

AGRI Sustainable Agriculture Demonstration Grant Program FY2019 Request for Proposals

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Background and Guidelines

Purpose

The Sustainable Agriculture Demonstration Grant (SADG) program is designed to demonstrate and publicize the energy efficiency, environmental benefit, and profitability of sustainable agriculture techniques or systems from production through marketing. Grants fund research or demonstrations on Minnesota farms. Funding is from the [Agricultural Growth, Research, and Innovation Program \(AGRI\)](#). If you have an idea of how to make farming more profitable, resource efficient, and personally satisfying, this program is for you.

Award Amount

A total of \$250,000 is available this year. Applicants may request up to \$50,000 per project. The first \$25,000 does not need to be matched by the applicant. For requests between \$25,000 and \$50,000, applicants must provide a dollar for dollar match on the amount above \$25,000.

Project Duration

Projects must have a duration of at least two years, but may last no more than three.

NOTE: All successful applicants **MUST** attend a New Grantee Meeting, most likely by conference call, during the first half of March 2019.

Who is Eligible?

Minnesota farmers, educational institutions, individuals at educational institutions, and nonprofit organizations are eligible to apply. Government entities are not eligible. Applicants must be Minnesota residents. Projects must take place on Minnesota farms. Projects led by a farmer or group of farmers receive priority.

What is a “Farmer”? A farmer is someone who cultivates, operates, or manages a farm for profit, and who grows or raises at least \$1,000 of agricultural products for sale annually.

Eligible Projects

Grant projects need to show:

1. The ability to maximize direct or indirect energy savings or production;
2. A positive effect or reduced adverse effect on the environment; and
3. Increased profitability for the individual farm by reducing costs or improving marketing opportunities.

Examples of eligible projects:

- Enterprise diversification, including organic production, using traditional and non-traditional crops and livestock
- Cover crops and crop rotations
- Conservation tillage and weed management
- Seed breeding and/or conservation
- Integrated pest management systems for insects, weeds, and diseases
- Livestock production systems or management strategies
- Nutrient and pesticide management, including runoff protection
- Farm-based energy efficiency or production such as wind, methane, or biomass
- Conservation (energy, soil, water)
- Developing/refining/improving marketing opportunities, including season extension and post-harvest storage and handling
- Other creative ideas that address farm input reduction or management, conservation, energy, and/or profitability

Reviewers are looking for interesting ideas that may or may not work. Ideas do not have to be brand new, but should be new to Minnesota or the part of the state where they're being proposed. For more ideas, see previously funded projects summarized in the **Greenbook** (www.mda.state.mn.us/greenbook).

Cooperators & Cooperator Letters

If you are a farmer:

You must involve at least one **Technical Cooperator**. She or he should have technical expertise that will strengthen the project. It might be assistance in soil science, biology, agronomy, horticulture, entomology, engineering, marketing, finance, data collection, statistics, etc. from Extension, community colleges, Soil and Water Conservation Districts, Minnesota Institute for Sustainable Agriculture (MISA), and other similar organizations. Use the Technical Cooperator to help design the project, carry it out, and/or review and interpret the results. This

person is expected to serve as an advisor – not someone you pay to do the project for you. A Technical Cooperator cannot be a family member.

Applications must include a letter of commitment from at least one Technical Cooperator. In the letter, the Technical Cooperator must explain how he or she will contribute to the project. If the budget contains funds for the Technical Cooperator, the letter must include the hourly rate that he or she will charge.

If you are not a farmer:

You must have at least one **Farmer Cooperator** who is meaningfully involved in designing and carrying out the project. The budget should include funds to compensate the farmer for his or her involvement. The farmer is expected to be involved in project – not simply provide land where it can be conducted.

Applications must include a letter of commitment from the farmer(s). In the letter, the farmer must explain how he or she will be involved in the project.

Other Important Information and Requirements

- Minnesota Department of Agriculture (MDA) employees are not eligible to receive grants from this program.
- Any applicant may be awarded only one Sustainable Agriculture Demonstration Grant (SADG) at a time.
- Every project must publicize and hold an outreach event (preferably a field day) in the final season/year of the project.

