

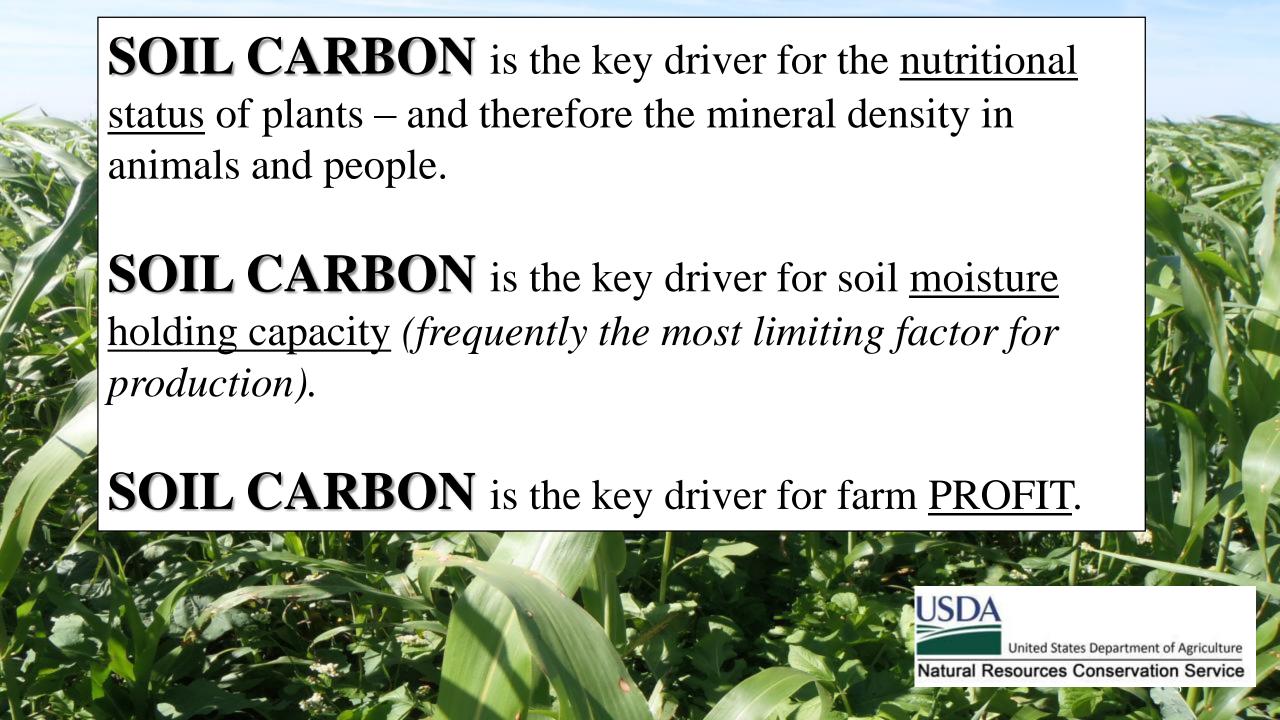
Soil Health

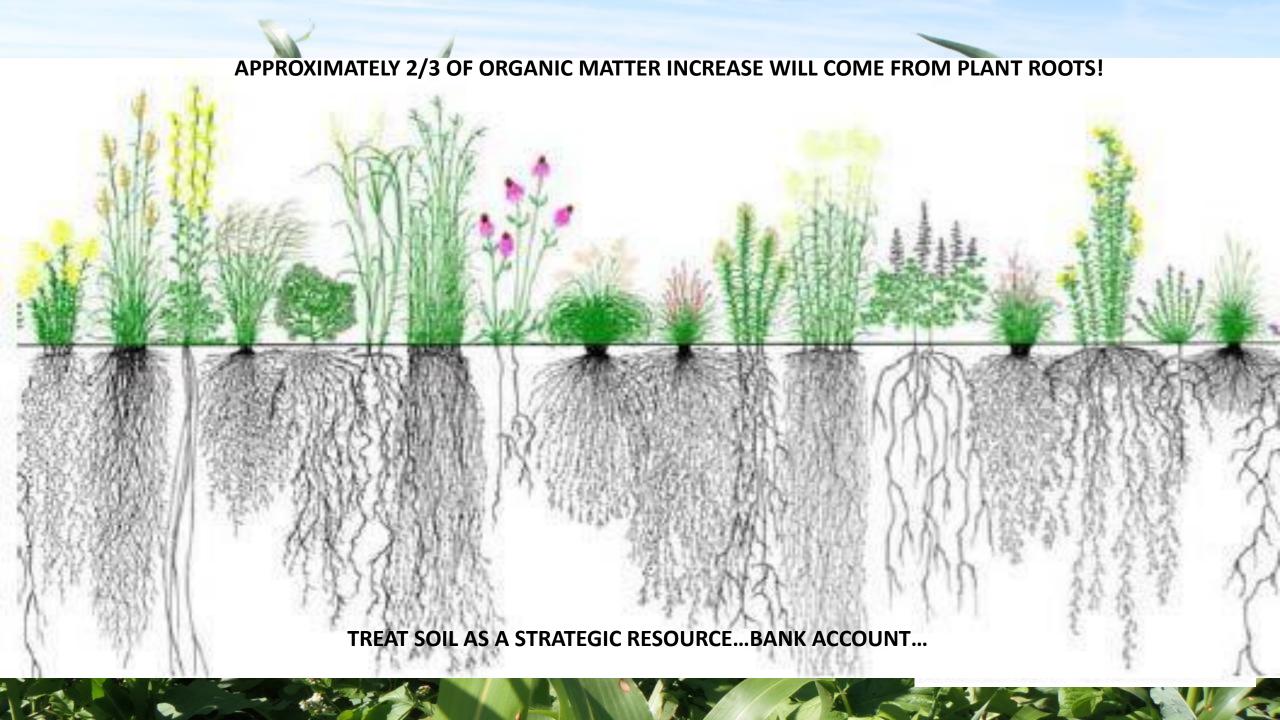
What is it?

The continued capacity of the soil to function as a vital living ecosystem that sustains plants, animals, and humans

- Nutrient Cycle
- Water (infiltration & availability)
