

Western SARE Competitive Grants Post-Cheyenne, WY Subregional Conference



If you have questions
contact us at:

Western SARE
Room 305
Ag Science Bldg.
Utah State University
4865 Old Main Hill
Logan, UT
84322-4865

(435) 797-2257
(435) 797-3344 fax
wsare@ext.usu.edu
<http://wsare.usu.edu>

Host Institution:
Utah State University

SARE is a USDA competitive grants program that supports agricultural systems that are economically viable, environmentally sound and socially responsible.

Alaska, American Samoa, Arizona, California, Colorado, Guam, Hawaii, Idaho, Micronesia, Montana, Nevada, New Mexico, Northern Mariana Islands, Oregon, Utah, Washington, Wyoming

The Administrative Council of the Western Sustainable Agriculture Research and Education program announces the request for **Post-Cheyenne, WY Subregional Conference Applications**. These grants are to support the findings from the Western SARE Sub-regional conferences. Several key findings from each sub-regional conference are highlighted and worthy of addressing by worthy applicants.

The Administrative Council will evaluate your application against the criteria outlined in this request and in comparison with other applications. This Council – a group of agricultural producers, scientists, educators and business leaders – will review and select the best application.

Important note: Congress mandates that the SARE grant program depart from “business as usual.” To that end, the Administrative Council requires that agricultural producers be involved from start to finish in the planning, design, implementation and educational outreach of any SARE-funded project. Token representation of producers is not allowed.

As you develop your application, remember the required criteria and that this is part of the Research **and** Education grant program at Western SARE, not a Research **or** Education program. You must have both elements in your application.

Applications must address at least one of the sub-regional conference’s top ranked issues:

- **Development of model farms that demonstrate sustainable agricultural practices.**
- **Studies relating to the problems and opportunities of regional livestock processing plants, the infrastructure and the potential increased use of mobile processing facilities.**
- **Targeted educational programs for producers dealing with: nutritional values, freshness, economic impacts, environmental impacts, reduced transportation costs and potential benefits of locally grown/locally consumed livestock and produce.**
- **Development of partnerships with groups engaging underserved/disadvantaged communities that builds upon Western SARE grants and outreach efforts.**
- **Research and education projects that relate to the increased preference by consumers for locally grown products, organic products, farmer's markets and CSAs.**

Western SARE Goals

1. Promote good stewardship of the nation’s natural resources by providing site-specific, regional and profitable sustainable farming and ranching methods that strengthen agricultural competitiveness; satisfy human food and fiber needs; maintain and enhance the quality and productivity of soil; conserve soil, water, energy, natural resources and fish and wildlife habitat; and maintain and improve the quality of surface and ground water.
2. Enhance the quality of life of farmers and ranchers and ensure the viability of rural communities, for example, by increasing income and employment, especially profitable self-employment and innovative marketing opportunities in agricultural and rural communities.
3. Protect the health and safety of those involved in food and farm systems by reducing, where feasible and practical, the use of toxic materials in agricultural production, and by optimizing on-farm resources and integrating, where appropriate, biological cycles and controls.
4. Promote crop, livestock and enterprise diversification.
5. Examine the regional, economic, social and environmental implications of adopting sustainable agriculture practices and systems.

Timetable for Post-Cheyenne, WY Subregional Conference Applications

- Applications are due by 5 p.m., MDT, December 31, 2008
- Western SARE reviews applications in January 2009
- Applicant is selected for funding and contacted in January 2009

Post- Cheyenne, WY Subregional Conference Grant

The Western SARE Administrative Council is looking for applications that:

1. Recognize the importance of conducting regional whole-farm systems research and education projects
2. Utilize multiple disciplines to address the project issue
3. Produce impacts and outcomes that can be identified, measured and disseminated
4. Address weak links or information gaps in the subregion
5. Include educational outreach and products to producers and agricultural professionals
6. Incorporate participatory on-farm/ranch research/demonstrations with producers
7. Truly incorporate research with education to accomplish all the Western SARE goals
8. Keep within the allocated \$50,000 funding for this project

An important and practical element of the granting process is following directions. Each year, Western SARE disqualifies applications before review because applicants fail to follow directions. Here are other important matters to remember in the granting process:

- Your project's central purpose should be research and educationally based, with required outreach and educational products to disseminate its findings to producers and professional groups (Extension and NRCS professionals, ag lending groups, ag organizations, nonprofits, NGOs, etc.).
- Your application and all deliberations by the technical review committee regarding its merits will remain confidential.
- While your application and its review will remain confidential, the Western SARE program considers all funded applications and subsequent reports and related information to be in the public domain. (See details of this stipulation in Appendix B of this request for application.)

What is required in the application?

