

Soil analysis Specialties

Date Sample-taking		Customer number
	H508 Dienstverl. RM 40	Name Street/ Housenumber Postal code/ Town Country
Number oif samples		
Number offer		Projectcode
Text on invoice and report (max. 25 pos.)		

Soil type	☐ Calcareous sand(00) ☐ Clay Peat (60) ☐ Sand (10) ☐ Peat (62) ☐ Clay (20) ☐ Loam (71)	Customer number ☐ Copy of report to
Sample depth	to cm	Name Street/ House number Postal code/ Town Country

Sample number	Sample description	Sample number	Sample description
1		21	
2		22	
3		23	
4		24	
5		25	
6		26	
7		27	
8		28	
9		29	
10		30	
11		31	
12		32	
13		33	
14		34	
15		35	
16		36	
17		37	
18		38	
19		39	
20		40	

Pretreatment
Pretreatment: drying and millinh
Moisture (always, with exception of pH, EC, Pw)

- * For deviating materials the prices can be different
 - * For determinations in field-moist soil (1:2 CaCl2) like Nmin, Smin, B- please contact Customer service
- This orderform is for specialty soil analysis. Use other forms for:
- * Regular soil analysis packages
 - * In-season analysis

Physical analysis

Singular analysis
Organic matter (loss on ignition) + moisture
Organic matter (elementary)
Clay
Carbonate lime
pH-CaCl2
pH-KCl
pH-water
Hot Water Carbon

Chemical: availability

Package availability determination
P, K, Ca, Mg, Na, Mn, Cu, Co, B, Zn, Se, S, Si, Mo, Fe, Ni
N-mineral dry soil
Pw
Available heavy metals (Al, As, Cd, Cr, Pb, Sn, Ti, V)

Analysis in duplicate
Organic matter (loss on ignition) + moisture
Organic matter (elementary)
Clay
Carbonate lime
pH-CaCl2
pH-KCl
Conductivity (EC) only available for sample from within EU
Chloride only available for sample from within EU

Availability determination
Ca (no extract preparation needed)
Extract preparation
B
Co
Cu
Fe
K
Mg
Mn
Mo
Na
P
S
Se
Si
Zn
Ni

Chemical: stock analysis

Singular analysis
N-total soil stock
S-total soil stock
C-total soil stock
P-Al (soil stock)
P-Olsen

Analysis in duplicate
N-total soil stock
S-total soil stock
C-total soil stock
P-total soil stock
P-Al (soil stock)
P-Olsen

Package heavy metals
Cd, Cr, Cu, Ni, Pb, Zn, As and Hg

Heavy metals
Extract preparation (always)
As
Ca
Cr
Co
Hg
Ni
Pb
Zn

CEC
CEC + occupation (Ca, Mg, K, Na)

Analysis packages (only cultivated land)
Base NIR (pH, OM , N-tot, S-tot, P-Al, P, K, Mg, Na, S, clay, carbonate lime, silt, sand))
Base chemistry (pH, OM , N-tot, S-tot, P-Al, P, K, Mg, Na, S, clay, carbonate lime, silt, sand)

Package P-saturation (oxalate extraction)
Fe, Al and P

Advice
K-number (grassland; K-PAE, organic matter)
K-Number (agricultural sand; K-PAE, organic matter)
K-Number (agric. Clay, K-PAE, organic matter, lutum, pH)
C/N-ratio (C-total, N-total)
P-saturation degree

P-saturation (oxelate extraction)
Extract preperation (always)
Fe
Al
P

Biological analysis

Soil life (via NIR)

Registration
Sample registration (always)