- Filtering and Buffering
- Physical Stability and Support
- Habitat for Biodiversity









Feeding Soil Microbiology What would you rather eat???



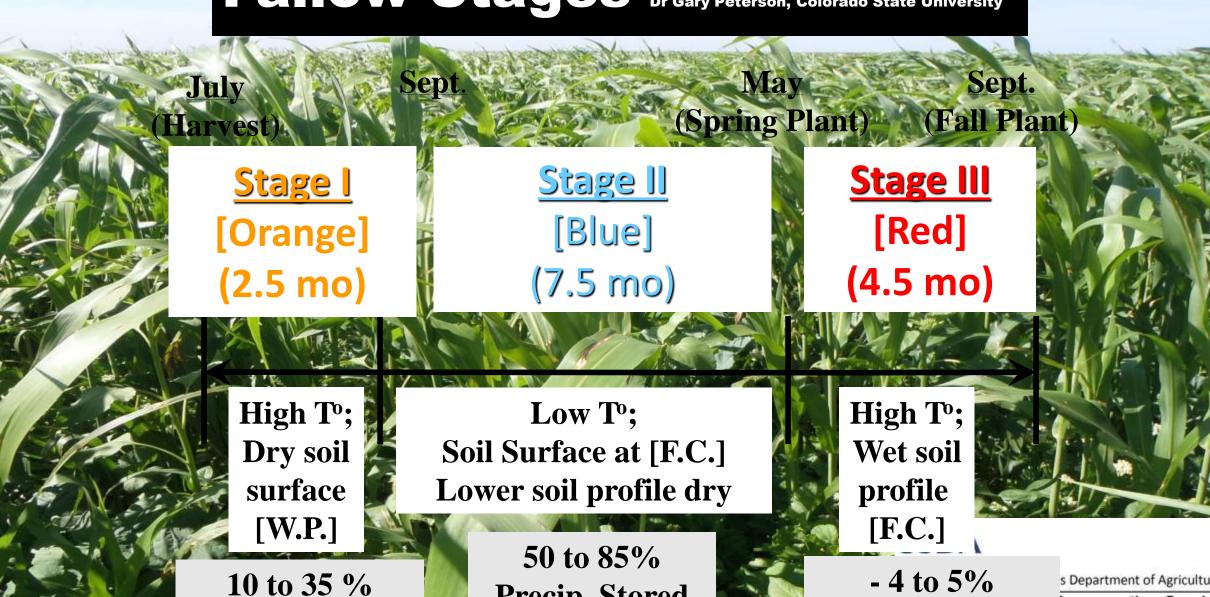


Replaced soil biology with artificial nutrients....



