

Test for fertilization
basic water
Becken

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Example

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Sample	Research-/ordernumber: 528423/006048507	Date sampling: 17-05-2023	Date report: 01-06-2023	Code of object: 28423
	Test code: 610	Receiving date: 19-05-2023	Sample was taken by: Third party	Contactperson sampling: Marcel van den Schoor: 0652002158

Results	analysis			guideline		converted results		analysis			guideline		Unit
mS/cm 25°C	pH	7,6		5,5-7,5				Total hardness	16,2				°D
	EC	0,6		<0,5				Temporary hardness	15,4				°D
Cations mmol/l	NH ₄	< 0,1		<0,3		< 1,9	ppm						
	K	< 0,1		<1,0		< 4,0	ppm						
	Na	0,5		<1,5		11	ppm						
	Ca	2,5		<1,0		100	ppm						
	Mg	0,4		<1,0		9,7	ppm						
Anions mmol/l	NO ₃	0,2		<2,0		12	ppm						
	Cl	0,6		<1,5		21	ppm						
	S	0,3		<1,0		9,6	ppm						
	HCO ₃	5,5		<3,0		336	ppm						
	P	< 0,04		<0,20		< 1,3	ppm						
Micro-nutrients µmol/l	Fe	< 0,2		<10		< 12	ppb						
	Mn	0,6		<3		33	ppb						
	Zn	0,1		<2		6,5	ppb						
	B	1,8		<10		19	ppb						
	Cu	< 0,1		<1,0		< 6,4	ppb						
	Mo	< 0,1		<0,8		< 9,6	ppb						
mmol/l	Si	0,30		<1,5		8,4	ppm						

Converted results: ppm = mg/l and ppb = µg/l.

The advice given in this report provides general guidelines for the fertiliser application (stated at the end of the report). Depending on the type of crop, growth stage and growth circumstances, the guidelines may vary slightly.

The specific feeding schedule per crop is shown on the analysis report of the drain water, substrate or soil.

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Recommend. Fertilizers can be added according to scheme B 9.9.1.1.0.0.
The above water schedule has been calculated on the basis of the analysed parameters, and is shown in the following sequence: B HCO₃.Ca.Mg.S.NO₃.K
When using this fertiliser recommendation schedule, a correction is made to these elements. The bicarbonate content determines the amount of acid that must be added to neutralise this.
If trace elements are present in the water, a correction is also made to the recommendation. The size of the correction is shown in the drain water or substrate analysis report.

Crop data Source
Use Potting-soil
Irrigation system

History	pH	EC mS/cm	NH ₄ mmol/l	K	Na	Ca	Mg	NO ₃	Cl	S	HCO ₃	P	Si	Fe µmol/l	Mn	Zn	B	Cu	Mo
19-05-23	7,6	0,6	< 0,1	< 0,1	0,5	2,5	0,4	0,2	0,6	0,3	5,5	< 0,04	0,30	< 0,2	0,6	0,1	1,8	< 0,1	< 0,1

Method If the following information is shown on the reports, this information has been provided by the customer: crop, cultivation type, cultivation method, cultivation stage, cultivation medium, watering system, cultivation system, fertilization system, A and B container contents, fertilizer package, drip EC, used drain sample for recirculation incl. recirculation EC or %, type of material/soil, used basic water, type of water, application (purpose) water.
pH Em: PH-GTB
EC Q Em: FILTR en EC1
NH₄ Q Em: FILTR en SFAHFD
NO₃ Q Em: FILTR en SFAHFD
Cl Q Em: FILTR en SFAHFD
HCO₃ Q Em: FILTR en SFAHFD
Remaining analyses Q Em: FILTR en ICP-HSP

Q Method accredited by RvA
Em: Method Eurofins Agro, Gw: Equivalent of, Cf: In conformity with
All procedures have been completed within the maximum shelf life between sampling and analysis.
The results relate exclusively to the material supplied, which Eurofins Agro received and was processed on 19-05-2023, and therefore to the sample analysed. For a detailed description of the sampling and analysis methods used, visit www.eurofins-agro.com
All analyses were (partial) conducted at the laboratory in Eurofins Agro, Wageningen.