Eligible Costs

- Wages for time spent directly on the grant project (beyond normal farming operations). Provide justification for the hourly rate.
- Consultant fees. Provide justification for the hourly rate.
- Costs to lease or use farm equipment needed for the project
- Durable equipment or other items necessary for the project valued at less than \$1,400 each
- Project-related services such as soil testing or other analyses
- Project-related travel
- Postage, printing, and telephone expenses related to the project
- Outreach expenses (advertising, handouts, refreshments, etc.) for one outreach event in the final year

Ineligible Costs

- Long lasting, general purpose equipment. Examples include: tractors, motorized vehicles, buildings (including greenhouses and high tunnels), windmills or wind turbines, building construction, and computers. However, these items may be rented as needed to conduct the project.
- Project specific equipment items that cost more than \$1,400
- Compensation for a grant writing consultant or grant manager
- Business start-up costs (i.e., starting a farm)
- Pre-award costs (expenses incurred before a contract is signed)

Matching Funds

- Sources of the cash-match may include: non-state funds (funds that were NOT obtained through the budgeting process of the Minnesota Legislature or granted by a State agency) in the form of cash, loans, other grants, or liquid capital assets dedicated to the project. If the proposed project has been submitted to or funded by a Federal grant program, please specify the grantor, the funding amount, and the purpose of that grant funding.
- For projects that are receiving greater than \$25,000 in State funding and require an applicant match, the value of the land used for the grant project may be counted toward the match. Applicants should use [average farmland rental rates](#) from University of Minnesota Extension. No other in-kind match will be accepted.

Tips for Applicants

The most common reasons proposals score poorly:

- Application doesn't clearly explain the importance or potential impact of project. The proposal should show that the findings are going to benefit more farmers than just the applicant and why this project is important for the agricultural community.
- Project is more about personal gain than about demonstrating a new or different technique or approach that others could benefit from.
- Budget is unrealistically high, includes purchase of ineligible items, or has excessive purchased services or consultant costs.
- Application has poor budget detail – it's unclear how the money will be spent.
- Proposal has inappropriate technical or farmer cooperators, or includes no cooperators.
- Plan to share information and lessons learned is weak or no outreach event is included.
- Project is trying to accomplish too much. Simple projects with one or two clear objectives tend to score better.
- Application doesn't explain how the project will be evaluated or measured.

Review and Award Process

An external review panel reads, scores, and discusses all proposals. The panel changes each year and may include soil scientists, agronomists, postsecondary educators, ag marketing specialists, sustainable and organic farmers, or other agricultural experts. The panel recommends a set of proposals to the Commissioner of Agriculture, who makes final award decisions. All applicants will be notified of the review results, whether their application is approved or not, approximately eight weeks after the submission due date. Applications are scored according to the Point Distribution in the attached Reviewer Scoring Criteria sheet.

Conflicts of Interest

We will take steps to prevent individual and organizational conflicts of interest, both in reference to applicants and reviewers per [Minn. Stat. §16B.98](#) and the [Conflict of Interest Policy for State Grant-Making](#).

Organizational conflicts of interest occur when:

- A grantee or applicant is unable or potentially unable to render impartial assistance or advice to the Department of Agriculture due to competing duties or loyalties.

- A grantee's or applicant's objectivity in carrying out the grant is or might be otherwise impaired due to competing duties or loyalties.

In cases where a conflict of interest is suspected, disclosed, or discovered, the applicants or grantees will be notified and actions may be pursued, including but not limited to disqualification from eligibility for the grant award or termination of the grant agreement.

Application Instructions

How to Apply

We strongly prefer that you use our [on-line application](#); the link can also be found on the [AGRI SADG webpage](#).

If you cannot apply using this process, you may submit an application by mail, email, or by delivery to the MDA. Answer all questions completely within specified character limits. The MDA will enter the application information into the online grants system up to the character limits stated for each question. Direct to:

Minnesota Department of Agriculture
Attn: Ann Kuzj
625 Robert St. North
Saint Paul, MN 55155
Email: Ann.Kuzj@state.mn.us
Phone: 651-201-6028

All completed applications must be received by 4:00 PM CST on Wednesday, December 12, 2018. Faxed or late proposals will not be accepted. All successfully submitted proposals will receive confirmation of receipt.

Getting Help

We are happy to answer questions about the application process, eligible expenses, grant process, and ideas you might want to try. Contact Ann Kuzj at 651-201-6028 or Ann.Kuzj@state.mn.us. You must submit questions by December 3, 2018. Responses to all questions regarding the application process will be posted on the [AGRI SADG webpage](#).

