

Succes med Conservation Agriculture

- PAF 2021-2023



Promilleafgiftsfonden for landbrug

SEGES
INNOVATION

Purpose of the project

Optimization of CA so yields are maintained and soil health improves

- **WP1:** National trials with different establishment methods in CA cultivation.
- **WP2:** Targeted crop protection in CA.
- **WP3:** Optimization of fertilization and liming strategy in CA.
- **WP4:** Development of the economy at transition to CA.
- **WP5:** Dissemination and exchange of experience between farmers and advisors.



GRObund – testing of cultivation systems

Objectives

- To investigate whether CA is a more sustainable form of cultivation
- To uncover effects on soil health
- Testing 'new ways'
- To provide a *platform for research and testing*



GRObund – Field Day – Birkelse 13th June 2022



GRObund: 3 fantastic test areas and hosts

Halgaard, Holstebro

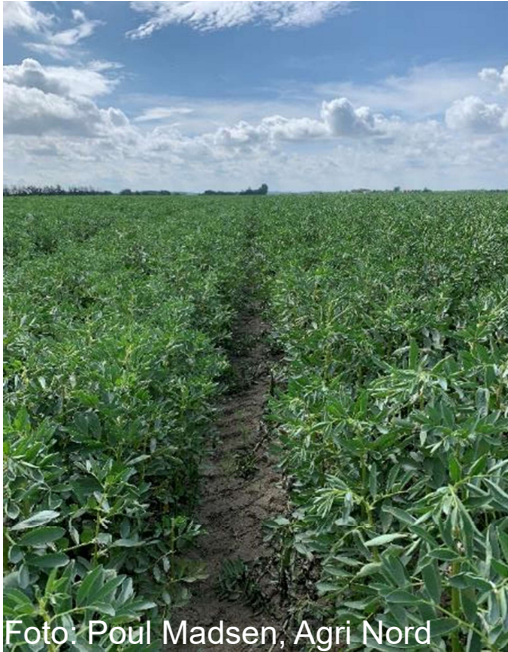


Foto: Poul Madsen, Agri Nord



Niels-Erik Halgård
Landmand og indehaver, Nørre Halgård

Foto: Syngenta



Foto: Annette

JSJ Agro, Birkelse



Foto: Syngenta



Foto: Annette

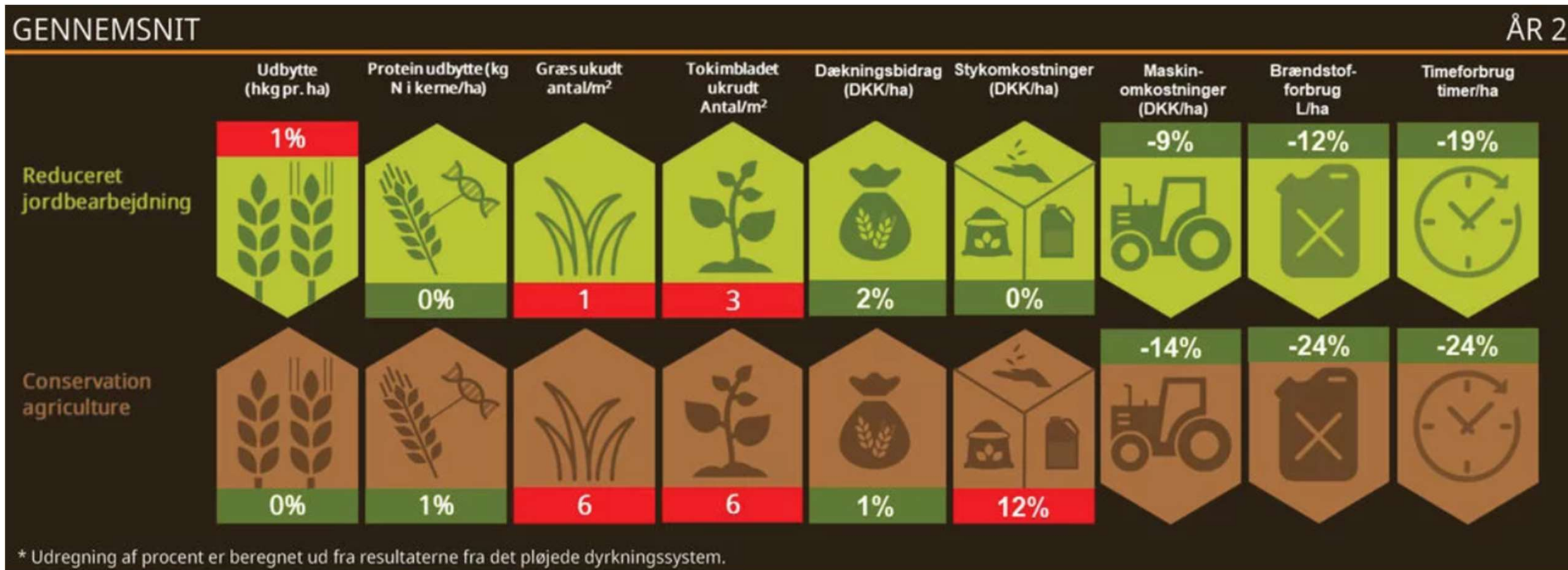
Simon Christensen Rødkildegaarden, Slagelse