A principal investigator (PI) is required. You may be the principal investigator if you are a university research scientist, cooperative extension service agent/educator or specialist, USDA-NRCS field staff, agricultural consultant or other professional assisting producers at the local level. The PI, through his or her institution, is fiscally responsible for the project. You are encouraged to have more professionals assisting with the project but only one will be listed as the Principal Investigator. These may be compensated for their travel expenses. They can also be compensated for their services. **Budget may not exceed \$50,000.**

1. **The applications must involve at least five producers.**
 - a. You are a producer if:
 - i. Your primary occupation is agricultural production
 - ii. You have a farm tax number
 - iii. You derive a substantial part of your income from your farm or ranch and are actively involved in its daily operation
2. **Each producer must be an independent, separate operation.**

3. All criteria in this RFA are to be addressed.

What expenses will be covered?

Grant funds may be used for the following purposes:

- Mini-grants to producers to compensate for field research and education activities.
- Cost of field sampling, crop analysis and educational surveys.
- Materials and supplies needed for the project.
- Small tools and equipment. Any one piece of equipment costing less than \$5,000. Describe the type of equipment (for example, pH meters, balances, scales, etc.), cost and a brief narrative on the intended use of the equipment for project objectives.
- Outreach expenses such as holding a field day, making a brochure, creating a webpage, etc.
- Out-of-town travel needed for the project. State purpose, destination, if known, number of travelers and estimated cost per trip.
- Local travel (where personal auto is used and reimbursed) needed for project. State purpose and total dollar amount of reimbursement for vehicle use. If any overnight stays are anticipated, include the number of nights and the amount for meals and lodging (i.e., local travel for site visits to farmers in neighboring states - \$500 airfare and \$500 for meals and lodging (5 days @ \$100/day) = \$1,000. Maximum mileage deduction depends on institutional policy.
- Hired labor for things that you can't do yourself. State whether flat rate. If not flat rate, show percent of fringe benefits.
- Producer's labor for project activities **above and beyond their normal farming activities.**
- Refreshments at field days, e.g. coffee, cold drinks, fruit, pie, cookies, etc.
- Services of agricultural professionals are allowed for compensation.

Grant funds may NOT be used for the following purposes:

- Starting or expanding a farm or farm operation.
- Any single piece of equipment costing more than \$5,000. This limit **cannot** be used toward the purchase of a piece of equipment costing more than \$5,000 or to purchase parts for tractors, equipment, irrigation systems, etc.
- Permanent improvements to a farm or ranch, e.g. planting an orchard, buying a herd, installing permanent fencing, building permanent greenhouses or constructing a building.
- Testing of commercial products.

How are applications selected?

Eligible applications received by the due date are reviewed in two stages:

Stage 1: Applications are sent to a subcommittee of the Western SARE Administrative Council, which includes a diverse group of agricultural producers, scientists, educators, business leaders and government and non-profit professionals. Their reviews and comments are forwarded to an evaluation subcommittee.

Stage 2: The evaluation subcommittee, which includes the same diversity listed above, meets with the full Western SARE Administrative Council to discuss and choose the application to be funded.

Application criteria:

1. Issue statement. (20%)
2. Address your projects work in relation to each of the five Western SARE goals. (20%)
3. A timeline of activities you plan to conduct, and who is responsible. (10%)
4. A description of the producers' roles and a description of how the proposed project will lead them into using more sustainable agricultural systems/practices. (20%)
5. What educational products will be developed and what outreach is planned for other producers and agricultural professionals (geographic area served by subregional conference)? (20%)
6. A concise budget with appropriate justification. (10%)

If selected:

- **Notification:** The Western SARE Administrative Council will select one or more applications for funding during the fall of 2008. (The council reserves the right to restructure or reduce the budget of any grant application before final approval.) Recipients will be notified by January 2009
- **Contract:** Grant recipients will sign a contract agreement with Utah State University (USU), the contracting institution for Western SARE. When you sign the contract, you agree to conduct the activities outlined in your application under the policies and procedures of USU and USDA, including federal mandates (Equal Employment Opportunity, 1048 Debarment form and all associated forms required under federal law).
- **Funds:** Grants are cost reimbursable. USU shall reimburse grant recipients not more often than monthly for allowable costs. All invoices shall be submitted using grant recipient's standard invoice, but at a minimum shall include current and cumulative costs. In the event circumstances require alternative payment options, please contact Western SARE/USU after you receive notice of intent to fund your application. Detailed financial records are required. USU may request receipts to meet General Accounting Office requirements. You must report to Western SARE information changes (address, phone, producer advisor, etc.) in your funded project.
- **Photographs:** Grant recipients are urged to document their project with photographs, which can be useful to them and help Western SARE highlight and promote their work on our website and in publications. Digital photographs, slides, prints and videos are acceptable.
- **Reports:** A yearly report is required – interim, progress or final depending on your project status – each year the project is conducted. Ten percent of the total project funds are withheld pending a final report (submitted and approved). Project reports are compiled each year and shared with producers, interested policymakers and leaders at community, state, regional and national levels.
- **Questionnaire:** All grant participants (including PI) are to complete and submit as part of the final report – Appendix B.

How can I apply for a grant?

