



CONSERVATION ENHANCEMENT ACTIVITY

E528I

CONSERVATION STEWARDSHIP PROGRAM

Grazing management that protects sensitive areas-surface or ground water from nutrients

Conservation Practice 528: Prescribed Grazing

APPLICABLE LAND USE: Pasture, Range

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 protect sensitive areas such as sinkholes, streams, highly erodible areas, or locations with plants that cannot tolerate defoliation.

Criteria

- A written plan for matching the forage quantity and quality produced with the grazing and/or browsing demand by livestock and wildlife will be followed.
- 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.
- Plan the intensity, frequency, timing and duration of grazing and/or browsing that will:
 - Minimize deposition or flow of animal wastes into water bodies or sinkholes,
 - Minimize animal impacts on stream bank or shoreline stability,
 - Provide adequate ground cover and plant density to maintain or improve infiltration capacity and reduce runoff, and
 - Provide adequate ground cover and plant density to maintain or improve filtering capacity of the vegetation.
- Livestock feeding and watering facilities will be located and designed/installed in a manner to improve livestock distribution and avoid overland flow to sensitive areas.
- When nutrients are applied on pastureland, soil testing and nutrient application will be done according to local land grant university guidance or the equivalent there of.



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Documentation and Implementation Requirements

Participant will:

- Prior to implementation, obtain a written grazing plan that identifies the following:
 - The goals and objectives of the plan
 - Forage/Animal Balance
 - A grazing plan narrative describing the basis for when livestock movement or rotation will occur.
 - Contingency plans for forage shortfalls.
 - Monitoring locations, key species, and monitoring techniques.
 - A map identifying all permanent pastures, water sources, and any riparian area or other sensitive areas 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 amounts.
- Prior to implementation, a copy of the completed 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/or nutrient management plan, as requested.
- Prior to implementation, review the plan(s) if not developed by NRCS.
- Prior to implementation, review soil test analysis

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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 other sensitive areas.
- After implementation, review the nutrient management plan and application record to ensure nutrients were applied according to the plan.

NRCS Documentation Review:

I have reviewed all required participant documentation and have determined the participant has implemented the enhancements and met all 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

CONSERVATION STEWARDSHIP PROGRAM

E528I

Additional Information and Documentation Requirements for Oregon

- In addition to the documentation requirements specified in the National job sheet E528I 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:

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| | 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.) | |
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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 |
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