Applicants may request and receive copies of previously funded applications. All personal and business sensitive information in the application will be blackened out.

Data Collection

The data collected from this proposal will only be used in support of the AGRI SADG Program. You are not required to provide the MDA with the data requested in this grant proposal application; however, failure to do so will result in the MDA's inability to process your proposal.

While the proposals are being received and reviewed, only people with a need to access your data in support of your AGRI SADG proposal will have the authority to access the data you provide here unless you give the MDA informed consent to release the data, a court orders the release of the data, or a legislative auditor requests to review the data. Per [Minn.Stat. § 13.599](#), names and addresses of grant applicants will be public data once proposal responses are opened. After all the proposals have been reviewed and the grantees determined, all the information in the proposal will become public data except for trade secret data, if present.

Additional Requirements of Grant Recipients

The following requirements will apply to all applicants who are awarded AGRI SADG Program grants.

Grant Award Agreement

Upon approval of an application, the applicant is required to:

- Complete an IRS W-9 form or register as a vendor in SWIFT, the State's accounting system;
- If the award is \$25,000 or more, submit a financial statement such as an internal balance sheet, a recent certified financial audit, or an IRS Form 990; and
- Sign a Grant Award Agreement indicating their intention to complete the proposed tasks. The agreement also authorizes the MDA to monitor the progress of the project.

Grant Award Agreements must be signed by the applicant's Authorized Representative and returned to the MDA within 30 days of receipt. Failure to submit the signed agreement may result in loss of the grant award.

Reporting and Payment Requirements

Grantees will be asked to complete an annual progress and financial report to be submitted in early January of each year. The progress report explains the activities and results achieved during the year; it includes pictures, tables, and figures and is the basis for each article in the next **Greenbook**. The financial report details the grant project expenditures made during each calendar year. The progress report needs to be approved by the MDA before the grantee receives the following year's advance payment. Ten percent of a grantee's award is retained and paid to the grantee, according to actual project expenditures, after approval of their final progress and financial reports.

The MDA reserves the right to modify reporting requirements during the course of the project. Information submitted in any report will be a public record.

The MDA will also perform monitoring visits of all grantees with awards of at least \$25,000 before a final payment is approved; other grantees may receive monitoring visits at the discretion of the MDA.

Bidding Requirements

All funded applicants will be required to abide by the State's bidding requirements for larger purchases. A detailed list of the State's bidding requirements can be found online at www.mda.state.mn.us/grantbidreqs.

Audits

Per [Minn. Stat. §16B.98 Subdivision 8](#), the grantee's books, records, documents, and accounting procedures and practices of the grantee or other party that are relevant to the grant or transaction are subject to examination by the granting agency and either the legislative auditor or the state auditor, as appropriate. This requirement will last for a minimum of six years from the grant agreement end date, receipt, and approval of all final reports, or the required period of time to satisfy all state and program retention requirements, whichever is later.

Affirmative Action and Non-Discrimination Requirements

The grantee agrees not to discriminate against any employee or applicant for employment because of race, color, creed, religion, national origin, sex, marital status, status in regard to public assistance, membership or activity in a local commission, disability, sexual orientation, or age in regard to any position for which the employee or applicant for employment is qualified. [Minn. Stat. §363A.02](#). The grantee agrees to take affirmative steps to

employ, advance in employment, upgrade, train, and recruit minority persons, women, and persons with disabilities.

The grantee must not discriminate against any employee or applicant for employment because of physical or mental disability in regard to any position for which the employee or applicant for employment is qualified. The grantee agrees to take affirmative action to employ, advance in employment, and otherwise treat qualified disabled persons without discrimination based upon their physical or mental disability in all employment practices such as the following: employment, upgrading, demotion or transfer, recruitment, advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.

[Minnesota Rules, part 5000.3500.](#)

The grantee agrees to comply with the rules and relevant orders of the Minnesota Department of Human Rights issued pursuant to the [Minnesota Human Rights Act.](#)

Voter Registration Requirement

The grantee will comply with [Minn. Stat. §201.162](#) by providing voter registration services for its employees and for the public served by the grantee.