Download the Editable Adobe Acrobat PDF file from <http://wsare.usu.edu/grants/> and fill in the application, then do one of the following:

- Go to <http://wsare.usu.edu/grants> and upload the editable Adobe Acrobat PDF file application
- **OR** email to wsare@ext.usu.edu

Be sure to mail in original signature page and Animal Welfare Assurance Statement form to arrive by application deadline

Application deadline is no later than 5 p.m., MST, December 31, 2008. Be sure that all producers and other cooperators sign the signature form. Any part of the application that arrives after December 31, 2008, will not be included in the review. If you have questions about the application process or Western SARE, please contact us.

Western Region SARE Program
Ag Science Bldg. Rm. 305
4865 Old Main Hill
Utah State University
Logan, UT 84322-4865

Phone: (435) 797-2257
Fax: (435) 797-3344
email: wsare@ext.usu.edu

In compliance with section 504 of the Rehabilitation Act of 1973, as amended, this material can be made available in other formats upon request. Please call (435) 797-2257.

Application Cover Page: This is the first page of the application and includes the project title, information about the principal investigator, producers and other cooperators and requested funding.

Outline Application

1. Issue Statement

Write a brief concise statement of the issue being addressed in this application. Include the context in which it exists and the impacts it is having now.

2. Address your project's work in relation to each of the five Western SARE goals

Indicate how the project and its potential outcomes are relevant to **each** of the five Western SARE goals listed on page 1 of the Request for Applications

3. What you plan to do, a timeline of activities and who is responsible

Include a timetable for the start and completion of each phase of the project. Indicate who will be responsible for each item in the timetable. Your outreach events should be included in this timeline.

4. A description of the producers' roles and a description of how the proposed project will lead them into using more sustainable agricultural systems/practices

Identify each producer and/or other cooperators who have agreed to contribute to the project. Clearly indicate what roles each will conduct in the project. Five producers are required to

take part in the problem identification, research planning, on-farm demonstration and research along with educational outreach in collaboration with this project.

5. What educational products will be developed and what outreach is planned for other producers and agricultural professionals (geographic area served by subregional conference)?

All projects must include a plan to disseminate the results to agricultural producers and agricultural professionals (Extension County Offices and NRCS Field Office, etc.). Describe how the results of this project and your education products will be delivered. This plan should show how information from the project will be shared with producers and how they will then use this new information in their operations. This plan should identify who will be reached, when and how, using such communication techniques as field days, fact sheets, brochures, workshops, demonstrations or other methods. All grant participants (including PI) are to complete and submit the questionnaire in Appendix B as part of the final report.

Signature Page: Gather the signatures of all project participants on this page.

Budget Page: Use the first column to list how the grant funds will be used in the project, such as personnel, supplies needed, rental costs, equipment purchases, etc. Equipment expenses will be reimbursed at the current rental/lease rate. In the second column, list the cost of each item to be purchased or paid for with the grant. For reference, an Example Budget follows the Budget Page.

Budget Narrative/Justification: One page (front and back if needed): Provide additional budget details and justification. You should follow the Required Budgetary Details found at <http://wsare.usu.edu/grants/docs/BudgetDetail.pdf> when organizing your budget Narrative/Justification. For reference, an Example Budget Narrative/Justification follows the Example Budget.

Animal Welfare Assurance Statement: If your project includes warm-blooded vertebrate animals in the study, you must have the statement signed by you and an IACUC (Institutional Animal Care and Use Committee) representative or attending veterinarian. If your project **does not** include warm-blooded vertebrate animals please include the form but write “not applicable” in the signature area. This page must be mailed in to the Western SARE office.

Principal Investigator Resume: A one-page (front only) resume must accompany this application; this is for the PI only. Producers are not required to submit a resume.

Checklist for submitting grant applications:

- Upload the editable Adobe Acrobat PDF file application by the deadline.
- Be sure to have **all signatures** of the producer(s) and other cooperators (paper copy) mailed and **received in** the Western SARE office by the deadline. This would also include the **Animal Welfare Assurance Statement** form.
- All application materials must be **received in** the Western SARE office no later than the deadline.

Deadline: 5 p.m. MST, December 31, 2008

Resources

Information on sustainable agriculture can be found at the National SARE website, www.sare.org (the database of SARE projects can be searched under “Project Reports”) and at the Western SARE website, <http://wsare.usu.edu>. The Western SARE website offers a list of tips for writing applications on the Home Page and the Apply for a Grant Page.

Another source of information on sustainable agriculture is the Alternative Farming Systems Information Center (AFSIC), funded in part by SARE. AFSIC specializes in locating, collecting and providing information about alternative crop, livestock and production systems. Information specialists can answer questions, provide access to materials, provide references to individuals or organizations, identify researchers and research projects within USDA and furnish free bibliographies and reference briefs. Contact AFSIC at (301) 504-6559 or afsic@nal.usda.edu.

Special Note: With all Western SARE funded projects it is required that proper citation of Western SARE should be used on all printed or electronic materials produced in conjunction with any project or when referencing a funded project. Logos and word mark materials are available from Western SARE by contacting the office at (435-797-2257) or wsare@ext.usu.edu.

