

Every day, we wake up to make the soil better today, then it was yesterday.









www.SoilLearningCenter.com



Golden Healing



Kintsugi is the Japanese art of repairing broken objects with gold. Because the "flaw" reveals its history, the resulting piece is considered more beautiful.

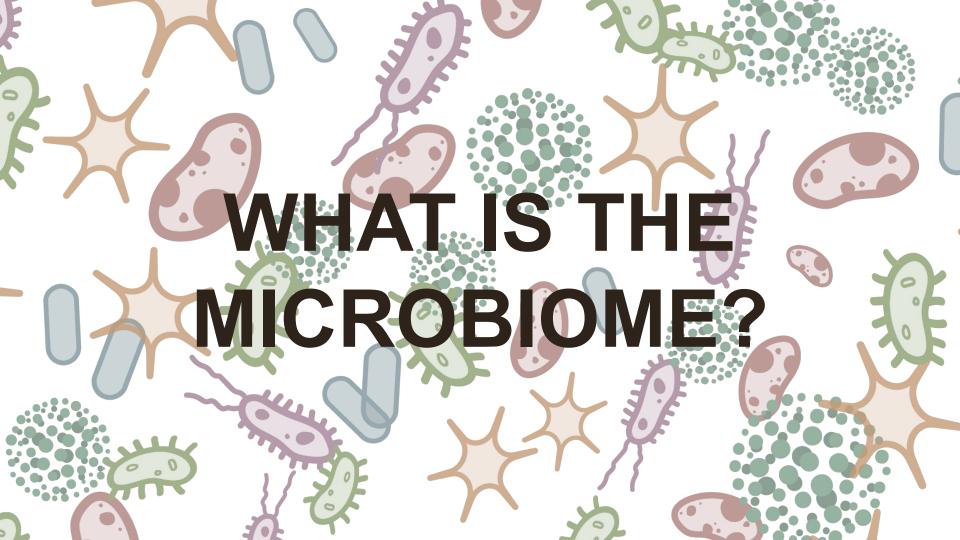
Your healing is your story. Mend yourself with love.



