

Test for fertilization basic water + total-Fe bron

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Example report

Original

Sample Research-/ordernumber: Date sampling: 110626/003034750

16-05-2017

Date report: 18-05-2017

Code of object: KBWA2

Test code: 612

Receiving date: 17-05-2017

Sample was taken by: Third party

Total hardness

Temporary hardness

Contactperson sampling: Nico Barendregt: 0652002103

analysis

10,6

4,2

guideline

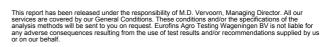
Unit °D

°D

malysis guideline results pH 7,0 5,5-7,5 mS/cm 25°C EC 0,6 <0,5 Cations mmol/I K 0,9 <1,0 35 ppm Na 1,0 <1,5 23 ppm Mg 0,7 <1,0 17 ppm Mg 0,7 <1,0 167 ppm MG NO3 1,5 21 ppm S 0,5 <1,0 16 ppm P 0,15 <3,0 92 ppm P 0,15 <3,0 92 ppm Micronutrients μmol/I Mn 5,1 <3 280 ppb Micronutrients μmol/I Xn 2,0 <2 131 ppb MG <1,0 <4 ppb MG <0,1 <3 <6 ppb MG <1,0 <6 ppb MG <1,0 <6 ppb MG <1,0 <6 ppb MG <0,1 <3 <6 ppb MG <0,1 <6 ppb MG <0,1 <6 ppb MG <0,1 <0,8 <9,6 ppb MG NH NH NH NH NH NH NH N	Results		-		convei	rted
MS/cm 25°C EC 0,6 <0,5			analysis	guideline		
Cations mmol/I NH4 < 0,1		рН	7,0	5,5-7,5		
Mmmol/I K 0,9 <1,0 35 ppm Na 1,0 <1,5	mS/cm 25°C	EC	0,6	<0,5		
K 0,9 <1,0 35 ppm Na 1,0 <1,5		NH ₄	< 0,1	<0,3	< 1,9	ppm
Ca 1,2 <1,0 48 ppm Mg 0,7 <1,0	mmoi/i	K	0,9	<1,0	35	ppm
Mg 0,7 <1,0 17 ppm Anions mmol/I NO ₃ 2,7 <2,0		Na	1,0	<1,5	23	ppm
Anions mmol/I		Са	1,2	<1,0	48	ppm
mmol/I CI 0,6 <1,5		Mg	0,7	<1,0	17	ppm
CI 0,6 <1,5 21 ppm S 0,5 <1,0 16 ppm HCO ₃ 1,5 <3,0 92 ppm P 0,15 <0,20 4,6 ppm Micronutrients μmol/I Mn 5,1 <3 280 ppb Zn 2,0 <2 131 ppb B 5,2 <10 56 ppb Cu 1,0 <1,0 64 ppb Mo <0,1 <0,8 <9,6 ppb		NO_3	2,7	<2,0	167	ppm
HCO ₃ 1,5 <3,0 92 ppm P 0,15 <0,20 4,6 ppm Micronutrients μmol/l Mn 5,1 <3 280 ppb Zn 2,0 <2 131 ppb B 5,2 <10 56 ppb Cu 1,0 <1,0 64 ppb Mo <0,1 <0,8 <9,6 ppb	mmoi/i	CI	0,6	<1,5	21	ppm
P 0,15 <0,20 4,6 ppm Micronutrients μmol/I Fe 8,8 <10		S	0,5	<1,0	16	ppm
Micro- nutrients μmol/l Mn 5,1 <3 280 ppb Zn 2,0 <2 131 ppb B 5,2 <10 56 ppb Cu 1,0 <1,0 64 ppb Mo <0,1 <0,8 <9,6 ppb		HCO ₃	1,5	<3,0	92	ppm
nutrients μmol/I Mn 5,1 <3 280 ppb Zn 2,0 <2		Р	0,15	<0,20	4,6	ppm
μmol/l Mn 5,1 <3 280 ppb Zn 2,0 <2		Fe	8,8	<10	491	ppb
B 5,2 <10 56 ppb Cu 1,0 <1,0 64 ppb Mo <0,1 <0,8 <9,6 ppb		Mn	5,1	<3	280	ppb
Cu 1,0 <1,0 64 ppb Mo <0,1 <0,8 <9,6 ppb		Zn	2,0	<2	131	ppb
Mo < 0,1 <0,8 < 9,6 ppb		В	5,2	<10	56	ppb
		Cu	1,0	<1,0	64	ppb
mmol/l Si 0,89 <1,5 25 ppm		Мо	< 0,1	<0,8	< 9,6	ppb
	mmol/l	Si	0,89	<1,5	25	ppm
µmol/l Fe-tot 7,5 <10 419 ppb	μmol/l	Fe-tot	7,5	<10	419	ppb

Converted results: ppm = mg/l and $ppb = \mu g/l$.







Results

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

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

Recommend.

Fertilizers can be added according to scheme B 2.4.2.1.4.1.

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 Well water Hydroponics Use Irrigation system drip irrigation

History	pН	EC mS/cm	NH ₄ mmol/l	K	Na	Ca	Mg	NO ₃	CI	s	HCO ₃	P	Si	Fe µmol/l	Mn	Zn	В	Cu	Мо
16-08-16	7,0	0,6	< 0,1	0,9	1,0	1,2	0,7	2,7	0,6	0,5	1,5	0,15	0,89	8,8	5,1	2,0	5,2	1,0	< 0,1

Method	рH		Em: VO-PH
	EC	Q	Em: FILTR en EC1
	NH,	Q	Em: FILTR en DAHFD
	NO ₃	Q	Em: FILTR en DAHFD
	CI	Q	Em: FILTR en DAHFD
	HCO ₃	Q	Em: FILTR en DAHFD
	Remaining analyses	Q	Em: FILTR en ICP-HSP
	Fe-tot		Em: ICP-HSP

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 reported results only refer to the material supplied to Eurofins Agro.