

Applied Plant Research is working on Soil Quality

Operations

- Soil tillage
- Organic matter
- Fertilization
- Crop rotation
- ...



Development of:

- Strategies for non inversion tillage
- Strategies for enhancement of biological soil resilience
- Decision support systems for soil management

Testing of:

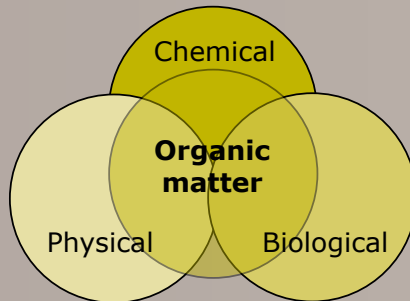
- Organic matter strategies
- Structure and soil improving agents
- Crop rotations and green manure crops

Cooperation and knowledge transfer

- Cooperation with all stakeholders
- International cooperation
- Field days and excursions
- Coaching of farmer networks
- Scientific publications and presentations
- Professional publications and presentations
- Web applications

Integral systems approach

Soil



- Assessment of effects of operations on soil properties
- Better understanding of the soil system
- Development of new measurement methods
- Development of an integrated set of soil indicators



Ecosystem services

- Production
- Water management
- Biodiversity
- Climate

Assessment of effects of operations on ecosystem services

