



S u b t i l

Foolproof solution for substrate cultivation



Ensuring the correct amount of the right nutrients is no easy task. Common practice is to use straight fertilizers. For smaller surfaces, straight fertilizers are not always practical. Application of NPK fertilizers offers an alternative. Most common formulations however, are not fine tuned to match the needs of substrate cultures. Excess or shortage of plant nutrients often results into production and quality losses. Subtil offers a convenient and foolproof solution to fertilize substrate grown crops.



Advantages:

Well considered

Subtil formulations exist for a wide variety of water qualities and growth stages without deviating from the optimal nutrient solutions. Both with surface and well water Subtil fertilization matches pH and nutrient proportion thanks to its flexible and well considered concept.



For Professionals

The Subtil range is based on the latest optimal nutrient solutions for substrate grown crops.

Urea free

Urea based formulations are undesired for substrate cultures. Subtil is free of urea nitrogen



Foolproof

Preparing the stock solution is simple and the chances to make mistakes are reduced considerably. The chelates used provide a pH stability up to 7,5.

Simple

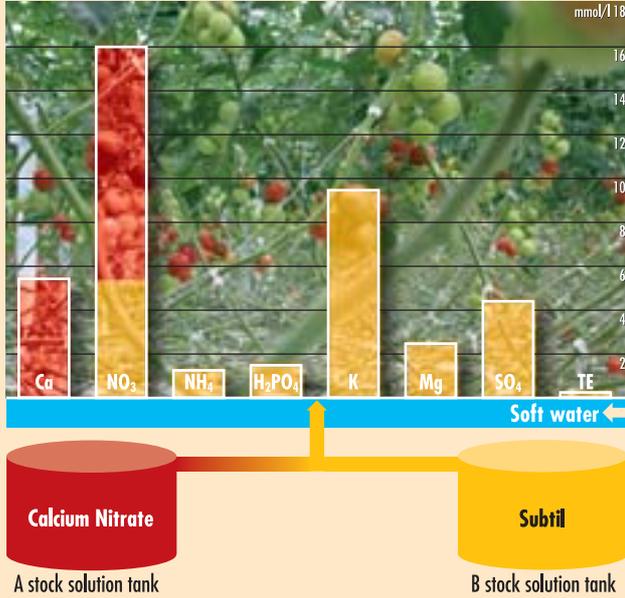
Subtil can be applied using various fertilizer dosage systems, starting from a simple tank with a volumetric dosage pump up to full automatic AB-units.

How it works

A Subtil fertilizer program matches the optimal nutrient solution for substrate cultures. Adjustments for water quality and growth stage are easy.

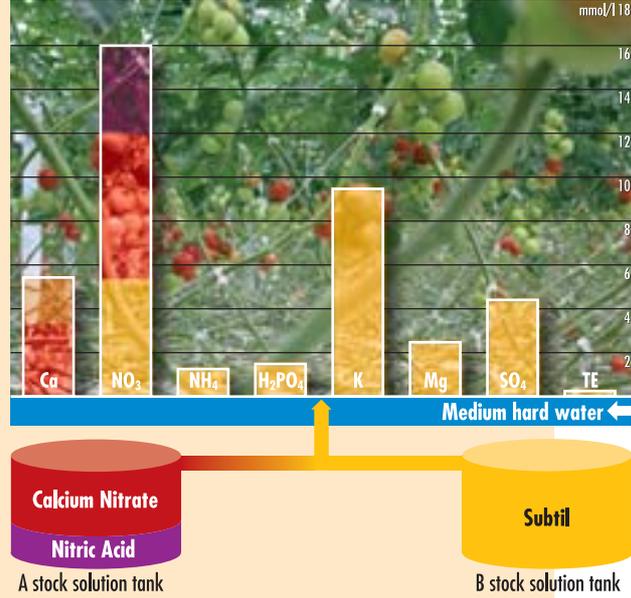
Soft water

Soft water is free from nutrients and bicarbonate. Combining subtil with calcium nitrate results in a perfect fit.



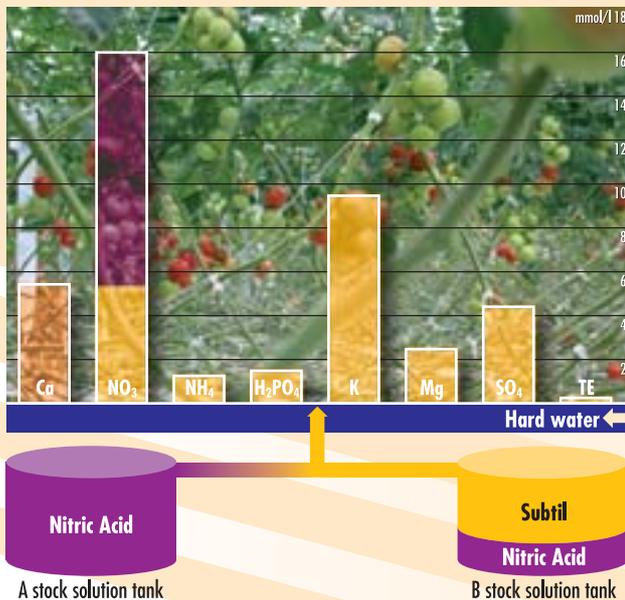
Medium hard water

Part of the required calcium is present in the water. The missing nitric nitrogen is complemented with nitric acid. At the same time the nitric acid neutralizes bicarbonate and optimizes pH-level.



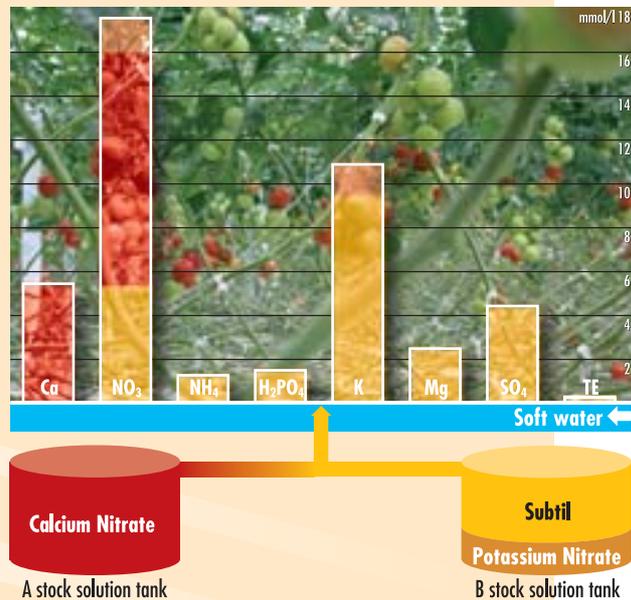
Hard water

Hard water has a high calcium bicarbonate concentration. In case sufficient calcium is present in the water, Subtil together with nitric acid will balance nutrient levels and pH.



Correction for growth stage

Corrections for different growth stages are possible using small amounts of straight fertilizers.



F o r m u l a t i o n s

Subtil sola	NPK 7-10-35	+ 5 MgO + TE	Tomato, Pepper
Subtil curbi	NPK 9-9-34	+ 5 MgO + TE	Cucumber, Melon
Subtil berry	NPK 8-9-33	+ 5 MgO + TE	Strawberry
Subtil roca	NPK 8-11-33	+ 5 MgO + TE	Roze, Carnation, Gerbera
Subtil endi	NPK 10-15-28	+ 4 MgO	Brussels Endive



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