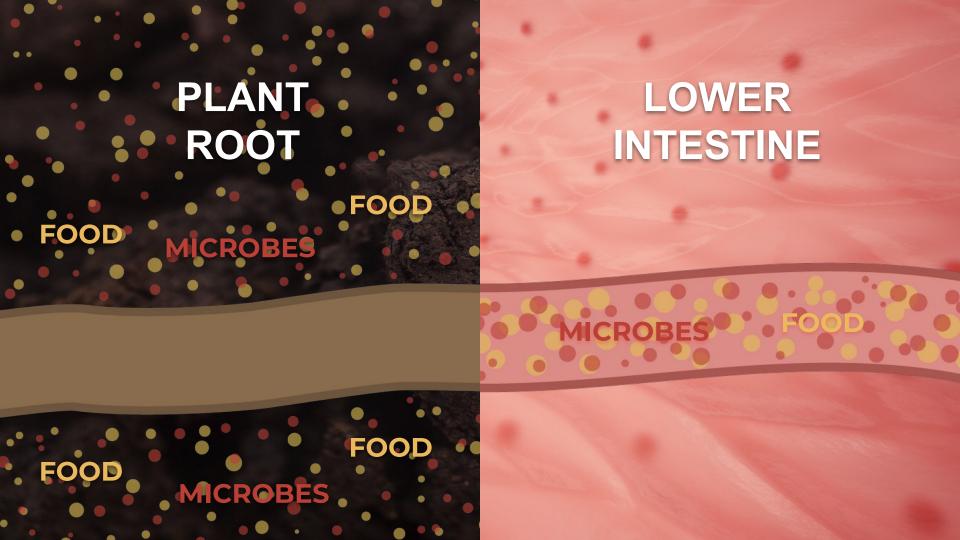






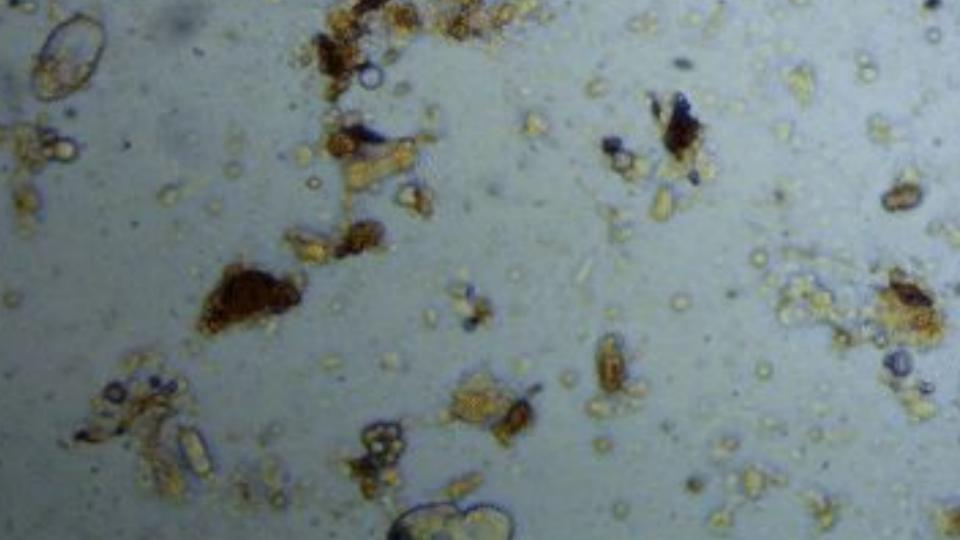


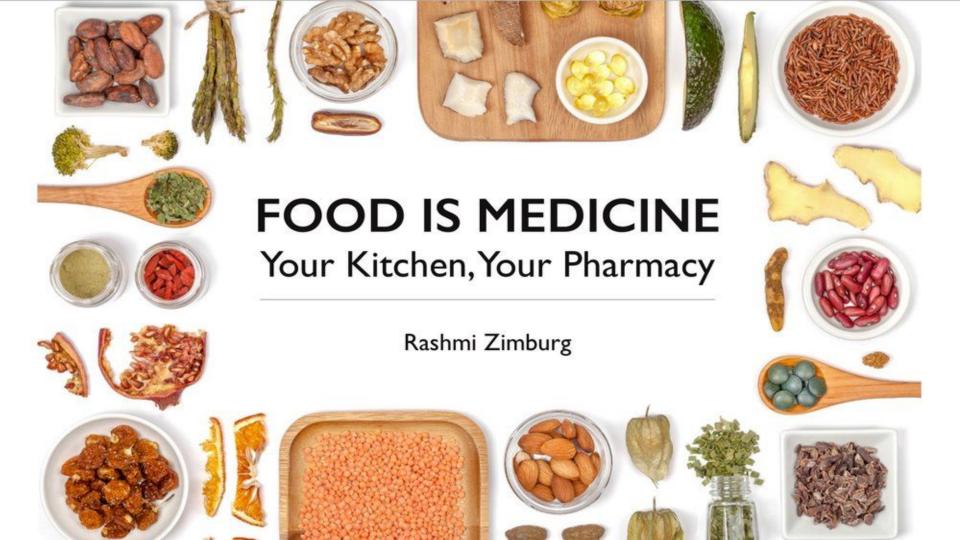




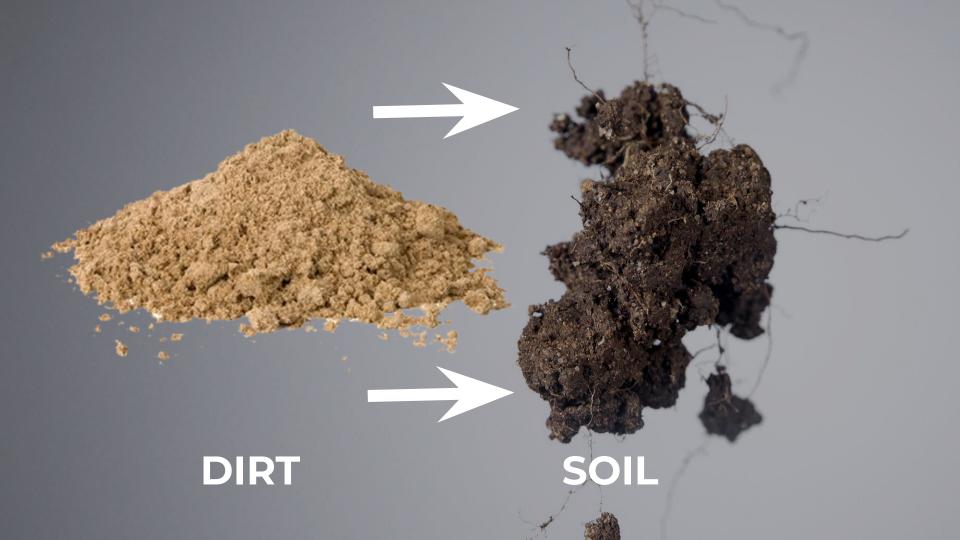
Microbes Rule the World!!

Healthy Soil Microbiome =
Healthy Plants & Animals =
Healthy Human =
Healthy Planet

























