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

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