Foto: Syngenta

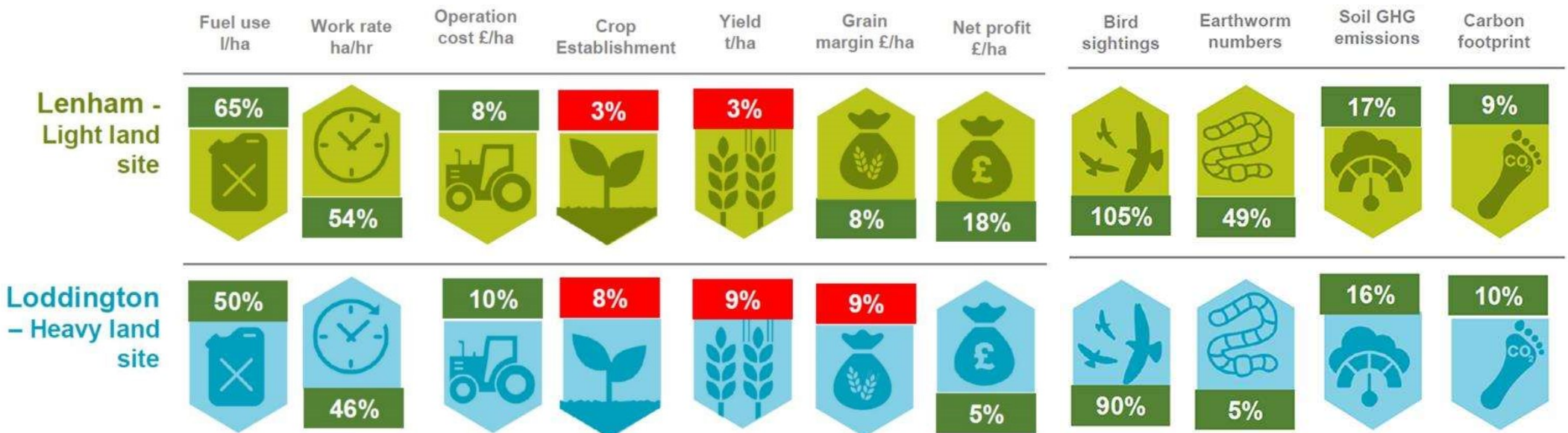
SEGES
INNOVATION

Syngenta key figures for 2022 in DK – winter wheat



Syngenta and CA – International results

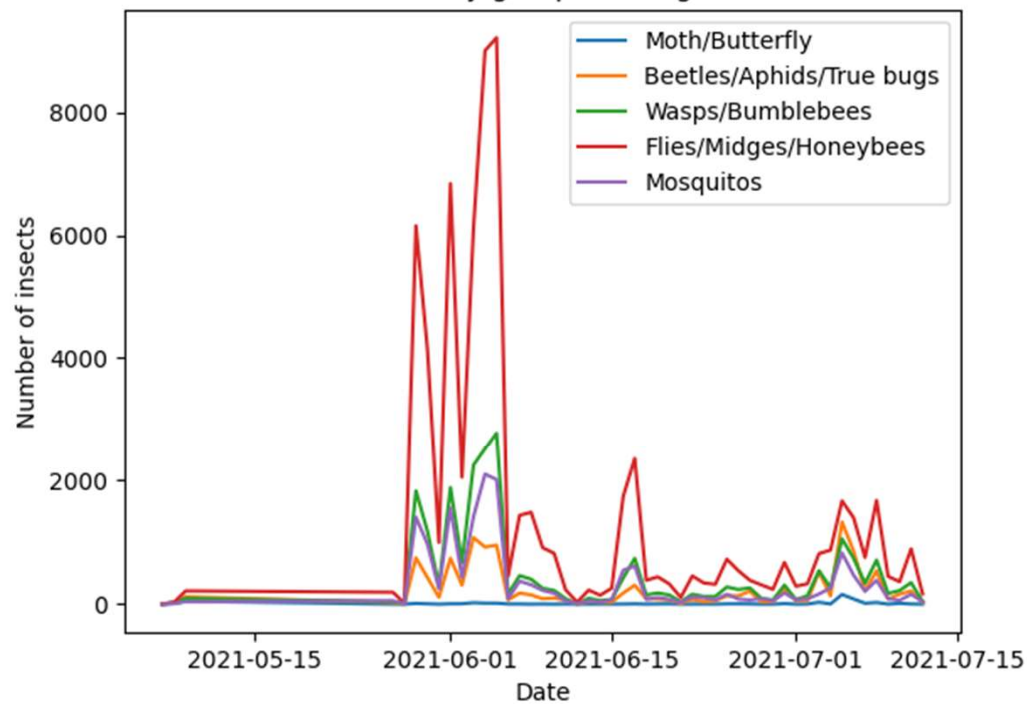
Syngenta Sustainable Farming Initiative (2020 data)