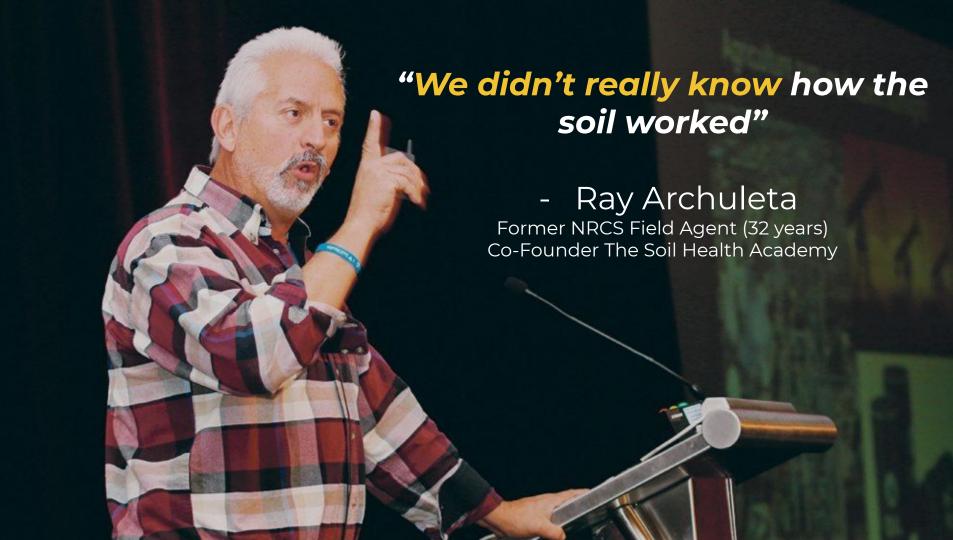


Reverse Global Warming

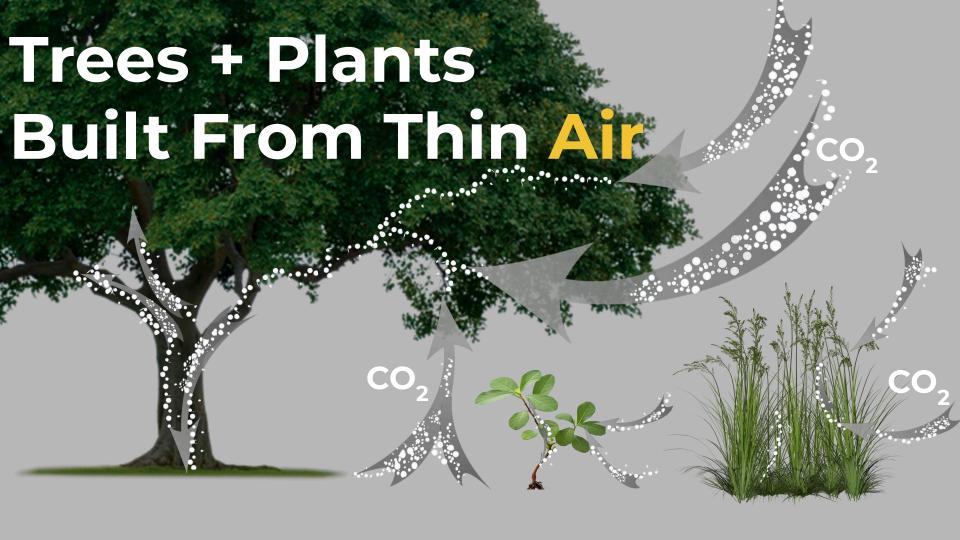


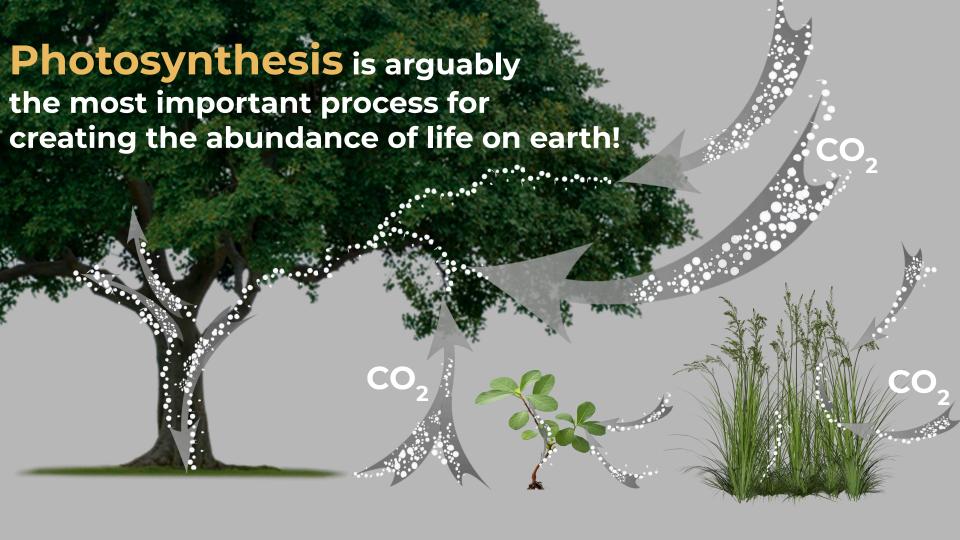


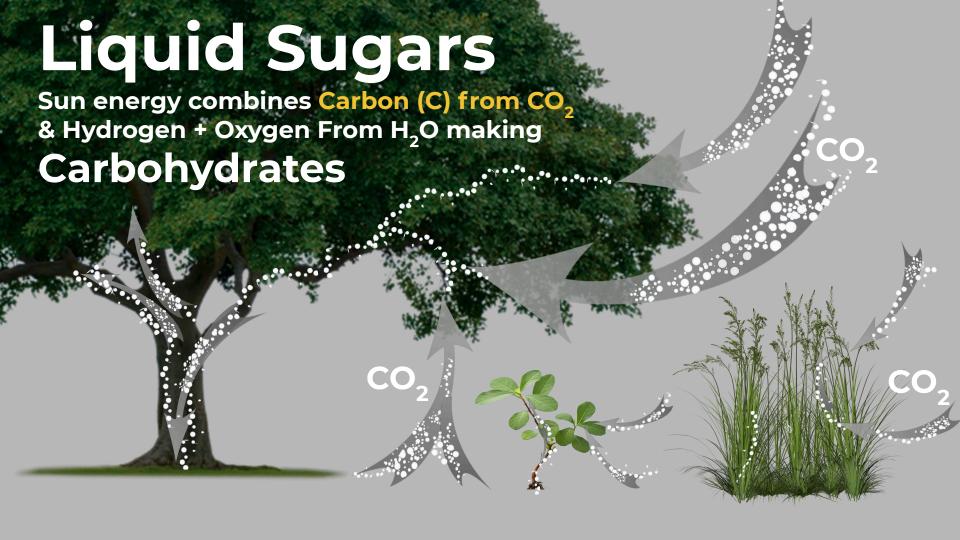






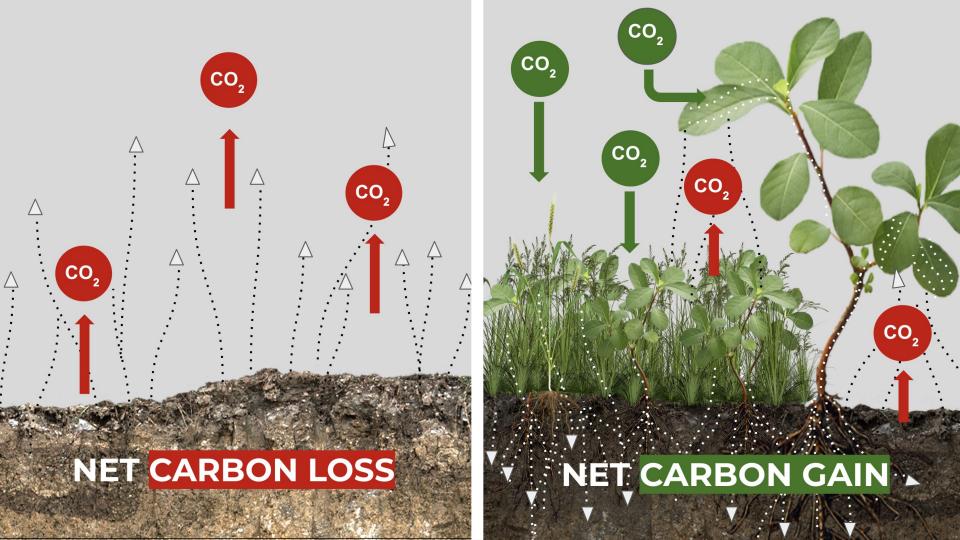






