



Prescribed-Burn Management Plan

**NE-ECS-72**

<b>Owner/Operator Name</b>		<b>Unit Name</b>	
<b>Address</b>			
<b>Legal Description</b>			
<b>Acres</b>		<b>Job Class</b>	
<b>County</b>		<b>Phone</b>	
<b>Fax/Cell</b>		<b>E-mail</b>	

I. Objectives to be Accomplished through Prescribed Burning

--

II. Management Needed to Accomplish Prescribed Burning and Meet Objectives

<b>A. Before Burn</b>	
<b>B. After Burn</b>	

III. Fire Plan

<b>A. Map</b>	<i>Attach a map of the burn unit with holding-line locations and type, prescribed wind direction, firing sequence, water sources, unit and surrounding fuels, and access routes delineated.</i>
<b>B. Burn Boss</b>	To be determined
<b>C. Type and Dimensions of Holding Lines &amp; Surrounding Fuels</b>	<p>North –          East –          South –          West –</p> <p>Surrounding Fuels – See Map</p>

III. Fire Plan (Continued)

<p><b>D. Firing method for blacklines and main fire</b></p>	<p>Weather will be checked and recorded every ½ hr by a designated weather person and relayed to the burnboss and crew <b>All ignition sequences and resource assignments may be adjusted at the discretion of the burn boss to respond to changing conditions</b></p>	
<p><b>E. Contingency Plans</b></p>	<p style="text-align: center;"><b>Escape Response</b></p> <p>Designate an Initial Attack suppression unit from each team as first responder to an escape on each side of the burn unit. Escapes or spot fires should first be attacked or approached <b>ONLY FROM THE UPWIND SIDE</b> by any unit or personnel. With safety as the highest priority, designated units and spotters/patrol units will respond initially to suppress any fire outside the unit. The burnboss will be immediately alerted of the situation, and kept informed of progress. If the initial efforts at containment are unsuccessful, the burnboss will order all ignitions to cease as possible, and assign additional units to respond to the escape. All other units will hold original positions. The burnboss will be responsible for contacting local mutual aid if deemed necessary to contain the escape.</p> <p style="text-align: center;"><b>Wind-Change Response</b></p> <p>If the team experiences a sustained major wind direction shift during the burn, the burnboss will evaluate the feasibility of safely continuing the burn vs. extinguishing the burn if possible. Resources and personnel will be reassigned appropriately at the discretion of the burnboss. Safety of the crew will remain the primary concern.</p>	
<p><b>F. Smoke Management</b></p>	<p>Smoke Dispersion Value</p>	<p>Good or higher</p> <p>Smoke-behavior forecasts can be obtained from Weather Service websites: Hastings  <a href="http://www.crh.noaa.gov/product.php?site=OAX&amp;product=FWF&amp;issuedby=OAX">http://www.crh.noaa.gov/product.php?site=OAX&amp;product=FWF&amp;issuedby=OAX</a></p>
	<p>Estimated time from ignition until fire is out</p>	<p>Hours</p> <p>North Platte:  <a href="http://www.crh.noaa.gov/lbf/forecasts/firewx/firewx.php">http://www.crh.noaa.gov/lbf/forecasts/firewx/firewx.php</a>                      Check Dispersion Value, mixing height, and transport winds.                      Find point weather forecast at  <a href="http://forecast.weather.gov/gridpoint.php?site=lbf">http://forecast.weather.gov/gridpoint.php?site=lbf</a></p>

III. Fire Plan (Continued)

G. Equipment	<i>List the equipment needed to conduct the prescribed burn</i>		
	Needed	Acquired (X)	Date
Pumpers (# & gals)			
Drip torches (#)			
Fire-weather kit/Kestrel (#)			
Water Tender (1,000 gal min)			
2-way radios			
Torch mix (gals)	70/30% Diesel fuel/gasoline		
Flappers (#)			
Drinking water	1 gallon/person		
ATVs with sprayers (# & gals.)	15-gallon minimum		
Highway flags			
Rakes (#)			
ATVs (#)			
Chainsaws (#)			
<b>Other</b>			
H. Pre-burn protection	Protection needed		Date
	<i>Indicate areas needing protection on the burn-plan map</i>		accomplished
Remnant livestock	N/A		
Feeders	N/A		
Pens and barns	N/A		
Utility poles	N/A		
Oil and gas structures	N/A		
Fences	N/A		
Hunting facilities	N/A		
Headquarters	N/A		
Desirable wooded areas	N/A		
Hay	N/A		
Special wildlife habitats	N/A		
Equipment	N/A		
Critically eroding areas	N/A		
Others	N/A		