Appendix A

Special Notes Regarding Western SARE and USDA Policies and Requirements

All SARE grant recipients must read and subscribe to the spirit and letter of the policies, requirements and restrictions listed in the following special notes:

1. The United States Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs and marital or familial status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternate means of communication of program information (Braille, large print, audio tape, etc.) should contact the Western SARE program by phone at (435) 797-2257 or email at wsare@ext.usu.edu.

2. The Western SARE program considers all funded applications and subsequent reports and related information to be in the public domain. A prime directive from Congress in the SARE enabling legislation ensures that results from all studies be provided to producers and other interested parties in a timely and effective manner. Successful applicants (and their institutions) must agree to grant to Utah State University, the host institution, an irrevocable royalty-free, nonexclusive right and license to use, reproduce, make derivative works, display, publish and perform any copyrights or copyrighted materials (including any computer software and its documentation and/or databases) developed under Subcontract for the purpose of education and research or to the extent required to meet USU's obligations under its Prime Award. All reports related to funded projects will be made available to all interested parties in printed, electronic or other means of communication without discrimination. Names, addresses, telephone numbers and email addresses of investigators (from funded projects) may be provided to interested news entities, producers or organizations for subsequent inquiries.

3. The Western SARE Administrative Council will give considerable weight to reporting records (length of time that reports are overdue, etc.) of previous recipients of SARE contracts or grants when evaluating projects for any future Western SARE funding. Grant recipients are encouraged to submit reports in a timely manner, as this will affect Administrative Council decisions.

The Sustainable Agriculture Research and Education program (SARE) is funded through the USDA Cooperative State Research, Education and Extension Service (CSREES) under Chapter 1 of Title XVI of the Food, Agriculture, Conservation, and Trade Act of 1990 and extended by the 1995 Farm Bill reauthorization. The purpose of the subtitle is to encourage research with education and on-farm demonstration projects designed to increase the producer knowledge base and assist in the adoption of sustainable practices on the land. Ideally, projects will integrate research, education and on-farm demonstrations within whole-farm sustainable agricultural systems involving plants and animals, demonstrating tangible outcomes and addressing Western SARE goals.

Appendix B

Evaluation Form: Sustainable Agriculture Projects

Western Region Sustainable Agriculture Research & Education

Western SARE Project Title:

Everyone

Please circle one

Improved my awareness of the topics covered	Yes	No
Provided new knowledge	Yes	No
Provided new skills	Yes	No
Modified my opinions and/or attitudes	Yes	No

How many people do you estimate you will share some aspect of this project with in the next 12 months? _____

Producers – In the next year I am likely to use some aspect of this project to

Adopt one or more of the practices shown	Yes	No
Increase the operation's diversity	Yes	No
Reduce my use of purchased off-farm inputs	Yes	No
Increase my networking with other producers	Yes	No
Incorporate value-added into some aspect of my operation	Yes	No

Professionals – In the next year I am likely to use some aspect of this project

In an education program that I plan or participate in	Yes	No
As a resource I will make available to producers	Yes	No
As a professional development tool for my peers	Yes	No
To improve advice/counsel I give to producers	Yes	No

Professionals – Please describe how you are likely to use some aspect of this project for an educational purpose?

Example Budget

Round to nearest dollar

Example Budget	Funds Requested
Personnel	
Example: Tim Jones, hired farm worker	\$582.00
Example: Sally Smith, hired herder	\$636.00
Fringe benefits if applicable: 10%	\$122.00
Materials and supplies	
Example: Alfalfa Seed for green manure/cover crop plots	\$90.00
Example: Insect traps for monitoring	\$813.00
Travel	
Example: This will be for the TA to visit the plots and assist in data collection and field day	\$1,000
Printing and publications	
Example: Flyers for farm field day.	\$400.00
Other direct costs	
Example: Green manure/cover crop tissue samples.	\$350.00
Example: Refreshments at Field Day.	\$150.00
Example: pH meter for soil testing after animals have pastured plots.	\$4,999
Miscellaneous	
Example: Signage for farm field day, estimated materials	\$50.00
Total	\$9,192.00

Budget Narrative/Justification – one page (front and back if needed)

This Example is based upon the Example Budget uses above

Personnel:

Tim Jones will be hired to assist in additional work that will be above the normal operations of the farm. His duties will include hand weeding and watering hand harvesting and threshing and time spent on equipment maintenance from additional use. He will be paid \$7.28/hour for 80 hours. Total \$582.00

Sally Smith will be hired to herd the goats during the project. She will be responsible to see that they are watered and assist in changing pastures. She will be paid \$9.09/hour for 70 hours. Total \$636.00

Materials and Supplies:

Seed: "Nitro" alfalfa will be used to seed for our green manure/cover crop demonstration. Seeding will be at 30 pounds per acre. Ninety pounds of seed will be needed @ \$1.00/pound.

