

ADOB MAGNESIUM

Liquid Magnesium Nitrate

Goodbye
Magnesium Deficiency



Introduction :

ADOB Magnesium is a liquid magnesium fertilizer in the form of magnesium nitrate that contains a high concentration of nitrogen in the form of nitrate, in addition to the main element, which is magnesium with a high percentage in the form of magnesium oxide.

Easy to add by irrigation and with different fertilization programs for plants.

Suitable for all types of crops and hydroponic.

Why ADOB Magnesium :



Adobe Magnesium is an important nutritional formula for plants, from the growth stage to production, as it is available in liquid form for easy absorption through the roots and complete dissolution in the fertilization tank. It is also characterized by the use of less than soluble magnesium at a rate of 40-50%. It contains nitrogen in the form of nitrate, which is the easiest and fastest form of absorption. It contains magnesium in the form of magnesium oxide, which is easy to absorb and represent inside the plant.

The important role of Magnesium :

1) Magnesium is a mobile element within the plant, so it moves from the old or lower leaves to the developing tops and newly grown leaves, and is absorbed in the form of ions.

2) Necessary for energy production.

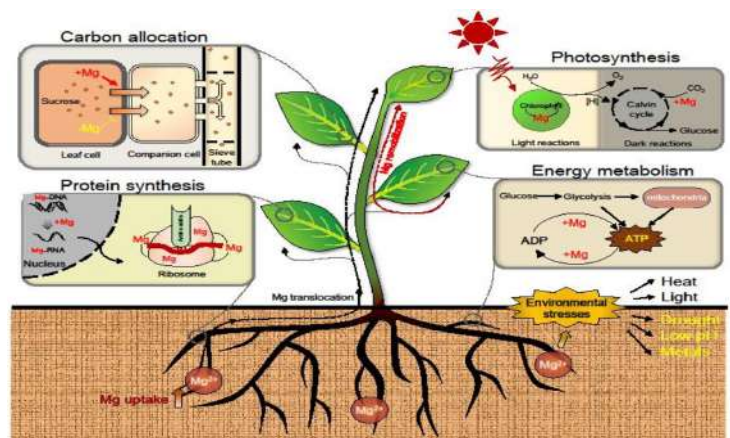
3) Plays an important role in building chlorophyll molecules

It is related to the formation of oils within plant tissues
Helps in the movement of phosphorous and carbohydrates within the plant.

4) It is considered an activator of a number of essential enzymes in the plant, which play a major role in the representation of nucleic acids.

Stimulates the formation of plant hormones.

5) It has an important role in the process of building proteins in plants.



Symptoms of magnesium deficiency on plants:

Symptoms of deficiency often appear in light and sandy lands and dry lands. Where the edges of the middle and lower aged leaves begin to yellow, the leaves of the plant become mottled with brown spots, and usually a triangular part remains close to the neck of the leaf with a green color

The internodes are dry and thin. Then it spreads between the veins inside the leaf blade, and the veins remain green, and yellowing begins to spread from the base to the top

Yellow spots that turn into brown between the veins may form in the yellowing leaves, and the growth of the plant and the size of the leaf is normal at the beginning, and the petioles are not curved, and when the infection intensifies, the old leaves fall off and the color of the whole plant turns to yellow.

In the case of severe infection, the leaves fall off and the plants become almost bare. There is a great similarity between the symptoms of magnesium deficiency and manganese, except that magnesium appears on the lower leaves, while manganese appears on the upper leaves.

Symptoms of magnesium deficiency on plants



Citrus



Tomato



Cucumber

Symptoms of magnesium deficiency on plants



Onion



Potato



Wheat

Strawberry



Composition :

Magnesium Calcium nitrate	Nitrogen total	Nitrogen Nitrate	PH	Density
% MgO	% N	% NO₃	PH	18 degree
15	11	11	7	1.38

How to use and dosage :

Crop	Dose	How to use
Simple Greenhouse	1 - 1.5 L/Tunnel/Week	It is used with ground fertilization and the amount of fertilizer added varies according to the type and age of the crop, and the quantity is usually divided at equal intervals and in different doses according to the stage.
air-conditioned houses	20 - 30 L/Hectare/Week	
Outdoor vegetables	12 - 15 L/Hectare/Week	
Fodder	12 - 15 L/Hectare/Week	
Fruits	12 - 15 L/Hectare/Week	
All type of crops	7 - 10 L/Hectare	

Usage Recommendations :

- **Mixable with most fertilizers and not mixed with Copper fertilizers.**
- **It is recommended to add it weekly in the fertilization program to avoid any deficiency in the Magnesium content of the plant.**

Packing

Available in 20 Liter