

Building Healthy Soil, Plants & Animals With Mob Grazing

Greg Judy

Mob Grazing = Explosion Of Soil Life



Microbe Feeders



Microbe Tank



50 Years No Livestock



Lets Get Young Folks Back On The Land





Adapted Animals



Gentle & Respectful



Newly Leased Idle Farm













Soil Food Smorgasbord























Soil life
feeder













Solar Powered Soil Builders



Fresh Trampled Litter Bank



Creating Open Savannah



Before Mob





After Mob

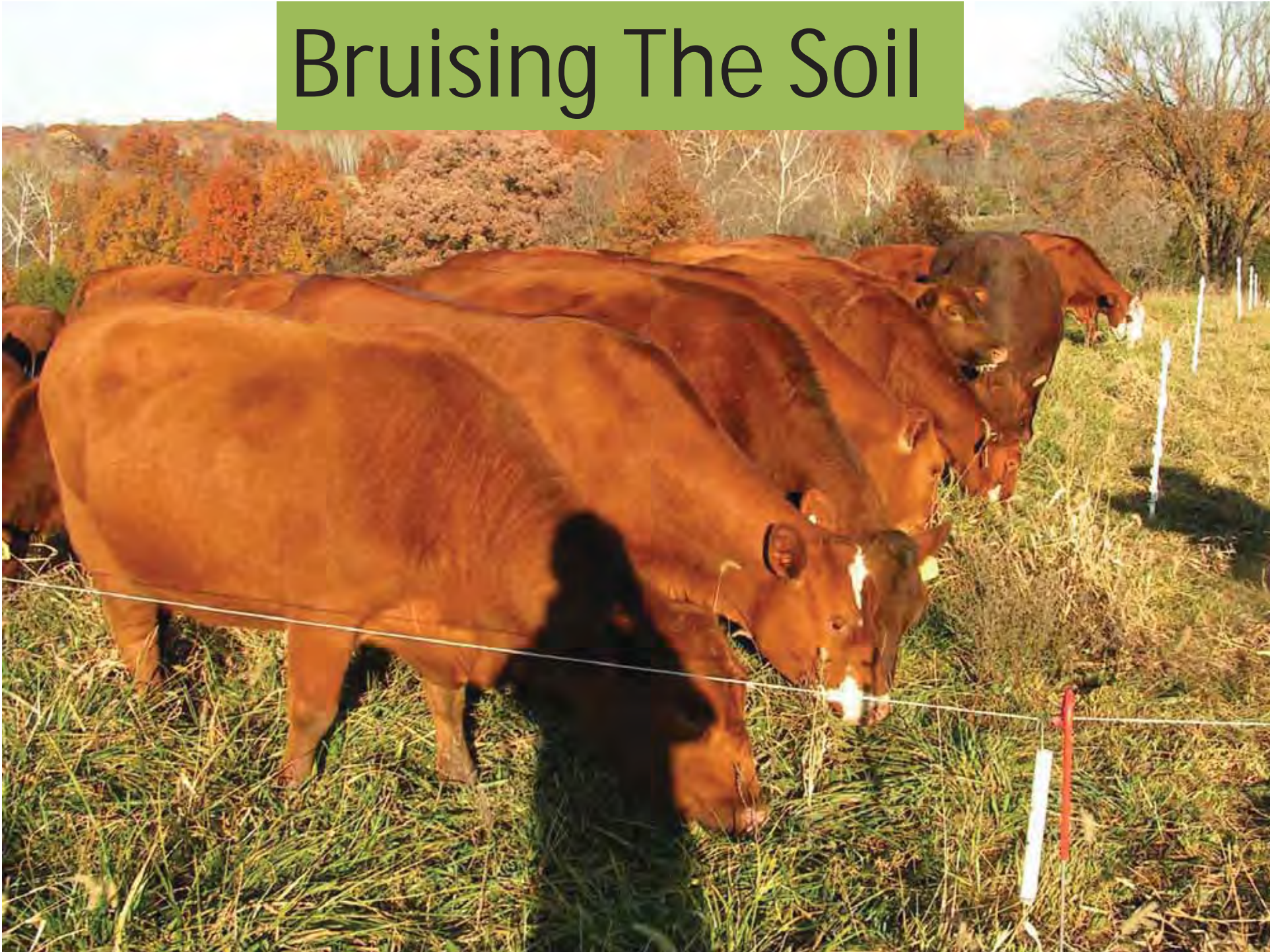
Soil Builders Headed To Work



Mob Grazed 60 Days Recovery



Bruising The Soil



- **Do cattle destroy riparian areas?**



Hogs & Cattle



One Big Water Tank



Gama Grass



Big Bluestem

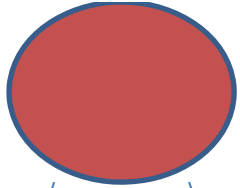


Dung Beetle Castles



Dung Beetle Hole



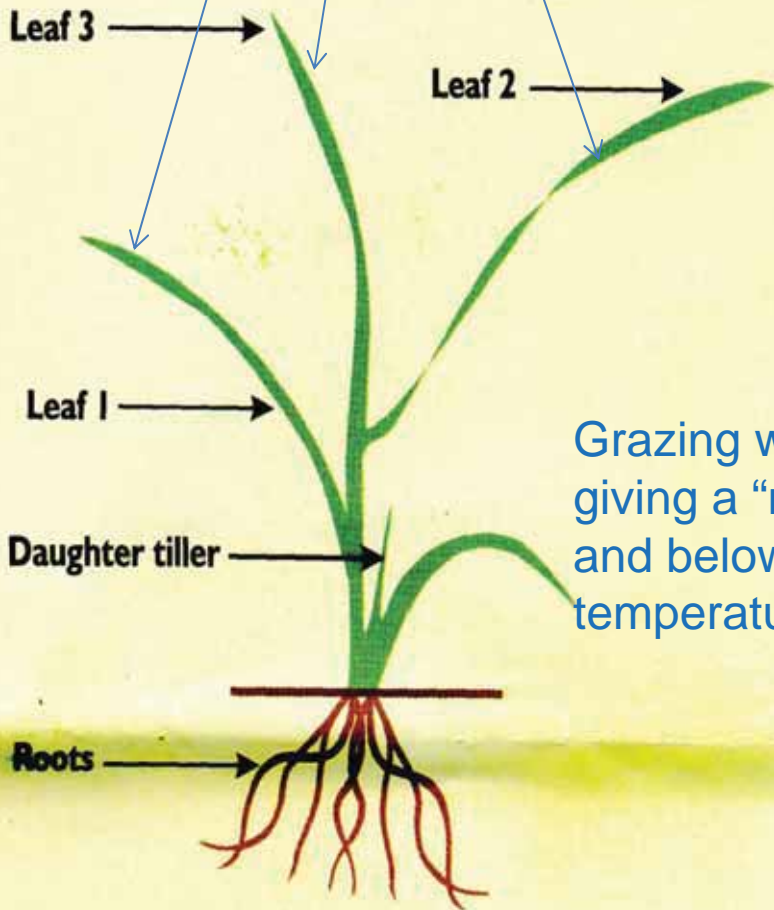


The sun's rays travel in straight lines. The chlorophyll in the leaves takes Carbon Dioxide from the air, water in the plant, and manufactures carbohydrates. This is where the Energy is to be found

SUN RAYS

Treading litter (carbon) onto the soil, protects the soil, holds water and feeds soil life. Increased Natural fertility enables longer recovery period, longer leaves, more energy capture. Energy is the elusive part of the equation!

Nitrates and other minerals from the soil, with water manufacture protein, this is highest at the base of the plant



Grazing with a good recovery period pulsates the roots, giving a "mattress" of carbon below the soil. Carbon above and below the soil protects the soil from fluctuating temperatures resulting in longer growing conditions.

