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Optifeed
Chemical 1:2 extraction
kap 1 paprika

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Example report

Original

Sample	Research-/ordernumber:	Date sampling:	Date report:	Code of object:
	200375/003994182	10-01-2017	03-04-2017	3
	Soil type:	Receiving date:	Sample was taken by:	Contactperson sampling:
	Sand	11-01-2017	Eurofins Agro	Jorn Rommens: 0032 472076278

Results		analysis	target	appreciation
	pH	7,0		high
mS/cm 25°C	EC	2,2	1,1	
Cations mmol/l	NH_4	< 0,1	0,1	
	K	5,3	2,0	high
	Na	6,7		high
	Ca	3,0	2,5	
	Mg	1,8	1,2	high
Anions mmol/l	NO_3	2,7	4,5	
	Cl	3,9		high
	S	6,6	2,0	high
	HCO_3	< 0,1		-
	P	0,04	0,10	low
Micro-nutrients µmol/l	Fe	2,1		-
	Mn	0,5		
	Zn	0,4		-
	B	72		high
	Cu	0,4		-
	Mo	0,6		-
mmol/l	Si	0,11		-

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Recommend.

Leaching advice		
Calculated rinse amount	75,0	mm

Fertilizer advice		
per 100 m^2 Triple super phosphate	7	kg
Magnes. ammonium nitrate	11	kg

Explanation

- The boron content is high. Additional fertilization with borax is not necessarily.
- The pH is high.
- Based on the salt content (EC, Na, Cl) the soil has to be leached. When the soil is dry, moisten the soil first. The advice is based on the amount of leaching.
- The advice is based on the upper 0-25 cm soil layer.
- Have the soil analysed again before top dressing.

Crop data

Crop: sweet pepper

Type of crop:

To improve our advice and to understand physical qualities of the soil a basic examination recommended.

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
11-01-17	7,0	2,2	< 0,1	5,3	6,7	3,0	1,8	2,7	3,9	6,6	< 0,1	0,04	0,11	2,1	0,5	0,4	72	0,4	0,6

Method

pH	Q	Em: KG-PH	HCO_3	Q	Em: KGEXTR & DAHFD/SFAHFD
EC	Q	Em: KGEXTR & EC1	P	Q	Em: KGEXTR & ICP-HSP
NH_4	Q	Em: KGEXTR & DAHFD/SFAHFD	Fe		Em: KGEXTR & ICP-HSP
K	Q	Em: KGEXTR & ICP-HSP	Mn	Q	Em: KGEXTR & ICP-HSP
Na	Q	Em: KGEXTR & ICP-HSP	Zn		Em: KGEXTR & ICP-HSP
Ca	Q	Em: KGEXTR & ICP-HSP	B	Q	Em: KGEXTR & ICP-HSP
Mg	Q	Em: KGEXTR & ICP-HSP	Cu		Em: KGEXTR & ICP-HSP
NO_3	Q	Em: KGEXTR & DAHFD/SFAHFD	Mo		Em: KGEXTR & ICP-HSP
Cl	Q	Em: KGEXTR & DAHFD/SFAHFD	Si		Em: KGEXTR & ICP-HSP
S	Q	Em: KGEXTR & 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 are determined in a 1:2 (v/v) extract in water.

Sample was taken by: Jorn Rommens
Sampling method: under Eurofins Agro standard MIN 3020 Q

200375, 03-04-2017