Insect Traps: 125 insect traps will be needed for the 3 mile section for monitoring beneficial insects visiting the trap crops. They are \$6.50 each. Total \$813.00

Travel:

Travel for our Technical Advisor to come to the plots and assist in data collection and the field days associated with the project. This includes 5 round trips to the farm, a total of 1124 miles. 1124 miles @ \$0.445/mile = \$500. Meals and lodging for the TA is estimated at \$500 at \$100/day for 5 days during the project. Total cost for travel is \$1,000.

Printing and Publications:

Printing cost for a 5-page (front and back, black and white) handout of project and data for years 1-2. This would be for 2000 copies @ \$0.20 per page. Total cost \$400.00.

Other Direct Costs:

1. We will need 10 tissue samples from our alfalfa green manure/cover crop to determine feed analysis for the goats. Ten tissue samples @ \$35.00 each, these will be sent to the state university for analysis. Total cost is \$350.00.
2. Coffee and doughnuts will be served at the field day scheduled for July 4 at our farm. Most of the people in attendance will be from the small town over 50 miles away. We are calculating \$3.00 per persons and an estimated 50 farmer in attendance. \$3.00 times 50 farmers is \$150.
3. A Soil-Meter Nitrate tester is required to sample daily in the plots where the goats are rotated. Manure build-up at the soil level is being tested for potential nitrate leaching. Cost is \$4999 with (shipping/handling). There are no testers in the county.

Miscellaneous:

This is for signage for our farm field day. Since we are located on a route difficult to find we will be placing sign markers at junctions of each road off of State Route 13 to assist people in finding our farm. We are looking at purchasing 24" by 24" corrugated plastic signs from a local real-estate agent and converting them with big arrows. Estimated cost is \$50.00, 5 signs @ about \$10.00 each.

Total Cost \$9192.00

Signature Page

All project participants: producers and professionals must sign this application.

Signature of Principal Investigator

Date

Signature of Producer #1

Date

Signature of Producer #2

Date

Signature of Producer #3

Date

Signature of Producer #4

Date

Signature of Producer #5

Date

Signature of other Producer or Cooperator

Date

Signature of other Producer or Cooperator

Date

Signature of other Producer or Cooperator

Date

This page may be duplicated if more signatures are needed

Animal Welfare Assurance Statement

The subcontractor acknowledges that USU, and thus Western SARE, is a governmental entity and is thus subject to USDA-CSREES IACUC (Institutional Animal Care and Use Committee) guidelines for all warm-blooded vertebrate animal research projects. This includes, but is not limited to: beef, swine, poultry, etc. The subcontractor acknowledges that it is his/her responsibility to ensure that a bona fide research organization, with a USDA-acknowledged IACUC organization and policies, review and oversee the animal welfare issues of the project. Otherwise, the subcontractor guarantees that a **qualified veterinarian** will visit the project and certify that the project complies with the research animal welfare guidelines prepared by the FASS (Federation of Animal Science Societies), which can be found at: http://www.fass.org/care_guide.htm?dept_id=5001&sku=FASS-CUAAA. This will help speed the approval process.

Signed: Professional/Principal Investigator)

Signed: IACUC Representative or Qualified Veterinarian)

Notes:

- 1. If this does not apply please put NA in the blanks.**
- 2. This is a required form and must be mailed to the Western SARE office accompanied with the original signature pages.**

Application Cover Page
2008 Post-Cheyenne, WY Subregional Grant Application

Project Title: _____

List Sub-regional Conference Issue Area(s) addressed: _____

Funding Request: _____ (**up to \$50,000**) Duration (years): _____ (up to 3 years)

Principal Investigator

(Name & Title): _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

<p>Producer #1 (Name): _____</p> <p>Address: _____</p> <p>_____</p> <p>Telephone: _____ Fax: _____</p> <p>Email: _____</p>
--

<p>Producer #2 (Name): _____</p> <p>Address: _____</p> <p>_____</p> <p>Telephone: _____ Fax: _____</p> <p>Email: _____</p>
--

Producer #3 (Name): _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

Producer #4 (Name): _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

Producer #5 (Name): _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

Other Professional (Name): _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

Other Professional (Name): _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

Other Professional (Name): _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

Other Professional (Name): _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

