NRCS
Natural Resources Conservation Service
Soil Quality National Technology Development Team

Soil Quality

A foundation for pastureland health and productivity

What are you doing for the soil??

To protect soil function and pasture condition:

- Maintain vigorous cover on the soil
- Increase or maintain plant production
- Practice rotational grazing to promote root growth and for uniform nature distribution
- Minimize grazing traffic when the soil is wet
- Maintain soil temperature and moisture
- Control of weeds, pests, and other soil quality
- Assess and monitor soil quality and vegetation for early indications of changes in soil function and pastureland condition

What is the soil doing for you??

- Plant production
- Plant reproduction
- Plant mortality
- Erosion potential
- Vegetation composition
- Water availability
- Water quality
- Wildlife habitat
- Carbon sequestration

soils.usda.gov/sqi