

**NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE STANDARD**

PRESCRIBED BURNING

(Acre)

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 forage 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 as stated in the burn plan.

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).

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.

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.

Identify the location of utilities such as electric power lines and natural gas pipelines on prescribed burn map to prevent damage to the utility and avoid personal injury.

Smoke impacts should be considered before the burn and monitored during the burn. Comply with applicable federal, state, and local laws and regulations during the implementation of this practice.

CONSIDERATIONS

Burning should be managed with consideration for wildlife and pollinator 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 within the airshed prior to burning.

Consider cultural resources and threatened and endangered plants and animals when planning this practice.

PLANS AND SPECIFICATIONS

A written burn plan will be prepared by certified individuals. Specifications for applying this practice shall be prepared for each site and recorded using approved specification sheets, job sheets (Form KS-ECS-338, Prescribed Burn), technical notes, and narrative statements in the conservation plan, or other acceptable documentation. All necessary permits must be obtained before implementation of the practice.

As a minimum, a prescribed burn plan will include:

- Map indicating the location of the burn
- Resource management objectives and timing of the burn
- Pre-burn vegetative description of the area
- Acceptable conditions for prescribed burn
- Description of pre-burn preparation
- Description of the firing technique to be used
- Equipment/personnel/safety requirements
- Special precaution areas

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 such time as ash, debris, and other consumed material is at pre-burn temperatures.