





tributed 1,340 hours of time into the Eureka County community. The monetary value of a volunteer's time in the state of Nevada is \$29.76 per hour. The fiscal impact of the time contributed back to community equaled \$39,878.40. This means, \$39,878.40 would have been required to accomplish the time our volunteers and youth freely gave back to the community! Although this number is staggering, the positive impacts contributed by the volunteers, leaders and youth into life-long memories, experiences and knowledge outweighs a monetary value.

## EVENTS

Some events during this year included the **Eureka Lyons Club Pumpkin Patch** where 4-H youth helped sell pumpkins and raise money by setting up fun games during the event as well as a photo booth for the community to take family photos in front of. The youth and their families also baked goods to contribute to the bake sale.

We also had the **Eureka Jr. Livestock Club Show and Sale** this year with 22 participants. 26 Buyers Registered for the Sale and showed up to show their support for all the hard work our Youth Exhibitors put in on their Market Livestock Projects. 17 total Market Animals were sold during the Sale.

A **Valentines Day Party** was held on February 14th during school hours to provide activities and enrichment for some of the local homeschool families. This was a successful event in which 12 youths and their families showed up to play games and pass around Valentine's goodies to each other.

We had a very special guest at one of our Community Club meetings: **Senator Pete Goicoechea!**



Senator Goicoechea came in to teach our Club Officers and Members about Roberts Rules of Order, the importance of leading a meeting, and the basics of how meetings work. We are very lucky to have members in our Community that value the youth and take time to invest in them.

## CURRICULUM

Eureka staff and others around the state are working on developing curriculum and project synthesis for Rangeland and Pasture Beef Breeding Project. This new project will focus on the production model utilized by cattle producers in the western states. It is based on learning about and utilizing range and pasture resources, business/enterprise budgeting and management and beef breeding and production.

## NEVADA ECONOMIC ASSESTMENT PROJECTS (NEAP)

NEAP is a statewide program with the mission to develop and maintain an extensive data archive with timely, meaningful, and consistent characteristics and a set of analytical tools used to provide Nevada's communities with research and analysis of emerging issues through outreach and engagement.

### Rural Housing Baseline Assessments

Housing affordability and availability is an ongoing issue in Nevada. NEAP and Nevada Rural Housing have worked together to gather and analyze data to present the current housing situation. Baseline data collection and initial analysis was performed for Eureka County. Reports and fact sheets will be available around December 2024.

### Foundational Public Health Services

A national Foundational Public Health Services (FPHS) framework describes the baseline level of services that should be offered through all governmental health departments. The results of the survey will help guide future public health advocacy and investment, including the development of regional public health services. Online surveying for Eureka County was conducted and an in-person community review and verification workshop was conducted on May 23, 2024. County fact sheets will be available around the end of 2024.

## INTEGRATED PEST MANAGEMENT

Noxious and invasive weeds are widespread throughout Nevada and threaten the productivity of cropland, pasture and rangeland. I continue to serve on the county weed and rodent committee and assist local producers, Nevada Department of Agriculture, and Conservation Districts to provide research-based information for weed issues they encounter.

- Assisted Eureka County Public works in location and treating invasive weeds
- Participated in Pesticide Applicators workshops.

## AGRICULTURE/SUSTAINABLE AGRICULTURAL PRACTICES PROGRAM

Agriculture is a primary economic and social component of Eureka County. Providing research-based information to stakeholders to ensure sustainability of agriculture is important to all stakeholders in the county to assist long term economic and social viability of individual operations and the community.

- Provided Soil Health presentations in Eureka County and monitoring of soil health principles on farms in DV and Cottonwood Ranch.
- Participating in an alternative energy review in Diamond Valley by the Nature Conservancy for location of solar energy projects in Diamond Valley that incorporate agriculture as a dual purpose of the project. Working on securing a grant to implement an agrivoltaics solar demonstration project with Eureka County Natural Resources department, The Nature Conservancy, and UNR Extension, and a Diamond Valley producer to determine feasibility and potential dryland forage species to be utilized in agrivoltaics or dryland pasture locations.

## RANGELAND RESOURCES

Rangeland resources on both private and publicly managed lands are a crucial resource for Eureka County agricultural producers, hunters and recreationists and community. As a rural county, rangeland resources provide the foundations for all agricultural enterprises and serve as the basis for rural life and the culture and custom of the community.

- Continued serving on the Eureka County Natural Resources Advisory Committee (NRAC) to review natural resource issues on federally managed lands in Eureka County. Assisting NRAC update of the Natural Resources section of the Eureka County Master Plan by drafting new natural resource policy section to be vetted through NRAC and submitted to the County Commissioners.

## GREAT BASIN RESEARCH AND EXTENSION CENTER (GBREC)



GBREC in Diamond Valley, Nevada, is home to the Rafter 7 Merinos, where our mission is to enhance profitability in the sheep industry through top-tier genetics. We focus on dual-purpose bloodlines that improve wool production, lambing rates, hardiness, longevity, and herding instinct. Every September, we hold a Ram Sale featuring high-quality purebred Merino rams and our Rafter 7 Line of Merino X Rambouillet rams, both yearlings and two-year-olds.

With over 30 years of experience, we're dedicated to helping sheep producers improve their operations. Scott Huber has recently taken on the role of manager as of January 1, 2024, and Fabrizio Cartagena continues to manage our range and sheep operations, bringing over two years of expertise to the team. We look forward to supporting your sheep operation by being a resource for educational based knowledge, just as we have for our loyal clients!