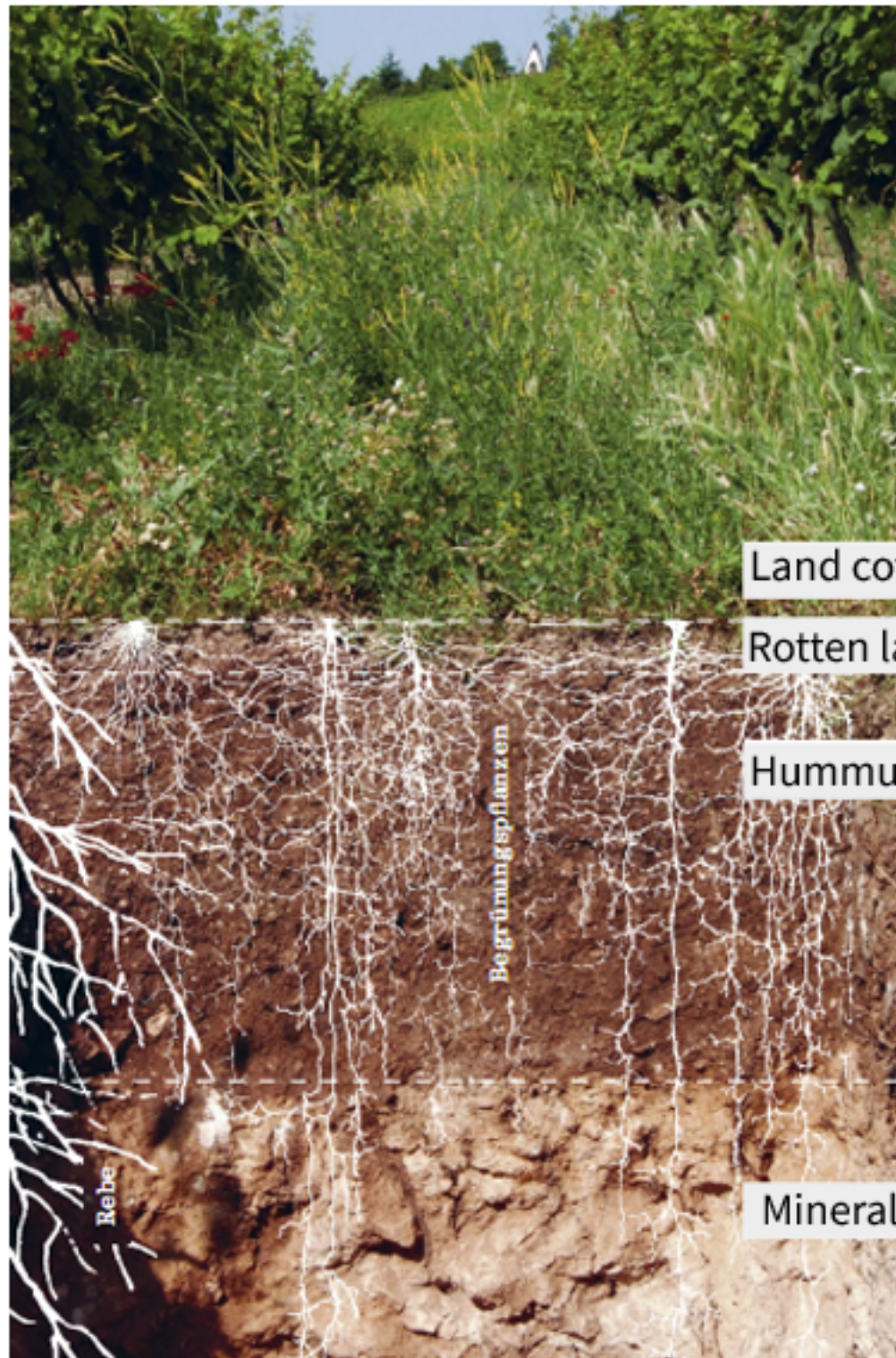


The soil in organically cultivated vineyards has well discernible layers.



Land covers

Rotten layer (5 cm)

Hummus (20-30 cm)

Nitrogen-rich humus is the most important basis for the natural nutrition of the vine. Nitrogen, the most important growth engine of the plant life, is used directly to build up the bodies of the plants.

Mineral layer (30-250 cm)

The rock stratum stores water and gives the vine stability. Their geological structure and characteristics influence aroma and quality.

An overview of the soil layers:

Extraction shift: soil cover with leaves and mulch, Rottschicht? With bacteria, fungi and small animals / construction layer?: humus, microorganisms, nitrogen bacteria, algae, root fungi / host rock: mineral layer with weathered rock and water reservoir.