

Order form Nematode analysis

Client information (*required fields)		Send copy report to:	
Client number*	:	Client number	:
Name*	:	Name	:
Street*	:	Street	:
Postal Code + city*	:	Postal Code + city	:
Country*	:	Country	:
Email	:	Email	:

Sample information			
Client reference	:	max 25	Number of samples*
Date of sampling*	:	:d-m-yr	Soil type code*
Sampling depth*	:	cm	Current crop
Surface area	:	ha	Previous crop

Analysis (mark 1 package per order form – multiple additional analyses are possible)

Free-living nematodes	Quantity needed	Additional analysis	Possible with
☐ BKA Free-living nematodes	1 L soil	☐ INC Incubation	BKA,1,2,3,M,P
☐ BK1 Free-living nematodes + LX	1,5 L soil	☐ WRT Root material	BKA,1,2,3
☐ BK2 Free-living nematodes + cysts	1,5 L soil	☐ SRT Species determination Globodera spp.	314
☐ BK3 Free-living nematodes + LX + cysts	1,5 L soil	Rush TAT	
☐ BKC NematodeCheck (genus level)	1 L soil	☐ 1WK Rush TAT 1 week	
☐ BKM Meloidogyne (root-knot nematodes)	1 L soil	☐ 2WK Rush TAT 2 weeks	
☐ BKP Pratylenchus (root-lesion nematodes)	1 L soil	Cyst nematodes	Quantity needed
☐ 702 Nematodes in plant material	100 g	☐ 314 Potato Cyst Nematodes (PCN)	600 ml soil
Stem nematodes and white rot		☐ 201 Beet cysts	1 L soil
☐ 011 White rot (S. cepivorum)	1 L soil	☐ 200 All cyst nematodes	1 L soil
☐ 510 Stem nematode (D. dipsaci)	1 L soil	☐ Other code	
☐ 512 Stem nematode and white rot	1 L soil		
☐ 702 Nematodes in plant material (>25 g)	1L soil		

Sample description* (max 25 characters)	Sample description (max 25 characters)
1. _____	6. _____
2. _____	7. _____
3. _____	8. _____
4. _____	9. _____
5. _____	10. _____

Crop Code*	Crops for advice; max 5 crops (not possible for 314 and 702)	Sample numbers – fill in by Eurofins Agro
1. _____		
2. _____		
3. _____		
4. _____		
5. _____		

Code RM: H508

Service code: 40

Remarks:

Attention: Please check if there are no large objects (stones and/or other objects) in the soil sample. This is very important for the safety of our employees.

Soil type code

Fill in the code of the soil type at the front page of this order form (required).

- 0 Calcareous sand
- 10 Sandy soil
- 20 Loam
- 30 Marine clay
- 62 Peat

Common crop codes for advice

Advice includes estimated risk of damage and host plant status for different crops (when available).

SMS	Maize	CSA	Ware potatoes
HVR	Oats	FBA	Strarch potatoes
WTR	Rye	PAA	Seed potatoes
ZMG	Spring barley	VDB	Fodder beet
WTG	Winter barley	SKB	Sugar beet
ZMT	Spring wheat	KZD	Rapeseed
WTT	Winter wheat	LZN	Lucerne
KVR	Clover	WPN	Carrot
GLD	Grass	PRI	Leek
APL	Apple	ZUE	Onion
BKG	Pine tree	ABE	Strawberry

Explanation additional analyses

- **Incubation**
Analysis of the organic material present in the soil. Nematodes are being extracted from this organic material over a duration of two weeks. Endoparasitic nematodes (mainly Pratylenchus and Meloidogyne) that live in the roots and eggs will be included giving a more accurate number of the present nematodes.
- **Root material**
When a sample is taken during growth season, send in additional root material from the current crop. Endoparasitic nematodes may be present in the living roots in large numbers.

Soil sampling instructions

- Divide the field and place marks
- Take 1-3 samples per hectare
 - o 1 per ha for arable crops
 - o 3 per ha for horticultural and high-value crops
- Walk in straight lines in the cultivation direction
- Take 60-70 probes per sample of 0-25 cm deep
- Fill the bag with 1-1,5 L of soil

Note

- Never sample in very dry conditions
- Best sampling time is after harvest of host plant on fallow land
- When taking a sample during growing season, incubation and additional root material is required
- Do not compromise on the sampling intensity. It is better to sample a limited section of the field with the correct sampling intensity than taking a sample over a larger area

PCN (314): take 30 probes until 5-10 cm depth and collect 600 ml of soil per sample.

Storage and transport

- Collect the sample in plastic or plasticized bags
- Write down the sample number and/or description clearly on the bag, according to this order form
- Close the sample bag tightly and prevent the sample from drying-out
- Keep the sample cool and dark until it is ready to be sent
- Handle the sample with care
- Send the sample to the lab as soon as possible

Send samples to:

Eurofins Agro
Binnenhaven 5
6709 PD Wageningen
The Netherlands

Tlf: +31 88 876 1010
E-mail: agro@ftbnl.eurofins.com
Internet: www.eurofins-agro.com

Fill in this order form as completely as possible.

For more information on the analyses, sampling instructions etc. please contact your Eurofins Agro laboratory or dealer.