

# Burn Prescription and Plan

**Project Title:** \_\_\_\_\_

**Plan date:** \_\_\_\_\_

**Project Location**

**Plan prepared by:** \_\_\_\_\_

Legals \_\_\_\_\_

**Burn number:** \_\_\_\_\_

Nearest crossroads \_\_\_\_\_

**Land owner:** \_\_\_\_\_

GPS coordinates:

**Land operator:** \_\_\_\_\_

latitude \_\_\_\_\_ longitude \_\_\_\_\_

Directions to site: \_\_\_\_\_

---

## Burn Objectives

Remove trees and brush

Enhance animal performance

Control invasive species

Improve plant vigor

Remove old growth, thatch

Reduce wildfire fuel

Improve wildlife habitat

Improve grazing distribution

Other

---

## Fuel Type

Grass

Mixed grass and brush

Tree understory

---

## Preparation and Pre-burn Meeting

Firebreaks will be prepared by: \_\_\_\_\_

Permits will be obtained by: \_\_\_\_\_

Neighbors will be identified and notified by: \_\_\_\_\_

Dispatch will be notified morning of and just before burn by: \_\_\_\_\_

Crew will meet at \_\_\_\_\_ AM / PM for a preconference the day of the burn.

Burn will start approximately at \_\_\_\_\_ AM / PM.

---

## Weather Conditions Needed

Wind speed: steady at 5 to 15 MPH

Air Temperature: 40° to 80° F

Wind direction: from the \_\_\_\_\_

Cloud Cover: clear to 70% max

Fuel Condition : Moderately dry

Haines Index: 3-5

Relative Humidity: 20-60%

Mixing Height: 2000 feet or higher

Will obtain a NOAA weather forecast for at least 48 hours prior to burn from <<http://www.noaa.gov/>> and a day-of-burn HOURLY NOAA weather forecast - wind speed/direction/temperature/humidity. A copy of the hourly forecast will be printed to document conditions at the time of the burn. On site weather conditions will be measured and monitored prior to ignition and for the duration of the burn.

---

## Hazards

---

---

---

---

---

---

---

## Firelines

1. Fire breaks will be constructed around the entire perimeter of the area to be burnt.
2. The fire break will consist of a mowed path the width of which is 10 times the height of the surrounding vegetation or a minimum of 20 feet wide.
3. In areas where it is too steep or rough for the mower a dozer will be used to create a bare soil condition.
4. All large eastern red cedars within 100-150 feet of the fire break will be removed and dragged out into the area to be burnt.

---

## Equipment (list number of each item needed and mark deployment position on the burn site map)

- |   |                         |
|---|-------------------------|
| _____ Auxiliary water tanker (minimum 1000 gallons)                     | _____ Kestral           |
| _____ Pickup sprayer (250 gallons, 5 gallons/minute pump)               | _____ chainsaw          |
| _____ Pickup sprayer (250 gallons, 30 gallons/minute pump)              | _____ fire swatter      |
| _____ ATVs or UTVs with 15 gallon spray units                           | _____ backpack sprayers |
| _____ Hand held radios  | _____ shovels           |
| _____ Ignition devices (drip torch, matches, firestick, butane lighter) | _____ rakes             |
| _____ Backup fuel for drip torch and other equipment                    | _____ fire broom        |
| _____ Transfer pump   | _____ leaf blower       |
| _____ Appropriate clothing  | _____ fence pliers      |

---

## Crew (list number of each needed)

- \_\_\_\_\_ Burn boss
- \_\_\_\_\_ Igniters
- \_\_\_\_\_ Sprayer Truck (2/truck)
- \_\_\_\_\_ Lookouts
- \_\_\_\_\_ Suppression

## Firing Methods

Burn boss will review all firebreaks prior to ignition to check if they are adequate and not compromised. A test burn will be conducted to determine fire behavior prior to igniting the first fireline. Pattern and sequence of firing will follow plan drawn on map unless modified by burn boss on day of burn due to changed conditions.

---

---

---

---

---

---

---

---

## Mop Up

All smoking fuels will be doused with water or broken up with tools throughout the burn unit. All burning or smoldering embers within 100 feet of the burn unit edge will be extinguished. Any trees burning or smoldering within 200 feet of the edge of the burn unit will be addressed.

Weather will be monitored for 48 hours post-burn and the burn site will be visited at least once per day until all smoldering ceases. If high winds are predicted, all fuels will be extinguished prior to the wind event.

## Post-burn Meeting

Sheriff and fire department will be notified that fire is out. Crew will discuss what went well during the burn and what could be improved for next time. Constructive criticism will be offered to improve techniques and communication.

## Contingency Plan

Safety zones, escape routes, and gate locations will be identified, marked on map and discussed with crew at pre-burn briefing. Equipment to establish an emergency firebreak will be on site (disk or bulldozer or similar equipment). The fire boss will determine when to call the fire department for assistance.

Fire Department \_\_\_\_\_ Phone \_\_\_\_\_

Medical Emergency \_\_\_\_\_ Phone \_\_\_\_\_

## Post-burn Assessment

---

---

---

---

---

---

---

---

---

**Notification List** (name and phone number)

Fire Department \_\_\_\_\_

Fire Department \_\_\_\_\_

County Dispatch \_\_\_\_\_

County Dispatch \_\_\_\_\_

Neighbor N \_\_\_\_\_

Neighbor S \_\_\_\_\_

Neighbor E \_\_\_\_\_

Neighbor W \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

---

Landowner

Date

Burn Boss