SoilCropMonitor

field 4

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Example report
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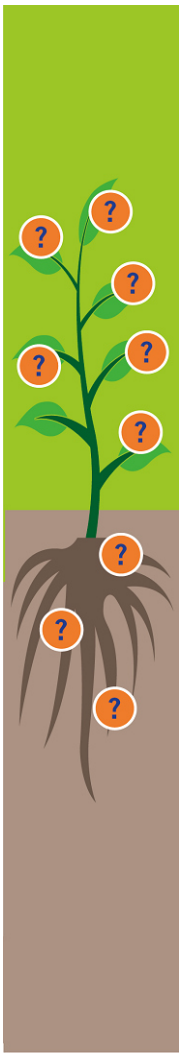
Analysis	Sample/ordernr:	Date sampling:	Date report:
	230215/003709837 570063/003709837	27-05-2025	30-05-2025



Results	Result	Unit	Target value	low	rath.low	good	rath.high	high
What is in your crop								
Dry matter	22,9	%						
Nitrogen	43,9	g/kg	50 - 75					
Nitrate	0,4	g/kg						
Sulphur	1,6	g/kg	1,5 - 4,5					
Phosphorus	2,3	g/kg	2,0 - 5,0					
Potassium	39,7	g/kg	60 - 90					
Calcium	1,9	g/kg	6,0 - 10,0					
Magnesium	1,9	g/kg	3,2 - 5,2					
Sodium	0,2	g/kg	0,2 - 0,3					
Chloride	3,4	g/kg	6,4 - 15,0					
Iron	130	mg/kg	150 - 490					
Zinc	40	mg/kg	25 - 150					
Manganese	18	mg/kg	42 - 195					
Copper	6,8	mg/kg	7,0 - 20,0					
Cobalt	110	µg/kg	70 - 210					
Boron	19,4	mg/kg	24,0 - 46,0					
Molybdenum	0,6	mg/kg	0,7 - 1,6					
Selenium	11	µg/kg	31 - 90					
What is in your soil								
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	6,0	kg/ha	2,0 - 5,0					
Potassium	128	kg/ha	112 - 195					
Calcium	9	kg/ha	246 - 574					
Magnesium	246	kg/ha	150 - 240					
Sodium	126	kg/ha	48 - 126					
Silicium	6,6	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							
Electric Conductivity	0,21	mS/cm 25°C						

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

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Recommend.

Crop:	Cultivation/variety:	Expected yield:	Sprouting date:
Ware potatoes	Fontane	50,0 ton	17-04

Our advice for the coming four weeks

Nitrogen (N)	29	kg/ha
Sulphate (SO_3)	0	kg/ha
Phosphate (P_2O_5)	0	kg/ha
Potassium (K_2O)	26	kg/ha
Calcium (CaO)	12	kg/ha
Magnesium (MgO)	2	kg/ha

The advice above is valid for the next 4 weeks.
The values below show the remaining crop requirement from the sampling date of this report until the end of the cultivation. Do not add both quantities together.

Remaining need untill the end of the cultivation

Nitrogen (N)	133	kg/ha	Zinc (Zn)	0	kg/ha
Sulphate (SO_3)	0	kg/ha	Boron (B)	0	kg/ha
Phosphate (P_2O_5)	0	kg/ha			
Potassium (K_2O)	120	kg/ha			
Calcium (CaO)	55	kg/ha			
Magnesium (MgO)	10	kg/ha			

In this study, the soil stocks of potassium, calcium and magnesium are not known and are therefore not included in the fertilization advice.
A deficiency in calcium can be adjusted with a soil based application before the growing season. However, calcium can also be applied during the growing season (crop based fertilization) for example with a $CaNO_3$ application.
Discuss the low stock levels of iron and/or manganese with your consultant.

Practical information

Contact & info

Sample was taken by:	Eurofins Agro, Monsternemer
0 - 30 cm	Sampling method under Eurofins Agro standard MIN 1020
Young leaf	Sampling method under Eurofins Agro standard PLA 3080

If the following information is shown in the reports, this information has been provided by the client and this may affect the valuation, advice and/or analysis result:
soil type, crop, culture, sprouting date, expected yield.
This also applies to the sampling depth when sampling is carried out by a third party.

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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	1,0	mg P/l	Em: CCL4	
	Potassium	21,4	mg K/l	Em: CCL4	
	Magnesium	41,0	mg Mg/l	Em: CCL4	
	Sodium	21,0	mg Na/l	Em: CCL4	
	Silicon	1,1	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.				
	Dry matter	Plant		Em: GEWAS.OVB	Q
	Nitrogen	Plant		Em: NIRS	
	Nitrate	Plant		Em: WTR1	
	Chloride	Plant		Em: WTR1	
	Cobalt	Plant		Em: SPZ2:(Cf NEN 17294-2)	Q
	Molybdenum	Plant		Em: SPZ2:(Cf NEN 17294-2)	Q
	Other	Plant		Em: SPZ2:(Cf NEN 17294-2)	

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 object sampled by Eurofins Agro and to the material processed at 28-05-2025 and thus to the analysed sample. For a detailed description of the sampling and analysis methods used, visit www.eurofins-agro.com The measurement uncertainty of a method can be requested from Eurofins Agro. The analysis date is not stated separately because it is the same to the receiving date.