

Warm Springs Rancher's Guide

Livestock grazing is one of the most important activities on the rangelands of Warm Springs. Proper management ensures the long-term sustainability of the land, your animals' welfare, and the economic interests of the ranch.



The *Warm Springs Rancher's Guide* covers many aspects of ranching on the reservation. It is brought to you by OSU Extension and the USDA Natural Resource Conservation Service in cooperation with the Warm Springs Range and Ag Department. We hope you find it a useful resource and we encourage you to participate our educational activities.

Table of Contents

Section 1: Resource Management
Integrated Resource Management Plan II
What is an AUM?
Designing grazing systems
Stocking rates and carrying capacity
Riparian grazing considerations
Strategies in grazing riparian areas
Using salt as a management tool
Grazing during spring greenup
Noxious weeds
Juniper encroachment
Cultural plants and livestock
Cows and wildlife

Section 2: Animal Production
Buying and growing young bulls
Breeding yearling heifers
Go easy on the calves
Crossbreeding
Reproduction
Body Condition Scores
Consistent breeding and calving seasons
Spring vs fall calving
Estimating weights
Deworming
Animal Health Calendar
Calving
Rating a calf's immune system
Calf weaning management
Dealing with the cold
Supplemental feeds
Common nutrition problems
Tips on livestock wrangling

Section 3: Economics
Economics of sustainability
Calf crop percent
Economics of everyday nutrition
Managing for profitability
Retained ownership
Wise livestock marketing
Shrinkage
How do you rate as a cattleman?

Section 4: Of current significance
Intertribal Agriculture Council
Beef Quality Assurance
Foot and mouth disease
Facts about BSE
Why do we have livestock at all?
Water quality
Animal welfare

Section 5: Horses
Management of the working cow horse
Feeds for light horses
Equine Infectious Anemia
Horse health
Colic treatment and prevention
Trailing a nervous horse
Mare's milk substitute

Section 6: Production Records
Grazing Records – Rangeland
Grazing & Weight Record
Livestock Record
BQA Calfhood Treatment Record
Sale Record