

Demonstration of carrot varieties based on organic seeds

Location: Arnakke Grøntsager A/S, Strandlystvej 1, 4534 Hørve

Organic field with ridge cultivation

GPS: 55.743089, 11.477204 (Nearby address: Kanalvej 4, 4520 Svinninge)

Seeding day: 02.06.2023

For each bed there is 5 ridges.

The 14 varieties placed in the northwestern corner of the field in bed 16, 17 and 18.

One row/ridge of each variety, 40 m long. All with organic seed.

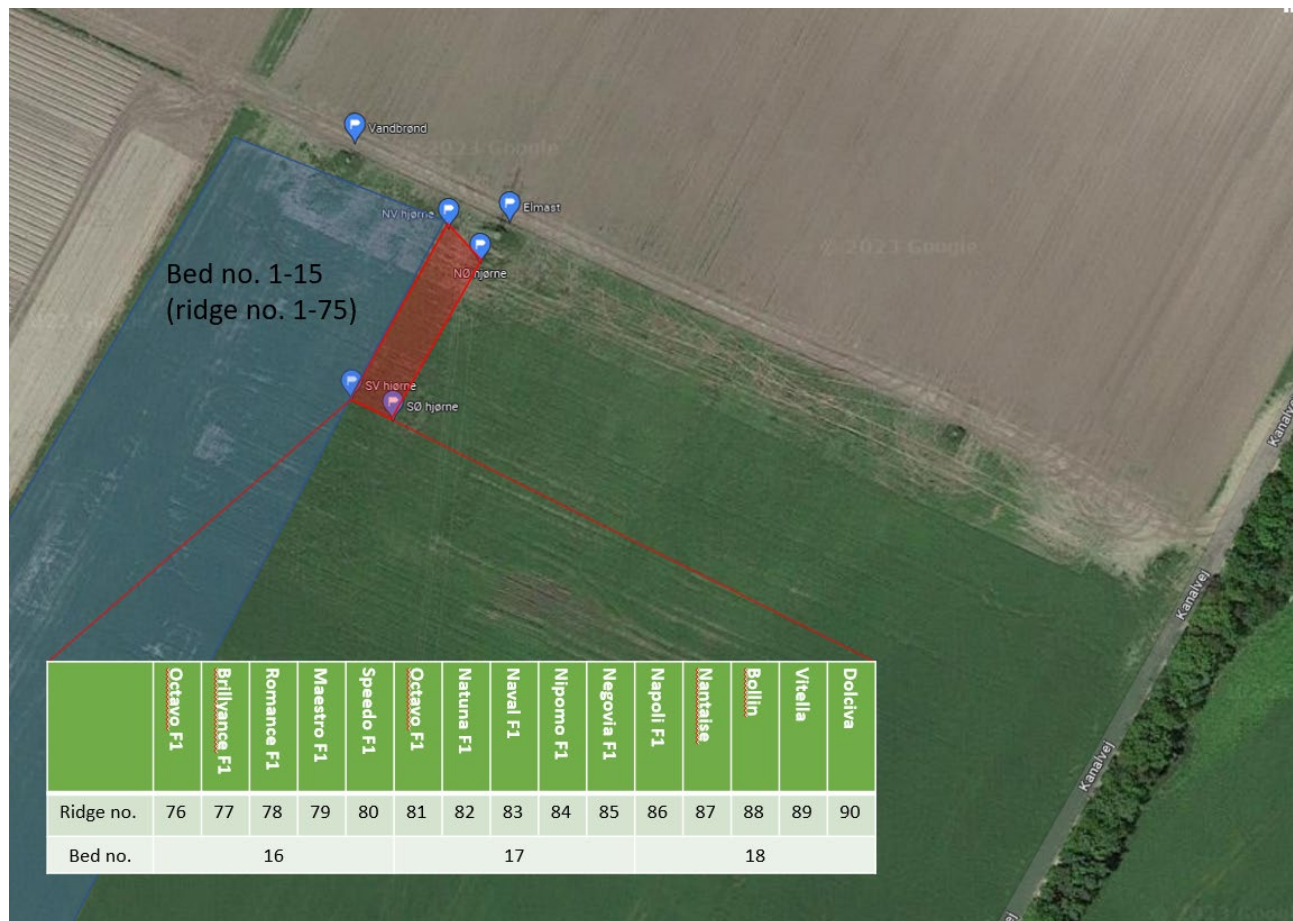
The rest of the field were sown on the 31st of May and 1st of June.

