



ADOB® Calcium Nitrate









Characteristics

ADOB® Calcium Nitrate is a speciality fertiliser with high concentrations of nitrogen (N; 15.2%) and calcium (CaO; 27.5%). Owing to a patented production process, it is characterised by several unique properties. The solubility of the product is 2.4kg/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. Another advantage of the product is its low ammonia content (0.7%).

ADOB® Calcium Nitrate is an effective source of calcium and nitrate-nitrogen. The product is mainly recommended for foliar application, hydroponics and fertigation.

ADOB® Calcium Nitrate ensures quick and effective fertilisation of plants with macro- and secondary-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 plants, resulting in quick deficiency correction.

Calcium is a structural component of cell walls. Its deficiency reduces the mechanical strength of plants and their resistance to pests and diseases, especially at the post-harvest stage. **ADOB® Calcium Nitrate** enables growers to correct calcium deficiency quickly and eliminate the physiological diseases it causes (such as bitter pit, glassiness and blossom-end rot). 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.

-  EC fertiliser
-  flakes
-  contains nitrogen and calcium
-  low hygroscopicity
-  fast and efficient N uptake
-  fast dissolution and complete solubility
-  outstanding quality
-  increased yields and improved yield quality, especially in fruits' post-harvest life

Composition

Composition – ADOB® Calcium Nitrate

Nutrients	Symbol	Content [% w/w]	Form
Total nitrogen	N	15.2	
- nitrate nitrogen	N-NO ₃	14.5	
- ammonium nitrogen	N-NH ₄	0.7	
Calcium oxide	CaO	27.5	soluble in water



Packaging:
25, 1000 kg



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