

PRIVATE LAND

**GRAZING PLANS**

**IN**

**THE BI-STATE AREA**

TRACEY JEAN WOLFE  
RANGELAND MANAGEMENT SPECIALIST  
NRCS YERINGTON FIELD OFFICE

# CLIENT CONSERVATION PLAN

- FOR PRIVATE LAND OWNERS WHO PARTICIPATE IN USDA NRCS PROGRAMS
  - NRCS DEVELOPS A CONSERVATION PLAN FOR THEIR PROPERTY BASED ON THEIR RESOURCE GOALS AND OBJECTIVES
  - THE PLAN LIST PRACTICES THAT THEY WILL IMPLEMENT
    - A “PRACTICE” IS A TYPE OF ACTION, I.E. PRESCRIBED GRAZING, FORAGE HARVEST, IRRIGATION WATER MANAGEMENT

**NRCS** WASHINGTON SERVICE CENTER  
2700 AVENUE OF THE STARS  
FREDERICKSBURG, VA 22407-2844  
(703) 498-1200

NO STOCK  
DISTRICT CONSERVATIONIST

### Conservation Plan

General Range: No Stock

**Brush Management**  
Remove, reduce or manipulate brush species to achieve the desired plant community. Remove brush and control seed production by chemical and mechanical means. Refer to 606-05 (04) for the attached form for 04-024, Brush Management (04) Conservation Practice Implementation Worksheet.

Date	Planned Amount	Acres	Year	Approx. Amount	Date
Total					

**Prescribed Grazing**  
Grazing will be managed according to a schedule that results in the best use of the soil, water, air, plant and animal resources and the objectives of the National Range and Wildland Conservation System. Refer to 606-05 (04) for the attached form for 04-024, Prescribed Grazing (04) Conservation Practice Implementation Worksheet, for 04-024 (04) Grazing Schedule Worksheet, and for 04-024 (04) Riparian Grazing Use Manual.

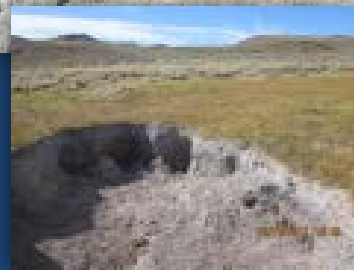
Date	Planned Amount	Acres	Year	Approx. Amount	Date
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# RESOURCE INVENTORY

## LAND OWNERS AND NRCS CONDUCT RESOURCE INVENTORY

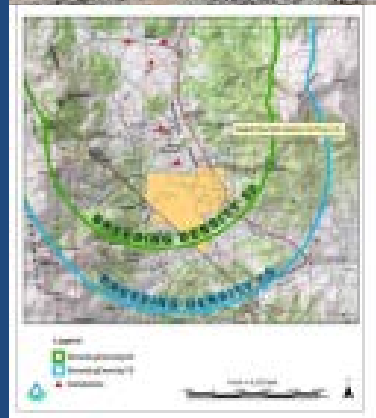
- ECOLOGICAL SITES
- PLANT SPECIES
- FORAGE PRODUCTION
- RESOURCE CONCERNS
  - SOIL EROSION, NOXIOUS WEEDS, ETC
- INFRASTRUCTURE
  - MAP FENCES, WATER, ETC.
- LIVESTOCK NUMBERS, CLASS ETC.



