



# MAGNESIO NITRATO®

Fertilizer based on magnesium nitrate

## CHARACTERISTICS

MAGNESIO NITRATO is a microcrystalline fertilizer with a high content of magnesium and nitrogen. It is suitable both for soil irrigation and for foliar applications. In MAGNESIO NITRATO nitrogen is present in the nitrate form.

## EFFICACY

- ✓ *For foliar applications, soil irrigation*
- ✓ *It prevents the maladies associated with magnesium-deficiency*
- ✓ *Readily available Nitrogen*

Magnesium is an essential element for the growth of plants and is the single mineral element that constitutes chlorophyll. It is the specific activator of many enzymes involved in the metabolism of carbohydrates, nitrogen, the proteic synthesis, and the synthesis of fats.

Nitrogen is the basic element of growth, for the development and production of plants. It is absorbed by the roots mostly as nitrate and used in the synthesis of chlorophyll, amino acids, the proteic substances and enzymes of DNA.

MAGNESIO NITRATO, because of the simultaneous and balanced presence of magnesium and nitrogen, stimulates quickly the vegetative development, growth, colouration of the vegetation, reducing at the same time, the pathogens from magnesium-deficiency (desiccation of the rachis of the grape, early leaf drop from heat stress in apple trees, internervations chlorosis, desiccations of leaves).

It is useful, therefore, when an increase in the green parts of the plant (leaves, buds and small fruits) is desired to be obtained quickly and to have shiny green foliage.

Repeated applications are advised during all growing cycles and above all in addition to other water-soluble fertilizers (NUTRIGOLD, AMINOLEAF) that have a low content in nitrogen.

## RESULTS

MAGNESIO NITRATO, applied during the whole life cycle, stimulates a harmonic development of leaves, buds and prevents the pathogens associated with magnesium-deficiency.

## COMPOSITION

	% w/w
Nitrogen total (N)	11
Nitric nitrogen	11
Magnesium oxide (MgO) soluble in water	15,5

**SPECIFICATION** Solubility 1800 g / lt      pH 7.0      E.C. (Sol. 0.1%) 860 µS/cm

**STATE** Solid      **APPLICATION** Foliar and soil

**DOSES, WAY, TIME OF APPLICATION**

Crops	Application rate	N° and time of applications
Fruit trees, leafy vegetables, vegetables, flowers, ornamental shrubs and trees, lawns industrial plantings	Soil greenhouse: 6-8 g/m <sup>2</sup>  Soil open ground: 30-40 kg/ha  Foliar: 0,8-1,5 kg/hl (8-15 kg/ha)	Applications repeated at 15-20 days interval, during the first vegetative phases, after fruit-setting and in the first phases of fruit development

**PACKAGING** 25 kg bag

**NOTES** MAGNESIO NITRATO is used with success in root applications, added to organic products (AMINOTON, LONITE, MIXAMIN, BIOLINFA), in foliar applications added to ALBAMIN.  
It is useful to use MAGNESIO NITRATO with the other water-soluble fertilizers (NUTRIGOLD, AMINOLEAF) with a low nitrogen content.

**WARNING** The product is stable from +5°C to +35°C. It must be kept in airy, cool, dry places, far from sources of heat/ignition and it must be protected from sunlight.