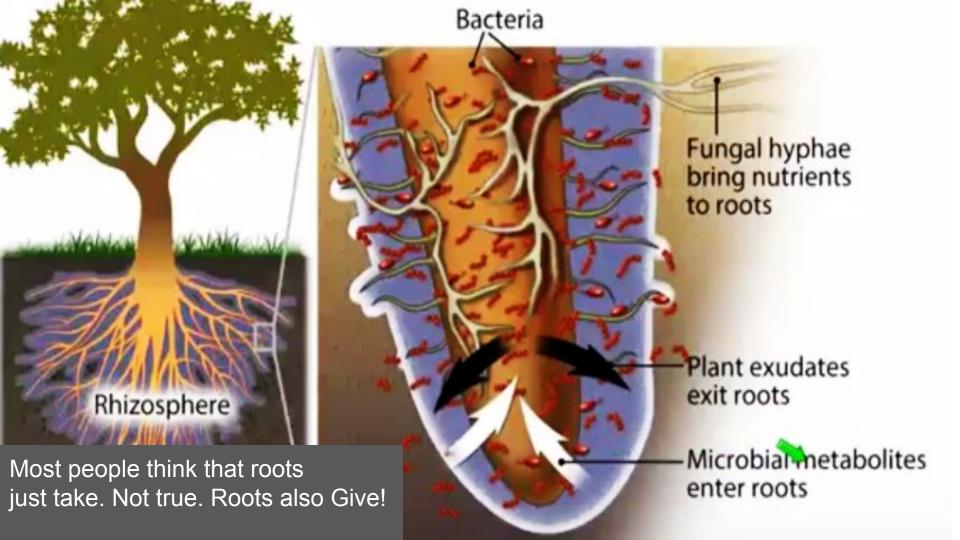


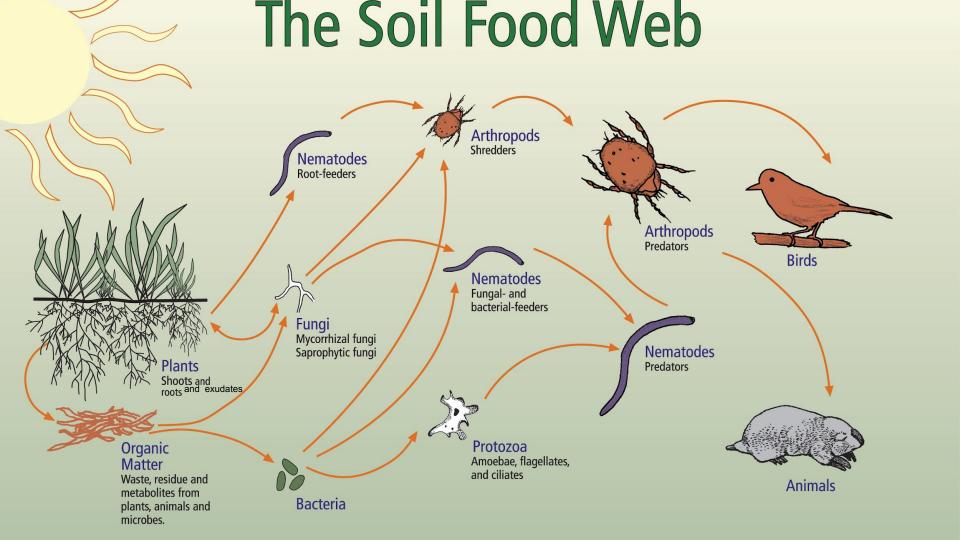




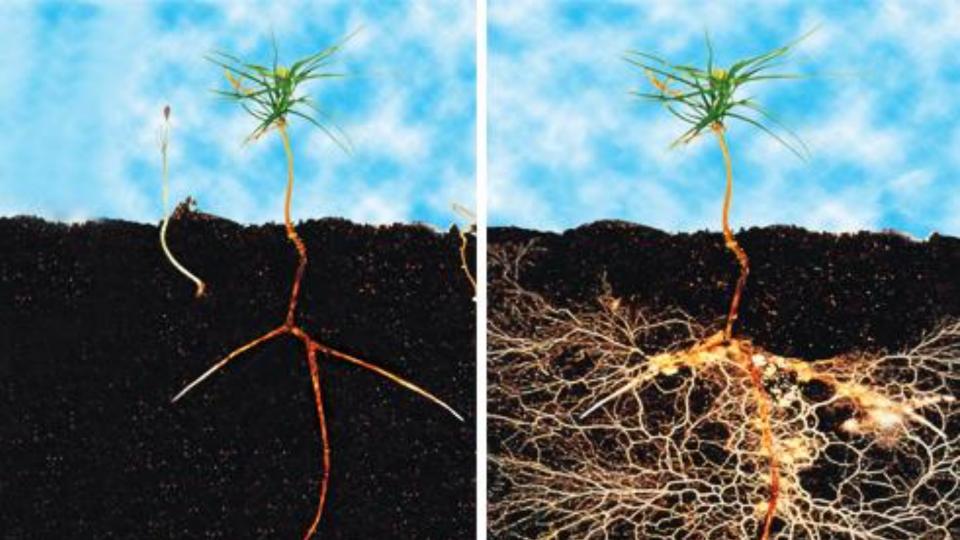


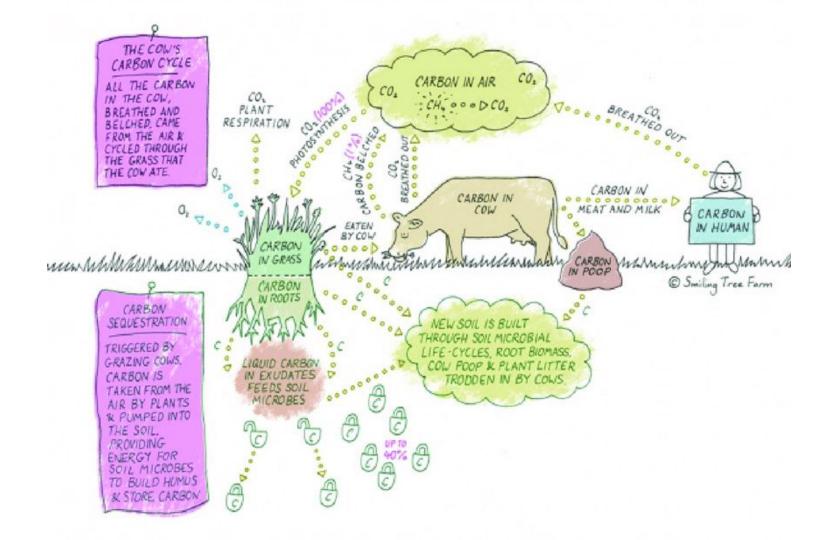












"We can't solve problems by using the

SAME KIND OF THINKING

we used when we created them."

