

World Soil Day

"Soils,
where
food
begins"

5th
Dec
2022



TCE EIACP PC-RP

Thiagarajar College of Engineering. Department of Chemistry
Under Ministry of Environment, Forest & Climate Change, Govt. of India.

Intresting facts about Soil

A single gram of healthy soil contains millions of organisms including earthworms, nematodes, mites, insects, fungi, bacteria and actinomycetes.

Soil is a frontier for exploration: Only about 1 percent of soil micro-organisms have been identified.

Soils process recycled nutrients, including carbon, so that living things can use them over and over again.

Soil stores water: A one percent increase in organic matter in the top six inches of soil would hold approximately 27,000 gallons of additional water per acre.

Soil stores vast quantities of carbon: Scientists say that more carbon resides in soil than in the atmosphere and all plant life combined; there are 2,500 billion tons of carbon in soil, compared with 800 billion tons in the atmosphere and 560 billion tons in plant and animal life.