

BODENKOFFER

SOIL KIT



COFFRET DE SOL

The soil health in agriculture is becoming increasingly important.

The better the farmers know their soil, the better they can respond to extreme environmental influences and reduce pesticide and fertilizer usage while still achieving high yields.

This contributes significantly to environmental protection and sustainability in the rural regions.

Therefore 2019, the LEADER-Region Oberinnviertel-Mattigtal initiated a project to invent the soil kit.















Aims of the project:

- Resource conservation in agriculture
- Awareness of the health of one's own land and soil
- Saving agricultural inputs

















SOIL KIT – the analysis







physical

chemical

biological













SOIL KIT – 10 steps



- 1. Shovel soil sample
- 2. Soil penetrometer
- 3. Turbidity bottle
- 4. Percolation ring
- 5. Wooden ball test
- 6. pH value
- 7. Hydrochloric acid
- 8. Rhizobial nodulation
- 9. Indicator plants
- 10. Soil organisms





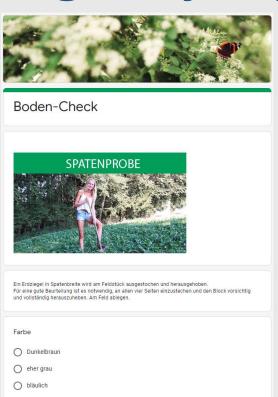








Digitally capture values

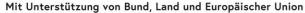


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...oder dem QR-Code folgen:













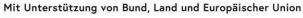




Shovel soil sample



















Soil penetrometer



















Turbidity bottle



















Percolation ring











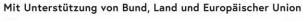




Wooden ball test















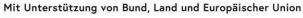




Hydrochloric acid













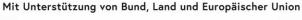




pH value













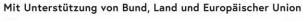




Rhizobial nodulation















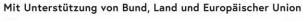




Indicator plants













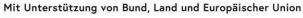




Soil organisms



















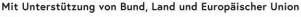
SUCCESS





300 soil kits are not only used by many farmers in Austrian LEADER regions but also in agricultural schools, offices, and universities (Austria, Germany, Luxembourg, Italy, Slovenia and El Salvador). The soil kit was awarded by the Austrian Federal Ministries of Agriculture and Climate Protection in 2022 and 2023.















www.bodenkoffer.at









