

# Regenerative Agriculture

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**Soil Born Farms**

[www.soilborn.org](http://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