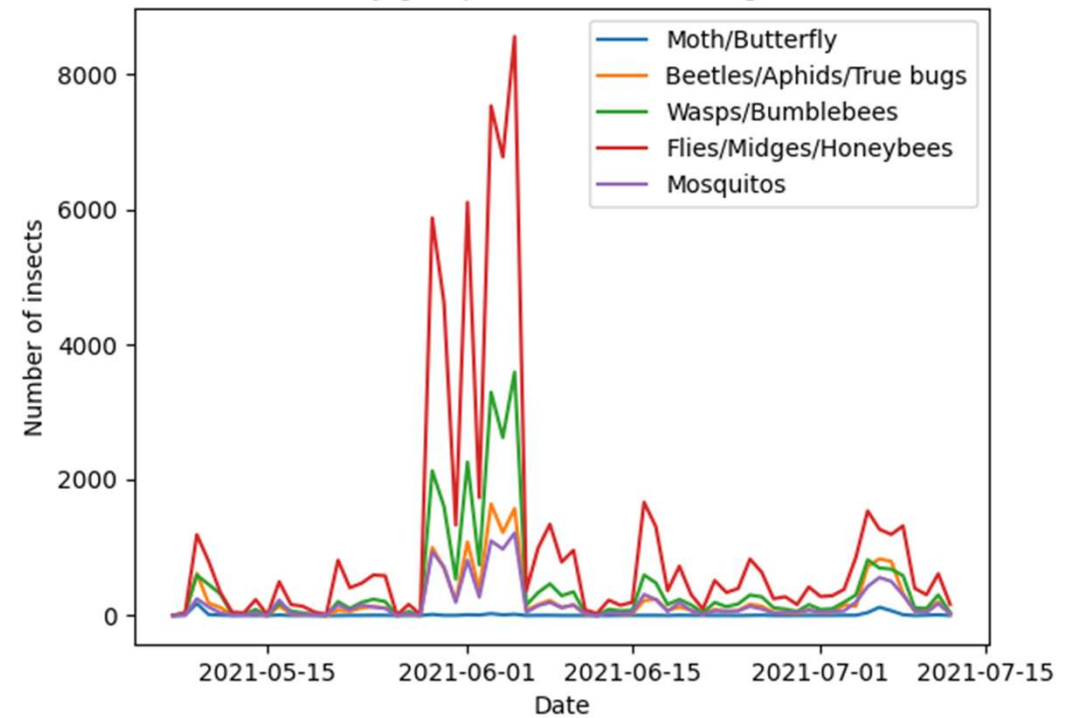
Insects by groups



Insects by group in Ploughed



Insects by group in Conservation Agriculture



