

VISION

Innovating at the nexus of livestock, rangeland, and sustainability.

MISSION

The mission of the Corona Range and Livestock Research Center is to enhance the understanding of woody brush invasion, hydrology, cow-calf production, and big game management and to discover innovative solutions to improve economic development in rangeland-bound communities.

- Provides research facilities for beef cattle, sheep, goats, wildlife, rangeland, fire science, and renewable energy.



- University-wide collaborative investigations into Carbon, Water and Energy on large rangeland landscapes.



- Serves as a hub for community engagement, education, and research initiatives.



Value Added to New Mexico

- Sustainability initiatives, including wind and solar energy
- Cattle and sheep production
- Rangeland research
- Wildlife preservation



Established in 1980, the Corona Range and Livestock Research Center (CRLRC) is a 27,886-acre working ranch laboratory located near the center of the state of New Mexico, just east of the village of Corona. Research programs, as well as graduate student studies, are a major part of the CRLRC and are incorporated into the normal production cycle of the cattle and sheep commercial operations.

ONGOING RESEARCH

Colleagues from the NMSU Department of Fish, Wildlife, and Conservation Ecology, in collaboration with the Bureau of Land Management, initiated a project to determine if wind farms influence site occupancy of primarily ungulates and other mammals.

Separate investigations into the impact of growth-promoting implants, and dietary supplements fed to beef cows, on bovine reproduction efficiency are being conducted. These projects will provide insight into effective managerial intervention for producers involved in beef cattle production.



The College of Agricultural, Consumer, and Environmental Sciences is an engine for economic and community development in New Mexico, improving the lives of New Mexicans through academic, research and Extension programs.

ACES Pillars for Economic and Community Development



RECENT IMPACTS

- Estrus synchronization in sheep flocks when using natural service can significantly reduce labor associated with lambing by tightening up the lambing season. This produces a more uniform lamb crop, which is more desirable when marketing lambs and offers an economic advantage.
- Reproductive success in beef heifers and young cows can be challenging. Work conducted at CRLRC aims to provide producers with targeted short-term nutritional systems that increase pregnancy rates and longevity. By improving these, the cost associated with developing heifers or needing to cull non-pregnant cows will improve the financial viability of beef cattle producers.
- CRLRC and researchers from NMSU are actively investigating current environmental issues that range from Carbon Management to wildlife interactions with renewable energy sources. These research projects will improve our ability to provide much-needed information to clientele regarding ecological services in the future.

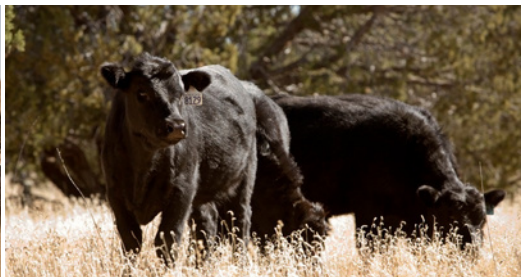
COMMUNITY OUTREACH

The CRLRC and the Southwest Center for Rangeland Sustainability host a week-long program for senior undergraduate and graduate students in Animal Sciences and Veterinary students from throughout the U.S. This program is called the US Beef Academy (USBA) and is an opportunity to expose students to leaders in the beef industry. The USBA provides exposure to the robust beef production system of New Mexico all while making lasting relationships with students from other universities, upper academia, and industry leaders.

The CRLRC hosted various community engagement programs and seminars addressing sustainable agricultural production amidst rangeland ecosystems. Numerous state, county and local officials, as well as agency personnel, also toured the wind farm in collaboration with Pattern Energy.

Corona Range and Livestock Research Center

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