# WILDLIFE HABITAT INVENTORY

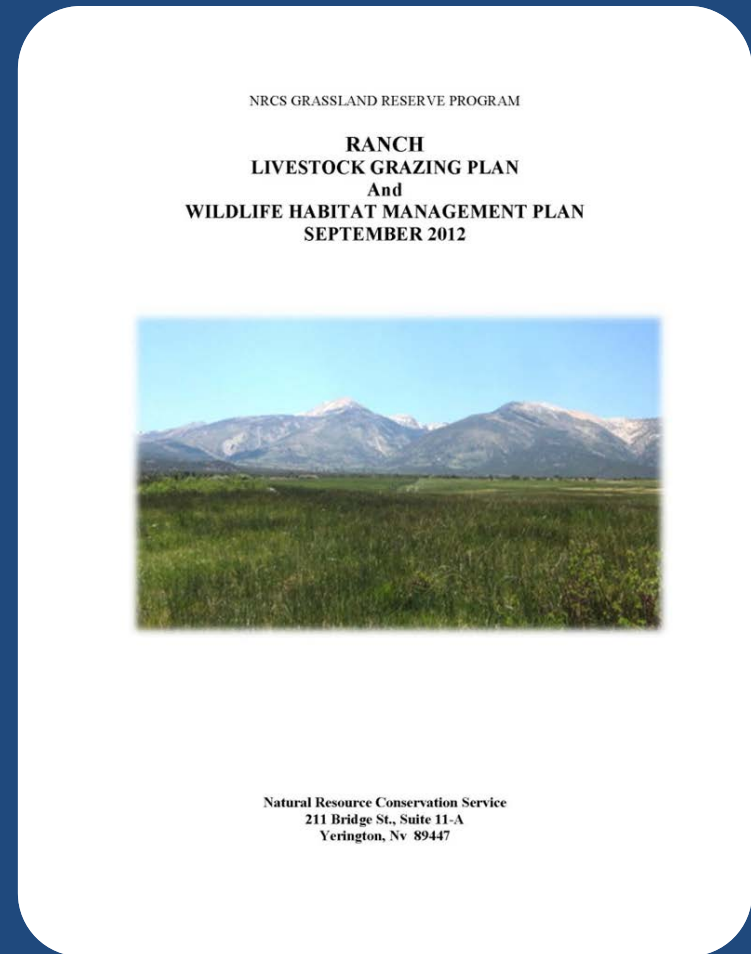
## LAND OWNER AND NRCS CONDUCT HABITAT INVENTORY AND ASSESSMENT

- EVALUATE SPECIES HABITAT FOUND ON PRIVATE LAND
- LOCATE
  - LEK SITES
  - BROODING/NESTING
  - LATE BROODING
  - WINTER
- INVENTORY IMPORTANT HABITAT COMPONENTS
  - (I.E. COVER, PLANT SPECIES, ETC)



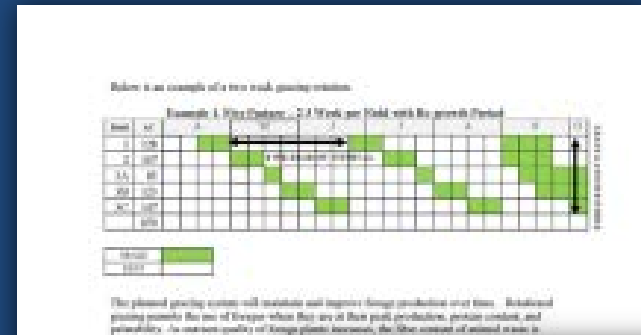
# PRESCRIBED GRAZING PLAN

- INCLUDED IN A PLAN
  - GOALS/OBJECTIVES
    - PRODUCE FORAGE FOR 250 HD COW/CALF YEAR ROUND
    - PROVIDE LATE BROODING HABITAT
  - KIND/CLASS, NUMBER LIVESTOCK
    - NO. COW/CALF, BULLS, YEARLINGS
    - NO. HORSES, LLAMAS
  - FORAGE QUANTITIES
    - AMOUNT OF FORAGE AVAILABLE FOR EACH FIELD
  - FORAGE ANIMAL BALANCE
    - FORAGE SURPLUSES AND DEFICIENCIES, SUPPLEMENTAL FEED



