMMARY |
|----------------------|--|---|--|
| 01B | Polk | Regents of the University of Minnesota, Katy Chapman, Lindsay Peace | On-farm trial comparing tillage, herbicide, and fertilizer treatment effects on soil health, weed pressure, and yield in a wheat-soybean rotation. |
| 04A | Clay | Prairie Rose Farm | Trial and produce African eggplant, white sorghum for grain or flour, and sweet sorghum syrup as high value crops, extending their season, and expanding production and markets for these products. |
| 18B | Faribault | Minnesota State University, Mankato | Determine the impacts of corn grown with perennial ground cover alone compared to corn grown with perennial ground cover and poultry on soil health, crop yield, and farm profitability. |
| 19B | Waseca, Brown | Regents of the University of Minnesota, Charles Rohwer | Study clover and clover mixtures to identify treatments best suited to intercropping in pumpkins, evaluating nitrogen fixation and biomass production, competition with pumpkins, and herbicide tolerance. |
| 24B | Olmsted | The Village Agricultural Cooperative | Identify the best tomatillo, bok choy, and Asian greens for cultivation and evaluate pest management strategies that will increase yield and profitability of managu (a leafy nightshade vegetable). |
| 28B | Chisago | Daniel Sheild | Determine the minimum energy input needed to protect peach flower buds throughout the winter inside high tunnels and outdoors. |
| 58A | Dakota, Rice, Steele, Fillmore, Waseca | Cannon Valley Graziers | Develop and test a ground cover seed mix for use under solar arrays that is cost-effective, palatable, and nutritious to sheep while also providing suitable pollinator habitat. |
| 65B | Nicollet, Scott | Great River Greening | Measure changes in soil carbon over three years in four Kernza® fields and one control corn/soy field, and evaluate the return on investment when including carbon payments. |

Urban Agriculture Grant Recipients

| LEGISLATIVE DISTRICT | COUNTY | ORGANIZATION | SUMMARY |
|----------------------|-----------|--|--|
| 02A | Beltrami | Boys and Girls Club of the Bemidji Area | Support the youth urban agriculture program with additional staff time from the garden manager, an assistant garden manager, and a culinary program consultant. Purchase an additional hydroponic growing unit and other essential supplies. |
| 08A | St. Louis | American Indian Community Housing Organization | Continue Giinawiind Giginitaawigi'gomin programming with Indigenous youth in the Duluth community to restore their connections to cultural food practices through gardening, farming, and entrepreneurial skill-building. Youth will attend field trips to area farms, tend urban garden plots, create value-added products, and sell those goods at local farmers' markets. |
| 08A | St. Louis | Family Freedom Center (FFC) | Increase food production and access at FFC's two farm sites in the Lincoln Park and Hillside neighborhoods of Duluth. Funds will help develop garden beds at these sites and support programming costs and wages for a garden manager and a program coordinator. |
| 38B | Hennepin | Brooklyn Center Community Schools | Support our Gathering Gifts from the Garden Project by developing three distinct garden spaces: a giving garden, a pollinator garden, and a community garden. Students, community members, and staff will use these spaces to address urban food security issues, teach agriculture production skills, support service-learning projects, and build a sense of belonging and confidence in outdoor spaces within BIPOC populations. |
| 40B | Ramsey | Hand In Hand Montessori | Teach youth sustainable agricultural practices through development of a productive urban forest. Students will help plant 75 fruit trees, harvest and process maple syrup, and attend workshops relating to tree care, forest regeneration, and tree propagation. Workshops will integrate Indigenous knowledge and practices with botany, ecology, and food science. Maple syrup will be produced in collaboration with Nawayee Center School in Minneapolis. |
| 59B | Hennepin | Appetite For Change | Establish two Urban Agriculture Campus sites in North Minneapolis and transform an existing site into a community garden space. These activities will increase agriculture education opportunities for youth in North Minneapolis. |
| 59B | Hennepin | Minneapolis Public Schools (MPS) | Increase capacity to host students at the MPS Culinary Center Education Farm for hands-on, agricultural education with increased staff time and key physical improvements to the farm. This project involves planting an orchard and medicinal garden, curriculum development, and expanded engagement opportunities for MPS youth. |
| 59B | Hennepin | Northside Residents Redevelopment Council | Train youth as urban farmers at the Demonstration Site for Healthy Urban Living located in North Minneapolis. Kids will learn and teach skills in urban gardening, backyard chicken raising, and the use of rain barrels. They will become community leaders who advocate for and expand small-scale agriculture and sustainability practices throughout the community. |

