



CONSERVATION ENHANCEMENT ACTIVITY

E528J

CONSERVATION STEWARDSHIP PROGRAM

Prescribed grazing on pastureland that improves riparian and watershed function

Conservation Practice 528: Prescribed Grazing

APPLICABLE LAND USE: Pasture

RESOURCE CONCERN: Water

ENHANCEMENT LIFE SPAN: 1 year

Enhancement Description

Grazing management employed will provide cover and density needed in the watershed in order to reduce runoff, improve infiltration, provide for above ground water filtration and sustain applicable fish and wildlife species habitat.

Criteria

- Must follow a written plan for matching the forage quantity and quality produced with the grazing and/or browsing demand by livestock and wildlife.
- Enhance diversity of plants to optimize delivery of nutrients to the animals by incorporating the intensity, frequency, timing and duration of grazing and/or browsing needed as determined by a planning process that includes: 1) Clear objectives, 2) A resource inventory including a forage inventory, structural improvements, and existing resource conditions, 3) Grazing plan, and 4) A contingency plan.
- Supplemental feed and/or minerals will be balanced with the forage consumption to meet the desired nutritional level for the kind and class of grazing and/or browsing livestock.

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- Minimize concentrated livestock areas to enhance nutrient distribution and improve or maintain ground cover and riparian/floodplain plant community structure and functions.
- Manage grazing and/or browsing to provide adequate ground cover and plant density to maintain or improve infiltration capacity and reduce runoff.
- Provide adequate ground cover and plant density to maintain or improve filtering capacity of the vegetation by moving livestock appropriately.
- Graze and rest pastures appropriately and with the right numbers, class, and kind of livestock to maintain adequate riparian community structure and function to sustain associated riparian, wetland, floodplain and stream species.
- If nutrients are applied, soil testing and nutrient application will be done according to local land grant university guidance or equivalent.



Documentation and Implementation Requirements

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Participant will:

- Prior to implementation, obtain a written grazing plan that identifies the following:
 - o Goals and objectives of the plan
 - o Forage/Animal Balance
 - o A grazing plan narrative describing the basis for when livestock movement or rotation will occur.
 - o Contingency plans for forage shortfalls.
 - o Monitoring locations, key species, and monitoring techniques.
 - o Map identifying all permanent pastures, water sources, and any riparian area or watershed drainage locations improved or maintained by this management.

- Prior to implementation, a nutrient management plan will be developed if nutrients will be applied. The nutrient management plan will detail appropriate soil testing protocol and acceptable nutrient application tolerances.

- Prior to implementation, a copy of the developed grazing plan will be submitted to NRCS for review and approval.

- During implementation, consult with NRCS or a qualified grazing professional to adjust and adapt the grazing plan to current conditions. Changes to the grazing plan will be documented in writing.

- After implementation, make all records available for review by NRCS to verify implementation of the enhancement.

NRCS will:

- Prior to implementation, assist the participant with development of a grazing plan and nutrient management plan if requested to do so. If NRCS does not assist with plan development, the plan(s) will be reviewed by NRCS for approval prior to implementation.

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- During implementation, as requested, assist the participant with adapting the grazing strategy and plan to current conditions.
- After implementation, review written grazing records provided by the participant to determine if the grazing plan was adequately followed to protect or enhance riparian areas, wetland areas, or overall watershed function.
- After implementation, if nutrients have been applied, soil testing and application records will be reviewed to determine if nutrients have been applied responsibly.

NRCS Documentation Review:

I have reviewed all required participant documentation and have determined the participant has implemented the enhancement and management criteria and requirements.

Participant Name _____ Contract Number _____

Total Amount Applied _____ Fiscal Year Completed _____

NRCS Technical Adequacy Signature Date

*Sign and certify in the Oregon-Acknowledgment & Certification supplement below.



OREGON SUPPLEMENT TO CONSERVATION ENHANCEMENT ACTIVITY

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Additional Information and Documentation Requirements for Oregon

- In addition to the documentation requirements specified in the National job sheet E528J the following additional documentation requirements apply in Oregon.
 - Planner or Non-Affiliated Consultant must complete an Oregon Prescribed Grazing Implementation Requirement (528 IR) to accompany this enhancement.
 - Non-Affiliated Consultant Form – Available on the [OR SharePoint CSP Site](#)
 - For riparian grazing management strategies, a written narrative describing planned season of livestock grazing use to limit nutrients and or pathogen in surface water.
 - Specifications for this practice shall be prepared for each site based on a site by site evaluation.
 - When livestock exclusion is being implemented reference Oregon Fence Implementation Requirement (382 IR).
 - Monitoring will include actual use records, permanent photo points, and will be provided to NRCS annually.
 - Document adjustments to grazing plan as result of monitoring and assessment data.

Reference Documents:

The Pasture Condition Score and Forage Utilization forms can be found at the following location: [Pasture Condition Score and Guide](#); Section III eFOTG > Oregon Planning Documents > Grazing Land Inventory Documents

Stream Visual Assessment Protocol Version 2:
[SVAP2](#)

More information and forms on Key Species Forage Utilization and Photo-Point monitoring can be found in the following links:

[Key Species Utilization](#)

[Photo Plot Monitoring Guide](#)

Design Approvals & Acknowledgements:

Design Approval	Date	Job Approval Authority
Designed by:		
Approved by:		

Client's Acknowledgement Statement:

The client acknowledges:

- I have received a copy of the specification and understand the contents and requirements.
- It is my responsibility to obtain all necessary permits and/or rights and to comply with all ordinances and laws pertaining to the application of this practice.
- I will not begin installation of this practice until I have received appropriate approval to do so. I understand NRCS also has Federal and state laws to comply with that may take some time to address (e.g. cultural resources).

Client's Signature	Date

Certification Documentation:

	Field Evaluation: Post-treatment inventory, measurements, notes, as-built, and supporting documentation (document completion in conservation plan), as required.
	Map(s): Including field numbers, fields treated, and units treated (may document on conservation plan map), as required.
	Photos or other supporting documentation (e.g., seed tags, soil tests, receipts, invoices, spray records, fertilizer records, etc.)
Brief Description of Work Accomplished (types of equipment used, date of application, extents and quantities installed, etc.)	

Certification Statement:

The employee certifies the implementation of this conservation practice:

- Meets the purpose, general criteria, and any required additional criteria as documented in the conservation practice standard and/or enhancement sheet.
- Meets the specifications contained herein and is complete.
- Conforms to my existing Job Approval Authority controlling factors and levels.

Name	Date	Job Approval Authority

Field Level Certification – For multiple applications of this design.				
Land Unit/ Contract Item Number	Date	Unit(s)	Amount Installed	Certifier