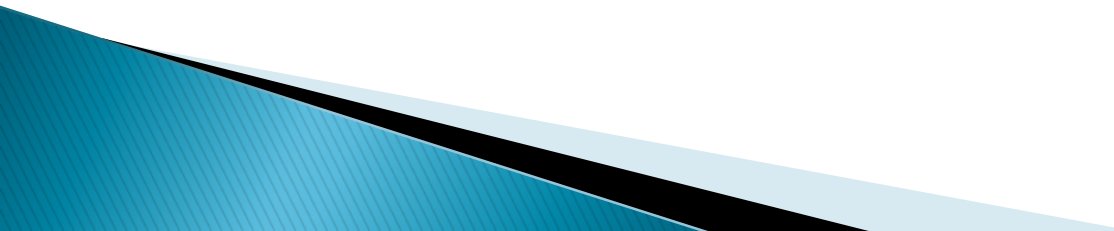


SARE Livestock Projects for New Mexico

Jim Freeburn
Regional Training Coordinator
Western SARE

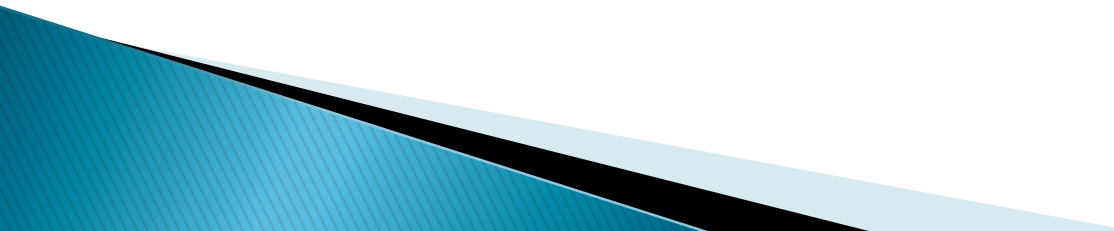
Livestock – Big Business in New Mexico

- ▶ Total Ag Products in NM – \$2.55 Billion
 - ▶ Livestock and Animals – \$1.933 Billion
 - ▶ Animal ag is over three times crops in NM
- 

Livestock Inventory

- ▶ Cattle – Value \$1.35 billion
- ▶ Sheep – \$89 million
- ▶ Goats – \$31 million and growing
- ▶ Cattle over 10 times sheep and goats together

Some Stellar SARE Livestock Projects

- ▶ Derek Bailey – Genetic Selection for Grazing
 - ▶ Steve Guldan – Extending Grazing Season and Integrating Crops and Livestock
 - ▶ Darrell Baker – Increasing the Value of Irrigated Pastures
 - ▶ Matt Schneberger – Gila Permittees Association Elk Study
- 

Derek Bailey

- ▶ Ranches in NM, CO, WY, NV and AZ
- ▶ Collared 25–30 cows at each location
- ▶ Studied GPS data and found genetic differences among cows



Alcalde Research Center, Guldan

- ▶ Feed and forage with rotational grazing
- ▶ Alternative crops for season extension
- ▶ Oats, rye, sweet corn, turnips, vetches



Darrell Baker, Tucumcari

- ▶ Increasing value of irrigated pastures
- ▶ Multiple species of forage; rye, perennial grass
- ▶ Focus on goats

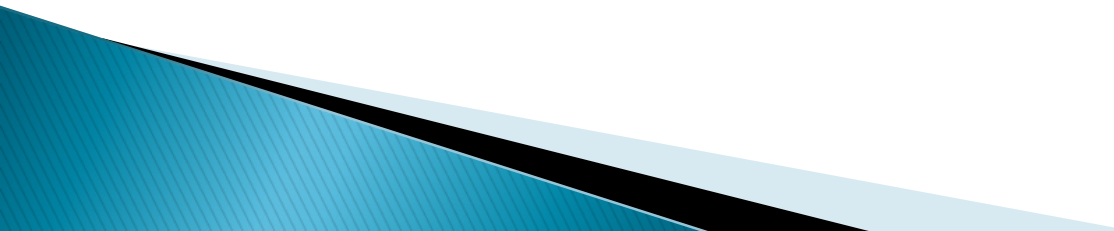


Gila Permittees Elk Study

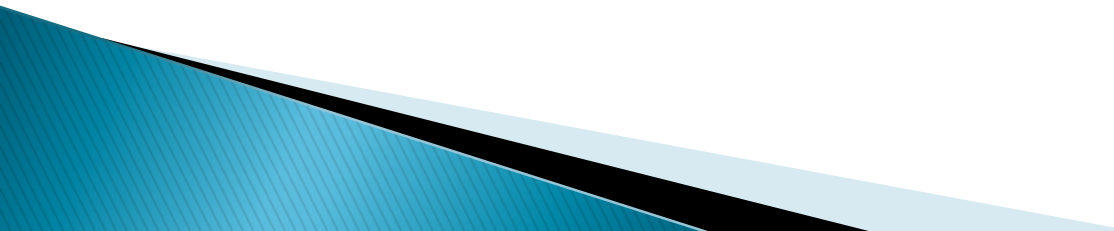
- ▶ Forage consumed by elk was measured
- ▶ Major effect on riparian areas in the Gila
- ▶ Conflict between cattle and elk and sustainability
- ▶ Elk ate 43+% of forage in the dormant period
- ▶ Ate 40% in growing season
- ▶ Management issues for ranchers



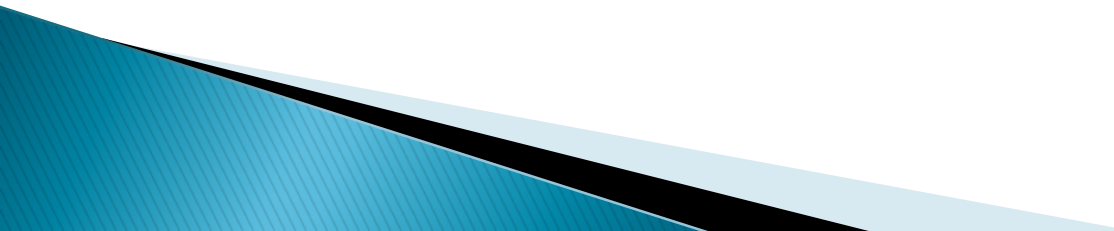
SARE Website has Thousands of Projects

- ▶ Easy to search
 - ▶ Crops
 - ▶ Livestock
 - ▶ Soils
 - ▶ Range
 - ▶ Economics/Marketing
 - ▶ Weed and Pest Control/IPM
 - ▶ And much more
- 

Where to Look for SARE Projects

- ▶ <https://projects.sare.org>
 - ▶ Then choose “Search Projects”
 - ▶ Or just go to:
<https://projects.sare.org/search-projects/>
 - ▶ Every ag topic and an easy search engine
 - ▶ Can sort by topic, geography, state or more..
- 

SARE Grants – Please Apply

- ▶ Farmer–Rancher up to \$25,000
 - ▶ Ag Professional plus Producer – up to \$50,000
 - ▶ Research to Grass Roots – \$50,000
 - ▶ Professional Development – \$75,000
 - ▶ Research and Education – Up to \$350,000
- 

Jim Freeburn Contact Information

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