



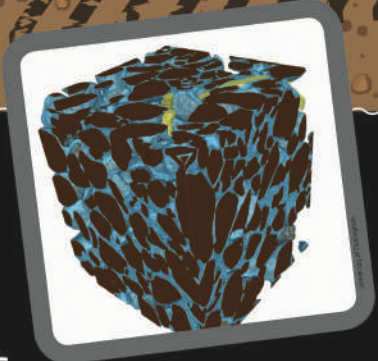
Soil science

Soil compaction from vehicles and livestock is a big problem for farmers. Scientists are developing new techniques and machinery to keep soil in good condition.

95% of our food supply depends on soil. Healthy soil is critical for farming and society. Soils need to be managed in a sensitive and sustainable way.

Healthy soils are full of life! The porous structure provides living space for roots and organisms. Soil scientists help farmers manage and enhance this precious natural resource.

X-rays of soil particles are helping scientists to understand soil structures and how air, water and roots pass through it.



Cutting edge technology can rapidly analyse soil, helping scientists to understand the microorganisms in it and what they do. Farmers can use this data to select precise crops for this soil.

Did you know... There are more microorganisms in a handful of soil than there are people on planet earth!



Did you know... There are over 3000 types of soil



Earthworms are a good indicator of healthy soil. Scientists have calculated that 16 worms in one spadeful of soil can boost yields by 20%.



Soil = water, air, minerals & organic matter (old rotting plants!)