# PRESCRIBED GRAZING PLAN

- GRAZING SCHEDULE
  - NUMBER OF FIELDS, ACRES, PRODUCTION
  - GRAZING PERIOD
  - DEFERMENT/REGROWTH PERIOD
- KEY FORAGE SPECIES
- PROPER GRAZING USE
  - PLANT HEIGHT
  - USE LEVEL
- CONTINGENCY PLAN
- MONITORING PLAN
  - METHODS, KEY AREAS



The planned grazing system will maintain and improve forage production over time. Rotational grazing provides the use of forage when they are at their peak production, protein content, and palatability. As a result, quality of forage plants increases, the fiber content of animal waste is reduced and the reproductive rate of the plan generally improves. Greater dry matter is being produced (example: 1000 lbs of dry matter per acre).

Rotational grazing will also improve pasture during late summer. The plan requires that pastures be grazed in a sequence that allows forage to be available for 2-3 weeks.

OTHER TO DO

Plant Species	Plant Height	Use Level
Alfalfa		
Corolla Medicago		
Timothy		
Smooth Bromegrass		
Timothy-corn		
Timothy-corn-clover		
Orchard grass-corn		
Orchard grass-corn-clover		
Orchard		



# NRCS PRESCRIBED GRAZING STANDARDS AND SPECIFICATION

- NATIONAL RANGE AND PASTURE HANDBOOK
  - PREPARED BY GRAZING LAND SPECIALISTS
- NV PRESCRIBED GRAZING SPECIFICATIONS
  - SPECIFIC TO NEVADA (OR CALIFORNIA)
- LAND OWNER AGREES TO FOLLOW SPECIFICATIONS
- COMPLIANCE IS VOLUNTARY
- COMPLIANCE IS REQUIRED IF PRACTICE IS COST SHARED



# NV NRCS PRESCRIBED GRAZING SPECIFICATIONS FOR PASTURE

- SPECIFICATIONS
  - PLANT HEIGHT AND PHENOLOGICAL STAGE

EXAMPLE:

## *TALL FESCUE*

- BEGIN GRAZING AT 8 INCHES
- PHENOLOGICAL STAGE EARLY BOOT
- END GRAZING AT 4 INCHES
- REGROWTH PERIOD 30-35 DAYS





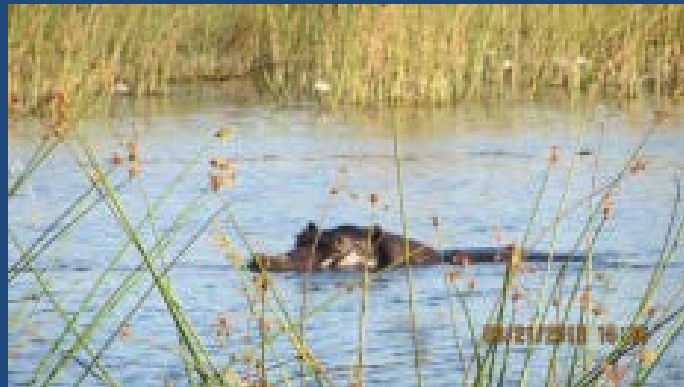
# NV NRCS PRESCRIBED GRAZING SPECIFICATIONS FOR RANGELAND

- SPECIFICATIONS
  - UTILIZATION OF KEY SPECIES
- GROWING SEASON
  - 50% USE LEVEL
  - GRASSES/FORBBS
  - SHRUBS
- DORMANT SEASON
  - 65% USE LEVEL



# NV NRCS PRESCRIBED GRAZING SPECIFICATIONS FOR RIPARIAN AREAS

- BASED ON GOAL OF PROVIDING
  - ADEQUATE COVER AND HEIGHT OF VEGETATION ON STREAMBANKS AND FLOODPLAINS
  - SUPPORT STREAM/WETLAND FUNCTIONS



