

# ADOB® Cu IDHA - 4.5%

## Characteristics

**ADOB® Cu IDHA - 4.5%** is a specialty fertiliser specifically designed to supply plants with highly available copper cations. Owing to a patented production process, **ADOB® Cu IDHA - 4.5%** 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 environmentally friendly as the only synthetically produced chelating agent in the market. The entire concentration of copper in the product (4.5% w/w) is 100% chelated by **IDHA**, making it completely effective and fully available to plants. **ADOB® Cu IDHA - 4.5%** 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.

**ADOB® Cu IDHA - 4.5%** serves as an effective source of copper and 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, C and N metabolism and in the 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 - 4.5%** 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).

-  **EC** EC fertiliser
-  liquid fertiliser
-  **IDHA** **IDHA** chelated
-  biodegradable
-  100% chelated Cu
-  preventive and corrective effect
-  fast and efficient Cu uptake
-  improved stress tolerance



## Composition

### Composition – ADOB® Cu IDHA – 4.5%

Packaging:  
20, 1000 l

Nutrients	Symbol	Content [% w/w]	Content [% w/v]	Content [g/l]	Form
Copper	Cu	4.5	6.0	60.0	chelated by <b>IDHA</b>

