



Essential Soils

Did you know that soil is a finite resource that provides food for us and has a critical role in ecosystem health? We treat soil like dirt, but without it, we couldn't access a continuous supply of food and species that depend on soil would be in danger of extinction.

Soil is made up of particles, organic matter, water, air, and living organisms, all of which are important to the overall health of the soil and the plants that grow in it.

There are three soil particle types: sand, silt, and clay. The texture of the soil depends on how much of each particle type the soil contains. Healthy soil has a mix of all three and contains air pockets, where roots can grow, and water can flow.

What's in YOUR soil? Be a soil scientist and find out!

Get a soil sample from outside of your home to evaluate. Click on the link below and follow the instructions to discover its composition:

<https://www.azlca.com/uploads/documents/jar-soil-test-activity-sheet.pdf>

Now you understand more about the importance of soil, but did you know that soil can also help slow the rate of climate change? Check out the video below from National Geographic to learn more!

<https://video.nationalgeographic.com/video/0000015b-a120-d835-ad5b-b32aef720000>