Urban Agriculture Grant Recipients

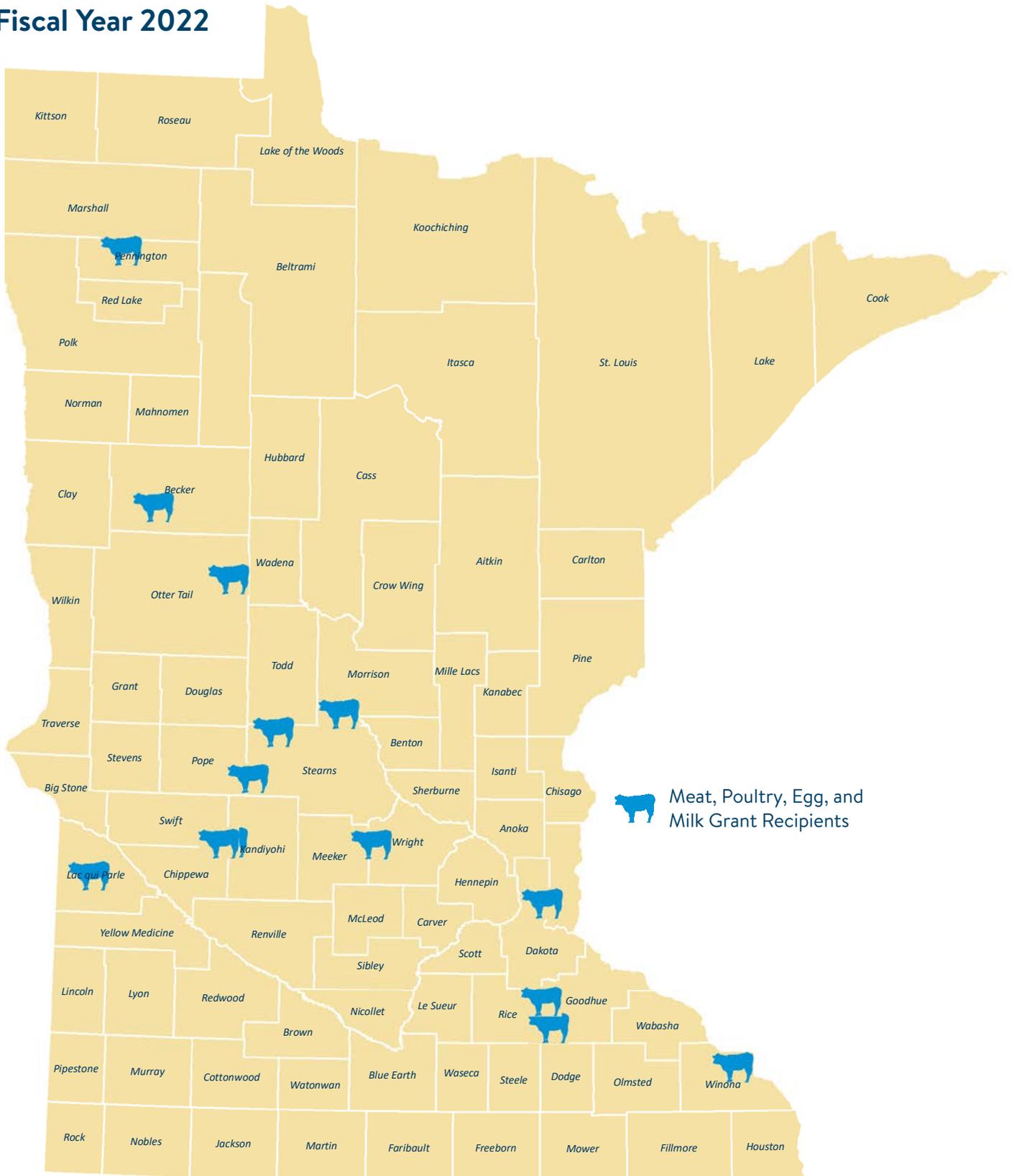
| LEGISLATIVE DISTRICT | COUNTY | ORGANIZATION | SUMMARY |
|----------------------|----------|---|--|
| 61A | Hennepin | YMCA of the Greater Twin Cities | Engage BIPOC students and provide the opportunity to participate in hands-on, immersive agriculture education in their urban setting. Kids will plant heritage seeds and learn about their cultivation from the seed gatherers and other adult scholars from The DIG Lab and All Nation’s Youth in Community Assistance Program (ANYCAP). They will also learn how to use solar energy to power aeroponic growing systems and will explore agriculture methods and high-level “green” careers. |
| 62A | Hennepin | Urban Ventures | Educates urban youth in environmental and horticulture science through hands-on farming and bringing locally grown organic food to a community designated as a food desert. Kids will help run the farm by planting, cultivating, and harvesting food they grow. They will also learn to care for chickens, bees, and hydroponic plants. |
| 62B | Hennepin | Native American Community Development Institute | This project will advance Indigenous food sovereignty, strengthen farmer to consumer enterprises, and reverse health disparities in urban Indian communities via the Four Sisters Urban Farm, which serves as a training ground for farming, food preparation, and distribution. |
| 64B | Ramsey | Nova Classical Academy | Create a drip irrigation system and add bee and pollinator spaces to Nova’s community garden to increase its environmental benefits. These activities will help the Nova community learn the importance of environmental conservation and observe nature’s inner workings up close. |
| 65B | Ramsey | Lower Phalen Creek Project | Create Indigenous Teaching Gardens at Wakáŋ Tipi Center within Bruce Vento Nature Sanctuary in St. Paul. These safe, Dakota-informed teaching gardens will help youth between 5 and 24 years old learn about Dakota traditions for sustenance and how to use medicinal native plants. These young people will learn organic and sustainable urban plant cultivation, foraging, and the importance of restoring and maintaining clean water. |
| 66B | Ramsey | Urban Roots MN | Rebuild the produce wash station at 845 Edgerton Street, and buy and install equipment, materials, and shipping containers in order to increase crop production and youth education activities at Rivoli Bluff Farm & Restoration Site. We will also hire two staff to increase urban agricultural youth and entrepreneurship programming at Rivoli Bluff, resulting in more community food access and more farmers’ market events. |

