

WP5: Field trials & monitoring

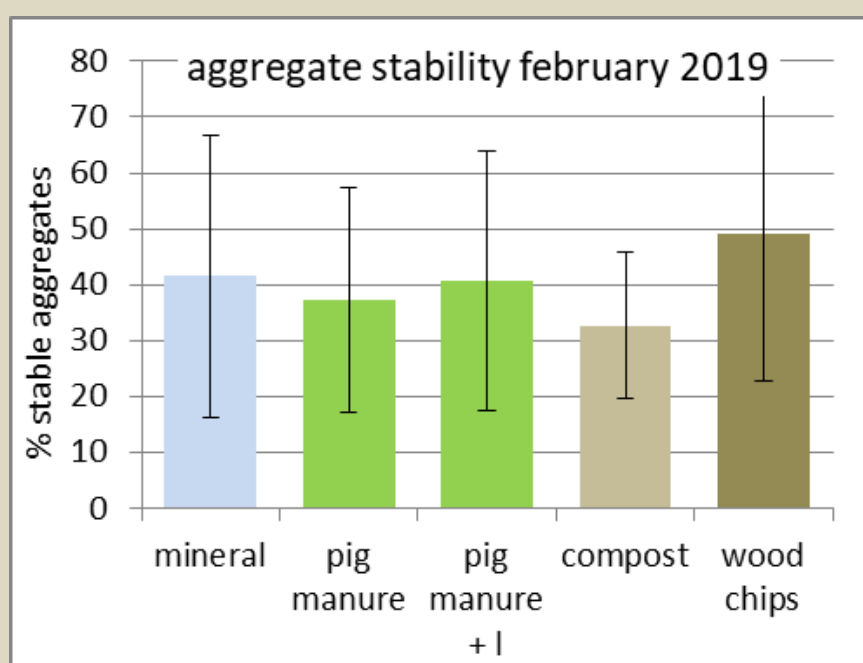
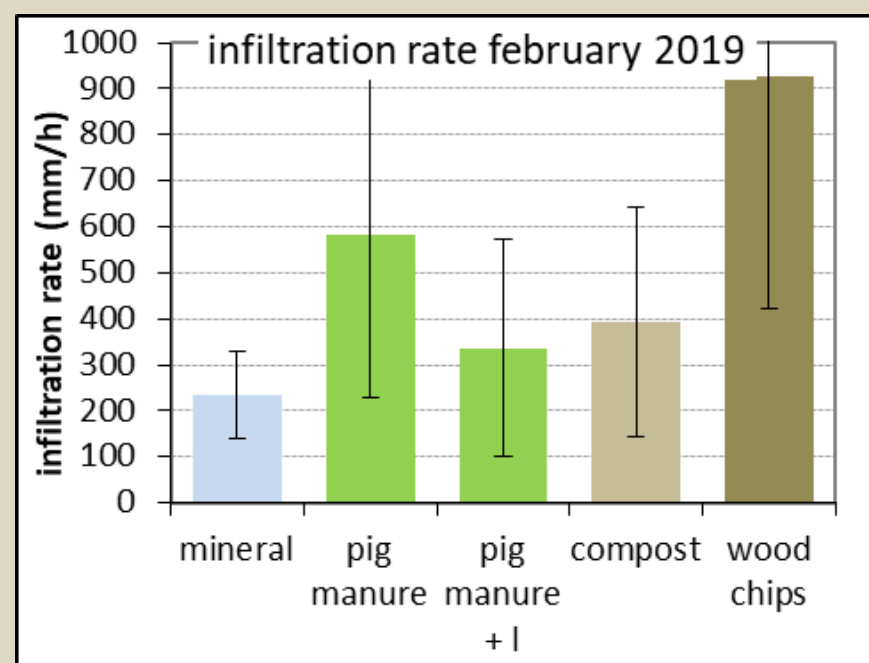
Organic soil amendments: trial with 6 treatments and 4 replications, laid out in strips

