

#### **Definitions...Other Terms**

- Managed Grazing...
- Prescribed Grazing...
- Rotational Grazing...
- Rational Grazing
- Multi-Paddock Adaptive Grazing...
- All boil down to managing the interactions between plants, soils, and grazing animals.

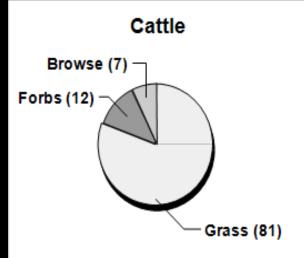
### Context Always Matters

- Full Time Operator or Part Time Operator
  - What one wants to achieve and can achieve is usually different between the two
- Land Capability Class
  - Class I land is usually going to be more inherently more fertile and much easier to manage than Class III, Class IV...
- Legacy management decisions matter
  - Past erosion from row crop production, past fertility management
- How you view your operation Is your crop beef? Or Is your crop Forage?
  - Influences interest in and willingness to apply grazing management
- Other operational characteristics...mix of forages, equipment available, skills, etc.

# Animal - Grazing Height / Diet Preference

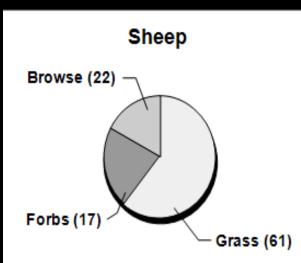
Can graze to about ½ inch height





Can graze lower than half inch. Can bite to soil surface.

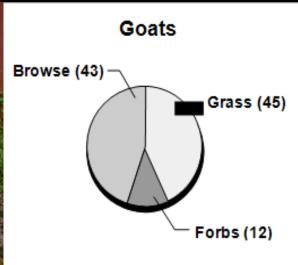




# Animal - Grazing Height / Diet Preference

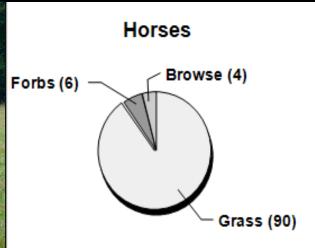
Narrow muzzle.
Helps with browsing.
Top down grazers.
Will leave more
stubble if they have
a choice.





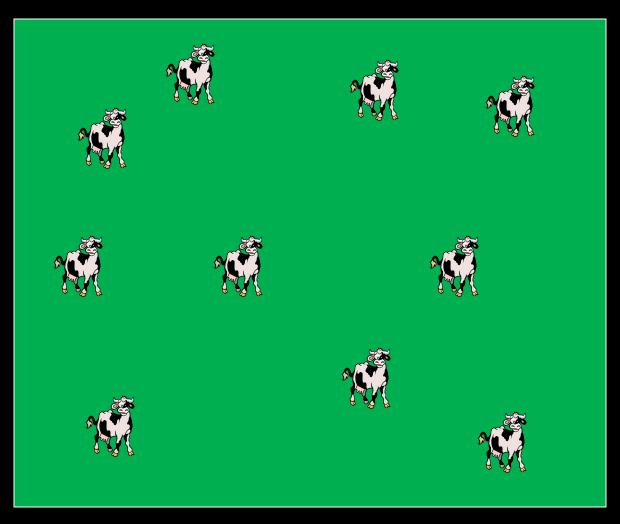
Can graze to about 1/3 of an inch







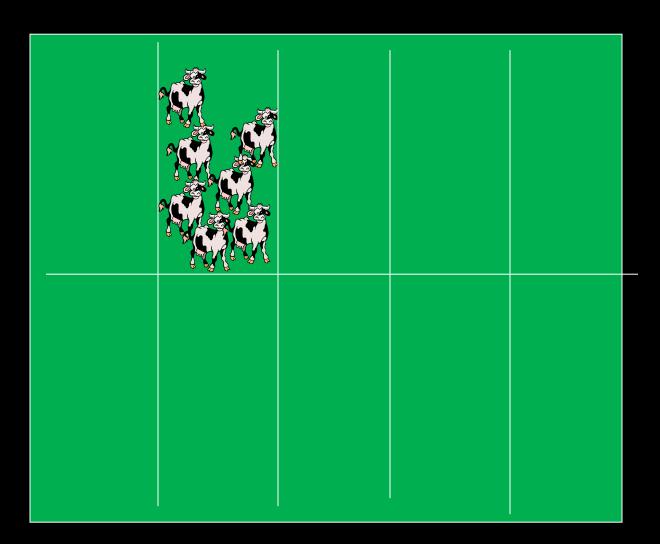
# So what are we really trying to do with grazing management....