III. Fire Plan (Continued)

<b>I. Crew-member names and responsibilities</b>	<i>Name crew members and tasks of each. The fire boss will review tasks and crew organization during the pre-fire briefing.</i>	
--	---	--

	<b>MINIMUM CREW</b>	Responsibility (select only those required)	Briefed (X)
		Burnboss	<b>X</b>
		Team1: Engine driver	
		Hose operator	
		lead torch	
		2 <sup>nd</sup> torch	
		Hand tool operator (specify tool here)	
		Hand tool operator (specify tool here)	
		Hand tool operator (specify tool here)	
		Lead ATV patrol	
		2 <sup>nd</sup> ATV patrol	
		Team 2: Engine driver	
		Hose operator	
		lead torch	
		2 <sup>nd</sup> torch	
		Hand tool operator (specify tool here)	
		Hand tool operator (specify tool here)	
		Hand tool operator (specify tool here)	
		Lead ATV patrol	
		2 <sup>nd</sup> ATV patrol	
		Lookout-weather	
		Add others as needed	

<b>J. Projected Burn Dates</b>	<b>Blacklines From/To</b>	<b>Prescribed Burn* From/To</b>
<b>Planned</b>		
<b>Actual</b>		

\* *Specify time of year/stage of plant growth that will best meet prescribed-burn objectives:*

III. Fire Plan (Continued)

<b>K. Time of day to burn</b>	Blacklines	Prescribed Burn
<b>Planned</b>		Timed to provide sufficient fire performance, given actual weather.
<b>Actual</b>		

L. Weather Conditions *(Needed to accomplish objectives, within set limits)*

	Blacklines						Prescribed Burn					
	<b>Needed</b>			<b>Actual</b>			<b>Needed</b>			<b>Actual</b>		
	From/To			From/To			From/To			From/To		
<b>Wind Speed (Must be &lt;20 mph)</b>												
<b>Wind Direction (Clockwise)</b>	From/To			From/To			From/To			From/To		
<b>Why wind restricted</b>												
<b>Relative Humidity (Must be &gt;25% or have a written reason for exception)</b>	From/To			From/To			From/To			From/To		
<b>Air Temperature (Must be &lt;80 deg. F)</b>	From/To			From/To			From/To			From/To		
<b>Soil Surface (Circle)</b>	Dry	Damp	Wet	Dry	Damp	Wet	Dry	Damp	Wet	Dry	Damp	Wet
<b>Subsoil (Circle)</b>	Dry	Damp	Wet	Dry	Damp	Wet	Dry	Damp	Wet	Dry	Damp	Wet

Fine Fuels\*

<b>Amount</b>	Lbs/Ac.			Lbs/Ac.			Lbs/Ac.			Lbs/Ac.		
<b>Continuity</b>	Poor	Fair	Good	Poor	Fair	Good	Poor	Fair	Good	Poor	Fair	Good
<b>Moisture Conditions (describe)</b>							All litter and standing dead must be dry					

\* Describe prescribe-burn unit fuels as to species, likely green-up at proposed date, and any other relevant characteristics:

III. Fire Plan (Continued)

Adjoining Landowners	Name	Phone #	Date Notified	
			Blacklines	Prescribed Burn
1				
2				
3				
4				
5				
6				
7				
8				
Fire Departments	Chief:			
Sheriff's Department				
State Patrol				
Utility Companies				
Oil & Gas Leases				
State Forest Service				
Others				

III. Fire Plan (Continued)

Mop-up Plan	Who Responsible	Date Accomplished
Maintain close observation of the burned area for 24 hours or until the fire is completely extinguished		
Monitor weather conditions until the fire is completely extinguished		
Take immediate positive action to insure safety of the fire should a dangerous change in the weather be forecast		
Mop-up standards	<p><b>All smokes 50' in from line</b>  <b>Heavy fuels 100' in from line</b>  <b>Snags 150' in from in line</b></p>	

**This is to certify that the Natural Resources Conservation Service has informed me that I could be liable for damages and the cost of fire suppression should the fire escape from the designated area as a result of this prescribed burn.**

**Cooperator Signature**

Name	Owner or Operator circle	Date	
Designed by:		JAA	
Name and Title		Date	
Design Checked by*			
Name and Title		Date	

**\*Prescribed-Burn Plan must be checked by a Conservation Planner with the same or higher JAA (Job Approval Authority) as the burn plan.**