- control without fertilization and with only mineral fertilization
- application of VFG compost, wood chips or solid pig manure with or without lava grit
- See presentation on wood chips

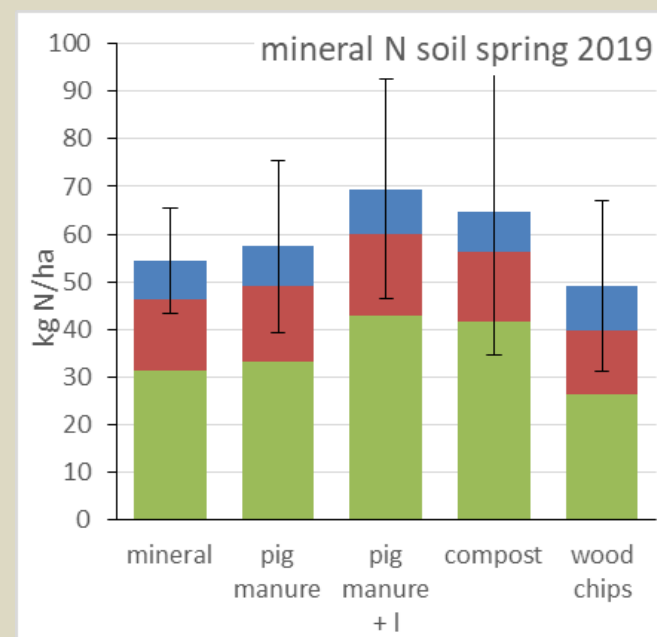
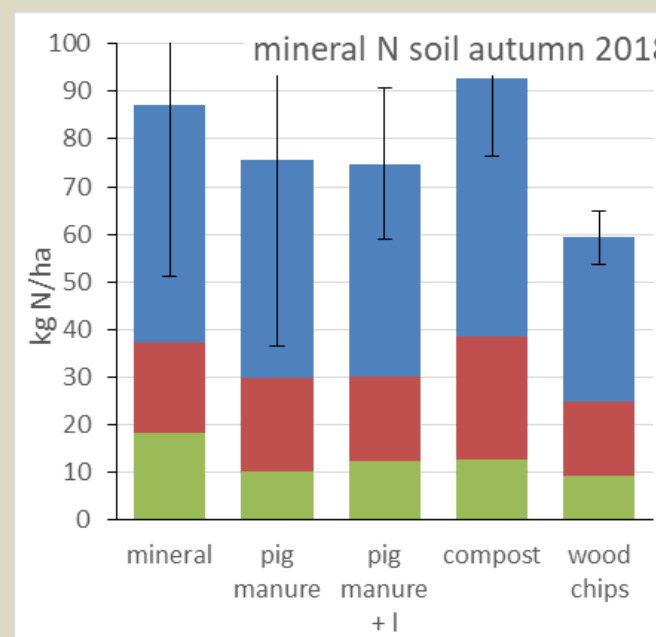
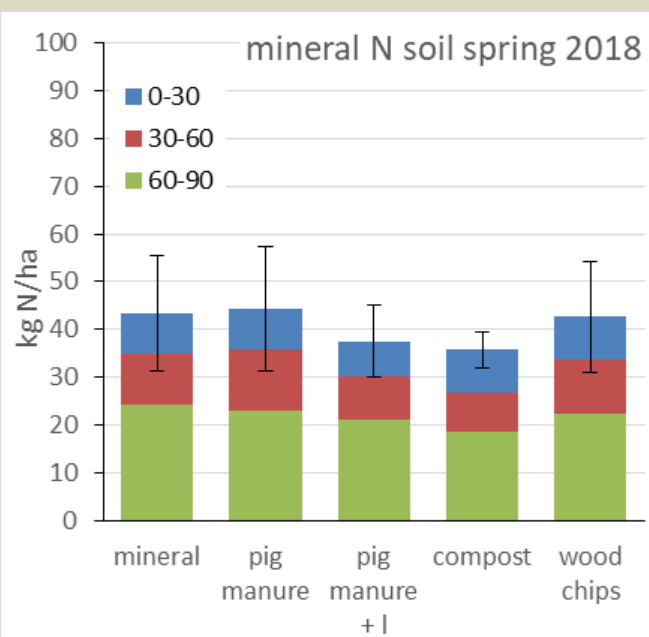