# NV NRCS PRESCRIBED GRAZING SPECIFICATIONS FOR HAY OR CROP

- BASED ON EXISTING RESIDUAL FORAGE
- AMOUNT OF RESIDUAL FORAGE AFTER GRAZING I.E LBS/AC
- MINIMUM STUBBLE-HEIGHT



# NV NRCS PRESCRIBED GRAZING WITH SAGE-GROUSE HABITAT

- PLAN WILL ADDRESS SAGE GROUSE LIFE HISTORY NEEDS
- DOCUMENT GRAZING EFFECTS TO THE SPECIES HABITATS
- OBJECTIVES
  - MAINTAIN OR IMPROVE HABITAT
    - GRAZING SCHEDULE
    - COVER
    - PLANT HEIGHT
    - OTHER
  - MITIGATE HAZARDS



# NV NRCS PRESCRIBED GRAZING WITH SAGE-GROUSE HABITAT

- EARLY BROODING/NESTING HABITAT
  - GRAZING PRESCRIPTIONS
    - DEFER SPRING GRAZING
    - LIMIT USE LEVELS 50%
    - ROTATE SPRING USE AREAS BETWEEN YEARS



## HABITAT BENEFITS

- IMPROVE VIGOR OF GRASSES, FORBS



# NV NRCS PRESCRIBED GRAZING WITH SAGE-GROUSE HABITAT

- LATE BROODING HABITAT

- GRAZING PRESCRIPTIONS

- TWO OR MORE FIELDS  
ROTATE GRAZING USE
    - FOLLOW PLANT  
HEIGHT/REGROWTH SPEC

- HABITAT BENEFITS

- GRAZED FIELD PROVIDE  
ACCESS TO FORBS/INSECTS
    - REGROWTH PROVIDES  
COVER



# NV NRCS PRESCRIBED GRAZING WITH SAGE GROUSE HABITAT

- WINTER HABITAT
  - GRAZING PRESCRIPTION
    - LIMIT USE TO 65% OF GRASSES AND SHRUBS

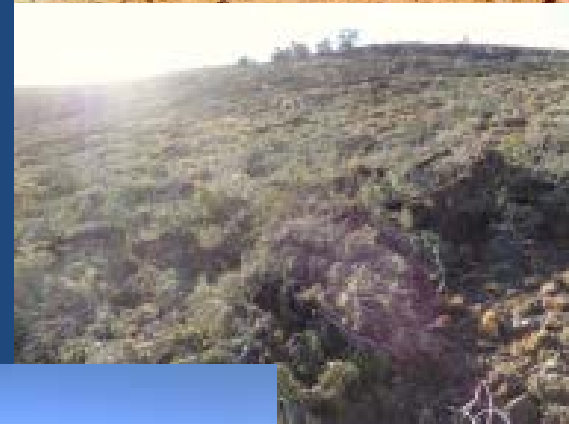
## HABITAT BENEFITS

- MAINTAINS COVER



# NV NRCS PRESCRIBED GRAZING WITH SAGE GROUSE HABITAT

- ADDITIONAL RECOMMENDATIONS/  
PRACTICES
  - REDUCE HAZARDS
    - MARK OR REMOVE FENCES
    - REMOVE PJ TREES
    - HAY CUTTING AFTER JULY
  - MAINTAIN/ENHANCE COVER
    - MAINTAIN COVER
    - INCREASE COVER





# NV NRCS PRESCRIBED GRAZING WITH SAGE GROUSE HABITAT

- ADDITIONAL RECOMMENDATIONS/  
PRACTICES
  - SHRUB ENCROACHMENT
    - REMOVE/REDUCE IN LATE BROODING HABITAT
    - IMPROVE MEADOWS
  - PASTURE/RANGE PLANTING
    - INCLUDE FORBS



# NV NRCS PRESCRIBED GRAZING WITH SAGE GROUSE HABITAT

- ADDITIONAL RECOMMENDATIONS/PRACTICES
  - DROUGHT
    - REST FROM GRAZING
  - DISPOSE OF ANIMAL CARCASSES PROPERLY
    - REDUCE PREDATORS/SCAVENGERS



# QUESTIONS?

