

## **Innovation Hub Factsheets 2024**

## **Conservation Agriculture, Denmark**

In a collaboration with Roskilde University in Denmark, this innovation hub explores how low-till systems, permanent soil cover and reduced fallow periods can reduce nitrous oxide (N2O) emissions. The team at <u>Agrovi</u> work primarily with farmers through Conservation Agriculture (CA) knowledge exchange groups.



Conservation Agriculture field trial - tillage

Agrovi CEO Niels Peter Ravnsborg

## Notable successes and challenges 2023–2024

In October 2023, Conservation Agriculture held a Healthy Soil Conference masterclass with presentations, field walks and inspection of low-till machinery. Topics covered an introduction to Agroecology-TRANSECT, soil health and climate change, economics of arable farming – a comparison of CA and conventional arable farming.

In February 2024 Agrovi led a research workshop at Roskilde University, Danish Agriculture in Transition, for invited experts, with a theme: 'How do we work together to create better conditions for new agricultural practices in a locked-in regime?'.

## Summary

Four field trials are in hand: two with different levels of tillage prior to spring barley and two with different levels of nitrogen application in spring barley after a nitrogen-fixing cover crop.

The team continues with policy work. Agrovi CEO Niels Peter Ravnsborg met with representatives from Danish Parliament to increase their knowledge of the opportunities for CA and regenerative agriculture. He also met with major Danish food producers to secure higher prices for regenerative crops, with some success (malting barley).