



United States
Department of
Agriculture

National Institute
of Food
and Agriculture

Herds & Harvest: Nevada Beginning Farmer and Rancher Project

Staci Emm

University of Nevada Cooperative Extension
Beginning Farmer and Rancher Development
Program Award No [2015-70017-22883]



Project Audience

- Who are you aiming to help?
 - Nevada Beginning Farmers and Ranchers
 - Includes socially disadvantaged, limited resource and veterans
 - Basic farming and ranching skills including mentorship, business planning, poultry, livestock, viticulture, and hops
 - Start up to the first ten years of being an agricultural producer.



Partners/Collaborators

Who are the key people on your team?

- **Staci Emm**, Extension Educator/Associate Professor, holds a M.A. degree in Agriculture from Colorado State University.
- **Carol Bishop**, Extension Educator/Assistant Professor, holds a M.S. degree in Resource and Applied Economics from UNR.
- **Dr. Holly Gatzke**, Extension Educator/Associate Professor, has a Ph.D. in Soil Sciences and B.S. in Agronomy from University of Saskatchewan.
- **Seth Urbanowitz**, Extension Educator/Assistant Professor, holds a M.S. in Plant Science from South Dakota State University, a M.S. in Extension Education from the University of Tennessee and a B.S. in Agribusiness Economics from Southern Illinois University-Carbondale.
- **Dr. Paul Verburg**, Assistant Professor, holds a Ph.D. in Environmental Sciences and M.S. in Soil Sciences from Wageningen Agricultural University, The Netherlands.
- **Dr. Grant Cramer**, Professor, holds a Ph.D. in Plant Physiology and M.S. in Vegetable Crops from UC-Davis with B.S. in Plant and Soil Sciences from University of Massachusetts.
- **Dr. Loretta Singletary**, Interdisciplinary Outreach Liaison/Professor, holds a Ph.D. in Applied Economics from Clemson University.
- **Jay Davison**, State Crop Specialist/Associate Professor, holds a M.S. in Plant Science from UNR and has more than 30 years' experience in Nevada related to plant production systems.
- **Dr. Steven Lewis**, Extension Educator/Associate Professor, holds an Ed.D. from Texas A&M and works in the areas of natural resources, community development, and sustainable agriculture.
- **Dr. Thomas Harris**, State Extension Specialist/Professor. holds a Ph.D. in Agricultural Economics from Oklahoma State.
- **Frank Flavin**, Extension Educator/Northern Area Director/FRTEP Director, holds a J.D. from the University Of Colorado School Of Law.
- **Steve Foster**, Extension Educator/Assistant Professor, holds a M.S. in Agricultural Education and B.S. Meat Science from Ohio State University.
- **Jennifer Kintz**, Community Based Instructor III, Nevada BFR Organizer, is responsible under the current program for organizing program agendas, working with the graphic design artist for program brochure development and program workbooks and material, taking registration and providing program information to the beginning farmer and rancher participant list.



Key Approach(es)

How are we helping beginning farmers and ranchers?

- Workshops/courses
- Demonstrations and Certification Programs
- Mentoring
- Technical assistance
- Individual enterprise budget development



Overall Target Outcome

By the end of this project, we will have helped:

| Training Programs Proposed on Objectives | BFR's Reached Each Year | Expected Measured Outcomes Each Year |
|--|--|---|
| Increase Nevada BFR's communication, entrepreneurship, business and financial management skills necessary to own, operate and sustain an agricultural operation. | 100 BFR's | 20% will create a new complete business plan. |
| Increase Nevada BFR's basic farming skills. | 150 BFR's | 30% will increase agriculture sales of crops and vegetables through increased production and good agricultural practices. |
| Increase Nevada's BFR's basic skills in livestock and poultry production. | 100 BFR's | 30% will increase livestock sales through better management practices. |
| Increase Nevada's BFR's basic skills in viticulture and brewing/malting. | 75 BFR's | 10% will enter into grape production and 5% will begin business planning for a vineyard. |
| Provide ongoing mentorship of BFRs following training programs to provide guidance for increased production and overall business success. | 75 BFR one-on-one sessions in production, budgets or business planning | 50% will change management practices leading to increased sales. |
| Integrate USDA agricultural assistance programs into all BFR educational programming. | 425 BFR's – All training programs | 50% will explore participating in a USDA program opportunities . |
| Target socially disadvantaged, military veterans and limited resource farmers and ranchers: | 75 American Indian, 25 Women, 25 Hispanic, 15 military veteran BFR's | 30% will increase farm sales through increased production and good agricultural practices. |



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What do you have to share?

- Communication Networks
- One-on-one assistance
- In-person workshops



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What do you hope to learn from other projects?

- What they are doing?
- What can we do better to serve Nevada beginning farmers and ranchers?



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Keep in touch!

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