

A Healthy Planet Starts with Soil



Living Soil

Healthy soil is rich with microbial life. Plants turn sunlight into carbon and send some via their roots to soil microbes. In return, microbes mine the soil for nutrients that plants need.



Dead Dirt

Much of our soil has been degraded by poor agricultural practices and deforestation. It has lost its fertility and the ability to hold water.

Living Soil Is Good for the Planet

Healthy soil stores carbon that would otherwise be released into the air as CO². By regenerating soil, we can store enough additional carbon to offset about 30% of current global CO² emissions.

We Can Revive Our Soils

As farmers, ranchers, gardeners and land owners we can rebuild healthy, carbon-rich soil using regenerative practices:

Minimize Disturbance

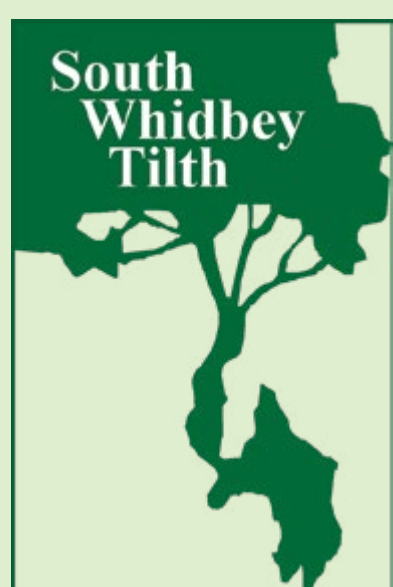
Minimally tilled land free from harmful chemicals preserves microbial life instead of destroying it.

Keep It Covered

Land carpeted with plants is microbe-rich and retains up to three times as much water, increasing drought-resistance and decreasing floods.

Sow Diversity

A diversity of plants in turn supports diversity in the ecosystem, creating more resilient crops. Fertile soil means more food and fiber for us and all living things.



SOUTH WHIDBEY TILTH'S mission is to cultivate community action to build a sustainable, environmentally sound and socially equitable food system. Our commitment is to advocate, study and teach agricultural practices consistent with stewardship of the natural world. We demonstrate principles and practices of sustainable agriculture, as well as promote a variety of opportunities for local market gardeners and farmers.

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