



CONSERVATION ENHANCEMENT ACTIVITY

E528M

CONSERVATION STEWARDSHIP PROGRAM

Grazing management that protects sensitive areas from gully erosion

Conservation Practice 528: Prescribed Grazing

APPLICABLE LAND USE: Pasture, Range

RESOURCE CONCERN: Soil

ENHANCEMENT LIFE SPAN: 1 year

Enhancement Description

Grazing management employed will provide vegetative cover and density needed in the watershed in order to protect sensitive areas such as sinkholes, streams, highly erodible areas, or locations that cannot tolerate plant defoliation.

Criteria

- Must follow a grazing written plan matching the forage quantity and quality produced with the grazing and/or browsing demand by livestock and wildlife.
- 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.
- Enhance diversity of rangeland 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 an erosion control planning process that includes:
 - Clear objectives,
 - A resource inventory of structural improvements, existing resource conditions, and forage.



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- A monitoring plan
 - A contingency plan
- Minimize concentrated livestock areas to enhance nutrient distribution and improve or maintain ground cover.
- Minimize deposition or flow of animal wastes into water bodies or sinkholes,
- Minimize animal impacts on stream bank or shoreline stability,
- Maintain adequate ground cover and plant density to maintain or improve infiltration capacity and reduce runoff, and
- Maintain 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.

North Dakota Sideboards:
Must meet 528.



Documentation and Implementation Requirements

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Participant will:

- ☐ Prior to implementation, obtain a written grazing plan with guidelines and recommendations for matching the forage quantity and quality produced with the grazing and/or browsing demand. Plan will include a contingency plan for potential events that trigger adverse results, such as concentrated flow and gully erosion.
- ☐ Prior to implementation, develop a map delineating potential sensitive areas to be protected.
- ☐ During implementation, keep livestock herd management records during seasonally important periods of soil erosion potential.
- ☐ During implementation, keep grazing utilization records for key grazing areas that accommodate the criteria above, indicating the protective nature of the grazing system to the sensitive areas.
- ☐ After implementation, make the follow items available for review by NRCS to verify implementation of the enhancement:
 - Written grazing plan.
 - Pasture/herd in/out records
 - Documented utilization records.

NRCS will:

- ☐ As needed, provide technical additional assistance to the participant as requested.
- ☐ Prior to implementation, provide and explain NRCS Conservation Practice Standard Prescribed Grazing (Code 528) as it relates to implementing this enhancement.
- ☐ Prior to implementation, as needed, assist participant with the development of map delineating potential sensitive areas to be protected.



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- ☐ Prior to implementation, verify a grazing plan has been developed, which includes written objectives.
- ☐ After implementation, verify implementation of the written grazing plan, by reviewing plan and records and utilization records kept during enhancement implementation.
- ☐ After implementation, verify the protection and condition of the sensitive areas.

NRCS Documentation Review:

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

Participant Name _____ Contract Number _____

Total Amount Applied _____ Fiscal Year Completed _____

NRCS Technical Adequacy Signature Date