SoilCheck

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Example report
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Analysis	Investigation/ordernr:	Date sampling:	Date report:
	110692/003707105	16-04-2024	17-04-2024

What is in your soil

Results	Result	Unit	Target value	low	rath.low	good	rath.high	high
Nitrate-N	73	kg NO_3-N/ha						
Ammonium-N	5	kg NH_4-N/ha						
Nitrogen	78	kg N/ha	60 - 100					
Sulphur	17	kg/ha	60 - 100					
Phosphorus	7,2	kg/ha	2,0 - 5,0					
Potassium	128	kg/ha	137 - 220					
Calcium	23	kg/ha	278 - 649					
Magnesium	186	kg/ha	150 - 240					
Sodium	126	kg/ha	48 - 126					
Silicium	6,0	kg/ha	7,5 - 10					
Iron	162	g/ha	250 - 500					
Zinc	156	g/ha	250 - 1000					
Manganese	528	g/ha	500 - 750					
Copper	30	g/ha	35 - 55					
Cobalt	2	g/ha	3 - 6					
Boron	258	g/ha	175 - 250					
Molybdenum	5	g/ha	2 - 4					
Selenium	2	g/ha	2 - 4					
Acidity (pH)	6,8		5,0 - 6,5					
Electric Conductivity	0,21	mS/cm 25°C						

All the above results are shown in element form (N, P, K, etc.).

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Recommend.

Crop:	Culture:	Expected yield:	Sprouting date:
Ware potatoes	Fontane	50,0 ton	10-04

Our advice till the end of the cultivation

Nitrogen (N)	167	kg/ha	Zinc (Zn)	0	kg/ha
Sulphate (SO_3)	23	kg/ha	Boron (B)	0	kg/ha
Phosphate (P_2O_5)	25	kg/ha			
Potassium (K_2O)	155	kg/ha			
Calcium (CaO)	65	kg/ha			
Magnesium (MgO)	30	kg/ha			

A deficiency in calcium can be adjusted with a soil based application before the growing season. However, also during the growing season a calcium fertilization can be applied (crop based fertilization) with for example a $CaNO_3$ application.
Discuss the low stock levels of iron and/or manganese with your consultant.

The above advice is until harvest. The advice below is valid for the upcoming 4 weeks.
Never add both advices together!

Our advice for the coming four weeks

Nitrogen (N)	28	kg/ha
Sulphate (SO_3)	4	kg/ha
Phosphate (P_2O_5)	4	kg/ha
Potassium (K_2O)	26	kg/ha
Calcium (CaO)	10	kg/ha
Magnesium (MgO)	5	kg/ha

The given fertilisation recommendation is also based on the soil supplying capacity.

Practical information

Contact & info

Soil layer:	0 - 30 cm
Calculated bulk density:	1286 kg/m^3
Sample was taken by:	Eurofins Agro, Monsternemer
Contact sample taking:	Klantenservice Agro: 0888761010
Sampling method:	under Eurofins Agro standard MIN 1020 Q

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 depth, soil type, crop, culture, sprouting date, expected yield.

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Method		Result	Unit	Method	RvA
Results analyses	Nitrogen-nitrate	12,1	mg NO_3-N/l	Em: CCL4	Q
	Ammonium-N	0,9	mg NH_4-N/l	Em: CCL4	Q
	Sulpher	2,8	mg S/l	Em: CCL4	
	Phosphorus	1,2	mg P/l	Em: CCL4	
	Potassium	21,4	mg K/l	Em: CCL4	
	Magnesium	31,0	mg Mg/l	Em: CCL4	
	Sodium	21,0	mg Na/l	Em: CCL4	
	Silicon	1,0	mg Si/l	Em: CCL4	
	Iron	27	µg Fe/l	Em: CCL4	
	Zinc	26	µg Zn/l	Em: CCL4	
	Manganese	88	µg Mn/l	Em: CCL4	
	Copper	5	µg Cu/l	Em: CCL4	
	Cobalt	0,4	µg Co/l	Em: CCL4	
	Boron	43	µg B/l	Em: CCL4	
	Molybdenum	0,9	µg Mo/l	Em: CCL4	
	Selenium	0,3	µg Se/l	Em: CCL4	
	Acidity (pH)	6,8		Em: PHC2	

The values stated on page 1 and 2 under 'Results' are calculated from the above mentioned analysis results.

The results are determined in a 1:2 (v/v) extract in field moist soil.

Q Method accredited by RvA
Em: Method Eurofins Agro, Gw: Equivalent of, Cf: In conformity with
The analyses were done at Eurofins Agro, Wageningen (NL).
The results relate exclusively to the sample taken and received by Eurofins Agro, and to the material processed on 17-04-2024, and therefore to the sample analysed. For a detailed description of the sampling and analysis methods used, visit www.eurofins-agro.com

MP Voogt