Fallow Stages Dr Gary Peterson, Colorado State University

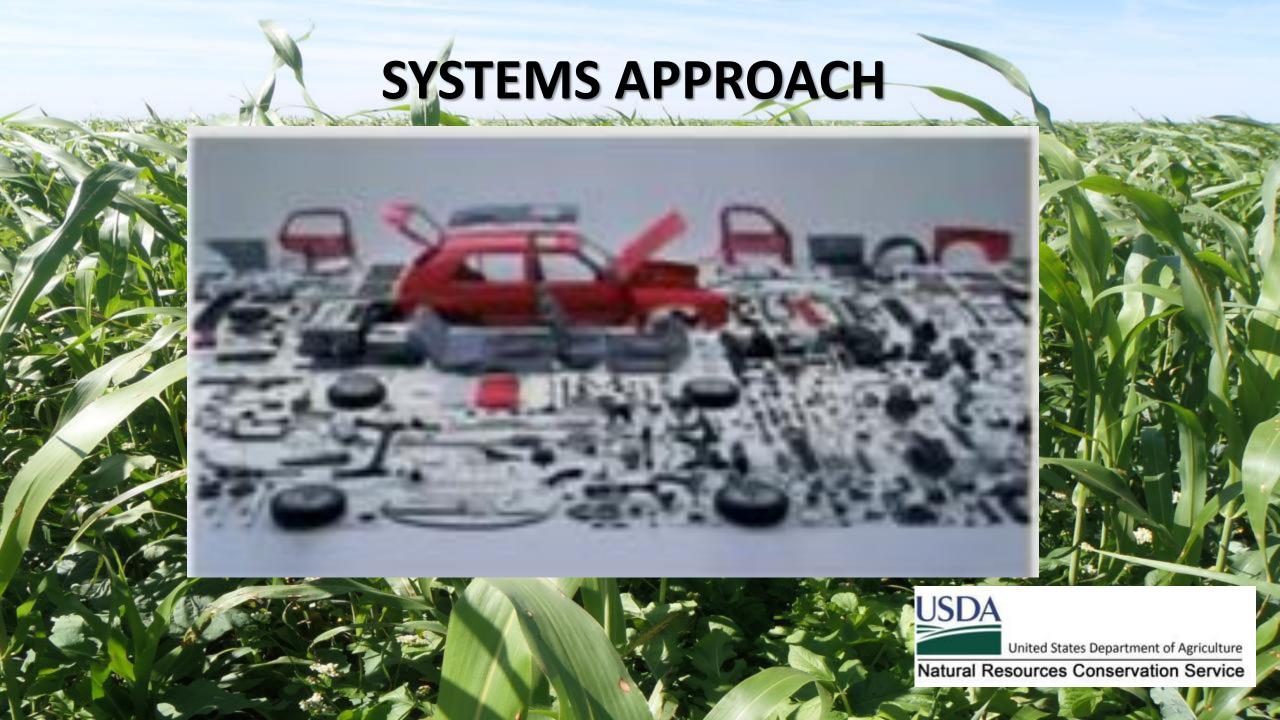
Precip. Stored



Precip. Stored

- 4 to 5% **Precip. Stored**

s Department of Agriculture Conservation Service











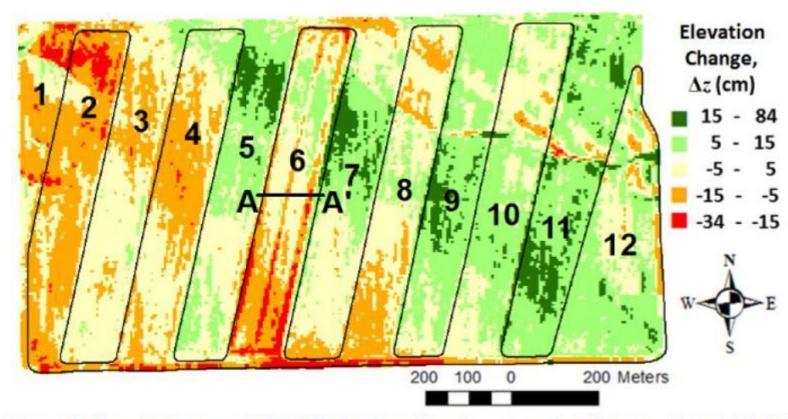


Figure 5. Map of Changes (2001-2009*) in Land Surface elevation (Δz) on a 5-m Grid within the Scott Field in Northeastern Colorado. Crop strip numbers are labeled over the alternating winter-wheat-fallow cropping system, and section A-A' is shown (details given in Figure 11). *Strips 2, 4, 6, 8 surveyed in 2010 to complete the 2009 DEM (from Sherrod *et al.*)⁶. Please click here to view a larger version of this figure.







Look for opportunities?











