



ADOB® Cu IDHA – 10%






Characteristics

ADOB® Cu IDHA – 10% is a specialty fertiliser specifically designed to supply plants with highly available copper cations. Owing to a patented production process, ADOB® Cu IDHA – 10% is characterised by several unique properties. IDHA is a state-of-the-art, fully biodegradable chelating agent (75% degradation within 28 days), a trait which makes it the only environmentally-friendly synthetically-produced chelating agent on the market. The entire concentration of copper in the product (10% w/w) is 100% chelated by IDHA, 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 750 g/l at 20°C.

ADOB® Cu IDHA – 10% serves as an effective source of copper. It is mainly recommended for foliar application, especially for fruits and vegetable, since its biodegradability means no residues on the produce we consume. The product can also be used in fertigation and hydroponics at moderate pH conditions. It is recommended for preventive and corrective fertilisation in all agricultural and horticultural crops.

Copper functions as a highly active element in redox reactions, participating in photosynthesis, respiration, carbon and nitrogen metabolism and in protection against oxidative stresses. It is a crucial factor in the appropriate lignification process of cell walls (especially the xylem vessels throughout the plant), as well as in pollen formation and in seed-set. ADOB® Cu IDHA – 10% ensures the quick correction of copper deficiency and treats the physiological disorders it causes (such as reduced redox activities, distortion of young leaves, bending and twisting of stems and twigs, impaired flower and fruit formation, pollen sterility, and reduced seed-set).

ADOB® Cu IDHA – 10% is allowed to be applied in ecological agriculture. Certificate numer – NE/652/2022.

-  CE fertiliser
-  microgranular
-  IDHA chelated
-  biodegradable
-  100% chelated Cu
-  preventive and corrective effect
-  fast and efficient Cu uptake
-  improved stress tolerance



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

Composition

Composition – ADOB® Cu IDHA – 10%

Nutrients	Symbol	Content [% w/w]	Form
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Copper	Cu	10.0	chelated by IDHA
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Stability of the chelated fraction guaranteed at pH range 4-9.



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