

What is SARE?

Since 1988, the Sustainable Agriculture Research & Education (SARE) program has been the go-to USDA grants and outreach program for farmers, ranchers, researchers and educators who want to develop innovations that improve farm profitability, protect water and land, and revitalize communities. To date, SARE has awarded over \$310 million to more than 7,433 initiatives.

SARE is grassroots with far-reaching impact

Four regional councils of expert practitioners set priorities and make grants in every state and island protectorate.

SARE communicates results

SARE shares project results by requiring grantees to conduct outreach and grower engagement; and by maintaining an online library of practical publications, grantee-produced information products and other educational materials.



www.sare.org

SARE: Advancing the Frontier of Sustainable Agriculture in...

Nevada

Project Highlight: *Gaining a Better Understanding of Ag Complexities on Reservations*

In the United States, more than one in three farms benefits from a range of direct payments by the federal government, according to USDA statistics. But when it comes to farms operated by American Indians, that figure plummets to nearly one in 10.

Missing out on these programs is one glaring example of how USDA professionals have long struggled to serve agricultural producers on American Indian reservations. And it is one reason why University of Nevada Cooperative Extension Educators Loretta Singletary and Staci Emm used a SARE grant to develop a broad-based curriculum that helps USDA service providers in four western states understand the unique needs and complexities of agriculture on reservations.

Reception to the 178-page teaching guide, called *People of the Land*, has been so positive that USDA agencies and state departments of agriculture in Idaho, Nevada, Oregon and Washington have begun adopting it, and its authors have had to print a second run. To develop the curriculum, Emm and Singletary started by assessing the agricultural needs of American Indians on the 10 largest reservations in their four-state region, and by speaking with the agricultural professionals who serve them. Their work also earned them the 2011 National Extension Diversity Award.

For more information on this project, see sare.org/projects, and search for project number [EW11-006](#).

SARE in Nevada

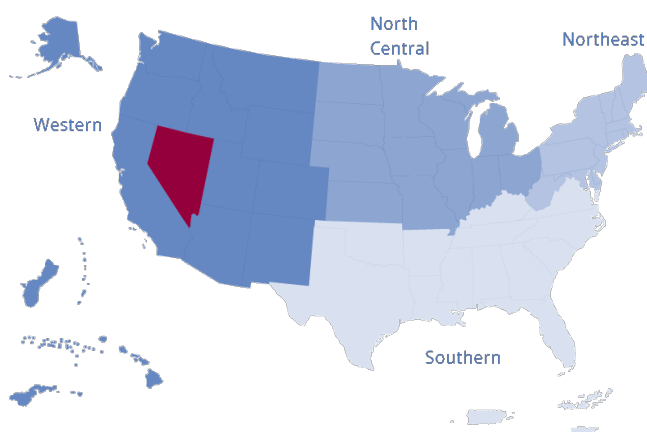
western.sare.org/sare-in-your-state/nevada

\$1,035,166
in total funding

17 grant projects

(since 1988)

For a complete list of grant projects state by state, go to www.sare.org/state-summaries



SARE Grants in Nevada

Total awards: 17 grants



5 Farmer/Rancher
8 Professional Development Program
4 Research and Education

Total funding: \$1,035,166



\$36,405 Farmer/Rancher
\$625,922 Professional Development Program
\$372,839 Research and Education

Find a complete list of projects on page 3.

SARE's Impact



53 percent

of producers report using a new production technique after reading a SARE publication.

79 percent

of producers said they improved soil quality through their SARE project.

64 percent

of producers said their SARE project helped them achieve higher sales.

Learn about local impacts at:

western.sare.org/sare-in-your-state/nevada

Contact Your SARE State Coordinator

SARE sustainable ag coordinators run state-level educational programs for Extension and other ag professionals, and many help grant applicants and recipients with planning and outreach. Visit western.sare.org/state-pages/nevada to learn more.

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For detailed information on SARE projects, go to www.SARE.org

SARE is funded by the USDA's National Institute of Food and Agriculture (NIFA).