Monitoring

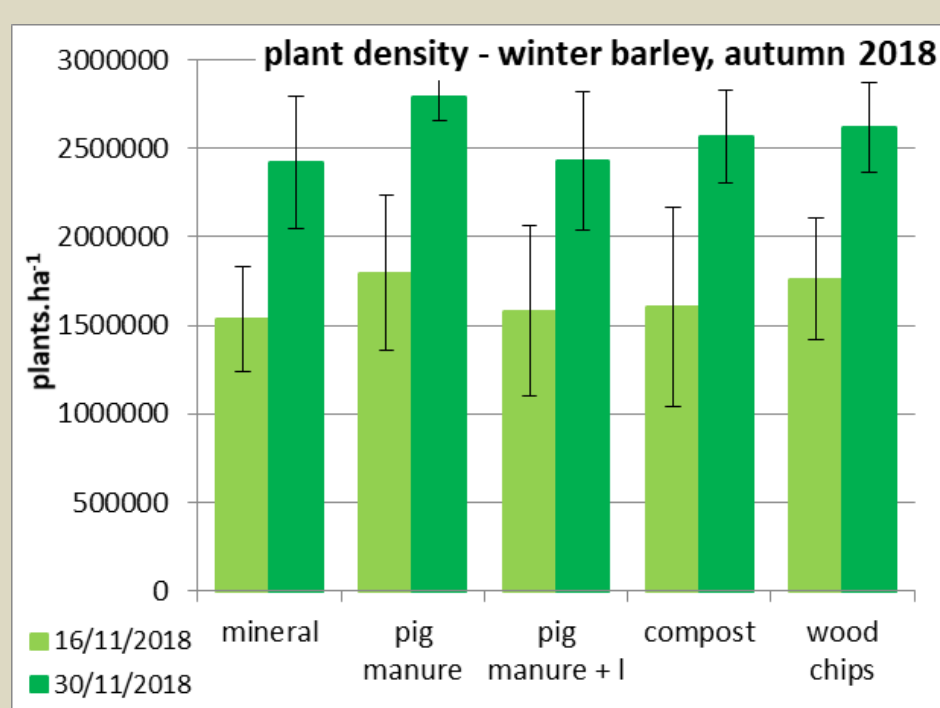
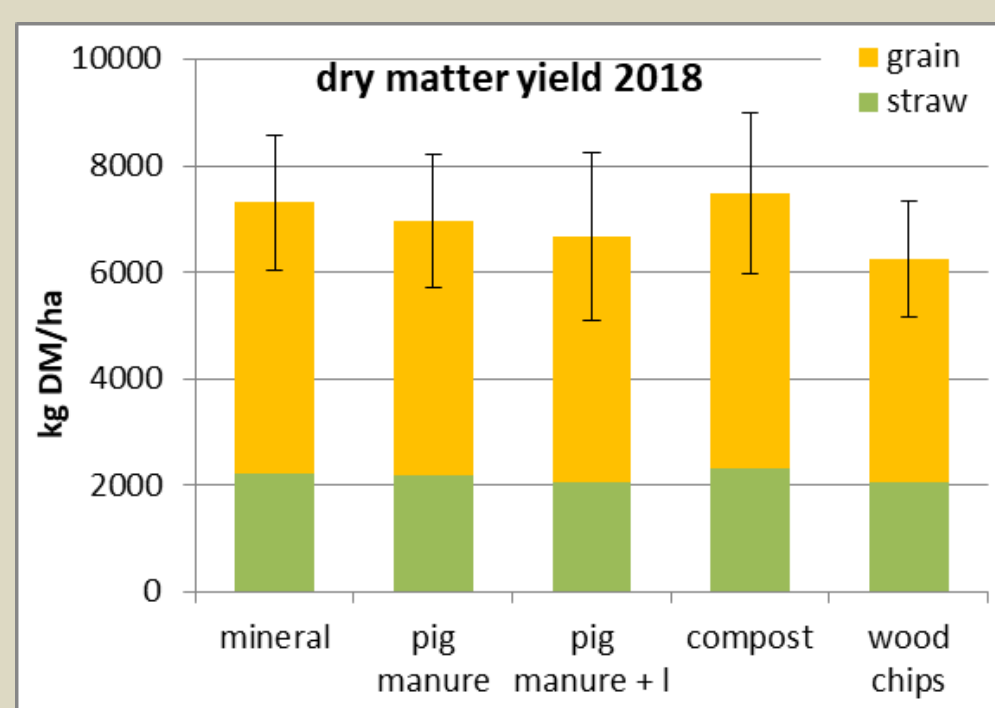
Soil physical indicators



