



# ADOB® Fe EDTA – 5%

## Characteristics

ADOB® Fe EDTA - 5% 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® Fe EDTA - 5% is characterised by several unique properties. The entire concentration of iron in the product (5.0% w/w) is 100% chelated by EDTA, making it completely effective and fully available to plants. ADOB® Fe EDTA - 5% 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. 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 reactions 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 plant nitrate reduction. Iron's most prevalent deficiency symptom, leaf chlorosis, is usually caused by its unavailability to plant roots when it is in an oxidation state of Fe<sup>3+</sup> and when its solubility is extremely low (<10<sup>-15</sup>M). This is directly linked to its tendency to form Fe hydroxides, oxyhydroxides and oxides in aerated alkaline soils. ADOB® Fe EDTA - 5% ensures the quick correction of iron deficiency and treats the above-mentioned physiological disorders.

-  EC fertiliser
-  liquid fertiliser
-  EDTA chelated
-  100% chelated Fe
-  fast and efficient Fe uptake
-  outstanding quality
-  enhanced photosynthesis
-  increased yields and improved yield quality



## Composition

### Composition – ADOB® Fe EDTA – 5%

Packaging:  
20, 1000 l

Nutrients	Symbol	Content [% w/w]	Content [% w/v]	Content [g/l]	Form
Iron	Fe	5.0	6.0	60.0	chelated by EDTA

