eurofins | Agro

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**
☐ **BKA** Free-living nematodes	1 L soil
☐ **BK1** Free-living nematodes + LX	1,5 L soil
☐ **BK2** Free-living nematodes + cysts	1,5 L soil
☐ **BK3** Free-living nematodes + LX + cysts	1,5 L soil
☐ **BKC** NematodeCheck (genus level)	1 L soil
☐ **BKM** Meloidogyne (root-knot nematodes)	1 L soil
☐ **BKP** Pratylenchus (root-lesion nematodes)	1 L soil
☐ **702 N**ematodes in plant material	100 g
Stem nematodes and white rot	
☐ **011** White rot (S. cepivorum)	1 L soil
☐ **510** Stem nematode (D. dipsaci)	1 L soil
☐ **512** Stem nematode and white rot	1 L soil
☐ **702** Nematodes in plant material (>25 g)	1L soil

Additional analysis	**Possible with**
☐ **INC** Incubation	BKA,1,2,3,M,P
☐ **WRT** Root material	BKA,1,2,3
☐ **SRT** Species determination Globodera spp.	314
Rush TAT	
☐ **1WK** Rush TAT 1 week	
☐ **2WK** Rush TAT 2 weeks	
Cyst nematodes	**Quantity needed**
☐ **314** Potato Cyst Nematodes (PCN)	600 ml soil
☐ **201** Beet cysts	1 L soil
☐ **200** All cyst nematodes	1 L soil
☐ Other code	

	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)*
1.		
2.		
3.		
4.		
5.		

Sample numbers – fill in by Eurofins Agro

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
  - 1 per ha for arable crops
  - 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

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

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

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.com/en-nl/agro-testing/

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.