Other Professional (Name): _____

Address: _____

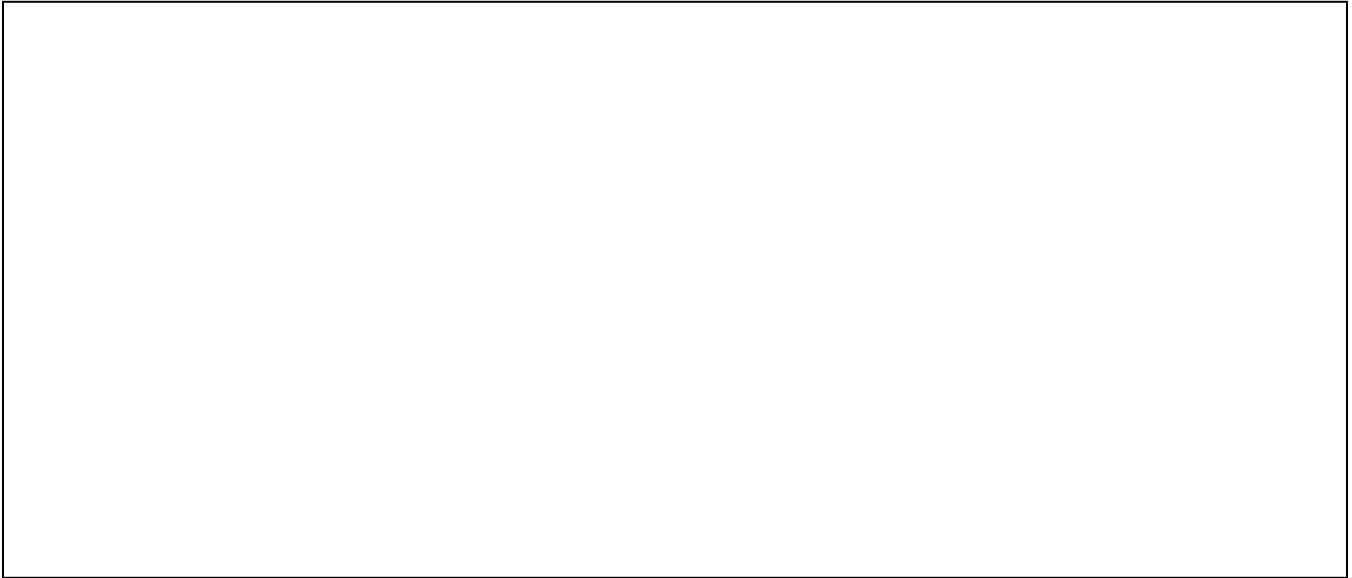
Telephone: _____ Fax: _____

Email: _____

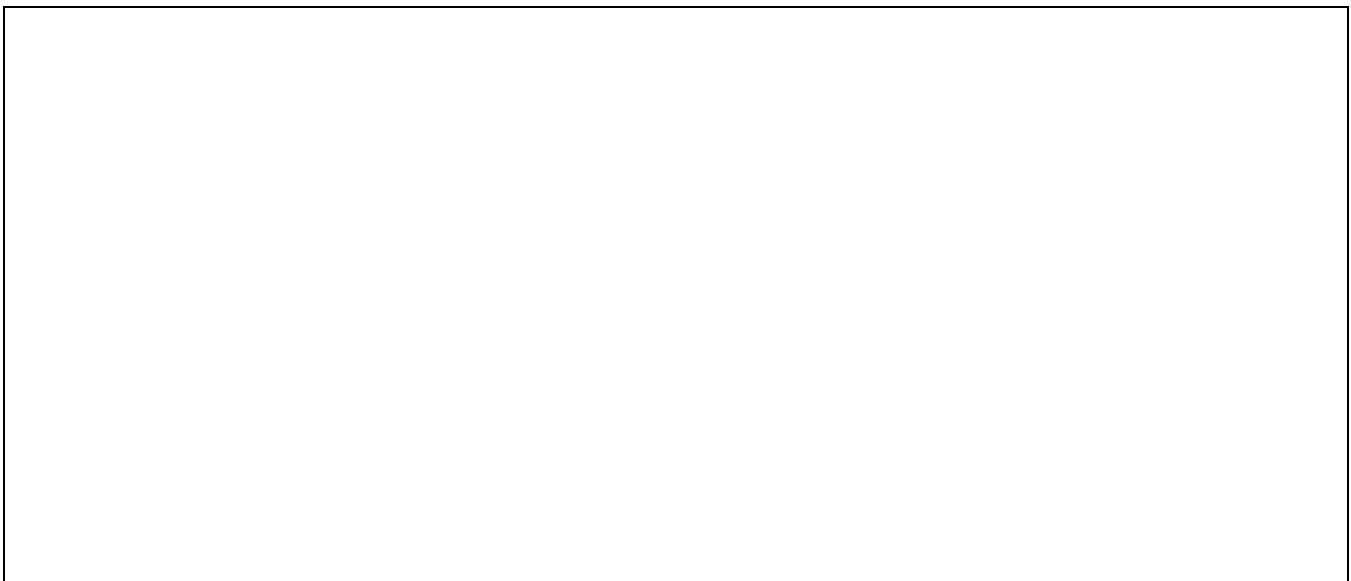
Issue Statement:

Western SARE Goals:

- 1. Promote good stewardship of the nation's natural resources by providing site-specific, regional and profitable sustainable farming and ranching methods that strengthen agricultural competitiveness; satisfy human food and fiber needs; maintain and enhance the quality and productivity of soil; conserve soil, water, energy, natural resources and fish and wildlife habitat; and maintain and improve the quality of surface and ground water.**