AGRI Sustainable Agriculture Demonstration Grant Program

Reviewer Scoring Criteria

CATEGORY	MAXIMUM SCORE
Project Leader is a Farmer or Group of Farmers	5
Potential for Environmental Benefits; could this project show a positive effect or reduced adverse effect on the environment?	5
Potential for Economic Benefits; could this project increase farmers' profitability by reducing costs or improving marketing opportunities?	5
Potential for Energy Saving; could this project maximize direct or indirect energy savings or production?	5
Project Rationale <ul style="list-style-type: none"> • Is there a compelling reason to do this project? • Will this project inform or demonstrate best management practices? 	10
Project Design and Methods <ul style="list-style-type: none"> • Do the design and methods follow from the rationale and objectives? • Are the objectives clear and answerable? • Will the plan of work accomplish the objectives? 	15
Evaluation <ul style="list-style-type: none"> • Is there a plan for measuring and evaluating what happens (preferably for each objective)? • Does the project include a basis of comparison (for example, a control plot or treatment)? 	15
Outreach <ul style="list-style-type: none"> • How effective is the plan to share information about the project with farmers and the broader agricultural community? 	10
Budget <ul style="list-style-type: none"> • Is the budget appropriate for the project as described? (Just right, too much, too little?) • Are the itemized costs realistic? Is budget detail sufficient to justify the request? • Are consulting/purchased service charges and wages less than 40% of the total cost? 	10
Transferability <ul style="list-style-type: none"> • Could the demonstrated technologies or techniques be adopted and used by other Minnesota farmers? 	10
Applicant Qualifications <ul style="list-style-type: none"> • Does applicant appear to have the necessary qualifications to do this project? 	5
Are the Commitment Letter(s) from Farmer or Technical Cooperator(s) included?	Yes/No
Technical or Farmer Cooperator(s) <ul style="list-style-type: none"> • Do Technical Cooperators provide the expertise this project needs? Are the Farmer Cooperators meaningfully involved? • Do Commitment Letter(s) describe the expertise, role in project, and hourly rate charged (if any) of the Cooperator? 	5
Outreach Event Planned for Final Year?	Yes/No
Total Points Possible	100

AGRI Sustainable Agriculture Demonstration Grant Program

Application – Part 1

Application Due: Wednesday, December 12, 2018 @ 4:00PM CST

Answer all of the following questions on a separate document; do not exceed character limits or your answers will be cut off when we enter them into the electronic system. *Note: All character limits include spaces.*

Profile Information

1. Applicant Name
2. Mailing Address
3. Phone
4. Email

Project Outline

1. Project Name. *Limit 100 characters.*
2. County(ies) where project will take place. *Limit 250 characters.*
3. Project Duration (in years)
 - Start Date
 - End Date

Note: An annual project progress and financial report is due in early January of each year. If awarded funding, a State of MN contract must be completely signed by Grantee and State of MN before any grant funds can be spent.

4. Total Budget Request: Total Project Cost, Grant Funds requested, and Matching Funds provided (in dollars)
 - Unmatched grant funds cannot exceed \$25,000; must provide a dollar for dollar match for grant funds over \$25,000 up to maximum grant funds of \$50,000.
 - Example: Total Project Cost = \$45,000; Grant Funds requested = \$35,000; Matching Funds provided = \$10,000.
5. Abstract (one paragraph that summarizes your project.) *Limit 1,000 characters.*
6. List the Enterprise(s) Involved in this Project (field crops, fruit, vegetables, livestock, energy, etc.) *Limit 250 characters.*
7. Project Objectives (what are you trying to show/test/demonstrate?) List up to three. *Limit 500 characters each.*

Farmer Applicants Only

1. Did you grow or raise at least \$1,000 worth of agricultural products for sale last year?
 - If yes:
 - a. How do you market your farm products? *Limit 250 characters.*
 - b. How many years have you been farming? *Limit 250 characters.*

c. List any farm or agriculture organization you belong to. *Limit 250 characters.*

d. What % of labor do you contribute to your farm? *Limit 250 characters.*

- **If no:**

- a. You do not qualify to apply as a farmer to this program.

2. Technical Cooperator(s) involved in your Project (include Name(s), Type of Expertise, and how each Cooperator will be involved in the project.) *Limit 2,500 characters.*

Note: You must include a Cooperator commitment letter for each Technical Cooperator with your application.

