



CONSERVATION ENHANCEMENT ACTIVITY

E338A

CONSERVATION STEWARDSHIP PROGRAM

Strategically planned, patch burning for grazing distribution and wildlife habitat

Conservation Practice 338: Prescribed Burning

APPLICABLE LAND USE: Forest, Pasture, and Range

RESOURCE CONCERN: Plants

ENHANCEMENT LIFE SPAN: 1 year

Enhancement Description

Patch burn grazing is the application of prescribed fires on portions of an identified grazing unit at different times of the year. Patch burn grazing allows grazing animals to select where they want to graze creating a mosaic of vegetation structures and diversity that will maintain or enhance the wildlife habitat desired for the identified wildlife species and maintain livestock production.

Criteria

Each burn event will cover 10% to 50% of any grazing unit’s acreage. Subsequent individual burn events will occur during different seasons, as applicable by MLRA, whether conducted during the same year or a subsequent year as the prior burn event. Appropriate burn periods will be based on desired objectives, and local conditional requirements.

The following examples are to be used for illustration purposes only:

- Grazing unit A is burned in March. Another part of grazing unit A is burned in August of the same year.
- Grazing unit A is burned in March. Grazing unit B is burned in August two years later.
- Grazing unit A is burned in March. Grazing unit C is burned in August of the same year.
- At least two burn applications will be applied during the contract period.

E338A – Strategically planned, patch burning for grazing distribution and wildlife habitat	January 2022 - Colorado	Page 1
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CONSERVATION STEWARDSHIP PROGRAM

- Annual application by burning different patches each year or different patches in different seasons in one year is acceptable and desirable for many wildlife species.
- Prescribed burning will be planned and applied in a manner to meet the habitat requirements for wildlife species of concern as determined by the state's NRCS Wildlife Habitation Evaluation Guide (WHEG).
- Conduct treatments during periods of the year that accommodate reproduction and other life-cycle requirements of target wildlife and pollinator species.
- Evaluate wildlife habitat with the state NRCS Wildlife Habitat Evaluation Guide (WHEG) and manage for a WHEG value of 0.60 or greater.
- A written prescribed burn plan for each burn that meets or exceeds NRCS Conservation Practice Standard Prescribe Burning (Code 338) criteria. A modified narrative conservation plan that demonstrates how burning will be used in conjunction with grazing and other conservation practices. This narrative needs to include, objectives, target vegetation and wildlife species, evaluation of including burning on environmental effects, general projected burning time line over multiple years, grazing plan over multiple years, possible contingency needs. This narrative plan also needs to explicitly explain the feasibility/capability of implementing burning on this property - Who will be writing the plan, who will be implementing and monitoring the plan. The purpose of this is to make sure that burning fits into the larger conservation goals of the resources and manager
- A written prescribed burn plan for each burn that meets or exceed NRCS Conservation Practice Standard Prescribed Burning (Code 338) and associated documentation. This burn plan and prescription parameters need to be approved by an NRCS employee with the appropriate Job Approval Authority.
- A written grazing plan that meets or exceeds NRCS Conservation Practice Standard Prescribed Grazing (Code 528) and other association documents. This plan will include wildlife habitat criteria and demonstrate grazing and rest periods in relationship to projected burns.

E338A – Strategically planned, patch burning for grazing distribution and wildlife habitat	January 2022- Colorado	Page 2
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CONSERVATION STEWARDSHIP PROGRAM

Documentation and Implementation Requirements

Participant will:

- Y 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 and clearly identify the wildlife species of concern for the area that includes a Wildlife Habitat Evaluation Guide.
- Y Prior to implementation, obtain a written prescribed burn plan with map delineating the areas that will be burned, burn prescription, timing of burn, and method of burn.
- Y During implementation, keep grazing/herd in/out records,
- Y During implementation, keep prescribed burn documentation such as date, weather conditions, etc.
- Y After implementation, make the following items available for review by NRCS to verify implementation of the enhancement:
 - o Written grazing plan, including Wildlife Habitat Evaluation Guide with before and after evaluation values.
 - o Grazing /herd in/out records
 - o Prescribed burn plan with documentation of conditions during implementation.

NRCS will:

- Y Prior to implementation, provide and explain NRCS Conservation Practice Standard Prescribed Burning (Code 338) as it relates to implementing this enhancement.
- Y As needed, provide technical additional assistance to the participant as requested.
- Y After implementation, complete forage utilization jobsheet for NRCS Conservation Practice Standard Prescribed Grazing (Code 528).
- Y After implementation, verify implementation of the written grazing plan, by reviewing plan and grazing/herd in/out records kept during enhancement implementation.

E338A – Strategically planned, patch burning for grazing distribution and wildlife habitat	January 2022 - Colorado	Page 3
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CONSERVATION STEWARDSHIP PROGRAM

Y After implementation, verify the completed and certified Wildlife Habitat Evaluation Guide (WHEG) has a total score after implementation of equal or greater than 0.60.

WHEG score after = _____

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