

PRESCRIBED BURNING SPECIFICATION SHEET

Client		Date	
Farm/Tract		Field(s)	
Location		Acres	
Planner		County/SWCD	

ALL BURNING WILL BE DONE IN COMPLIANCE WITH ALL PERTINENT STATE LAWS AND UNDER THE CONSTRAINTS OF NECESSARY BURN PERMITS TO BE ISSUED BY THE APPROPRIATE STATE FIRE CONTROL AGENCY.

1. Burn Objectives (check one or more):

- Reduce residue cover by 60% to 80%,
- Reduce annual grasses and weedy forbs by 50-60% with minimum impact to existing perennial grasses,
- Increase vigor of existing perennial grasses and encourage natural revegetation.
- Prepare ground for re-seeding, if needed.
- For brush reduction: reduce aerial cover of target brush species by at least 60%.
- Encourage burn mosaic to maintain or improve wildlife habitat.

Additional Narrative:

2. Burn period:

Burns are scheduled to occur when objectives can be met safely and when other resources are not at great risk. Generally spring or fall burns will be adequate. Soils need to have adequate water content to avoid scarification and creating hydrophobic conditions. For Juniper control, slash piles will be burnt in late fall, winter, or early spring. Burning to remove Western Juniper regeneration is conducted 3 to 7 years after initial brush management if necessary.

Additional Narrative:

3. Weather Conditions

- Minimum / maximum high temperature is 25 - 75 degrees F.
- Wind speed minimum is 4 mph and maximum is 12 mph.
- Fine Fuel (1 hour) moisture is 2 - 10%.
- Avoid unstable weather conditions like thunderstorms, approaching fronts, and cumulus cloud build-up.
- Consult the National Weather Service prior to burn for spot weather forecasts or Oregon Dept. of Forestry (ODF), U.S. Forest Service and/or Bureau of Land Management (BLM).

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4. Organization

Notify all local fire control agencies and neighbors prior to any burning. Identify personnel needed to implement and control prescribed burn (boss and crew assignments). Provide adequate standby and control equipment and personnel.

Additional Narrative:

5. Resources on Fire

- Four-person crew (supplied by landowner).
- Tractor with disc.
- One 250-gallon water truck with pump (supplied by ODF, BLM, or rural fire dept.).
- Two drip torches (supplied by ODF, BLM, or rural fire dept.).
- One ignition coordinator (ODF, BLM, or rural fire dept.).
- CB radios, walkie-talkies or other available equipment linked to fire boss.

Additional Narrative:

6. Fuel and Soil Description (check appropriate fuel model)

Fuel Model 1:		Perennial and annual grasses, legumes and weedy forbs to one foot height.
Fuel Model 2:		Perennial and annual grasses, legumes and weedy forbs, sagebrush and/or western juniper to 5 foot height, 30+% aerial cover.
Fuel Model 3:		Perennial and annual grasses, legumes and weedy forbs averaging 3 feet high.
Fuel Model 6:		Western Juniper woodlands with an understory of mainly sagebrush with perennial and annual grasses. Requires moderate winds greater than 8 mi. /hr.
Fuel Continuity		Broken and continuous areas with 600 to 6000 lbs. /ac. of fine fuels.
Fuel Moisture Content		Standing Residue moisture 2% - 10%
Soil Surface Residue Moisture		10% - 25 %.
Soil Moisture Content		Two inches soil moisture present. This gives a margin of safety and provides good heat flux to reduce annual grass seeds.
Soil Surface Moisture		60% - 100% frozen or unfrozen

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10. Burn Area Preparation

Along the outside perimeter of the unit a minimum of a ten foot strip will be prepared using an open disc for residue reduction. The use of phoschek product is another alternative. Against the initial perimeter strip a 50 - 100 foot black line will be burnt prior to general ignition. All burning will be done at a time when prescription requirements are met.

Additional Narrative:

11. Weather Data Collection

Temperature, relative humidity and wind speed and direction will be monitored on site on day of burn before and during ignition (every 30 minutes at a minimum). Stop burns if primary wind speed changes. General forecasts will be obtained from ODF. The National Weather Service will provide spot forecasts.

12. Test Burn

Following burn area preparation and prior to general ignition a test burn will be ignited on a small (15' X 15') area. This area can be hand lined.

Additional Narrative:

13. Firing Sequence

Following satisfactory test burn, the unit will be ignited using a back strip burn technique. Flank and/or backfires are most desirable. Head fires may be necessary under some conditions (wetter soils, new grass growth, cooler air temperatures). Circular patterns in sequence across a field will work well. See plan map and prescription.

Additional Narrative:

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14. Containment and Patrol

Workers will patrol downwind of all ignitions carrying a fire tool or wet burlap sack. Disc and pumper will be stationed where deemed appropriate by the ignition coordinator.

15. Mop Up

Landowner will be responsible for all mop up after ignition is completed. All fire will be extinguished within 48 hours of ignition or as required by the burning permit.

16. Contingency Plan

Responsible fire control agency has been informed of the burn as well as any changes in date or time. ODF, BLM, or rural fire dept. is responsible fire control agency.

IF PRESCRIBED FIRE CROSSES CONTROL LINES:

- Stop all ignition.
- Notify ODF, BLM, or rural fire department of situation.
- The Forest Service or BLM will be notified if public land is threatened. Landowner is responsible.
- Neighbors will be notified.
- Determine if additional aid is needed.
- If not proceed with containment.
- No further ignition until evaluation is made.
- Landowner is responsible for mop up.
- If additional resources are needed, order them promptly.

17. Post Burn Evaluation

- Map burned acreage
- Narrative describing percent reduction of target residue and any problem in carrying out burn objectives.

18. Additional Specifications:

Narrative:

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Design Approval:

Practice Code No.	Practice	Lead Discipline	Controlling factor	Units	Job class				
					I	II	III	IV	V
338	Prescribed Burning (See Appendix A-3 in NRPH, 1998)	BCSD For & Graz Land Spec	Area	Acres	All	All	All	All	All
			Fuel Class	USFS	1 & 3	1 & 3	1,2,3,&6	1,2,3, &6	All
			Slope	Percent	5	8	12	All	All
This practice is classified as Job Class (check one):									

Design Approved by: /s/ _____ Date: _____

Job title: _____

The following must be signed by a Fire Cadre member, and agreed-to and signed by the Client/Landowner

NRCS APPROVAL:

Certification by: /s/ _____ Date: _____

Client's Acknowledgement and Liability Statement:

The Client acknowledges that:

- a. They have received a copy of the specification and understand the contents and requirements.
- b. It shall be the responsibility of the client to obtain all necessary permits and/or rights, and to comply with all ordinances and laws pertaining to the application of this practice.
- c. I, Landowner, assume all liability for any damages that may occur as a result of this prescribed burn.

Accepted by: /s/ _____ Date: _____

Certification:

I have completed a review of the information provided by the client and certify this practice has been applied.

Certification by: /s/ _____ Date: _____

Job title: _____

Refer to the Following Conservation Practice Specifications [X]	
Prescribed Grazing 528	Use Exclusion 472
Brush Management 314	Critical Area Planting 342
Fence 382	Watering Facility 614
Pipeline 516	Spring Development 574
Wetland Wildlife Habitat Mgt. 644	Upland Wildlife Habitat Mgt. 645
Range Planting 550	Other: _____

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