

SoilCare PhD Research Information

Research Title

Impacts of soil improving cropping systems on physical soil quality

Objectives of the research

Monitoring of the impact of different cropping systems in various indicators which characterize the physical soil quality short term (ST) and long term (LT).

- Distinguishing of crucial and sensitive parameters that are affected LT and/or ST and can be used in soil quality assessments and in optimization of the minimum datasets (MDS).
- Understanding how the soil structure is affected by each agricultural management and planting pattern.
- Understanding how the soil structure is linked with the soil physical characteristics.
- Simulating structure characteristics and hydraulic soil properties under varying meteorological conditions and management practices.

SoilCare study site

WP5 – Monitoring and assessment of CS, working with partner KU Leuven, Belgium.

Cooperation with various study sites of the project

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