- Albert Einstein

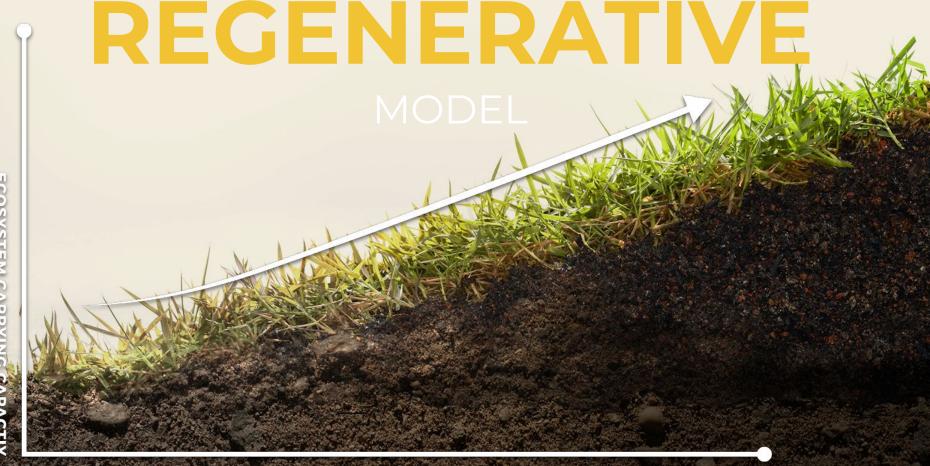






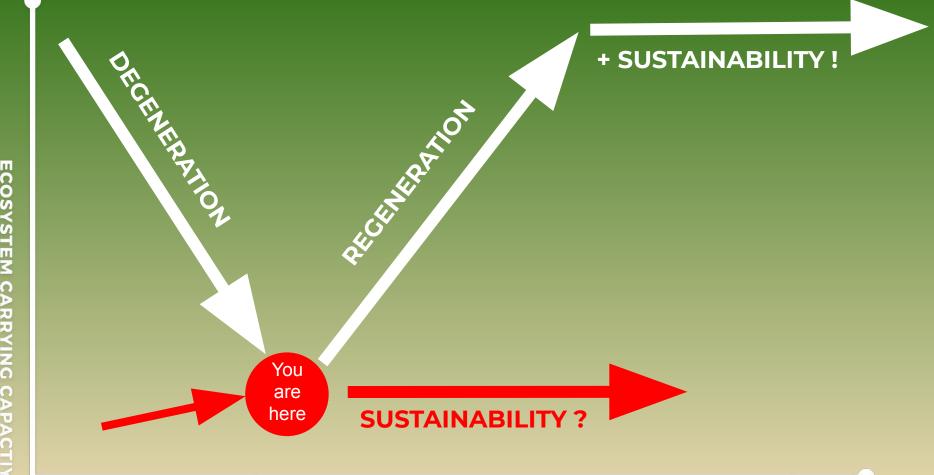
MODEL

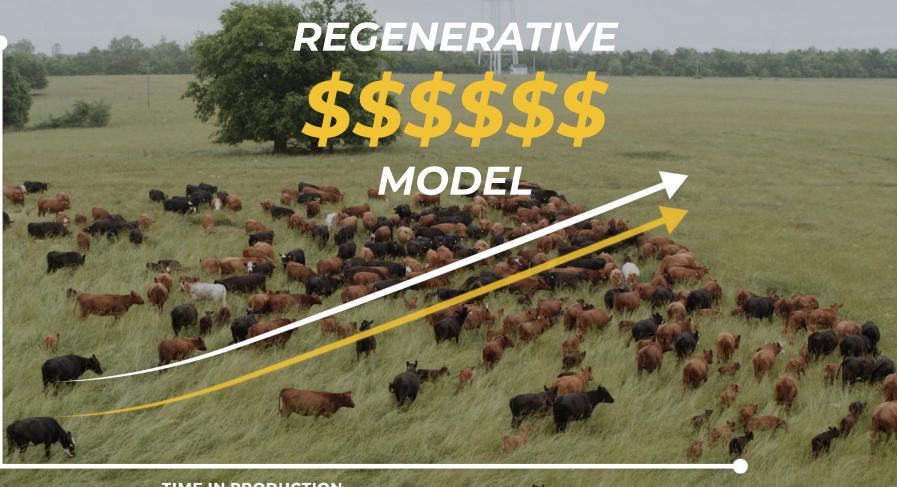




TIME IN PRODUCTION







TIME IN PRODUCTION

















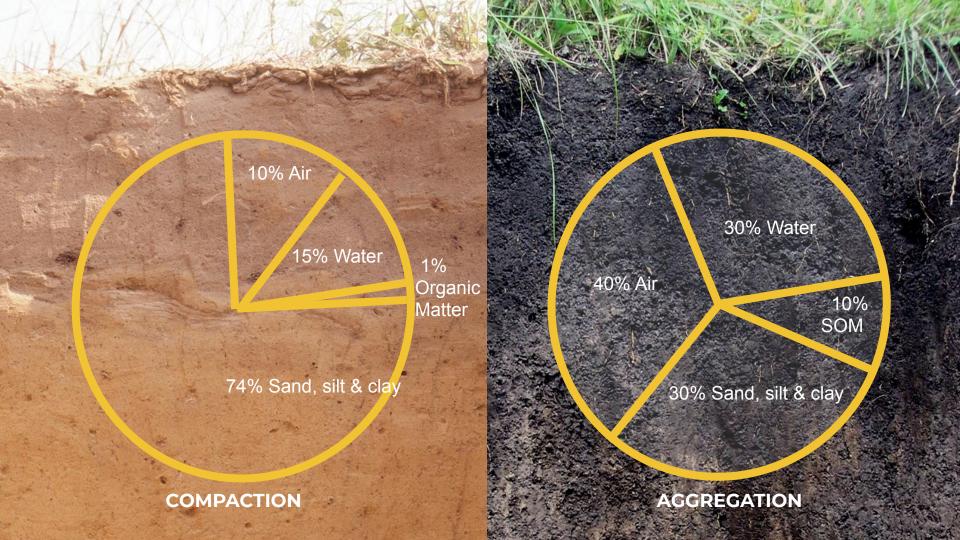


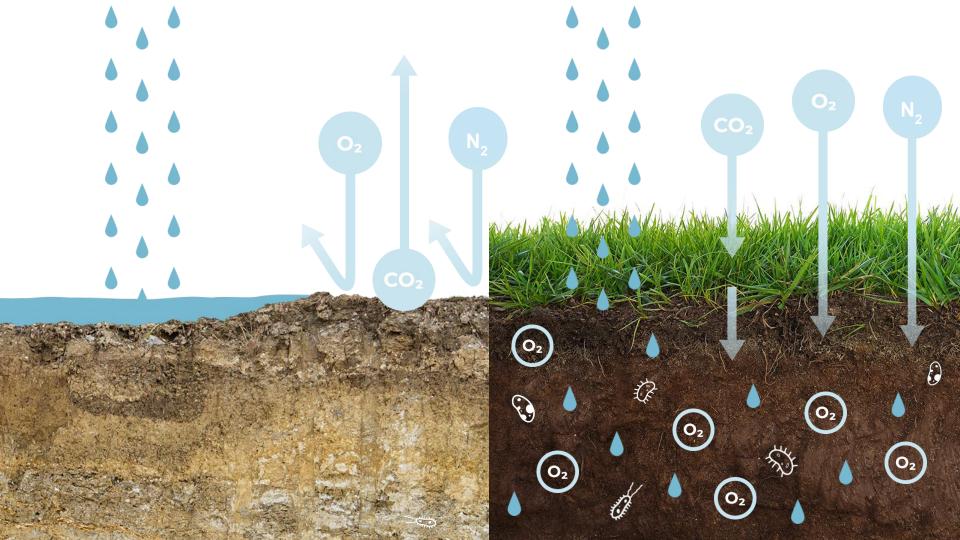




















Seven Tendencies Toward Regeneration

Robert Rodale, son of J.I. Rodale and head of Rodale Institute after J.I.'s passing in 1971, championed regenerative before the USDA organic standards and certification even existed.

Seven Tendencies Towards Regeneration

IN AGRICULTURE, COMMUNITIES, AND PERSONAL SPIRIT

PLURALISM

Increase in diversity of plant species.

Increase in diversity of businesses, people and culture.

Increase in diversity of personal experiences, capacities, opportunities and openness to new experiences.

2. PROTECTION

More surface cover of plants, ending erosion and increasing beneficial microbial populations near the surface. More resistance to economic and cultural fluctuations because of quantity and variety of businesses and people, which increases overall employment and community stability. Improvement of personal hardiness and an ability to withstand crisis, accompanied by a boost in the body's immune system.

3. PURITY

Without chemical fertilizer and pesticide use a greater mass of plants and other life exists in the soil.

Without pollution of the environment, more people can exist in better health. By ending detrimental habits such as smoking or thinking negatively, the potential for growth, happiness and success increases.

PERMANENCE

More perennials and other plants with vigorous root systems begin to grow. As businesses and individuals become successful and stable, they can contribute more to the community.

New, more positive, personal spiritual behaviors take root and provide a deeper meaning to life.

S. PEA

Past patterns of weed and pest interference with growing systems are disrupted.

Former patterns of violence and crime are reduced, improving overall security and well-being.

Negative emotions such as anger, fear and hate leasen in intensity and are replaced by tolerance, compassion and understanding.

6. POTENTIAL

Nutrients tend to either move upward in the soil profile, or to accumulate near the surface, thereby becoming more available for use by plants.

"Trickle up" economics -- more resources and money accumulate and are more available to more people.

The positive qualities and resources in yourself and your environment become easier to access and effect more people around you.

7. PROGRESS

Overall soil structure improves, increasing water retention capacity. Overall community life improves, increasing the health and wealth of its inhabitants. Capacity for well-being and enjoyment increases.

