Optifeed
Potting soil
Tomato coir

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Example

Modified

Sample

Research-/ordernumber:	Date sampling:	Date report:	Code of object:
304236/004983159	14-02-2020	22-01-2021	04236
Test code:	**Receiving date:**	**Sample was taken by:**	**Contactperson sampling:**
310	03-03-2020	Third party	

Results

		analysis	at EC 1,40	target	low	normal	high	basic scheme	correc-tion	water+ drain	A+B tank	total dose
	pH	7,0	7,0	5,5								
mS/cm 25°C	EC	1,4	1,4	1,5				2,6			2,6	2,6
Cations mmol/l	NH_4	< 0,1	< 0,1	< 0,2				0,7	0,25		1,0	1,4
	K	4,7	7,2	2,8				8,0	-2,0		5,1	5,1
	Na	3,7	3,7									
	Ca	0,3	0,5	3,8				6,2	2,0		7,0	7,0
	Mg	0,3	0,5	1,8				2,6	1,0		3,1	3,1
Anions mmol/l	NO_3	1,3	2,0	8,3				16,0	3,0		16,8	16,8
	Cl	4,8	4,8									
	S	1,8	2,7	2,5				4,4			3,9	3,9
	HCO_3	< 0,1	< 0,1									
	P	0,08	0,12	0,50				1,50	0,3		1,75	1,75
Micro-nutrients µmol/l	Fe	0,2	0,2	10				25	13		38	38
	Mn	< 0,4	< 0,4	2,0				10	2,5		13	13
	Zn	0,3	0,3	5,0				5,0	1,3		6,3	6,3
	B	4,0	4,0	25				30	15		45	45
	Cu	< 0,1	< 0,1	0,5				0,8			0,8	0,8
	Mo	< 0,1	< 0,1					0,5			0,5	0,5
mmol/l	Si	0,38	0,38									
	K/Ca	16		0,7								

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Recommend.

Calcium nitrate	151,7	kg
Chelated iron DTPA 6% +	1750	g
Chelated iron EDDHA 6%	1750	g

A

1000 liter *100 * concentrated*

Potassium nitrate	18,0	kg
Mono potassium phosphate	23,8	kg
Sulphate of potash	14,0	kg
Magnesium sulphate	76,0	kg
Manganese sulphate 32%	210	g
Zinc sulphate 23%	180	g
Borax	430	g
Copper sulphate	19	g
Sodium molybdate	12	g

B

1000 liter *100 * concentrated*

Please maintain one A+B tank. Fertilizer type: solid

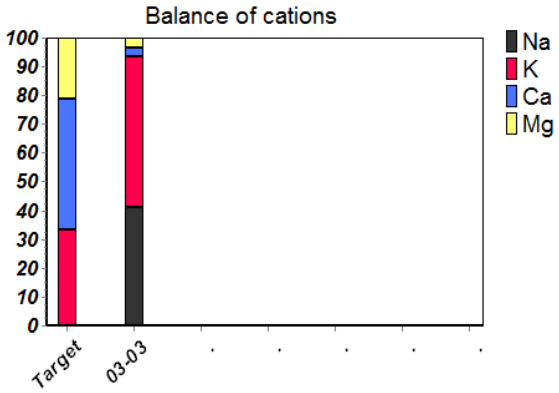
Explanation Sodium and/or chloride is high. Further, if possible, some extra water.

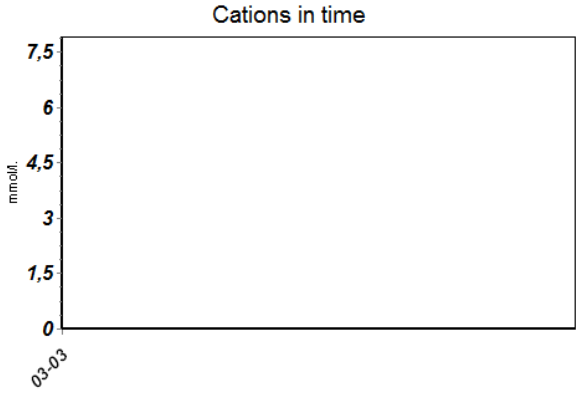
Recommendations based on Potting soil Check + Crop Check analyses

Crop data

Crop	Tomato	DRIP EC	not indicated
Type of crop		Base water	0.0.0.0.0.0.
Culture			
Growing stage			
Water system	Drip irrigation		

History





The uptake of the nutrients is very much depending on the ratios of these nutrients.

Please prepare your own historical overview and graphs at www.horti-digital.com

	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
03-03-20	7,0	1,4	< 0,1	7,2	3,7	0,5	0,5	2,0	4,8	2,7	< 0,1	0,12	0,38	0,2	< 0,4	0,3	4,0	< 0,1	< 0,1

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Method	pH	Q *	Em: PH-GTB	HCO_3	Q *	Em: PGEXTR & SFAHFD
	EC	Q *	Em: PGEXTR & EC1	P	Q *	Em: PGEXTR & ICP-HSP
	NH_4	Q *	Em: PGEXTR & SFAHFD	Fe	Q *	Em: PGEXTR & ICP-HSP
	K	Q *	Em: PGEXTR & ICP-HSP	Mn	Q *	Em: PGEXTR & ICP-HSP
	Na	Q *	Em: PGEXTR & ICP-HSP	Zn	Q *	Em: PGEXTR & ICP-HSP
	Ca	Q *	Em: PGEXTR & ICP-HSP	B	Q *	Em: PGEXTR & ICP-HSP
	Mg	Q *	Em: PGEXTR & ICP-HSP	Cu	Q *	Em: PGEXTR & ICP-HSP
	NO_3	Q *	Em: PGEXTR & SFAHFD	Mo	*	Em: PGEXTR & ICP-HSP
	Cl	Q *	Em: PGEXTR & SFAHFD	Si	*	Em: PGEXTR & ICP-HSP
	S	Q *	Em: PGEXTR & ICP-HSP	K/Ca		derivative value

Q Method accredited by RvA
Em: Method Eurofins Agro, Gw: Equivalent of, Cf: In conformity with
* For this procedure the maximum shelf life between sampling and analysis has been exceeded.
This may have affected the reliability of the result.

The results are determined in a 1:1,5 (v/v) extract in water.
The reported results only refer to the processed material on 03-03-2020
All analyses were (partial) conducted at the laboratory in Eurofins Agro, Wageningen.

MODIFIED REPORT This report supersedes all earlier versions sent under the same number on the basis of "date report".