New Strip Ready For Mob



12 Hr Graze Period, 100,000 lbs





Trampled Microbe Feed

4 weeks later





New Soil

New Seedlings



Good Microbe Rumen Function



Black Gold







Eastern Gama Grass Ready To Graze

Healthy Soil = Healthy Animals







Mob Going
To Work

Carbon Rich Soil



Need Massive Inputs Of Carbon

- We Must Feed The Soil.
- Good Grazing Management Is Trampling Carbon.
- Every Grass Blade Trampled Gives You 2 Back



Bare Soil Is Death To Plants

- Bare Soil Has 90% Evaporation Rate.
- Bare Soil Sheds Rainwater.

Yikes!





Soil Fact

- 1 Billion Microbes Per Teaspoon Of Healthy Soil.
- Soils Are Lacking Adequate Microbes.

One Manure Pile = 462 Earthworms



Stop Burning

- Burning Removes Litter.
- Burning Promotes Plant Spacing.
- Burning Kills Microbial Life In The Soil.

Spider Webs Are Signs Of Soil Life



Steps For Building Soil Life

1. Need Taller Plants
2. Density High Enough To Trample Litter.
3. Don't Eat Or Burn Litter.

Harvesting Solar Energy?



A photograph of a brown cow standing in a grassy field. In the background, there are several palm trees and a range of blue mountains under a clear sky. The text is overlaid on the image.

Animal Size

Form Follows Function:

The Function of
An Animal is to perform in the Environment
into which it is Born





















2015 Upcoming Events

- May 7 - 9th, Mob Grazing School Ian & Greg At Judy Farms

Our Website:

greenpasturesfarm.net



