



CONSERVATION ENHANCEMENT ACTIVITY

E528E

CONSERVATION STEWARDSHIP PROGRAM

Improved grazing management for enhanced plant structure and composition for wildlife

Conservation Practice 528: Prescribed Grazing

APPLICABLE LAND USE: Pasture; Range; Forest; Associated Ag Land

RESOURCE CONCERN: Plants

ENHANCEMENT LIFE SPAN: 1 year

Enhancement Description

Managing the harvest of vegetation with grazing and/or browsing animals for the purpose of improving the quantity and quality of the structure and composition of the plant community that is available for wildlife.

Criteria

- Must follow a written plan for matching the forage quantity and quality produced with the grazing and/or browsing demand.
- Removal of herbage will be in accordance with site production limitations, rate of plant growth, the physiological needs of forage plants, and the nutritional needs of the animals.
- Deferment (non-grazing period less than one year) and/or rest (non-grazing period equal or greater than one year) will be planned for critical periods of plant needs (such as post-planting or renovation, severe drought, etc.).
- Manage grazing and/or browsing animals to maintain adequate cover on sensitive areas (such as riparian areas, wetlands, habitats of concern, karst areas, etc.)

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- Manage livestock movements based on rate of plant growth, available forage, and allowable utilization target. Develop and follow contingency plans to deal with episodic disturbance events.
- Both the specie(s) of concern and the plant functional groups providing structure and composition will be identified in the objectives of the prescribed grazing plan.
- Plan the intensity, frequency, timing and duration of grazing and/or browsing to provide for the development and maintenance of the plant structure, density and diversity needed for the desired fish and wildlife species of concern.
- Manage the afore-mentioned aspects of grazing events to maintain a minimum score of 0.60 when evaluated with the state NRCS Wildlife Habitat Evaluation Guide (WHEG).



Documentation and Implementation Requirements

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Participant will:

- Prior to implementation, obtain a written grazing plan (NRCS can provide assistance as needed). Plan must include:
 - Clear goals and objectives of the plan, including identification of the specie(s) of concern and the plant functional groups providing structure and composition.
 - Contingency plan for events that trigger adverse results.
 - Forage/Animal Balance.
 - A grazing plan narrative describing the basis for when livestock movement or rotation will occur, including deferment plans.
 - Contingency plans for forage shortfalls.
 - 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, work with NRCS to complete an assessment of the site using the state's approved NRCS Wildlife Habitat Evaluation Guide (WHEG).

- During implementation, keep the following documentation:
 - Livestock herd management records with seasonally important phenological stages of plant growth relative to species of concern.
 - Annually complete a forage utilization worksheet, such as NRCS Conservation Practice Standard Prescribed Grazing (Code 528) job sheet.
 - Grazing intensity records for all key grazing areas that accommodate the criteria.

- During implementation, consult with NRCS to adjust and adapt the grazing plan to current conditions to verify the changes meet enhancement criteria. Changes to the grazing plan will be documented in writing.

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- After implementation, make all records available for review by NRCS to verify implementation of the enhancement.
- After implementation, complete an assessment of the site with NRCS using the state's approved NRCS Wildlife Habitat Evaluation Guide (WHEG).

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, including any state approved job sheets or work sheets.
- Prior to implementation, complete an assessment of the site with the participant using the state's approved NRCS Wildlife Habitat Evaluation Guide (WHEG).

Species of Concern: _____

WHEG score before implementation: _____

WHEG score after implementation: _____

- Prior to implementation, assist the participant with development of a grazing plan, if requested. If NRCS does not assist with plan development, the plan(s) will be reviewed by NRCS for approval prior to implementation to confirm the written objectives meet the criteria of the enhancement.
- Prior to implementation, explain the functionality of this enhancement with Enhancement E314A, if sequentially applicable.
- During implementation, as requested, assist the participant with adapting the grazing strategy and plan to current conditions.
- After implementation, review grazing plan, records, and documentation to verify the enhancement was implemented to meet the criteria.
- After implementation, complete an assessment of the site with the participant using the state's approved NRCS Wildlife Habitat Evaluation Guide (WHEG).

WHEG score after implementation: _____

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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



**CSP 2020
Mississippi Supplement
E528E**

**Grazing Management For Improving Quantity And Quality Of Plant
Structure And Composition For Wildlife**

Documentation Requirements:

- **Landowner must be provided with attached job sheet, MS-ECS-528-01(JS/SS).**
 - ✓ **The producer will need to follow a prescribed grazing plan for managing the harvest of vegetation with grazing and/or browsing animals for the purpose of improving the quantity and quality of the structure and composition of the plant community that is available for wildlife to achieve a WHEG value of 0.60. (Record producer's targeted wildlife species decisions in the "Other Management" section of the attached job sheet.)**
 - ✓ **State targeted species and minimum heights:**
 - **for adapted (Bahia, Dallas, clovers, or other introduced grasses approved by NRCS area biologist) grass pastures is the Eastern Meadowlark and 5 inches.**
 - **for native grass pastures is the Northern Bobwhite and 8 inches.**
- **MS_WHEG_01-19-17 Pasture-Hayland Habitat index evaluation must be completed for both before implementation and after implementation of this enhancement. Minimum WHEG value for after implementation must be 0.6.**
- **Map(s) delineating the area that will be treated.**



PRESCRIBED GRAZING SPECIFICATIONS

MS-ECS-528-01 (JS/SS)
APRIL 2012

LANDOWNER _____

COUNTY _____

FSN _____

TRACT _____

FIELD NO (S.) _____

PLANTS _____

HEIGHT TO BEGIN GRAZING _____

MINIMUM GRAZING HEIGHT _____

GROWTH STAGE FOR HAY HARVEST _____

FERTILIZER AND LIME (FROM NUTRIENT MANAGEMENT SPECIFICATIONS)

LIMING RECORD

Table with 3 columns: FIELD NO., YEAR, WEED CONTROL. Includes three rows of blank lines for data entry.

GRAZING SYSTEM: (Each pasture should receive 18-30 days rest, depending on growing conditions.) Stocking rate (total AUM x AC ÷ 12)

OTHER MANAGEMENT _____

DISTRICT CONSERVATIONIST _____

LANDOWNER/OPERATOR _____

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