

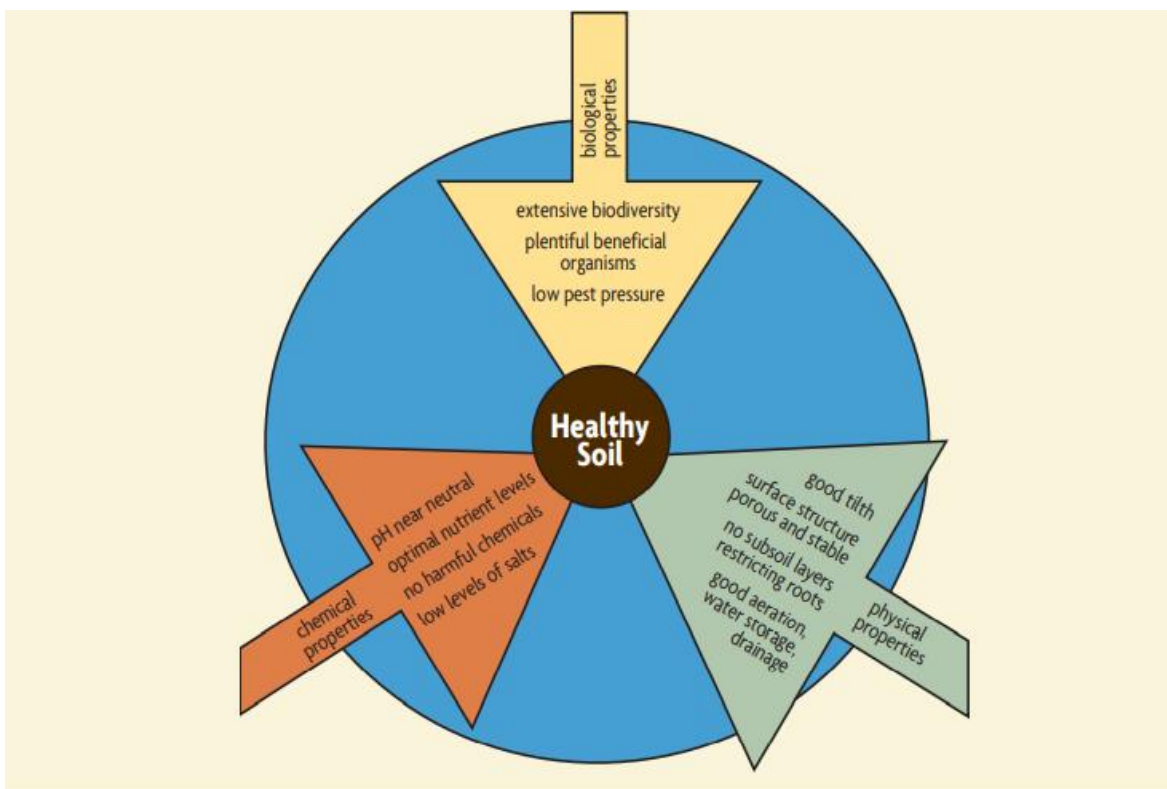
Lecture 2

Soil management Technology

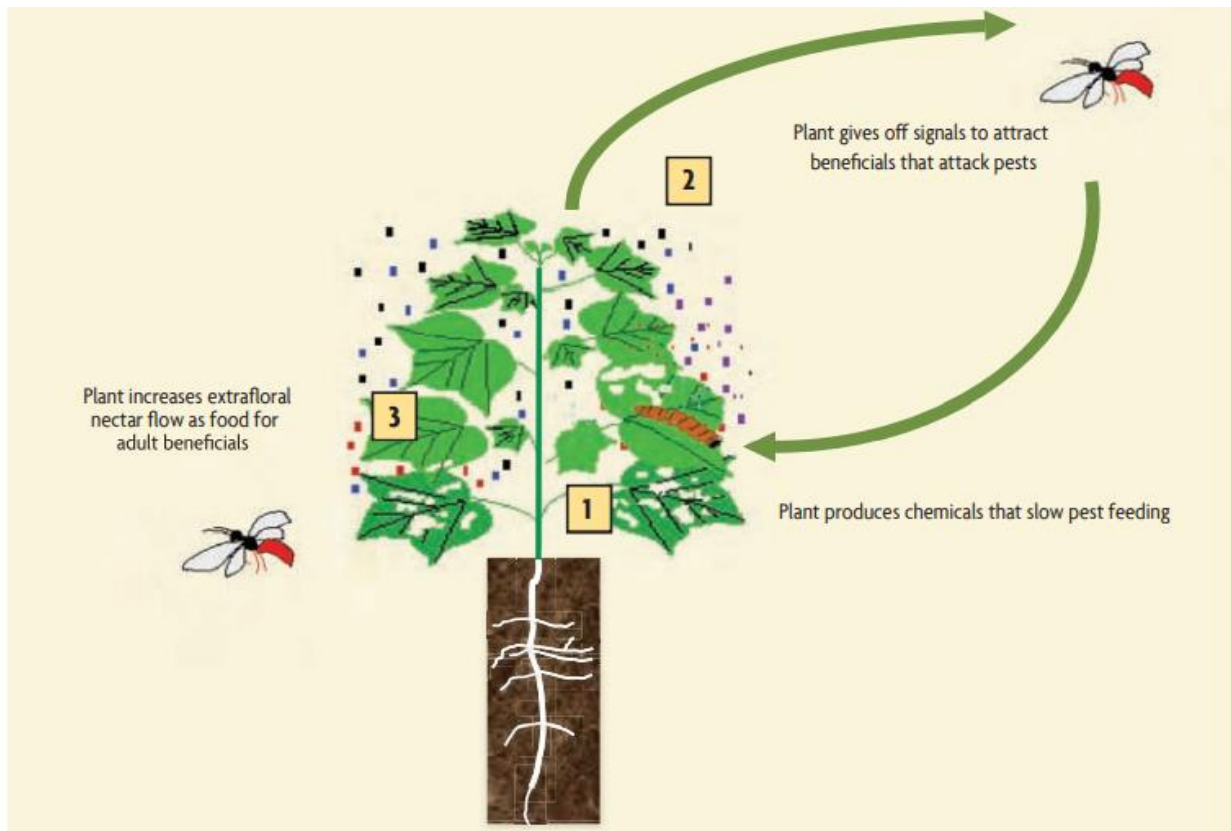
Soil management is the application of operations, practices, and treatments to protect soil and enhance its performance (such as soil fertility or soil mechanics).



It is possible to design a crop and soil management system that improves and maintains soil health over time.



This information is for farmers and gardeners who want to understand the physical, chemical, and biological components of healthy soil and how to manage them.



Specific soil management practices that affect soil health include

- Controlling traffic on the soil surface.
- Planting cover crops.
- Crop rotations
- Nutrient management .
- Tilling the soil, or tillage.
- Adding organic matter to the soil surface.
- Using fertilizers increases nutrients.
- Using a perennial grain crop.