



ADOB® Calcizinc

Characteristics

ADOB® Calcizinc is a speciality fertiliser with high concentrations of nitrogen (N; 15.0%), calcium (CaO; 27.0%) and zinc (Zn; 0.2%). Owing to a patented production process, ADOB® Calcizinc is characterised by several unique properties. The solubility of the product is 2.3kg/l at 20°C and its rapid and complete dissolution in water makes the nutrients quickly available to plants. The fertiliser is formulated as fully water-soluble, free-flowing flakes without any impurities or an anticaking agent. As a result of relatively low hygroscopicity, there is still no risk of caking. ADOB® Calcizinc is an effective source of calcium, nitrate-nitrogen and zinc. The product is mainly recommended for foliar application, hydroponics and fertigation.

ADOB® Calcizinc ensures quick and effective fertilisation of plants with macro-, secondary- and micro-nutrients. Nitrogen is the main building block of proteins; it therefore plays a crucial role in plants' vegetative growth and impacts yield productivity. The nitrate (NO₃⁻) form of nitrogen in this product ensures its fast uptake by the plants, resulting in quick deficiency correction. Calcium is a structural component of cell walls. Calcium deficiency reduces the mechanical strength of plants and their resistance to pests and diseases, especially at the post-harvest stage. Zinc is present in a large variety of enzymes and contributes to maintaining their structural stability. It is involved in a number of important functions in DNA and RNA metabolism, cell division and protein synthesis. It is also crucial in the metabolism of the auxin indole-acetic acid (IAA), which enhances the apical growth of plants.

ADOB® Calcizinc is instrumental in the quick correction of calcium, nitrogen and zinc deficiencies, eliminating the physiological diseases they cause. It contributes to firmness and uniform ripening in fruits and vegetables; it also extends their storage capacity and durability during transportation. The high concentration of nutrients in this fertiliser meets the needs of even the most demanding plants. It is recommended for preventive and corrective fertilisation of all crops.

Composition

Composition – ADOB® Calcizinc

Nutrients	Symbol	Content [% w/w]	Form
Total nitrogen	N	14.3	
– nitrate nitrogen	N-NO ₃	13.5	
– ammonium nitrogen	N-NH ₄	0.8	
Calcium oxide	CaO	27.0	soluble in water
Zinc	Zn	0.2	chelated by IDHA

-  a mixture of various EC fertilisers
-  flakes
-  IDHA chelated
-  100% chelated Zn
-  low hygroscopicity
-  fast dissolution and complete solubility
-  outstanding quality
-  increased yields and improved yield quality, especially in fruits' post-harvest life



Packaging:
25, 1000 kg

