

**NATURAL RESOURCES CONSERVATION SERVICE  
CONSERVATION PRACTICE STANDARD**

**PRESCRIBED BURNING**

**(Ac.)**

**CODE 338**

**DEFINITION**

Controlled fire applied to a predetermined area.

**PURPOSE**

- Control undesirable vegetation.
- Prepare sites for harvesting, planting or seeding.
- Control plant disease.
- Reduce wildfire hazards.
- Improve wildlife habitat.
- Improve plant production quantity and/or quality.
- Remove slash and debris.
- Enhance seed and seedling production.
- Facilitate distribution of grazing and browsing animals.
- Restore and maintain ecological sites.

**CONDITIONS WHERE PRACTICE APPLIES**

This practice applies on all lands as appropriate.

**CRITERIA**

**General Criteria Applicable to All Purposes**

All prescribed burns shall address the following items:

- Location and description of the burn area.
- Pre-burn vegetation cover.

- Resource management objectives.
- Required weather conditions for prescribed burn.
- Notification check list.
- Pre-burn preparation.
- Equipment checklist/personnel assignments and needs/safety requirements.
- Post burn evaluation criteria.
- Firing sequence.
- Ignition method.
- Approval signatures

The procedure, equipment, and the number of trained personnel shall be adequate to accomplish the intended purposes.

The expected weather conditions, human and vehicular traffic that may be impeded by heat or smoke, liability (e.g., utility lines) and safety and health precautions shall be integrated into the timing, location and expected intensity of the burn.

Timing of burning will be commensurate with soil and site conditions to maintain site productivity and minimize effects on soil erosion and soil properties (structure, soil moisture).

Weather parameters and other data that affect fire behavior should be monitored during the burn. Carbon release should be minimized by the timing and burn intensity.

The location of utilities such as electric power lines and natural gas pipelines will be indicated in the plan and on the burn plan map so as to prevent damage to the utility and avoid personal injury.

Conservation practice standards are reviewed periodically, and updated if needed. To obtain the current version of this standard, contact the Natural Resource Conservation Service.

**NE-T.G. Notice 596  
Section IV  
NRCS-JUNE 2008**

## PRESCRIBED BURNING (338)-2

Smoke impacts must be evaluated before the burn and should be monitored during the burn. Refer to the Smoke Management Plan for guidance on minimizing impacts from smoke during a prescribed burn.

All applicable federal, state, and local laws must be complied with, including all elements required in a prescribed burn plan according Nebraska State Statute 81-520. A burn permit from the local fire district must be obtained.

### CONSIDERATIONS

Burning should be managed with consideration for wildlife needs such as nesting, feeding and cover.

Existing barriers such as lakes, streams, wetlands, roads and constructed firebreaks are important to the design and layout of this practice.

Notify adjoining landowners, local fire departments and public safety officials as appropriate within the airshed prior to burning.

### PLANS AND SPECIFICATIONS

Specifications for individual prescribed burn management plans will be prepared by certified individuals as described in Nebraska's

Policy for Participation in the Planning and Application of Prescribed Burns located in the Nebraska Supplement, Appendix A. of the National Range and Pasture Handbook. Burn plans will be prepared for each site following Prescribed Burn Design Procedures (338DP), located in the eFOTG, Section IV and recorded using Prescribed Burn Management Plan (NE-ECS-72). All necessary permits must be obtained and a burning plan developed before implementation of the practice.

### OPERATION AND MAINTENANCE

The kinds and expected variability of site factors (e.g., fuel condition and moisture content, weather conditions, human and vehicular traffic that may be impeded by heat or smoke, liability, and safety and health precautions) shall be monitored during the operation of this practice. Sufficient fire suppression equipment and personnel shall be available commensurate with the expected behavior of these factors during the time of burning to prevent a wildfire or other safety, health or liability incident.

Maintenance shall include monitoring of the burned site and adjacent areas until ash, debris and other consumed material is at pre-burn temperatures.