



ADOB® Fe DTPA – 7%

Characteristics

ADOB® Fe DTPA – 7% is a specialty fertiliser, specifically designed to supply plants with highly available iron cations at slightly higher pH conditions (6.5-7.5). Owing to a patented production process, ADOB® Fe DTPA – 7% is characterised by several unique properties. The entire concentration of iron in the product (7% w/w) is 100% chelated by **DTPA**, making it completely effective and fully available to plants. The fertiliser is formulated as fully water-soluble, free-flowing micro-granules without any impurities or dust. Due to the “raspberry” shape of the micro-granules, the product is not hygroscopic and is self-soluble with no mixing required. The solubility of the product is 750g/l at 20°C. This product serves as an effective source of iron when applied directly to the soil and when applied through fertigation or hydroponics. It is recommended for preventive and corrective fertilisation in all agricultural and horticultural crops.

Iron is crucial to 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. Iron is highly involved in various stages of nitrate reduction within the plant. Its most prevalent deficiency symptom, leaf chlorosis, is generally caused by its unavailability to plant roots when it is in an oxidation state of Fe³⁺ and when its solubility is extremely low (<10⁻¹⁵M). This is directly linked to its tendency to form Fe hydroxides, oxyhydroxides and oxides in aerated alkaline soils. ADOB® Fe DTPA – 7% can counteract iron deficiency quickly and successfully, thus treating the above-mentioned physiological disorders.

-  CE fertiliser
-  microgranular
-  **DTPA** chelated
-  fast and efficient Fe uptake
-  100% chelated Fe
-  fast dissolution and complete solubility
-  preventive and corrective effect
-  enhanced photosynthesis



Packaging:
1, 3, 5, 25, 1000 kg

Composition

Composition – ADOB® Fe DTPA – 7%

Nutrients	Symbol	Content [% w/w]	Form
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Iron	Fe	7.0	chelated by DTPA
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Stability of the chelated fraction guaranteed at pH range 4-8



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