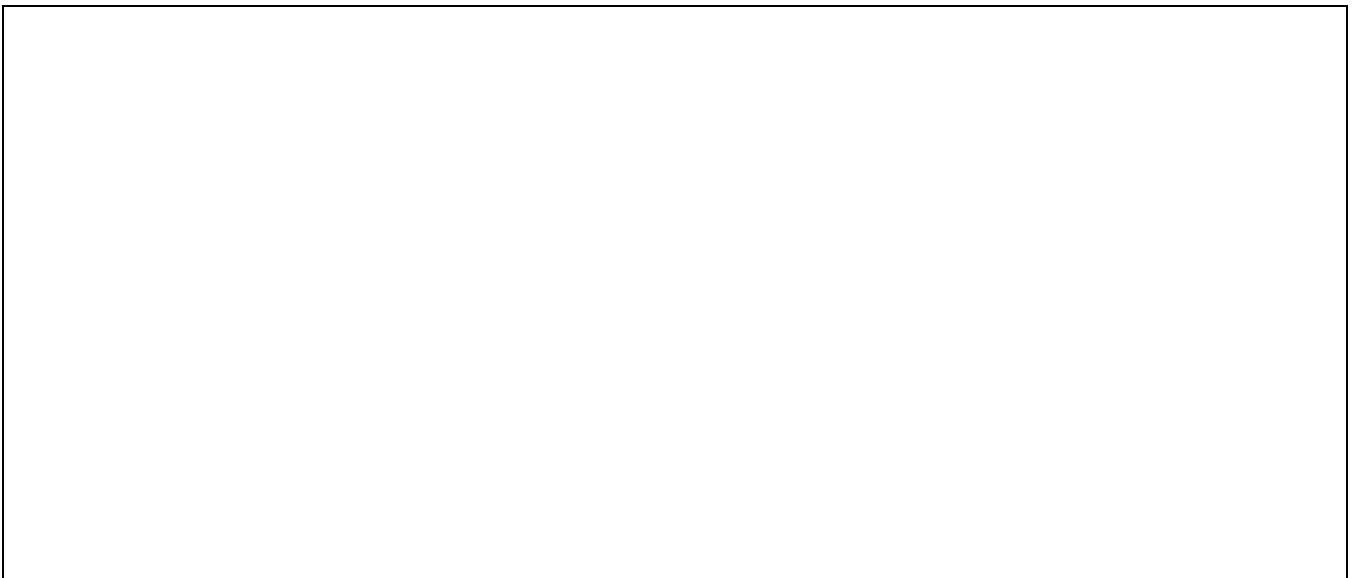
- 2. Enhance the quality of life of farmers and ranchers and ensure the viability of rural communities, for example, by increasing income and employment, especially profitable self-employment and innovative marketing opportunities in agricultural and rural communities.**



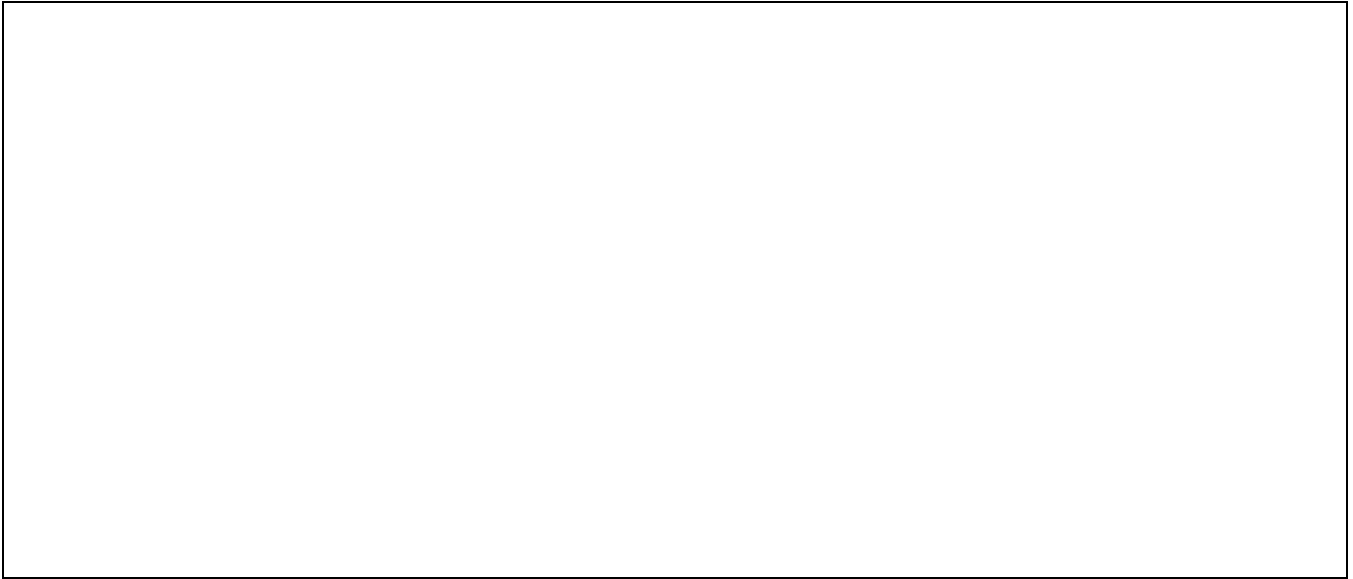
- 3. Protect the health and safety of those involved in food and farm systems by reducing, where feasible and practical, the use of toxic materials in agricultural production, and by optimizing on-farm resources and integrating, where appropriate, biological cycles and controls.**



