

CONSERVATION ENHANCEMENT ACTIVITY

CONSERVATION STEWARDSHIP PROGRAM

E528M

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.

<u>Criteria</u>

- 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.

E528M - Grazing management that protects	August 2019	Page 1
sensitive areas from gully erosion		

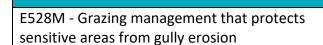


United States Department of Agriculture

- o A monitoring plan
- o A contingency plan

- CONSERVATION STEWARDSHIP PROGRAM
- 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.



August 2019



United States Department of Agriculture

Documentation and Implementation Requirements

CONSERVATION STEWARDSHIP PROGRAM 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.					
	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.					
	o Pasture/herd in/out records					
	o Documented utilization records.					
NR	RCS 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.					

E528M - Grazing management that protects	August 2019	Page 3
sensitive areas from gully erosion		



United States Department of Agriculture

	Prior to implementation, verify a grazing plar been developed, which includes written obje		CONSEI STEW	ARDS			
	After implementation, verify implementation written grazing plan, by reviewing plan and read utilization records kept during kept during	ecords	PROGRA cement implement				
	After implementation, verify the protection and condition of the sensitive areas.						
NR	CS Documentation Review:						
	ave reviewed all required participant documer ticipant has implemented the enhancement a						
Participant Name			_ Contract Number				
Pai	Ticipant Name	Co	ontract Number				
	al Amount Applied		ontract Number scal Year Comple				