Non-Farmer Applicants Only

1. Type of Applicant

- Minnesota non-profit organization
- Minnesota educational institution
- Individual at a Minnesota educational institution

2. Farmer Cooperator(s) involved in your Project (include Name(s), Type of Farming Experience, and how this farmer will be meaningfully involved in the project.) *Limit 2,500 characters.*

Note: You must include a Cooperator commitment letter for each Farmer Cooperator with your application.

Project Details

1. Short Description of the Farming Operation(s) Involved. *Limit 1,000 characters.*

2. Project Rationale. *Limit 3,500 characters.*

- What is the purpose of this project?
- Why is it important?
- How will this project benefit other farm businesses?

3. Project Design and Methods. *Limit 5,000 characters.*

- What are you going to do? Describe in detail how you will do your project from beginning to end. Be as specific as you can. Use a timeline and drawings or diagrams (for example: field map, crop rotation plan, building or paddock design, layout of test/demonstration plots, etc.)
- Provide the name(s) and occupation(s) of the person responsible for carrying out and reporting on this project.
- Name who is going to do each step of the project – list each participant’s role in the design, implementation, analysis of the results, and outreach steps.

4. Evaluation. *Limit 3,000 characters.*

- How will you document what happens? For each of the objectives you listed in the Project Outline, what information will you collect to be able determine whether your grant project “works” and whether you’d recommend it to other farmers? Be specific.

Note: Projects do not have to work out the way you think or want them to in order to be successful. Often, it's equally important to know what doesn't work or what not to do so don't be afraid to try something others might consider risky.

5. Outreach Plan. *Limit 2,500 characters.*

- How will you share what you learn so Minnesota farmers can benefit from your work? For example: will there be newspaper or newsletter articles? Will you speak at meetings or conferences? Will you post information on your (or your cooperator/advisor's) website?) All projects must have an outreach event in the final year of the project. We encourage you to hold a field day, if possible. In your budget, you can request funds for one outreach event.

Budget Details

1. Complete budget using the separate [budget spreadsheet](#).

- A. Analysis of Samples
- B. Consultants and Other Purchased Services (contractors, bookkeepers, paid consultants, technical assistance, etc.)
- C. Personnel (labor – family or hired. Only include labor directly related to grant activities over and above time spent on normal farm operations.) Iowa State University's [Farm Custom Rate Survey](#) is a good resource for costs.
- D. Supplies and Materials (seed, fuel, purchased inputs, plot markers, office supplies, etc.)
- E. Project Specific Equipment (maximum cost of \$1,400 per item; purchase of farm equipment and other depreciable assets will not be funded.)
- F. Use or Rental of Farm Equipment. Iowa State University's [Farm Custom Rate Survey](#) is also a good resource for estimating machinery rental costs if you haven't obtained quotes yet.
- G. Outreach Costs (field day and other costs associated with holding an outreach event and publicity.)
- H. Communication (telephone, postage, internet, etc.)
- I. Travel

2. Matching funds (if applying for more than \$25,000 in grant award funds). List source and amount of each type of match. The only in-kind contribution allowed is the value of land set aside to conduct the grant project – you must provide proof of value of land and size of land set aside for this project. To figure out in-kind land value, you may use [average farm land rental rates](#) from the University of Minnesota Extension.

3. Provide estimated grant project expenditures for each calendar year during the grant period.

- Year 1: March 2019 to December 2019
- Year 2: January 2020 to December 2020
- Year 3 (if greater than 2 year project): January 2021 to end of grant contract

Remember:

- Use realistic estimates. Only include amounts needed to conduct the project and outreach. Total Project Cost must not exceed \$75,000 (\$50,000 in Grant Funds requested, plus \$25,000 Matching Funds provided by grantee). The only in-kind matching amount allowed is the value of land set aside for the project.

- Grant may be used for project-related costs only, not day-to-day farming expenses.
- Provide justification for each item – why needed, how many, etc.
- For travel, use a rate of \$0.54/mile.

Other Sources of Funding

1. Other sources of funding. Include with narrative questions A-E on separate document.
 - Have you received, applied for, or do you plan to apply for other sources of funding to support this project?
 - If yes, explain. *Limit 500 characters.*

Remember:

- Attach copies of Technical or Farmer Cooperator commitment letter(s) to the application before you submit it. These letters should describe the Cooperator's expertise and his/her role in the project. If the cooperator will be paid, the letter must include the hourly rate.

Application – Part 2

Use the separate [project budget spreadsheet](#). Follow the instructions listed under [Budget Details](#).