Soil chemical indicators



Soil biological indicators



Economical indicators: costs – benefits Socio-cultural indicators

→ interviews

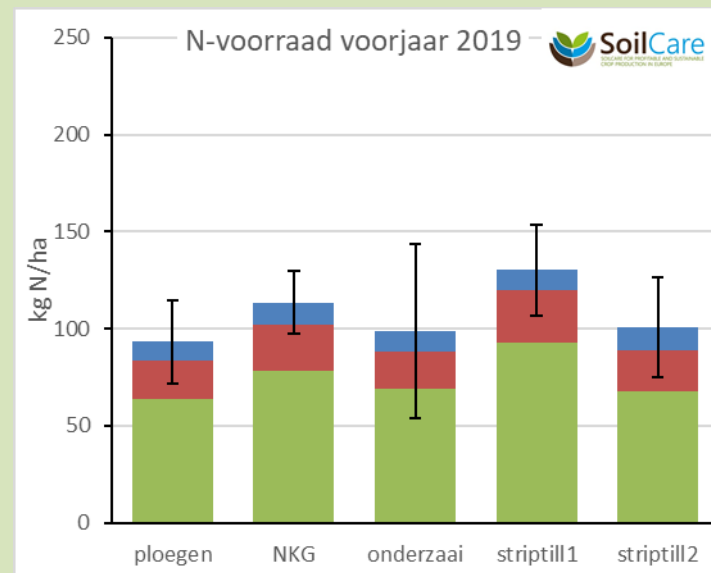
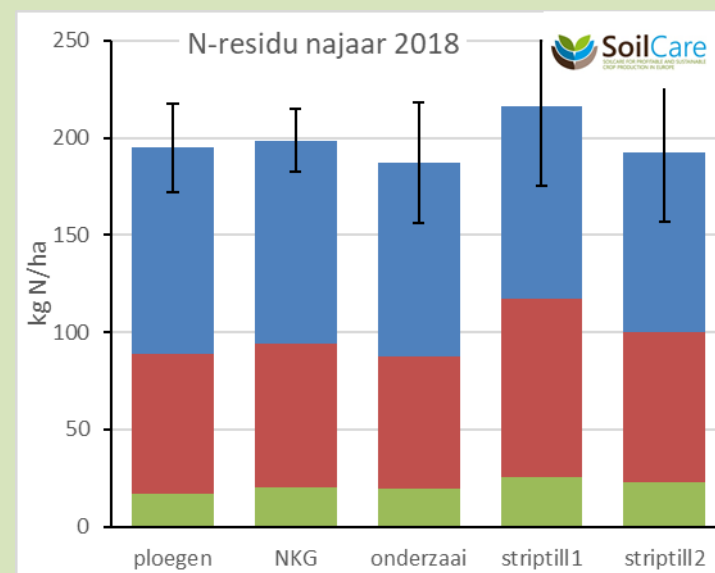