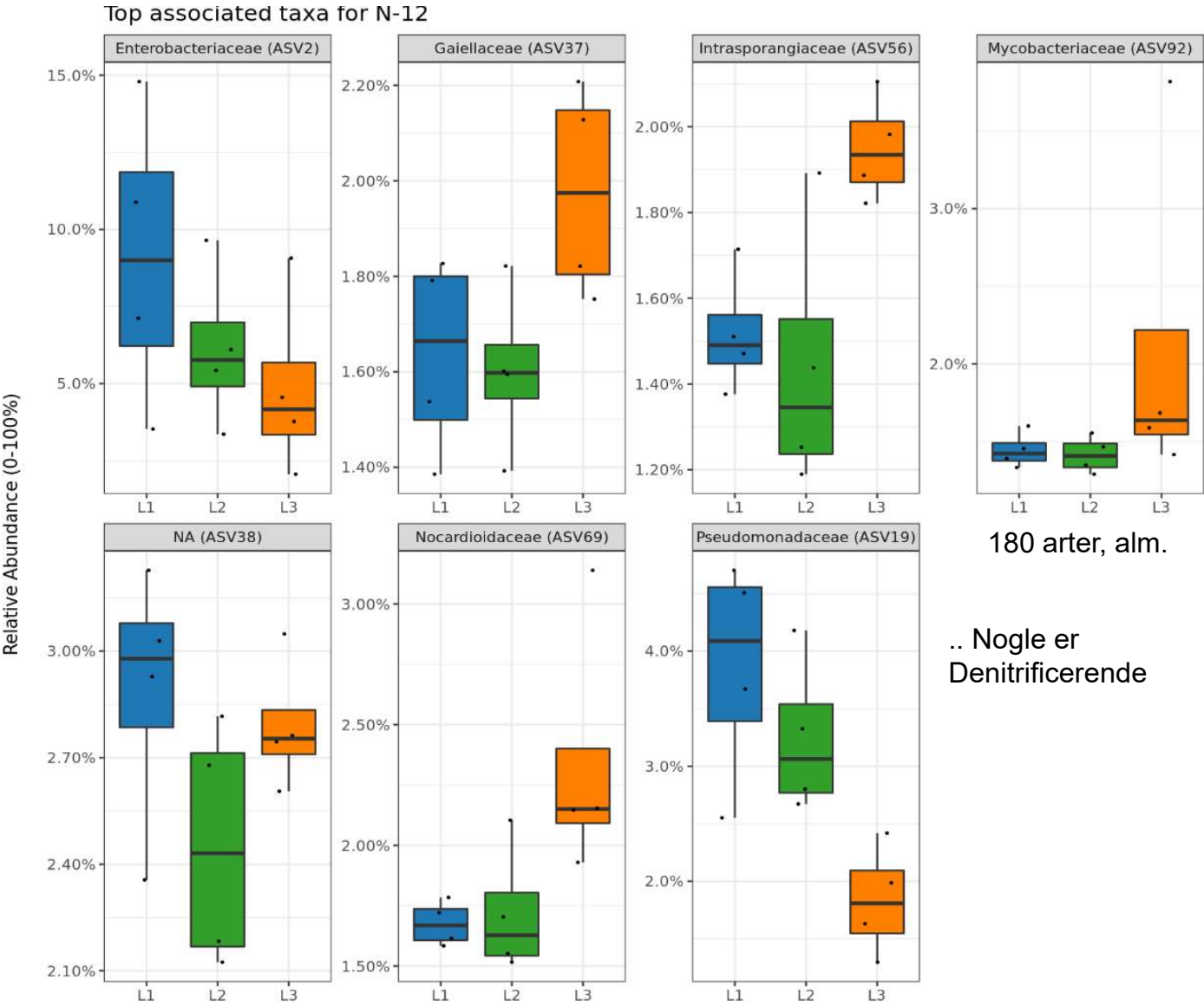
Microbiology

Ploughed

Reduced tillage

CA

Field N-12
P-value < 0.2 selected for
illustration.



Measurement of soil compaction

