

# Soil Quality

## A foundation for rangeland health and productivity

What is soil doing for you?

Rangeland soil quality affects:

- Plant productivity
- Rangeland health
- Wildlife habitat
- Vegetation changes
- Occurrence of invasive plants
- Erosion potential
- Plant nutrient availability
- Infiltration and yield
- Carbon sequestration
- Air quality
- Resilience to disturbance

What are you doing for the soil?

To protect soil function and rangeland health:

- Maintain or increase litter cover
- Promote plant productivity
- Encourage diverse species
- Encourage plants with high root biomass
- Reduce bare areas
- Reduce surface disturbance
- Minimize grazing and traffic on wet soil
- Prescribe burn to reduce fuel build-up
- Assess soil quality and vegetation for early indications of undesirable changes