Soil tillage and soil cover in maize: 5 treatments and 4 replications

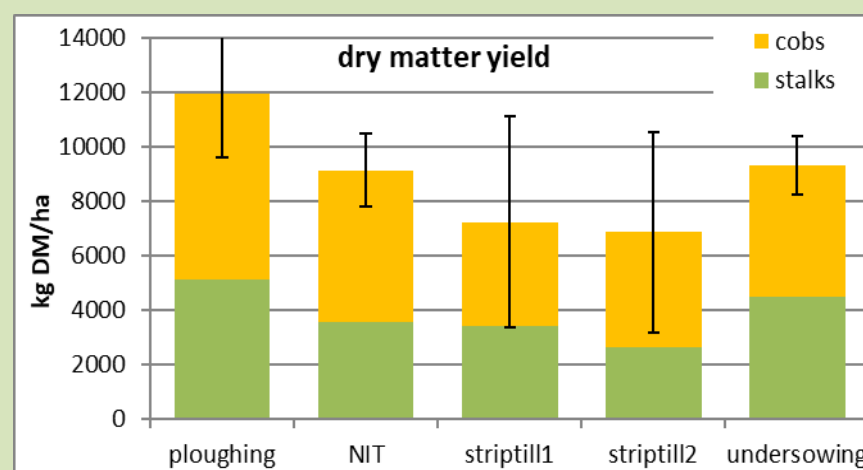
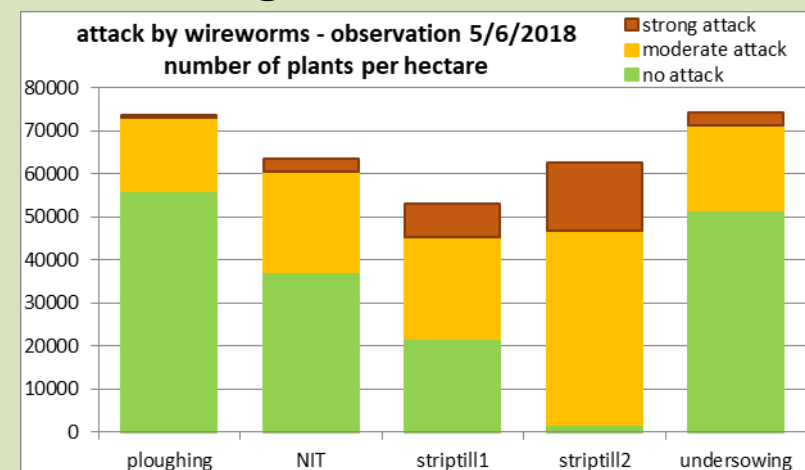
- control: conventional tillage
- non-inversion tillage
- strip-till in living or destroyed rye cover crop
- undersowing of grass

Monitoring

Soil chemical indicators



Soil biological indicators



Economical indicators Socio-cultural indicators

→ interviews

WP8: Dissemination (since 2018)

Press and articles

- Interview with professional newspaper: 12/3/2018
- Article Management&Techniek: 2/9/2018
- On-line articles VILT: 30/1/2019, 21/2/2019

