



CONSERVATION ENHANCEMENT ACTIVITY

E383135Z

CONSERVATION STEWARDSHIP PROGRAM

Grazing-maintained fuel break to reduce the risk of fire

Conservation Practice 383: Fuel break

APPLICABLE LAND USE: Forest and Range

RESOURCE CONCERN ADDRESSED: Degraded Plant Condition

ENHANCEMENT LIFE SPAN: 10 Years

Enhancement Description:

The area has existing fuel break(s) of 30 to 60 feet in width, supporting a mixture of woody sprouts and some herbaceous vegetation. Warm-season perennial vegetation will be established on the fuel breaks, and will be over-seeded with cool-season annual forages in the fall. Grazing will be managed on the fuel breaks to remove or modify the fine fuel vegetation, thus reducing the risk of fire spread from ground fires. Ground cover will be maintained to control soil erosion and facilitate prescribed burning.

Criteria:

States will apply general criteria from the NRCS National Conservation Practice Standard Fuel Break (Code 383) as listed below, and additional criteria as required by the NRCS State Office.

- Fuel breaks MUST be already existing for this enhancement to apply. A fuel break has been constructed around the property or around the targeted site to minimize the risk of damaging wildfires and to enhance the ability to conduct prescribed burning.
- Fuel breaks will be planted with desirable warm-season perennial vegetation as prescribed by local grazing land specialists. Over-seeding with desirable cool season annual forages will take place in the fall.
- The vegetation on the fuel break will be managed using a prescribed grazing plan. Animal stocking levels and rotation periods are designed to manage vegetation and avoid harm to sensitive plants.
- Manage grasses and forbs to minimize fine fuels.



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- If trees or shrubs are not sufficiently controlled through grazing management, single-tree treatment with saws or chemicals will be applied.
- If herbicides are used, refer to criteria in NRCS Conservation Practice Standard Integrated Pest Management (Code 595).
- If existing firebreaks do not meet the Colorado width requirements then they need to be enlarged to meet CO Specifications.
- Perennial vegetation present or seeded must be suitable and adapted to the site. Non-native perennials will not be applied. It is acceptable for native cool season grasses to occur in fuel breaks. Only annual, cool season forages will be interseeded into fuel breaks.
- Any tree removal to maintain the fuel break will consider nesting periods for applicable migratory birds. Prescribed burning if utilized will be planned according to nesting periods for applicable migratory birds, with considerations to early or late nesting applicable species.



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Documentation and Implementation Requirements:

Participant will:

- Prior to implementation, determine and document the existing fuel breaks on the enrolled acres. Provide as much detail as possible such as length, average width, existing vegetation and past management activities. (NRCS will provide technical assistance, as needed)
- Prior to implementation, determine and document those sites capable of integrating into a grazing management plan with the establishment of desirable warm-season perennial vegetation and cool season annual forages. (NRCS will provide technical assistance, as needed)
- Prior to implementation, develop or update a prescribed grazing plan to guide the establishment of forages, animal stocking levels and rotation periods. Provide to NRCS field office. (NRCS will provide technical assistance, as needed)
- (If prescribed burning is used) Prior to implementation, in combination with grazing to manage vegetation, develop or update a prescribed burn plan to guide the frequency and duration of burning. Provide to NRCS. (NRCS will provide technical assistance, as needed)
 - Prior to implementation of a prescribed burn, assess the existing fuel load using appropriate tools and methods for the geographic area. Determine the need for pre-treatment of the vegetation and fuels to facilitate a desired fire intensity to achieve the vegetation objectives. Apply as needed, complimentary NRCS Conservation Practice Standards such as Firebreak (Code 394) and Woody Residue Treatment (Code 384) to achieve appropriate conditions. (NRCS will provide technical assistance, as needed)
 - Prior to implementation, acquire a written burn plan for the enrolled land use acres that meets the NRCS Conservation Practice Standard Prescribed Burning (Code 338) and any additional state NRCS requirements. Provide to NRCS for review and approval.
 - Prior to implementation of a prescribed burn, acquire all necessary approvals and permits (local, state, federal as applicable).
 - During implementation, and prior to ignition of each prescribed burn, acquire a current fire weather forecast and ensure all weather conditions are within those prescribed in the written burn plan. If conditions are not within prescription, postpone burn.
 - During implementation, and prior to ignition of any prescribed burn, notify NRCS to confirm NRCS verification for any planned changes will meet NRCS or State required enhancement criteria.
 - After implementation of each prescribed burn, conduct a post-burn evaluation as required within the burn plan and provide to NRCS.



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- During implementation, install and maintain erosion control measures as needed for the site. (NRCS will provide technical assistance, as needed.)
- After implementation, provide NRCS documentation of the vegetation established and timing of grazing activities on the fuel break.

NRCS will:

- Prior to implementation, as needed, provide technical assistance in determining sites for enhancement implementation that meet specified criteria.
- Prior to implementation, NRCS will provide participant recommendations for suitable perennial and annual vegetation establishment and provide assistance in development or revision of a prescribed grazing plan.
- Prior to implementation, as needed, provide explanation and technical assistance to the following NRCS Conservation Practice Standards as they relate to implementing this enhancement.
 - Prescribed Burning (Code 338).
 - Fuelbreak (Code 383).
 - Firebreak (Code 394).
 - Woody Residue Treatment (Code 384).
 - Integrated Pest Management (Code 595).
 - Additional Conservation Practice Standards for erosion control, as needed for the site.
- (If prescribed burning is used) Prior to implementation, review and certify the prescribed burn plan meets the enhancement criteria and any additional state NRCS requirements.
- Prior to implementation, review the prescribed grazing plan to ensure objectives of the enhancement will be met when used in combination with all other practices.
- During implementation, evaluate any planned changes to verify they meet the enhancement criteria.
- (If prescribed burning is used) After implementation of each prescribed burn, review the post burn evaluation provided by the participant. Discuss any encountered issues, and as needed, provide assistance for changes in planning and procedure for the remaining prescribed burns.
- After implementation, review documentation of the vegetation established and timing of grazing activities on the fuel break to verify the enhancement was implemented to meet the enhancement criteria.



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.

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Participant Name _____ Contract Number _____

Total Amount Applied _____ Fiscal Year Completed _____

NRCS Technical Adequacy Signature

Date

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