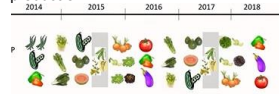


Corrections to the video

“Crop Rotation and Biodiversity in Organic Greenhouses – Experiences from Norway”

Polyculture.
Designed for French greenhouse
production.



5 year crop rotation with 3 species in companion planting. Designed for direct sale. Lajou & Navesette, 2022



5 year crop rotation designed for wholesale. Lajou & Navesette, 2021

Conclusions from the French project:

- Lesser pressure from pests and diseases
- Need for marketing of new products
- Need for sale channels for riches

I said “tomato” I meant “potato”.

Grønhaug Gartneri
Part of DK plant
(Danish experience)



Martin Petersen: It is important with a diversity of fungi and bacteria – nothing to be afraid of.
Organic cultivation implies the opposite of sterility.

The string that supports the tomato plant is made of “sugar beet fibre” not “sugar fibre”.

Soil health e.g. measured by quality criterias

Physical	Chemical	Biological
Components in our experiment:		
Dry matter analysis	From Spurway analysis:	Microbial biomass activity and groups of organisms
Porosity	pH	Weed seeds
Density	Electrical conductivity	Turn-over and C:N
Hanley index:		
		Respiration, plant available N, transformed C, concentration of C
Comprehensive Assessment of Soil Health (CASH):		
Porosity, density, aggregate size, crust and infiltration a.o.	pH, P, K, micronutrients, heavy metals a.o.	Nematode population, weed, active carbon, SOM, transformed cellulose, potential for N uptake a.o.
«License to soil» 10 indicators for field use		



“Soil health” not “plant health”.

Experimental work so far...

- Background
- Trial lay out
- Trial results so far
 - cucumber in 2022
 - tomato in 2023

Cucumber varieties: Bonbon + Rapunzel
2.5 plants per m²
Bed & S: 5.0 m²
Fertilisation: OFF P-2.0
Biological control: Saprolite a.o. if necessary



1. Control	2. Bonbon	3. Rapunzel
27% compost, 65% soil, 10% charcoal	27% compost, 65% soil, 10% charcoal	27% compost, 65% soil, 10% charcoal
With cover	With cover	With cover
Without cover	Without cover	Without cover

Second trial
Covered plants
Uncovered plants

“Cover” not “caver”.