Meat, Poultry, Egg, and Milk Grant Recipients

| LEGISLATIVE DISTRICT | COUNTY | BUSINESS NAME | SUMMARY |
|----------------------|---------------|------------------------------------|--|
| 01A | Pennington | Northern Pride, Inc. | Buy overwrap tray equipment. |
| 04B | Becker | Lakes Processing, Inc. | Purchase equipment for smoking meat, bacon cutting, and meat wrapping. |
| 09B | Otter Tail | Midwest Meats, LLC | Add a kill floor and purchase production equipment. |
| 10B | Morrison | Elm Dale Creamery and Locker | Buy a meat bulker, patty maker, meat grinder, meat saw, basket dollies, and platter dolly. |
| 12A | Stearns | Jenniges Meat Processing, Inc. | Expand a new facility, buying processing equipment that includes a rail system and smokehouses. |
| 12A | Swift | K&S Poultry | Purchase cooler condensers and large animal processing equipment. |
| 12A | Swift | Kerkhoven Country Butcher | Buy a walk-in freezer, walk-in cooler, and meat saw. |
| 12B | Stearns | Schaefer's Market | Acquire equipment to increase sausage production. |
| 15A | Lac qui Parle | The Country Butcher, LLC | Purchase utensil washer, walk-in cooler, bone saw, and freezer. |
| 19A | Goodhue | Kenyon Meats | Convert freezer room into a dedicated sausage and hamburger room and buy new equipment that allows for faster, less labor-intensive, and safer processing and sterilizing. |
| 26A | Winona | Round Table Meats, LLC | Acquire a meat smoker and a refrigerated trailer. |
| 29A | Wright | French Lake Butcher Shop, Inc. | Purchase an automatic labeler machine, new splitting saw, and freezer to increase capacity. |
| 53B | Dakota | Concord Fresh Meat Processing, Inc | Buy a hydraulic stuffer, shrink tunnel, poly top tables, vertical meat saw, and hog scalding/dehairer. |
| 53B | Dakota | Long Cheng, Inc. | Acquire chicken processing equipment and coolers. |
| 58B | Goodhue | Dennison Meat Locker, LLC | Make physical improvements to kill room, processing room, outside freezer unit, and retail area. |