PRINCIPLES











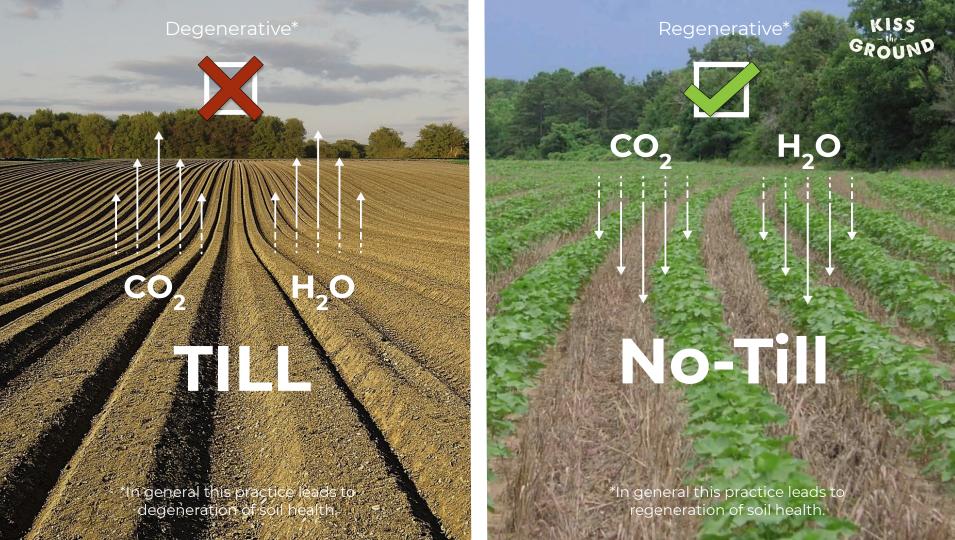
Least Disturbance

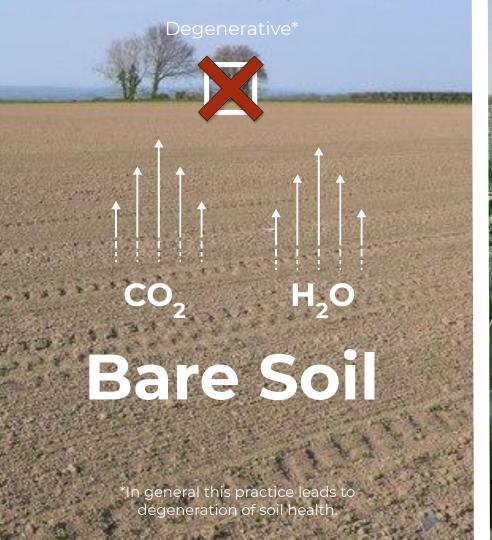
Living Root

Soil Armor / Ground Cover

Animal Integration

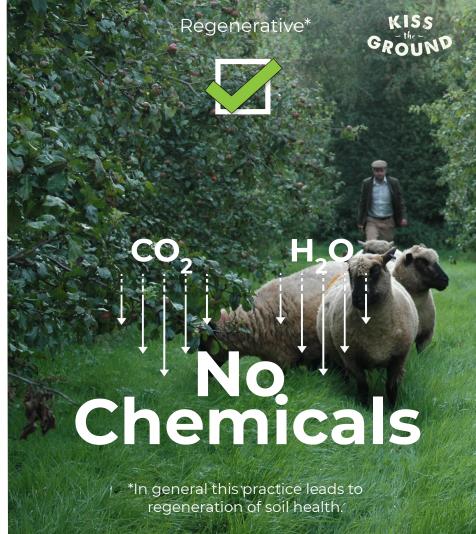
Increased Biodiversity

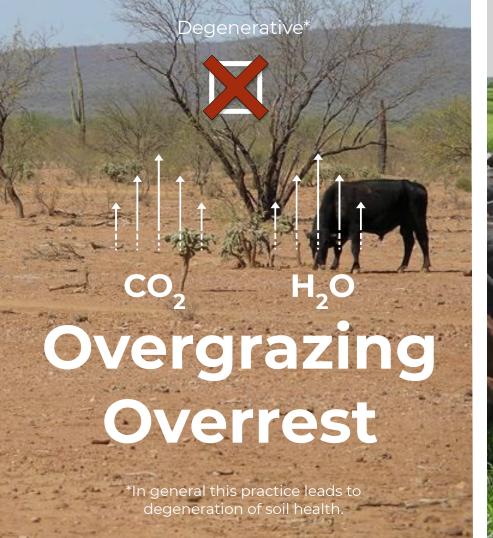


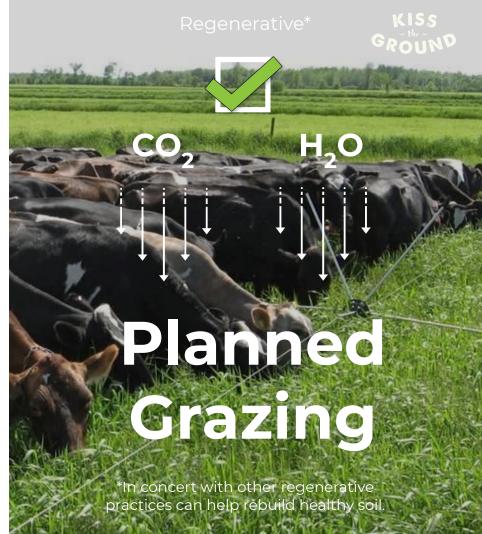


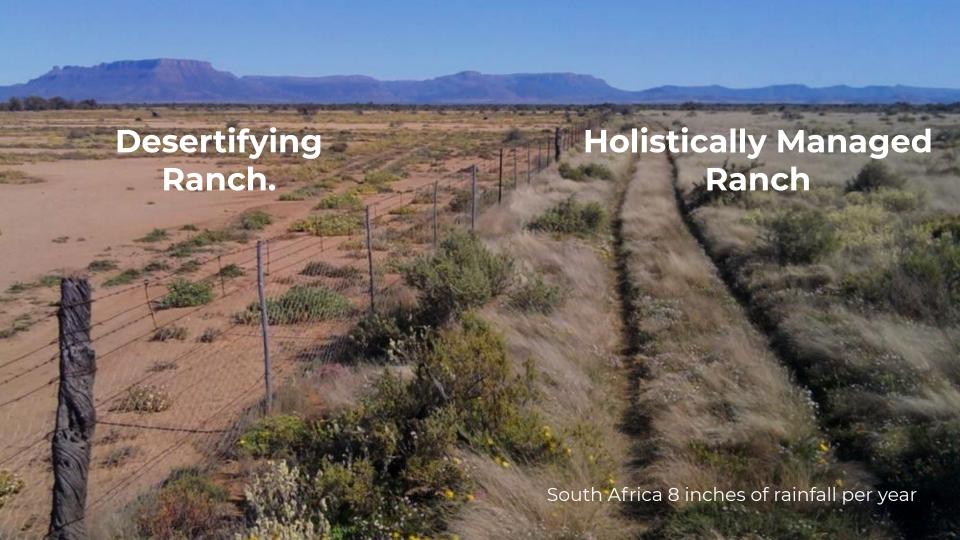


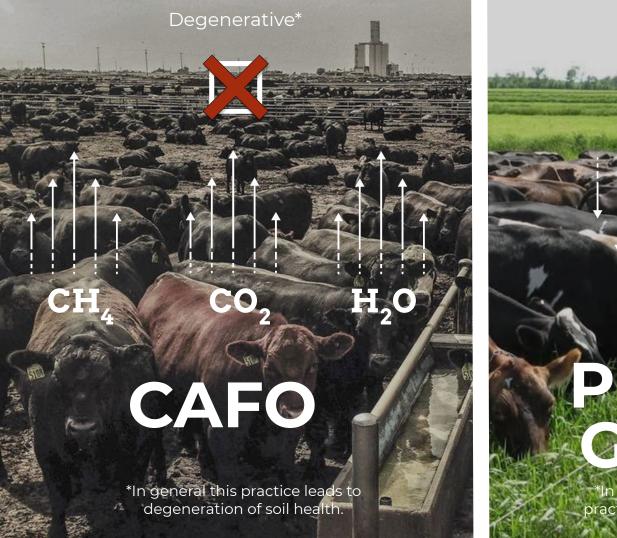


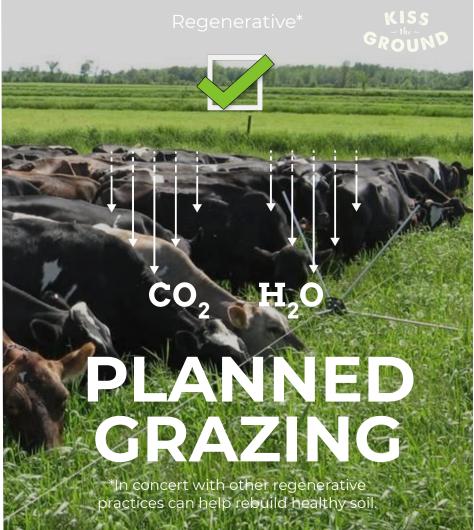


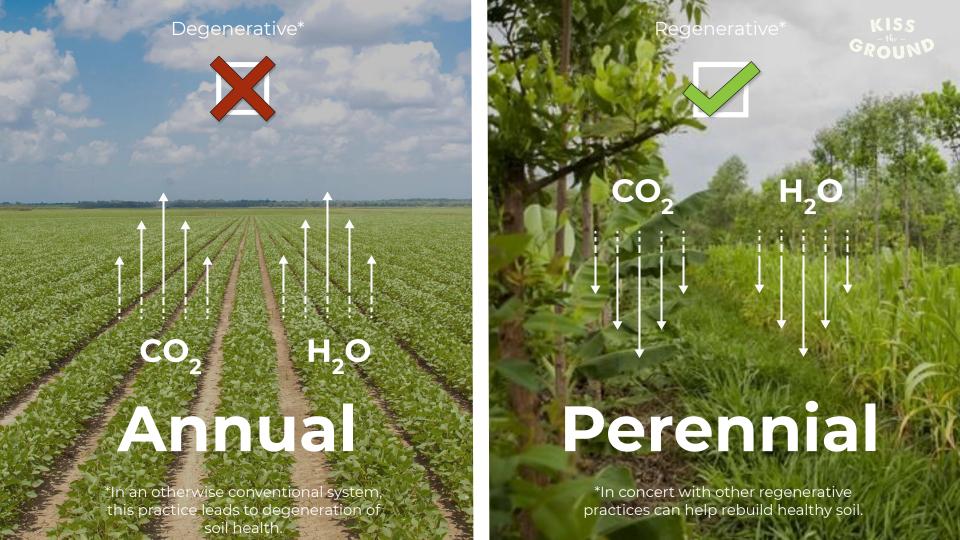




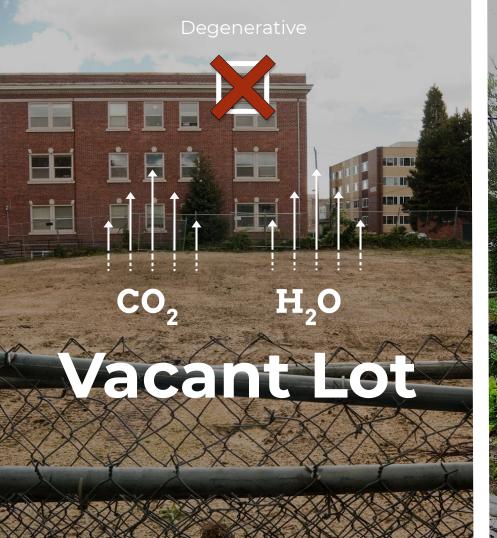


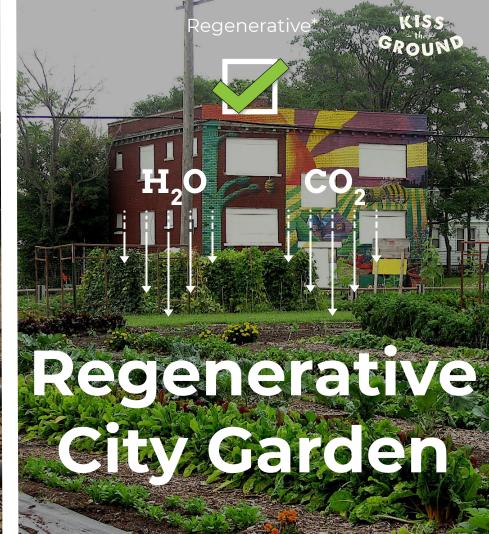






Simple, compost increases photosynthesis and therefore the ability for plants to sequester carbon and build back soil structure.





HEALTHY AGGREGATED SOIL LARGE WATER CYCLE (LESS FREQUENT) **DIVERSE PLANTS + HEALTHY SOIL = HEALTHY WATER CYCLE** (40% OF RAIN SHOULD COME FROM SMALL WATER CYCLE) DISPERSED STATE POTRANSPIRATION EVAPOTRANSPIRATION SMALL WATER CYCLE SMALL MICROBIAL GLUES WATER ABSORPTION **GREEN CITIES** (PLANTS REQUIRED) WATER CYCLE EVAPORATION = SOIL MOISTURE SMALL REGENERATIVE FARMING WATER CYCLE WATER ABSORPTION = SOIL MOISTURE **INFILTRATION** AGGREGATED STATE **IMPERVIOUS LAYERS** SPRING / ↑ WATER TABLE ↑ **AQUIFER** RIVER **ABSORPTION**

DEAD UNAGGREGATED SOIL



DISPERSED STATE





RUNOFF

