

# Naturquel<sup>®</sup> -Fe-L

CHELATED IRON DEFICIENCY CORRECTOR

## RIQUEZAS GARANTIZADAS S.M.T

Iron (Fe)..... 7,00% w/w (10,1 w/v)

Naturquel-Fe-L is a product which is recommended for the preventive control and treatment of iron deficiencies (iron chlorosis). It makes iron readily available to plants, with a high degree of stability in the soil.

The iron that Naturquel-Fe-L contains is chelated by hexa/heptagluconic acids. The product is presented in water-soluble liquid form, ideal for hydroponic application, as well as for use in fertilising irrigation systems, leaf spraying or for soil application.

Naturquel-Fe-L is effective for soils with very wide ranges of pH, even if these are very basic (from 3.5 to 8.9).

## INSTRUCTIONS FOR USE

It is recommended to carry out several applications during cultivation to obtain a good and lasting effect.

1. **SOIL APPLICATION:** Naturquel-Fe-L can be applied using fertilising irrigation systems and by injection. Due to the type of chelating agent it contains, this product is stable and effective, even in calcareous alkaline soils, ensuring that the iron is readily available to plants. In order to calculate the dosage precisely it is advisable to first carry out a soil analysis.
2. **LEAF APPLICATION:** Leaf application facilitates the absorption of the iron through the leaves, transferring them to the interior of the plant. Naturquel-Fe-L can be applied combined with different fertilisers as well as with pesticides to prevent and correct deficiencies. It can also be applied by means of sprinkling and micro-sprinkling systems. It is advisable to carry out a leaf analysis to calculate the required dosage.
3. For crops or plants that grow on sand, perlite, rock wool Naturquel-Fe-L (because of its slightly acid reaction), regulates the pH of the nutritive solution, ensuring that the chelated micronutrients are very stable and are quickly assimilated. The use of this type of chelates improves the nutritional state of plants and prevents precipitates in re-circulation systems.

## ESSENTIAL NUTRITIONAL ELEMENTS

Essential elements are directly involved in plant nutrition, either forming part of the molecules of the living matter or as basis factors in numerous enzymatic reactions. The lack of an essential element always causes serious disorders and, for this reason, it is advisable to take preventive measures before deficiencies or immobilisation appear.

The essential elements for plants which has been identified are grouped together according to the amounts required. Macronutrients comprise primary elements (C, H, O, N, P, K) and the so called secondary elements (Ca, Mg, S). The micronutrients for which deficiencies are most frequent are: B, Cu, Fe, Mn, Mo, Zn. Other classified micronutrients are: Cl, Co, Na, Si, V.

## ORGANIC AGRICULTURE LABEL:



REG. 836 / 2005  
Fertilizantes  
SISTEMA VERDAS  
Certificación



  
**Daymsa**  
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