

Culture

field 6 culture

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Example report
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Analysis Investigation/ordernr: 700455/003709400 Date sampling: 06-02-2024 Date report: 16-02-2024

Results

	Stock	Target value	low	rath.low	good	rath.high	high	Recommend. gift
in kg/ha	NO ₃ -N	47	30 - 40					234
	NH ₄ -N	< 7	35 - 45					
	N-org	9	45 - 55					
	S	47	20 - 30					0
in g/ha	P	6,3	5,9 - 9,9					80
	K	250	230 - 365					275
	Ca	210	240 - 555					75
	Mg	235	230 - 365					0
	Na	63	49 - 99					
	Si	23410	19790 - 85740					
	Fe	< 6660	8240 - 14840					
	Zn	1290	1650 - 2470					0
	Mn	3400	19130 - 26380					See the explanation.
	Cu	105	130 - 215					0
	Co	< 10	15 - 25					
	B	500	530 - 725					0
	Mo	< 10	330 - 16490					
	Se	< 7,0	12 - 15					

Crop:
Ware potatoes

Culture:
Bintje

Expected yield:
50,0 ton

The recommendations are given in kilograms per hectare per year, expressed in conventional fertilization units; N, SO₃, P₂O₅, K₂O, CaO, MgO, Na₂O.

The last column crop based fertilization recommendations are given. This recommendation is based on the crop requirement and corrected for soil stock and soil supplying capacity.

Note:

This report presents the crop specific fertilization recommendations, not the soil based fertilization recommendations. Recommendations to maintain or improve soil fertility are found on the soil reports.

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Results**Fertilisation recommendations**

The result is compared with an agricultural target value and is categorized as low, rather low, good, rather high high. This is not an appreciation as meant in ISO 17025 (par. 7.8.6).

Legislation

The fertilisation recommendations aim to achieve an agronomical optimum yield and crop quality. The recommendations do not take any legal restrictions into consideration.

Explanation**Sulphur:**

Sulphur (S) is released by the degradation (mineralisation) of organic matter or manure. This mineralisation is performed by soil organisms. Soil organisms are not very active under colder conditions, which means not much S is released from the soil early in the spring. Therefore, it is sensible to fertilise with S for many early crops, even if the soil content is good or high.

Manganese:

Manganese deficiency is to be expected. During periods of rapid growth, please apply foliar fertilizers containing Manganese.

Contact & info

Soil layer: 0 - 25 cm
 Sample was taken by: Eurofins Agro, Monsternemer
 Contact sample taking: Klantenservice Agro: 0888761010
 Sampling method: W-pattern, at least 40 sub samples, according to Eurofins Agro standard MIN 1000

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.

Method

Results
 analyses

Method	Result	Unit	Method	RvA
Nitrate-N	14,3	mg NO ₃ -N/kg	Em: NCC3	
Ammonium-N	< 2,1	mg NH ₄ -N/kg	Em: NCC3	
N-organic dissolvable	2,7	mg N-org/kg	Em: NCC3	
S-plant available	14,3	mg S/kg	Em: CCL3 (Gw NEN 17294-2)	
P-plant available	1,9	mg P/kg	Em: CCL3 (Gw NEN 15923-1)	Q
K-plant available	76	mg K/kg	Em: CCL3 (Gw NEN 17294-2)	
Ca-plant available	0,8	mmol Ca/l	Em: NIRS	
Mg-plant available	71	mg Mg/kg	Em: CCL3 (Gw NEN 17294-2)	
Na-plant available	19	mg Na/kg	Em: CCL3 (Gw NEN 17294-2)	
Si-plant available	7100	µg Si/kg	Em: CCL3 (Gw NEN 17294-2)	
Fe-plant available	< 2020	µg Fe/kg	Em: CCL3 (Gw NEN 17294-2)	
Zn-plant available	390	µg Zn/kg	Em: CCL3 (Gw NEN 17294-2)	
Mn-plant available	1030	µg Mn/kg	Em: CCL3 (Gw NEN 17294-2)	
Cu-plant available	32	µg Cu/kg	Em: CCL3 (Gw NEN 17294-2)	Q
Co-plant available	< 2,6	µg Co/kg	Em: CCL3 (Gw NEN 17294-2)	Q
B-plant available	151	µg B/kg	Em: CCL3 (Gw NEN 17294-2)	
Mo-plant available	< 4	µg Mo/kg	Em: CCL3 (Gw NEN 17294-2)	
Se-plant available	< 2,1	µg Se/kg	Em: CCL3 (Gw NEN 17294-2)	
Bulk density	1319	kg/m ³	Em: NIRS	

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

Q Method accredited by RvA

Em: Method Eurofins Agro, Gw: Equivalent of, Cf: In conformity with

Results are reported in dry soil.

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 07-02-2024, and therefore to the sample analysed. For a detailed description of the sampling and analysis methods used, visit www.eurofins-agro.com