

Fire Management Practice (FMP) Checklist

Preburn

- Identify the area to be burned, the burn objectives, site characteristics, and desired atmospheric conditions.
- Area Identification – location, size, proposed dates of burns.
- Objectives of the prescribed fires – forage improvement (yield, quality), weed/brush control (target weeds – recommended timing), wildlife habitat enhancement, CRP contract requirements.
- Site characteristics – fuel condition (moisture, loading, type), soil moisture, hazards.
- Desired atmospheric conditions – wind direction, wind speed, relative humidity, air temperature, and cloud cover.

Day of Burn

Identify the conditions on the day of the burn. Check the Fire and Smoke Planning Resource web site (<http://www.ksfire.org>). It is also recommend that a test fire be used to ensure the conditions are favorable for burning.

- Time fire started _____
- Wind Speed _____
- Wind Direction _____
- Relative Humidity _____ (30%-55%)
- Air Temperature _____
- Cloud cover _____ (30%-50%)
- Trans. Wind Speed _____ (8-20mph) (7-17 knots) (3.6-8.9 m/s)
- Mixing Height _____ (min. 1800ft. or 548m)
- Soil Moisture _____ (saturated, moist, dry)
- Fuel Moisture _____ (moist, dry)
- Model Run _____ yes _____ no
- Test Fire Behavior

Post Burn

- Hotspots Extinguished _____
- Date/Time Fire Extinguished _____
- Mop-up Completed _____
- Final Perimeter Checked _____
- Equipment Collected _____
- Local Officials Notified Fire is Out _____
- Total Acres Burned _____

Objectives accomplished? (weed control, forage improvement, wildlife habitat enhancement, other)

Other issues (fire behavior, intensity and control, weather issues, fuel conditions, equipment problems, staff report out, complaints, etc.)