

ADOB® Calcibor

Characteristics



ADOB® Calcibor is a speciality fertiliser with high concentrations of nitrogen (N; 15.1%), calcium (CaO; 27.0%), and boron (B; 0.2%). Owing to a patented production process, **ADOB® Calcibor** 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® Calcibor** is an effective source of calcium, nitrate-nitrogen and boron. The product is mainly recommended for foliar application, hydroponics and fertigation.

ADOB® Calcibor 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 (NO_3^-) 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. Calcium deficiency reduces the mechanical strength of plants and their resistance to pests and diseases, especially at the post-harvest stage. Over 90% of the boron in the plant is present in its cell walls, where it plays major structural and physiological roles. Other crucial functions take place in cell membranes during cell division and elongation. Its importance in plant meristems and in rapidly expanding cells impacts various reproductive processes (i.e. pollen tube germination, viability and elongation, the production of fruits and grains, improvements in seed-set and fruit-set, fruit maturation and ripening).

Appropriate boron nutrition has remarkable benefits for growers in terms of yield increase and the consistency of typical produce appearance.

ADOB® Calcibor enables growers to correct calcium, nitrogen and boron deficiencies quickly and eliminates the physiological diseases these deficiencies cause. It contributes to firmness and uniform ripening of 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.

-  a mixture of various EC fertilisers
-  flakes
-  contains nitrogen, calcium and boron
-  low hygroscopicity
-  fast dissolution and complete solubility
-  outstanding quality
-  preventive and corrective effect
-  increased yields and improved yield quality, especially in fruits' post-harvest life

Composition

Composition – ADOB® Calcibor

Nutrients	Symbol	Content [% w/w]	Form
Total nitrogen	N	15.1	
– nitrate nitrogen	N- NO_3	14.3	
– ammonium nitrogen	N- NH_4	0.8	
Calcium oxide	CaO	27.0	soluble in water
Boron	B	0.2	soluble in water



Packaging:
25, 1000 kg