The whole field was irrigated after sowing.

Octavo was sown twice in ridge 10 and 15 in the trial plot.

There is 65 cm between each ridge.

The field consists of a humus-rich soil on land reclaimed (JB 11).





Brilliance F1



Romance F1



Maestro F1



Speedo F1



Germination test by HortiAdvice, March 2023

Variety	Lot no.	Germination energy	Germination		Remarks
		7 days	14 days	21	
Bollin	19729 L	65	75	79	
Brilliance		55	70	85	Alternaria
Dolciva	20237M	75	75	78	
Maistro		55	70	70	Alternaria

Napoli	1653933	55	75	75	Alternaria
Natuna		55	70	75	
Naval	1710301	50	65	75	
Negovia	1743530	65	75	80	Alternaria
Milan	19516 L	70	70	75	
Nipomo	1744059	65	75	75	
Octavo		45	65	70	Even more Alternaria
Romance		30	60	75	
Speedo		25	50	60	Alternaria
Vitella	17384 S	50	75	75	

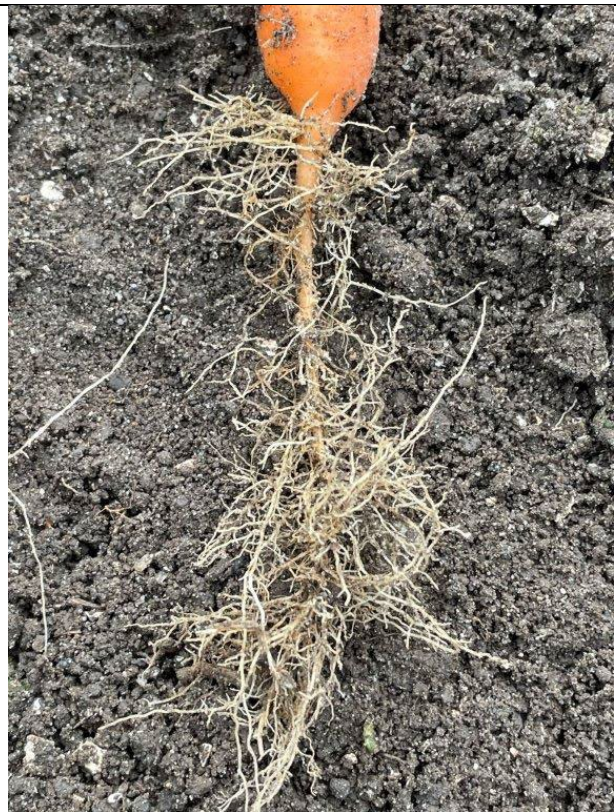
Field was handweeded around 1st of July.



1st of July



10th of October



In July the field was hit by heavy rain.

The low part of the field was at the same time also heavily attacked by Carrot cyst nematodes (*Heterodera carotae*). Stunted roots and growth and hairy roots. All carrots in the demonstration was affected by the cyst nematodes. Soil samples were send to laboratoriy and confirmed infested with *H. carotae*.



Octavo



Brillyance



Romance



Maestro



Speedo



Natuna



Naval



Nipomo



Negovia



Napoli



Milan



Bollin



Vitalla



Dolciva



Demonstration and sampling day 10th of October

Irm, 19.10.2023

Demo i gulerødder

HortiAdvice gennemføre i 2023 på en række gartnerier med produktion af økologiske gulerødder en demonstration af økologiske frø af gulerodssorter fra OXS.

Promilleafgiftsfonden
for frugtavl og gartneribruget