Sustainable Agriculture

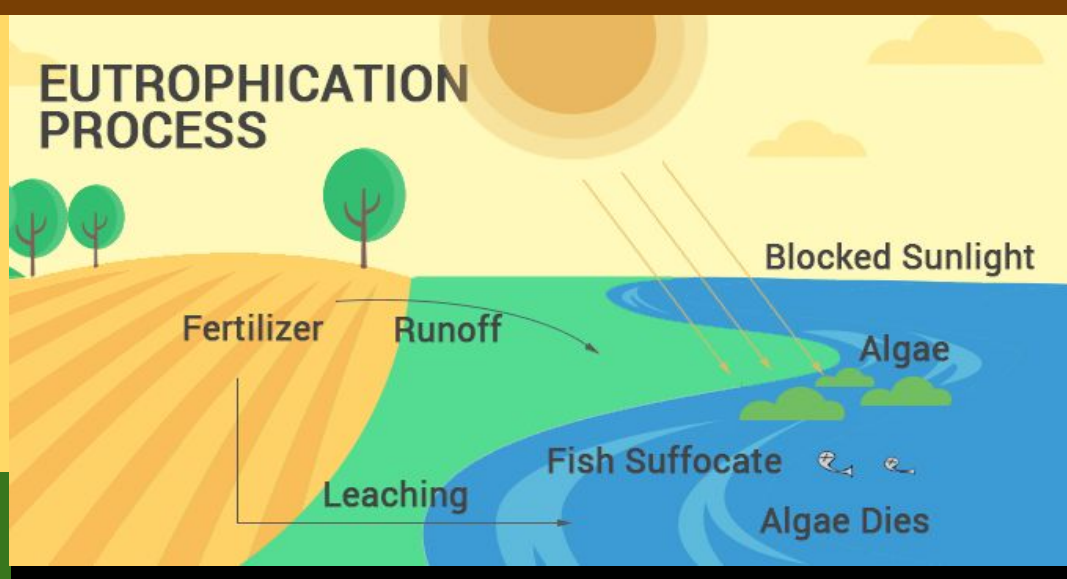
Agriculture practices have led to a decrease in soil health, harming farms and the overall ecosystem. Regenerative agriculture promotes practices to minimize damage caused by agriculture and promote farm productivity.

WHAT'S THE PROBLEM?

Traditional Agricultural Practices

LEAD TO

Erosion and Loss of Soil Health
Decreased Productivity
Eutrophication of Water



WHAT'S THE SOLUTION?

Sustainable Agriculture Practices:
No Till Farming, Cover Crops, Biodiverse Crop Rotations, Less Pesticides and Fertilizer, Efficient Water Distribution

LEADS TO

Rebuilding Healthy Topsoil
Increased Carbon Sequestration
Healthier Water Systems
Increased Agriculture Productivity

LONG TERM EFFECTS

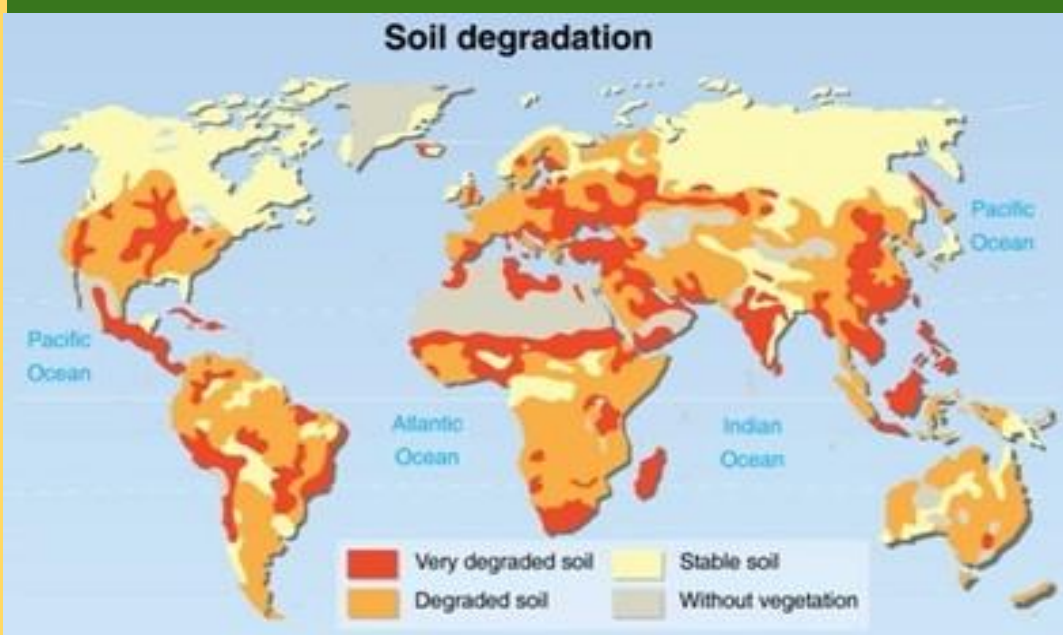
- ☑ Expansion of Natural Resource Supply
- ☑ More Economically Sustainable with Less Agricultural Caused Damages
- ☐ Production of Sufficient Food to Meet the Needs of a Sharply Rising Population
- ☑ Integrates Environmental Health, Economic Profitability, Social Equity
- ☐ Protection of the Environment

Key Goals of Regenerative Agriculture

1. Satisfy human food needs and contribute to biofuel needs
2. Enhance environmental quality
3. Sustain the economic viability of agriculture
4. Enhance the quality of life for farmers, farm workers and society as a whole

"more diverse rotations **increase corn grain yield across all growing conditions** by an average of 28 percent" (USDA Sustainable Agricultural Systems Laboratory)

This scientific data aligns with the goals of sustainable agriculture.



Want to Help?

Suppport local farms that practice sustainable agriculture:

- ➔ Philo Ridge Farm
- ➔ Studio Hill Farm
- ➔ The Intervale Community Farm

Donate to

Regenerate Vermont