ADOB® Zn EDTA – 7.2%

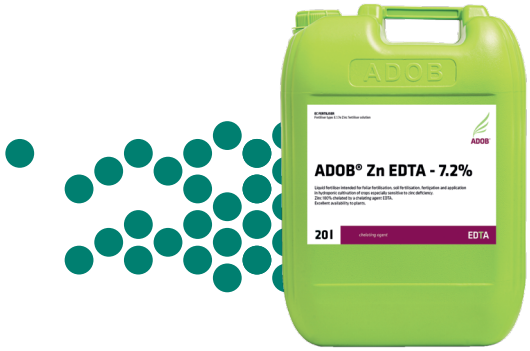
Characteristics

ADOB® Zn EDTA - 7.2% is a specialty fertiliser, specifically designed to supply highly available zinc cations to plants in moderate pH conditions. Owing to a patented production process, **ADOB® Zn EDTA - 7.2%** is characterised by several unique properties. The entire concentration of zinc in the product (7.2% w/w) is 100% chelated by **EDTA**, making it completely effective and fully available to plants. **ADOB® Zn EDTA - 7.2%** 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 any sulphates, chlorides or nitrates, the material is anion-free. This product serves as an effective source of zinc and is mainly recommended for foliar application, hydroponics and fertigation. It is recommended for preventive and corrective fertilisation in all agricultural and horticultural crops.

Zinc is present in a large variety of enzymes, where it contributes to maintaining their structural stability. Additionally, zinc works as an external activator for other important enzymes and is involved in a number of important functions in DNA and RNA metabolism, cell division and protein synthesis. It is crucial in the metabolism of the auxin indole-acetic acid (IAA), which enhances the apical growth of plants. Zinc deficiency is widespread among plants grown in highly weathered acid soils and in calcareous soils. In the latter case, zinc deficiency is often associated with iron deficiency (lime chlorosis). The low availability of zinc in high pH calcareous soils is mainly due to the adsorption of Zn to clay or $CaCO_3$.

Zinc deficiency causes various physiological disorders, including stunted growth ("rosetting") due to the shortening of internodes, a drastic decrease in leaf size ("little leaf") or, under severe zinc deficiency, death of shoot apices ("dieback"). Quite often these symptoms are combined with chlorosis, which is either highly contrasting or diffusive ("mottle leaf"). In cereals such as wheat, typical symptoms include reduction in shoot elongation and the development of whitish-brown necrotic patches on middle-aged leaves, while young leaves remain yellowish-green and show no necrotic lesions. **ADOB® Zn EDTA - 7.2%** quickly corrects zinc deficiency, treating the above-mentioned physiological disorders.

- EC fertiliser
- liquid fertiliser
- **EDTA** chelated
- 100% chelated Zn
- enhanced root development
- outstanding quality
- fast and efficient Zn uptake
- increased yields and improved yield quality



Composition

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Packaging:
20, 1000 l

Nutrients	Symbol	Content [% w/w]	Content [% w/v]	Content [g/l]	Form
Zinc	Zn	7.2	9.5	95.0	chelated by EDTA

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