# Extreme Over-Utilization





# Increased Utilization & Improved Uniformity of Use





## **Utilization Rate**

Grazing System / Method	% Utilization of Yield Potential
Continuous Stocking	30 - 40
Moderate Rotational Stocking (5-6 Pastures/Paddocks)	45 - 55
Intense Rotational Stocking / Management Intensive Grazing	60
Strip Grazing Technique	70

# Impacts of Grazing Management on Root Systems.....



Facilitating Practices – Affect Stock Density which Affects: forage utilization, dunging distribution, occupancy length, recovery period, soil health, etc.



#### Livestock Water





### **Providing Water**

- Water Location
  - Centralized
    - Allows for easier subdivision and better animal distribution
  - Ideally all pasture would be within 800 feet of a water source
  - Away from shade and mineral feeder

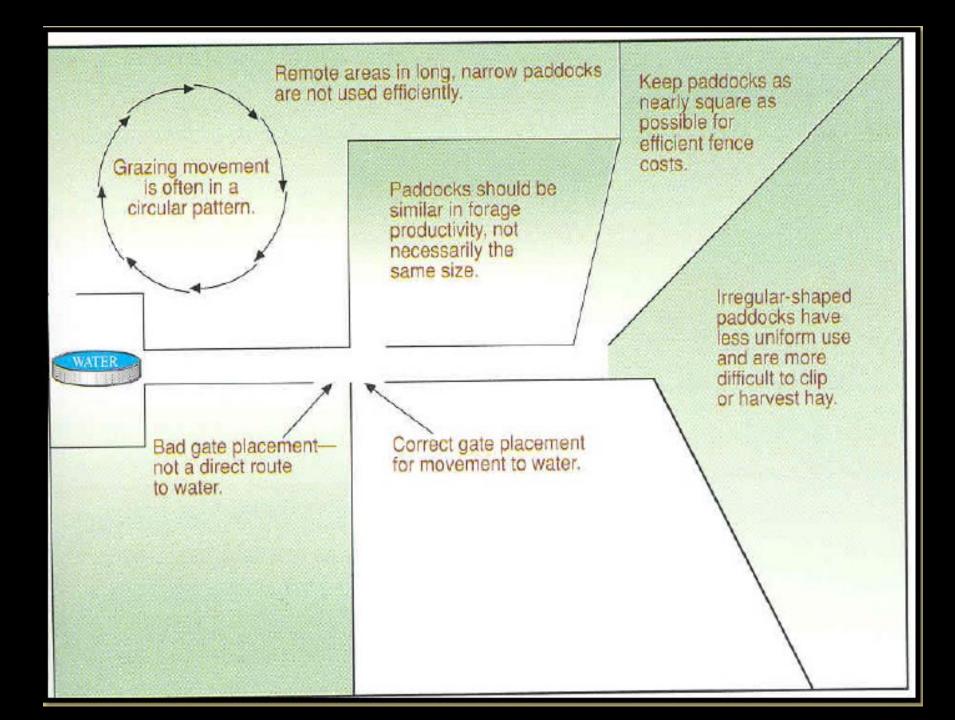
Think flexibility related to further subdivision.
 Whether temporary or permanent

