Also known as managed grazing, regenerative ranching, or holistic management, this approach involves carefully controlling livestock density and how long a particular pasture or paddock is grazed at one time. Rather than following a set protocol, the rancher learns to make changes according to current conditions, feedback from the environment, and specific goals and objectives. Generally speaking, however, the over-arching goal is to avoid over-grazing by using methods that attempt to mimic the patterns of wild migrating herds. The animals stay packed closely together for protection, eat the vegetation to partial level (rather than all the way to the ground), disturb the soil lightly with their hooves (which mixes their manure and urine into the top soil), and then move on to another paddock or pasture. In this way, grazing animals actually improve the condition of the soil rather than damaging it, and a significant amount of carbon can be sequestered because the land is always kept covered and the roots and soil microbiome are nourished and left mostly undisturbed.

Benefits
- Adds organic matter to the soil and keeps it covered
- Prevents overgrazing
- Improves degraded soil
- Improves soil microbiology
- Improves forage yield
- Can lengthen the grazing season and improve production
- Increases carbon sequestration
- Increases biodiversity

Potential Considerations
- Requires training and time to learn what will work best for your land and current conditions
- Time and labor to move the animals from place to place
- Might need an initial investment to create paddocks if that approach is chosen
- Need access to enough space to allow land recently grazed to recover
Regenerative Agriculture Practices Fact Sheet

Resources

Profiles in Land and Management: Benefits of Adaptive Grazing

Holistic Management International
Nonprofit providing training in a decision-making process for adaptive regenerative ranching. https://holisticmanagement.org/

Tutorials on Managed Grazing

Pastures for Profit: A Guide to Rotational Grazing
The basics of setting up a rotational grazing system on your ranch or farm. https://bit.ly/2TI1Ta4

Seminar with Dr. Richard Teague

The Ins and Outs of Grassfed Beef with Jason Rountree

Research


