

Ness County

Prescribed Burn Abstract

General:

Area consists of CP-25 grass mix to be burned using back burns and a ring fire.

North adjacent: growing wheat, rangeland/fence, grass area, CRP, county road, milo stalks, wheat stubble

East adjacent: two-track trail, CRP, post hazard, kochia

South adjacent: rangeland/fence, two-track trail, kochia, CRP

West adjacent: trees, two-track trail, CRP

Notes:

Fuel load consists of 1500-2000 lbs/ac, 1-2' tall of warm season grasses to be burned with several back burns and a ring fire.

Hazards include rangeland/fence, grass area, CRP milo stalks and wheat stubble to the north, CRP, post hazard and kochia to the east, rangeland/fence, kochia and CRP to the south, trees and CRP to the west and rough areas and guzzler posts in the field to be burned. See Map.

Precautions include county road to the north and farmstead to the west 1 mile. See Map.

Safety Zones are county road to the north, growing wheat to the northeast and west and any black zones created by fire. See Map.

Traffic control on county road to the north.

Southwest wind is planned.

Planned Burn: March 1 – April 15.

Materials:

7 ATV units
2 water trucks
2 patrolling on road for traffic control
2 drip torches
2 butane lighters
Extra fuel
Shovels
Hand radios for crew

Fence Pliers for crew
10 plans/maps
13 people
2 flappers

Pre-burn Preparation:

Disk 30' guards around perimeter of field, see map
Mow 60' guards inside of disk zone (90' total mowing/disking), see map
Wet line perimeter (foam may be used so it stays wet longer)

Burn Procedure:

Adjacent land users and local sheriff and fire department notified
Obtain current forecast – NOAA (www.noaa.gov)
Temperature: 50-80 degrees F
Humidity: 25-45%
Wind Speed: 5-10 mph southwest
Start time: 12:00 – 2:00 depending on humidity
Adequate soil moisture
Lookouts, ATV's, fire trucks and igniters posted, see map

The northwest quarter is planned to be burned with strip fires in several strips. One igniter will start in the NW corner and travel east, lighting a back burn. Once the fire has moved in 100 feet, another igniter can start on the west end, just north of the growing wheat, and travel to the east end, lighting another back burn. Let the back burn move in 100 feet before continuing this process until the northwest quarter has been burned out.

The southwest quarter is planned to be burned with a ring fire. Igniters will start in the NW and NE corners of remaining acreage to be burned. No back burn is needed due to the black zone created by the strip fires. Igniters will travel south to the SW and SE corners, lighting the flank fires. Let the flank fires burn in 150 feet. Igniters can then travel to the south central unit, lighting the head fire. Once igniters get within 75-100 feet from each other they can stop to leave a gap for wildlife to escape. Fire will close in behind.