

Innovationscenter
for Økologisk Landbrug

POATential kick-off meeting, WP1

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FONDEN FOR
PLANTEBASEREDE
FØDEVARER

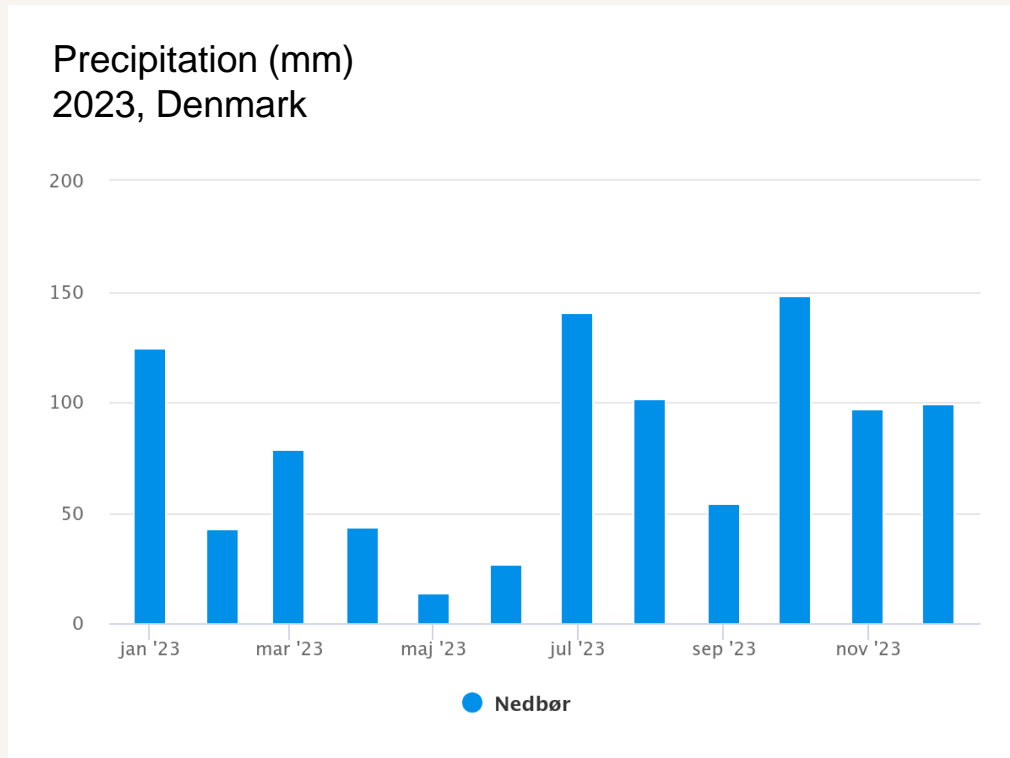
WP 1: Selection of varieties and cultivation

Main activities:

- Selection of 12-20 varieties for analysis in WP3
- Selection of 6-10 varieties based on analyses in WP3
- Cultivation of 100 kg per variety at the same location
- Organic + conventional sites
- Cultivation plans, incl. harvesting and drying procedure
- Cleaning, dehulling, heat treatment (Valsemøllen)

Variety choice

2023 was an extraordinary growing season!!



➤ Wet early spring, drought in May, June - resulting in low yields

-> less seed for 2024 season

➤ Wet autumn - resulting in winter seed not sown as planned, fields to be resown due to flooding

-> Extra demand for spring seed 2024

Challenge:

➤ **Oat seed sold out in December, no time to wait for analyses!!**

➤ Therefore -> seed has already been ordered in early January

Variety choice and status of orders

60 kg for cultivation + analyses

Variety	Breeder	Status
NOS 81920-15	Nordic Seed	OK
Scotty	Nordsaat	OK
Nemesis	Svalöv/Lantmännen	OK
Oliehavre	Landsorten	OK
Talkunar	Darzau	Only 1 kg
Elison	Edelhof	OK
Merlin	Selgen	OK
WBP Oscar	Wiersum	Only 1 kg?
RGT Skara	RGT	Only 1 kg
Fatima	Svalöv/Lantmännen	OK
Active	Svalöv/Lantmännen	OK

1 kg for analyses only

Variety	Breeder	Status
Dominik	Saatzucht B. Bauer	OK
Østr. bitterhavre	Landsorten	?
Symphony	Nordsaat	OK
Caddy	Nordsaat	OK
Lion	Nordsaat	OK
Canyon	Nordsaat	Omitted
NOS 81962-12	Nordic Seed	OK
Delfin	Nordsaat	Omitted
Dådyrhavre	Landrace?	OK
WPB Isabel	Wiersum	?
Kaspero	Dottenfelderhof	?

Analyses and cultivation

Analyses:

- Shipment of 1 kg before sowing (all varieties) and after harvest for functional test (protein, fat)
- Shipment of x g before sowing (all varieties) and after harvest for sensory test

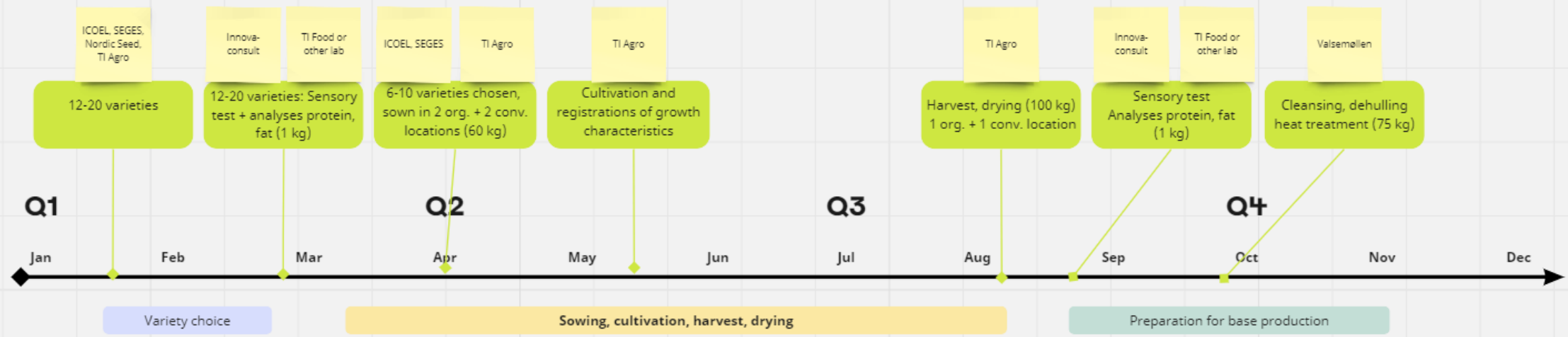
Cultivation plan:

- Sowing in 2 organic + 2 conventional locations (in case one location fails) → harvest in 1+1 locations
- Large size plots (250 m²) for harvest of 100 kg kernels
- Registrations during growing season – upload to Nordic Field Trial System (diseases, weeds, height etc.)
- Harvest with specialized equipment
- Drying in bigbags with aeration through tubes
- Shipment of 100 kg of each variety to Valsemøllen for cleaning, dehulling and heat treatment

[POATential, Visual Workspace for Innovation \(miro.com\)](#)



2024



2025

