









ADOB® FeK EDTA – 5.8%

Characteristics

ADOB® FeK EDTA - 5.8% is a specialty fertiliser, specifically designed to supply highly available iron cations to plants in moderate pH conditions. Owing to a patented production process, **ADOB® FeK EDTA - 5.8%** is characterised by several unique properties. The entire concentration of iron in the product (5.8% w/w) is 100% chelated by **EDTA**, making it completely effective and fully available to plants. **ADOB® FeK EDTA - 5.8%** is formulated as a stable, ready-to-use and high-purity aqueous solution, which makes it very convenient for growers to produce working solutions with. Since the production process does not include the use of any sulphates, chlorides or nitrates, the material is anion-free. The additional advantage of **ADOB® FeK EDTA - 5.8%** is that the product is also sodium-free, which is especially important in greenhouses and areas with higher salinity. Consequently, there is no risk of sodium build-up, while at the same time the potassium contained in the product (K_2O at 4.9% w/w) is fully plant-available. This product serves as an effective source of iron and it is mainly recommended for foliar application, hydroponics and fertigation. It is recommended for preventive and corrective fertilisation in all agricultural and horticultural crops.

Iron is crucial in the redox reaction of various cytochromes during respiration and photosynthesis. It is also involved in the functioning of oxidative enzymes, such as catalase and peroxidase, as well as in chlorophyll biosynthesis. In addition, it is highly involved in various stages of nitrate reduction in plants. Iron's most prevalent deficiency symptom, leaf chlorosis, is generally caused by its unavailability to plant roots when it is in an oxidation state of Fe^{3+} and when its solubility is extremely low ($<10^{-15}M$). This is directly linked to its tendency to form Fe hydroxides, oxyhydroxides and oxides in aerated alkaline soils. **ADOB® FeK EDTA - 5.8%** ensures the quick correction of iron deficiency and treats the above-mentioned physiological disorders.

-  **EC** EC fertiliser
-  liquid fertiliser
-  **EDTA** **EDTA** chelated
-  **K!** bonus K enrichment
-  **100%** 100% chelated Fe
-  **-Na-** sodium - free
-  **Q** outstanding quality
-  enhanced photosynthesis



Composition

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Packaging:
20, 1000 l

Nutrients	Symbol	Content [% w/w]	Content [% w/v]	Content [g/l]	Form
Potassium oxide	K_2O	4.9	6.1	61.0	soluble in water
Iron	Fe	5.8	7.2	72.0	chelated by EDTA

