

ADOB® Magboron

Characteristics

ADOB® Magboron is a specialty fertiliser with high concentrations of nitrogen (N; 10.8%), magnesium (MgO; 15.5%) and boron (B; 0.2%). Owing to a patented production process, **ADOB® Magboron** 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 high solubility also makes it very convenient for growers to produce highly concentrated stock solutions for fertigation and hydroponics. The fertiliser is formulated as fully water-soluble, free-flowing flakes without any impurities. As a result of relatively low hygroscopicity, there is no risk of caking.

ADOB® Magboron is an effective source of magnesium, nitrate-nitrogen and boron and the product is mainly recommended for foliar application, hydroponics and fertigation. Furthermore, the product can serve as an ideal raw material for production of compound multinutrient fertilisers. 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.

ADOB® Magboron enables 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. Magnesium is a central component of the chlorophyll molecule; as a result, it is essential for optimal photosynthesis. It also enhances the catalytic activity of many enzymes by establishing a precise geometry between the enzyme and its substrate.

Over 90% of 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. Boron's importance in plant meristems and in rapidly expanding cells impacts various reproductive processes (i.e. pollen tube germination, viability and elongation, producing fruits and grains, and improvements in seed-set, 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® Magboron is an effective product for correcting nitrogen, magnesium and boron deficiencies and treating the physiological disorders that they cause.

-  EC fertiliser
-  flakes
-  contains nitrogen, magnesium and boron
-  fast and efficient N uptake
-  fast dissolution and complete solubility
-  outstanding quality
-  preventive and corrective effect
-  increased yields and improved yield quality



Packaging:
25, 1000 kg

Composition

Composition – ADOB® Magboron

Nutrients	Symbol	Content [% w/w]	Form
Total nitrogen	N	10.8	
– nitrate nitrogen	N- NO_3	10.8	
Magnesium oxide	MgO	15.5	soluble in water
Boron	B	0.2	soluble in water