Meat, Poultry, Egg, and Milk Grants by County

Fiscal Year 2022



Value-Added Grant Recipients

| | COUNTY | BUSINESS NAME | CITY |
|-----|------------|--|---|
| 05A | Hubbard | Back Home Farms | Buy equipment and make physical improvements for processing poultry on site. |
| 09A | Grant | TFC Poultry, LLC | Install a chilled water system to cool plant air and cool the water used in high-pressure deboning machines. |
| 09B | Douglas | Millerville Cooperative Creamery Association | Purchase a butter churn and a refrigerated truck to expand distribution territory. |
| 09B | Otter Tail | Midwest Meats, LLC | Add a kill floor and purchase production equipment. |
| 10B | Benton | Foley Locker, Inc. | Buy sausage equipment to increase production and label products for people with food allergies and sensitivities. |
| 12A | Stearns | North Fork Distillery, LLC | Expand fluid milk processing, double cheese producing capacity, and add North Fork Distillery - the world's first-ever on-farm distillery for cowmilk-whey. |
| 12A | Stevens | Fresha, LLC | Buy equipment to cut, peel, sort, bag, and expand line production capacity of baby cut carrots. |
| 12B | Douglas | Country Blossom Farm, LLC | Purchase apple cider production equipment. |
| 12B | Douglas | Dutch House Confections | Buy a second cooker to double caramel cooking capacity. |
| 16A | Meeker | Carlson Meat Shop | Buy a meat slicer and a meat mixer. |
| 16A | Renville | U.S. 212 Beef Corporation | Purchase Foss MeatMaster II x-ray analysis equipment and conveyor belt equipment. |
| 21B | Nobles | Nystrom Orchard | Buy a cider press. |
| 26B | Fillmore | Civil Sass | Buy post processing cold chain storage unit. |
| 26B | Houston | Gardner Family Farm, LLC | Buy professional processing equipment in order to become an E2 poultry slaughter plant. |
| 26B | Houston | Golden Hawk Farms | Acquire processing facility equipment. |
| 28B | Chisago | 12 Lake Farms, LLC | Purchase equipment to automate pumpkin seed processing. |
| 30B | Sherburne | Clean Chickens and Co. | Buy equipment to process halal goat meat. |
| 39A | Anoka | MinnTofu, LLC | Expand tofu production lines. |
| 45B | Hennepin | TC Farm | Buy warehouse, food processing, manufacturing, and packaging equipment, and refrigerated delivery vans. |
| 50A | Hennepin | Northwest Grains International, LLC | Purchase food grade non-GMO soybean handling system. |
| 58B | Dakota | Brand Farms | Purchase a mechanical egg washer. |
| 64A | Ramsey | Bolton Bees | Buy honey extraction and wax rendering equipment, create temperature-controlled honey storage, and buy a vehicle to transport product. |
| 65A | Ramsey | 3Hmong Sausage | Purchase a sausage linking machine. |

Value-Added Grants by County

Fiscal Year 2022