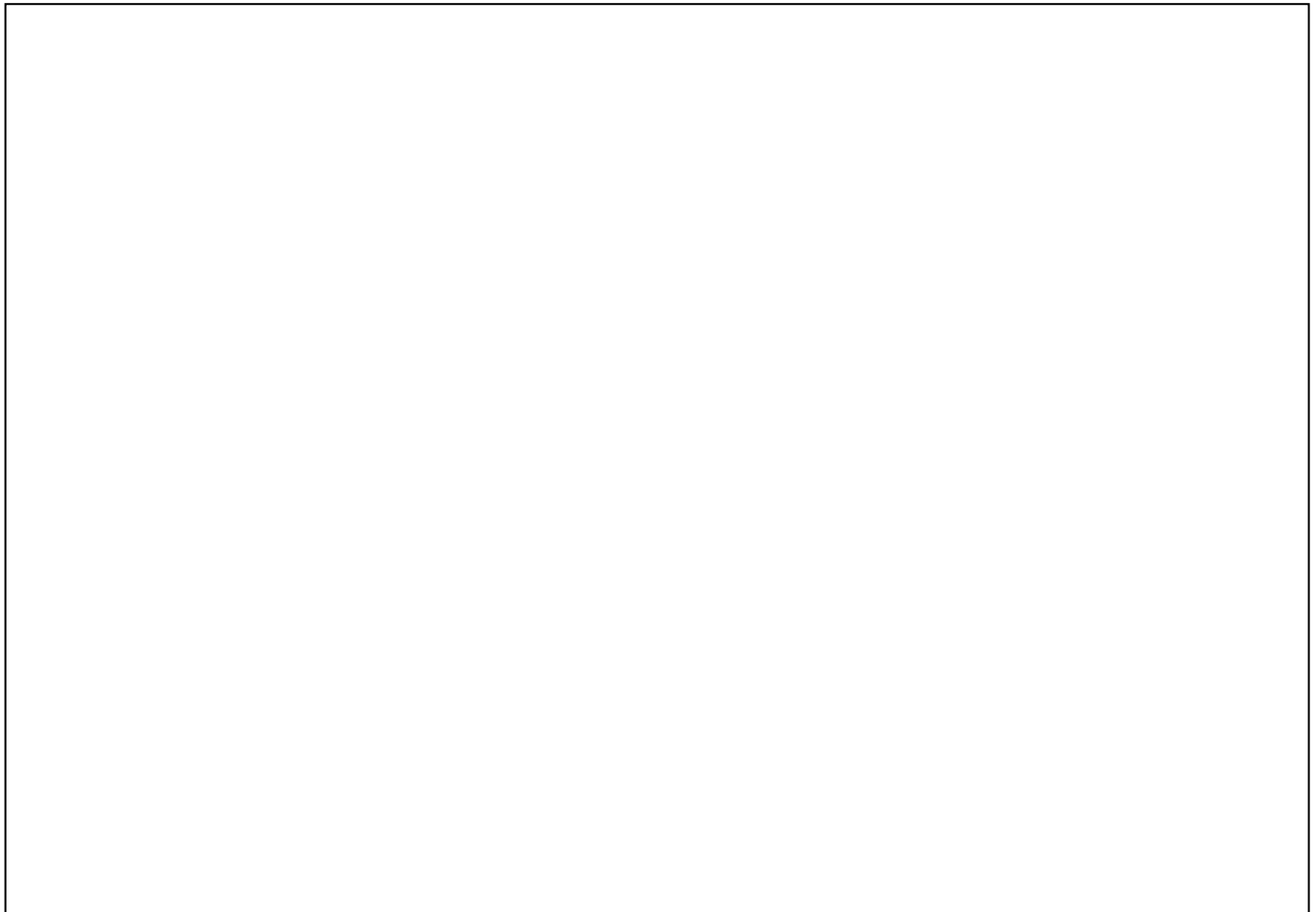
- 4. Promote crop, livestock and enterprise diversification.**



5. Examine the regional, economic, social and environmental implications of adopting sustainable agriculture practices and systems.



What you plan to do, a timeline of activities, and who is responsible.



A description of the producers' roles and a description of how the proposed project will lead them into using more sustainable agricultural systems/practices.

What educational products will be developed and what outreach plan to other producers and agricultural professionals (geographic area served by subregional conference) will be employed?

Educational Products:

Outreach Plan

Budget Page

Project Title: _____

Round to nearest dollar

Budget	Funds Requested
Personnel	
Materials and supplies	
Travel	
Printing and publications	
Other direct costs	
Miscellaneous	
Total	

Budget Justification:
Personnel

--

Materials and Supplies

--

Travel

--

Printing and Publication

--

Other Direct Costs

--

Miscellaneous

--

Principal Investigator's Resume Only

