

Plant Response to Fire

Season is Important:

- Phenological stage:

- Opportunity for re-growth

Types of Fires on Rangelands:

- Wildfire: started by _____ or by humans (typically)
- Prescribed Fire: Intentionally set under specific conditions
Example of specific conditions include:
- Wildland Fire Use: Unintentional ignition, but not suppressed because it meets guidelines in wildland fire plan.

Factors that Influence Plant Response:

Fire Characteristics:

- Fire intensity:
- Burn severity:
- Duration of combustion:
- Time of the year:

Plant Characteristics:

- Adaptations to Fire:

- Plant mortality depends on _____ and _____ of elevated temperatures.
- Growing points are more heat sensitive while _____ growing compared to dormant.
- Mechanisms of Recovery:

Environmental Factors:

- Time since the last fire:
- Pre-fire weather:
- Post-fire weather:
- Post-fire animal use:
- Plant competition:

Differences between Grazing and Fire

Grazing	Fire