# Fencing...



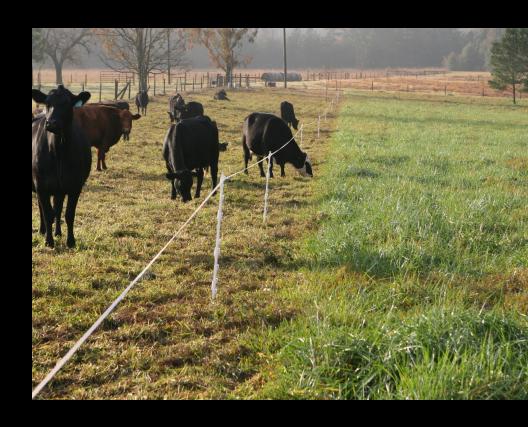
## Woven Wire





### Temporary Electric Fence

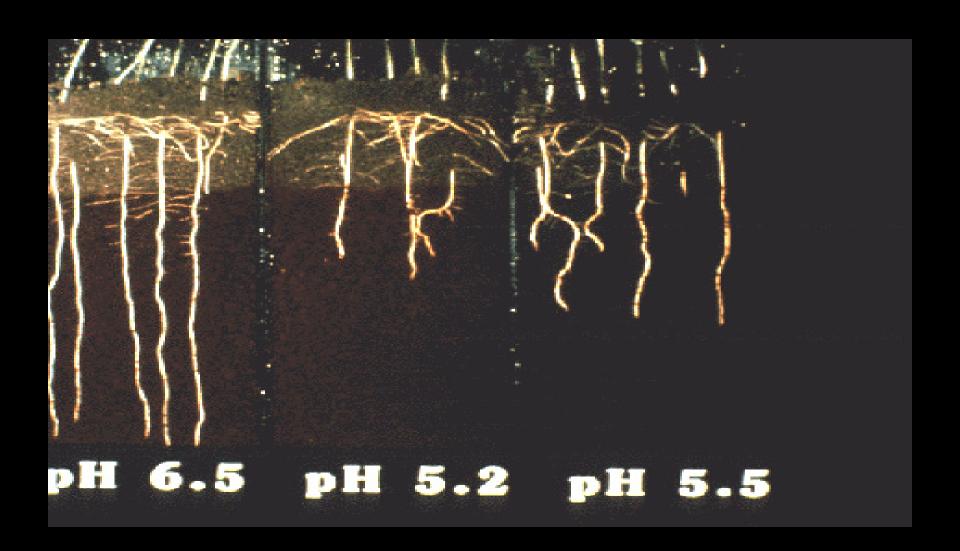
- Can be incorporated with any fencing type
- Adds tremendous flexibility with regard to management options

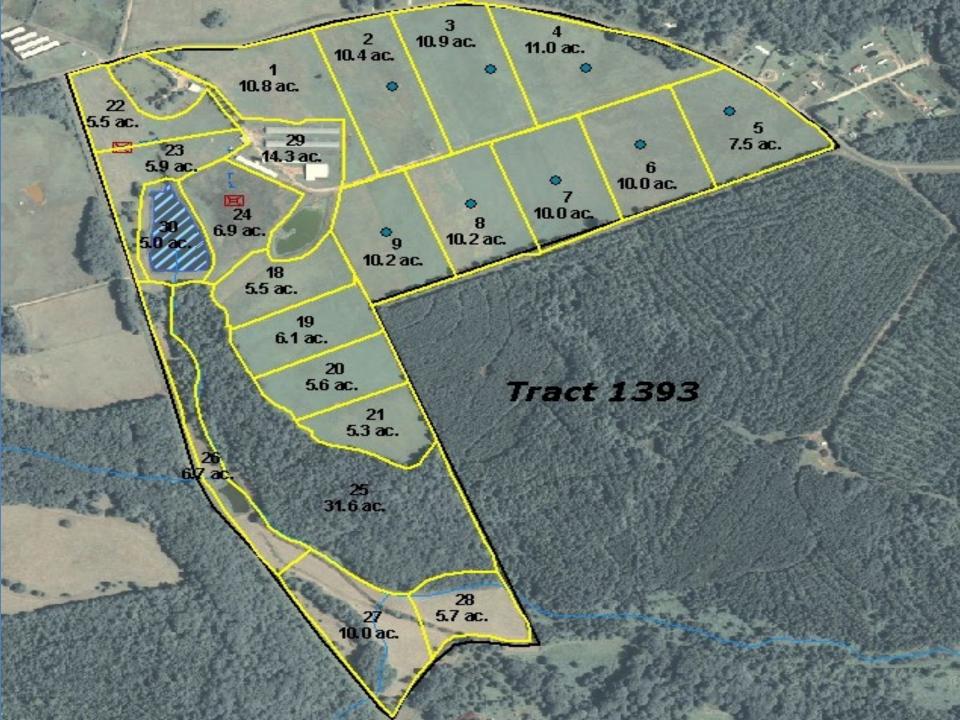


# Fertility -Know what you need in order to get the desired results



## pH and Root Growth





### Monitoring

- Track what happens as you make management decisions and implement various strategies.
- Economics
- Pasture Condition
- Hay Feeding versus Grazing Days
- And Grazing Days per Acre



