

BKC NematodeCheck AaltjesCheck

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Eurofins Agro
Example
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The Netherlands

Analysis Test-/order reference: 728123/003709630 Date sampling: 15-08-2023 Date report: 18-08-2023

Results	Nematodes	Number/ 100 ml	not detec.	lightly infest.	moder. infest.	heavi. infest.
	Aphelenchoïdes					
	Aphelenchoides spp.	0				
	Destructor nematodes					
	Ditylenchus destructor	0				
	Cyst nematodes					
	Heteroderidae	0				
	Stem nematodes					
	Ditylenchus dipsaci	0				
	Virus transferring root nematodes					
	Longidorus spp.	0				
	Trichodoridae	0				
	Xiphinema spp.	0				
	Free-living root nematodes					
	Cricomatidae	0				
	Helicotylenchus spp.	0				
	Hemicycliophora spp.	0				
	Paratylenchus spp.	10				
	Rotylenchus spp.	0				
	Tylenchorhynchus spp.	5				
	Root-knot nematodes					
	Meloidogyne spp.	5				
	Root-lesion nematodes					
	Pratylenchus spp.	5				
	Burrowing nematodes					
	Radopholus spp.	0				
	Saprophagous nematodes					
	Other nematodes	30				

AaltjesCheck

Recommendat.

Tailored advice

Do you want tailor-made advice and guidance to control nematode problems? A nematode specialist can provide insight into what is the best strategy for your situation and can guide you through the implementation of a management plan.

Go to <https://www.eurofins-agro.com/nl-nl/advies-op-maat-bij-aaltjesproblemen> for more information.

Explanation

Legend risk potential damage

	Infestation not detected
	Lightly infested
	Moderately infested
	Heavily infested

NematodeCheck is a microscopic analysis of the main groups of nematodes and limited to identification at family and genus level. The rating is general and not specific to a particular nematode-crop combination. For specific advice, it is necessary to identify the nematodes at species level. Eurofins Agro offers different packages with the identification of nematodes at species level using DNA and microscopy.

Free-living root nematodes

Free-living root nematodes penetrate the roots from the outside. Certain types of Paratylenchus and Rotylenchus causes branching of the root system and deformity of taproots. The other free-living nematodes are only harmful in large numbers for weakened crops.

Root-knot nematodes

Meloidogyne penetrates the roots and causes bulges and thickenings of the root system. Certain species can cause damage due to reduced quality and yield.

Root-lesion nematodes

Pratylenchus penetrates the roots and causes lesions in the young roots. Plant pathogenic fungi and bacteria can easily infect the roots through these wounds and cause root rot.

Saprophagous nematodes

The saprophagous nematodes are not harmful to plants. These nematodes feed, among other things, on dead organic matter, fungi and bacteria and contribute to the soil health.

Contact & info

Contact & info

Sample reference:	1
Area (hectare):	
Soil type:	Alluvial clay
Sample taken by:	Others
Contact person sampling:	Klantenservice Agro: 0888761010
Sampling method:	MIN 1200
Receipt date:	15-08-2023

If the following information is shown in the reports, this information may have been provided by the client and may affect the valuation, advice and/or analysis result:
sampling time, soil type, crop.

Contact & info

The analyses were conducted at the laboratory of Eurofins Agro in Wageningen (NL).

All procedures have been completed within the maximum shelf life between sampling and analysis.

The results relate exclusively to the sample taken and received by Eurofins Agro, and to the material processed on 15-08-2023 and therefore to the sample analysed.

For a detailed description of the sampling and analysis methods used, visit www.eurofins-agro.com

Method

Methods

Module:	Method:
Root nematodes	Em:VL Oostenbrink + microscopy
Longidoridae	Em:VL Oostenbrink + microscopy
Stem nematodes	Em:VL Oostenbrink + microscopy
Other nematodes	Em:VL Oostenbrink + microscopy
Em	House method