Regenerative Agriculture

Presenter: Shawn Harrison

Soil Born Farms

www.soilborn.org

American River Ranch



When the **Gardener** helps create the proper conditions for **Life to Thrive** in the garden, a diversity of **Life Happens**.

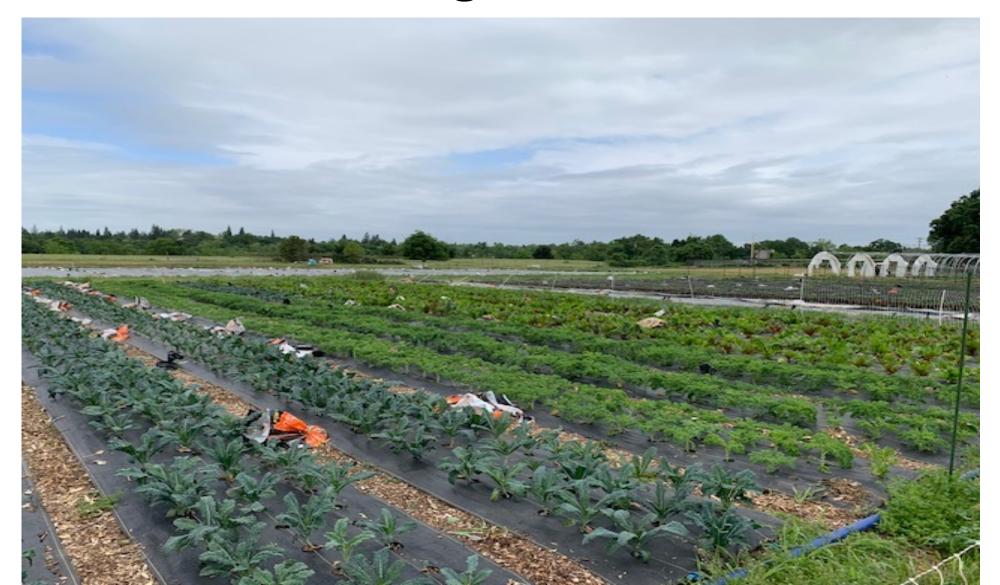
Managing for Five Primary Interrelated Functions (Charles Massy):

- 1. Solar Energy Function
- 2. The Water Cycle
- 3. The Soil-Mineral Cycle
- 4. Dynamic Ecosystems
- 5. Human-Social Aspect

Grassland



Annual Vegetable Fields



Creek & Riparian Habitat



Restored Creek



Diverse Plant, Animal & Insect Habitat



Fruit & Nut Orchard Systems



Annual Crops Production System (No or Low-Till)

Restoring Soil & Growing Soil Biology



Soil + Soil Biology + Plants



Mowed or Grazed Crop without tillage



Occultation Method for Crop Decomposition



Crop Residue Captured and Cycled by Biology



Permanent Beds & Deep Mulched Paths



Mulch for Biology, Weeds and Water



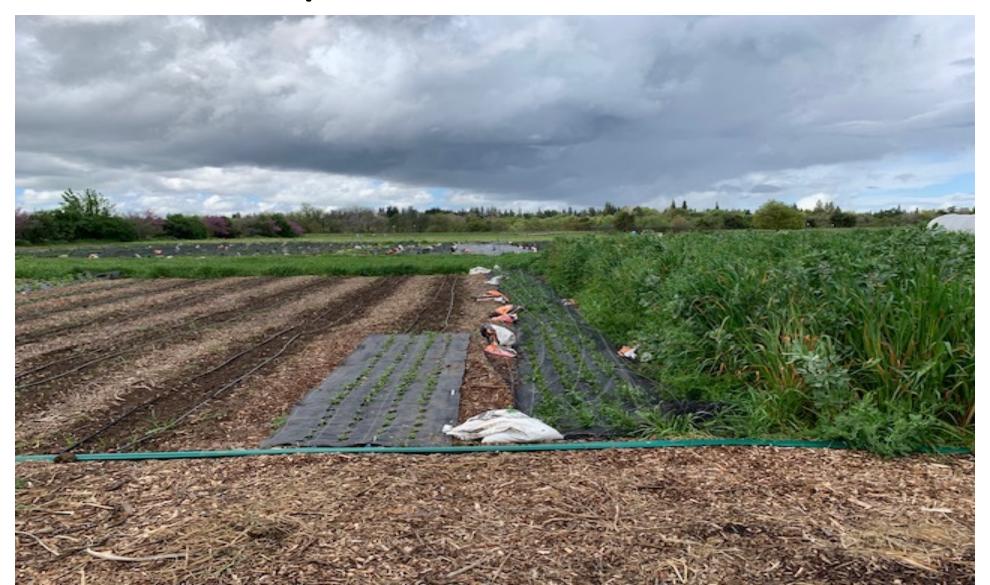
High Quality Compost to Feed Biology



No or Low Till to Support Biology



Keep the Soil Covered



Keep the Soil Covered



Continuous Production & Dense Plantings

