

CONSERVATION ENHANCEMENT ACTIVITY

CONSERVATION STEWARDSHIP PROGRAM

E528J

<u>Prescribed grazing on pastureland that improves riparian</u> 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.

E528J – Prescribed grazing on pastureland	July 2019	Page 1
that improves riparian and watershed		
function.		



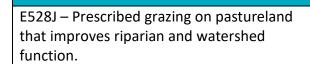
United States Department of Agriculture

 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.

North Dakota Sideboards: Must meet 528.





Documentation and Implementation Requirements

CONSERVATION STEWARDSHIP PROGRAM

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
 - A grazing plan narrative describing the basis for when livestock movement or rotation will occur.
 - Contingency plans for forage shortfalls.
 - o Monitoring locations, key species, and monitoring techniques.
 - 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 purificulty will be applied. The nutrient management plan w	vill detail app			
	protocol and acceptable nutrient application toler	rances.			
	Prior to implementation, a copy of the developed g NRCS for review and approval.	grazing plan	will be	submitted	l to
	During implementation, consult with NRCS or a quadjust and adapt the grazing plan to current cond will be documented in writing.	_			
	After implementation, make all records available for implementation of the enhancement.	or review by	NRCS t	o verify	
٠,	will.				

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.

E528J – Prescribed grazing on pastureland	July 2019	Page 3
that improves riparian and watershed		
function.		



United States Department of Agriculture

 During implementation, as requested, a participant with adapting the grazing st plan to current conditions. 	
	razing determine if the grazing plan was adequately a areas, wetland areas, or overall watershed
•	been applied, soil testing and application if nutrients have been applied responsibly.
NRCS Documentation Review:	
I have reviewed all required participant docum participant has implemented the enhancemen	
Participant Name	Contract Number
Total Amount Applied	Fiscal Year Complet <mark>ed</mark>
NRCS Technical Adequacy Signature	Date

E528J – Prescribed grazing on pastureland	July 2019	Page 4
that improves riparian and watershed		
function.		