Presentation SoilCare during field visits and meetings

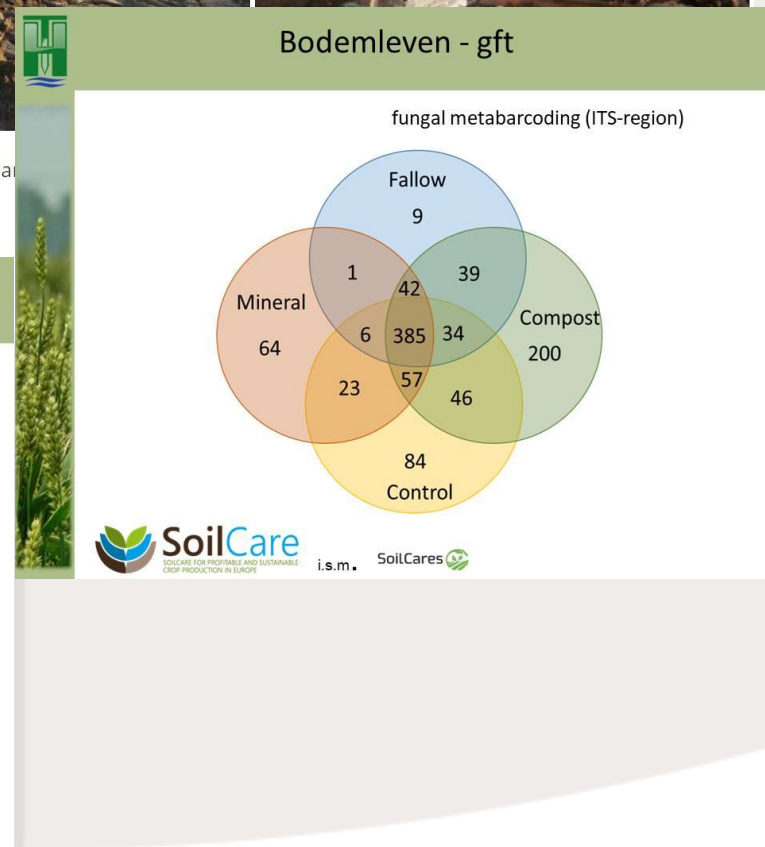
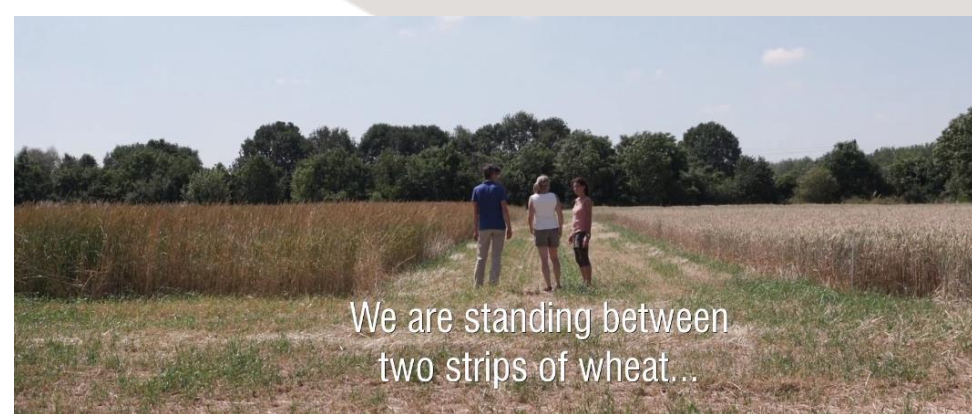
- Open Field day SoilCare: 20/6/2018 (±60 participants, farmers, policy makers, researchers, students))
- Field visit on soil quality: 4/12/2018 (± 20 participants, mainly farmers)
- Train the trainer session on soil organic matter, 10/12/2018 (± 30 participants, mainly researchers and extension workers)
- Bodemlevendag (Soil Biology Day), 28/1/2019 (±70 participants, mixture farmers, researchers, policy makers)
- Provincial Steering Committee CVBB, 19/3/2019 (12 participants, policy makers, researchers, farmers union representatives)
- Field visit ornamental farm, 13/12/2018 (±10 participants, mainly farmers)
- Farmers meetings on cereals during winter 2018-2019 at 3 locations in Flanders (> 300 participants, farmers)
- Master course on soil organic matter at Catholic University of Leuven (2018 and 2019)

Other

- SoilCare film: 28/6/2018
- Multiple dissemination activities related to the long-term experiments

Planned 2019:

- Field visit + stakeholder meeting: May 2019
- Article in 2-3 newspapers on trial results 2018-2019
- ...



The **SOILCARE** project is a 5 year project aimed at identifying and evaluating promising soil improving cropping systems and agronomic techniques increasing profitability and sustainability across scales in Europe.

The SOILCARE project consortium consist of 28 partner institutes from 10 European countries. The SOILCARE project is coordinated by ALTEIRA, Wageningen UR, The Netherlands.

• Starting date: March 1st 2016. • Ending date: February 28th 2020. • EU contract number: 677407

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