This report includes summaries of competitive grant programs only. Some competitive grant programs that are no longer offered may be included or excluded from the totals in this report depending on the grant program and SARE region.



AGRICULTURE PROJECTS FUNDED IN NEVADA

by USDA's
Sustainable Agriculture Research and Education (SARE) Program

Nevada has been awarded \$1,035,166 grants to support 15 projects, including but not limited to, 2 research and/or education projects, 8 professional development projects and 5 producer-led projects. Nevada has also received additional SARE support through multi-state projects.

RESEARCH AND EDUCATION GRANTS

| Project # | Project Title | SARE Support | Project Leaders |
|-----------|--|--------------|---|
| SW20-918 | Nevada-Grown Melons: Enhancing production and adoption through novel management techniques | \$349,825 | Felipe Barrios Masias Board of Regents, NSHE, obo University of Nevada, Reno Heidi Kratsch University of Nevada Cooperative Extension Bindu Poudel University of Arizona |
| SW02-030 | Application of Parentage Testing by DNA on Western Ranges with Large Beef Herds | \$23,014 | Ben Bruce Department of Animal Biotechnology |

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

| Project # | Project Title | SARE Support | Project Leaders |
|-----------|---|--------------|--|
| EW17-025 | Grazing Strategy Indices for Range Quality Assurance | \$42,369 | Sherman Swanson University of Nevada Cooperative Extension |
| EW11-006 | People of the Land II: Sustaining Agriculture on American Indian Lands in the Four-Corners Region | \$71,057 | Staci Emm University of Nevada Cooperative Extension |
| EW08-019 | Developing an Educational Program on Preventing Noxious Weed Invasion on Farms and Ranches in Nevada and Utah | \$51,878 | Jason Davison University of Nevada Cooperative Extension Earl Creech University of Nevada Cooperative Extension Dr. Earl Creech Utah State University |
| EW06-001 | Living on the Land Curriculum Expansion and Instructor Trainings | \$93,365 | Susan Donaldson University of Nevada Cooperative Extension |
| EW05-005 | Strengthening Sustainable Agriculture Programming with Native American Producers in the West | \$90,000 | Dr. LORETTA SINGLETARY University of Nevada Reno Extension Staci Emm University of Nevada Cooperative Extension |
| EW04-004 | Developing a Handbook for Utilizing Livestock as a Tool in Noxious Weed Control in Nine Western States | \$90,133 | Jason Davison University of Nevada Cooperative Extension |
| EW99-003 | Living on the Land: Teaching Small Acreage Owners to Conserve Their Natural Resources | \$80,400 | Susan Donaldson University of Nevada Cooperative Extension |
| EW95-008 | Sustainable Integrated Range Livestock & Crop Production Systems | \$106,720 | Ben Bruce Department of Animal Biotechnology |

FARMER/RANCHER GRANTS

| Project # | Project Title | SARE Support | Project Leaders |
|-----------|---------------|--------------|-----------------|
|-----------|---------------|--------------|-----------------|

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|----------|---|----------|------------------------------------|
| FW11-011 | Great Basin Fresh Market Tomato Trial | \$9,205 | Rick Lattin Lattin Farms LLC |
| FW10-048 | Improving intake on big sagebrush by cattle in Fall and Winter to reduce feed costs and improve biodiversity and productivity in the sagebrush steppe | \$15,000 | Agee Smith Cottonwood Ranch LLC |
| FW04-031 | Penstemon Seed Production and Stand Establishment | \$2,100 | Edith Isidro-Mills |
| FW04-207 | Windbreak Improvement of Nevada Organic Fields | \$7,100 | Roger Gehring |
| FW99-095 | Alfalfa: Can It Be A Viable Grazing Forage? | \$3,000 | Tom Filbin |

**Total funding from the USDA SARE program to
Nevada
\$1,035,166**



For further information on projects, contact Western SARE at (435) 797-2257 or wsare@usu.edu.

Sustainable Agriculture Research and Education (SARE) is funded by USDA's National Institute of Food and Agriculture (NIFA).