Overgrazing vs Adaptive Grazing

1. Reduced root mass
2. Increased weeds
3. Reduced soil fungi
4. Reduced water infiltration
5. Increased soil temperature
6. Diminished soil habitat

Alternative water sources & controlled access to stream but no control of grazing time on watershed

Is Poor Soil Health related to lower nutrient density in our food?

Mineral depletion in meat 1940-1991
- Iron reduced by 54%
- Copper reduced by 24%
- Calcium reduced by 41%
- Magnesium reduced by 10%
- Potassium reduced by 16%
- Phosphorus reduced by 28%

Source: UK Ministry of Agriculture

Armor the soil (surface crop residues following grazing)
(Ref. Burleigh County Conservation District, ND)

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