



PROMET Mg[®]

Magnesium complexed with amino acids

CHARACTERISTICS

PROMET MG is a liquid fertilizer formulated with magnesium tied to amino acids of natural origin and created specifically for foliar applications.

EFFICACY

- ✓ *Allowed in biological agriculture*
- ✓ *Prevents and cures magnesium deficiencies*
- ✓ *Easy to be absorbed and highly efficient*
- ✓ *Easy to measure and use*

Magnesium is an essential element for the growth of plants. It is the single mineral element that helps in producing chlorophyll, the molecule responsible of photosynthesis and the colour green in vegetables. It's the specific activator of many enzymes involved in the metabolism of carbohydrates, nitrogen, proteic synthesis and the synthesis of fats. Sandy soils, soils with high potassium and manganese content, and calcareous soils with a calcium/magnesium ratio exceeding 6:1 are in need of an adequate supply of magnesium to guarantee high qualitative-quantitative production. The deficiency of magnesium appears with internervation chlorosis and a reduction of photosynthesis that causes a slow down and pause in the growing process. PROMET MG is a fertilizer characterized by high biological efficacy. In the crop it facilitates absorption and the translocation of magnesium. Because permeability is increased by the amino acids tied to the metal, it supplies the crops natural molecules - the amino acids - readily available for growth, carrying out a biostimulant action without the generation of vegetal luxuriance and phytotoxicity. PROMET MG is used for effective and timely applications in the prevention and correction of nutritional deficiencies. Used in foliar applications, it improves the development, growth, coloration of the vegetation without inducing vegetative luxuriance, and reducing the pathologies from magnesium-deficiency (desiccation of the rachis of the grape, early leaf drop from heat stress in apple trees, internervations chlorosis, desiccation of leaves).

RESULTS

PROMET MG applied during the whole growing cycle, stimulates a harmonic development of leaves, buds and prevents the pathologies from magnesium-deficiency.

COMPOSITION

	% w/w	% w/v
Organic Nitrogen (N)	3,0	3,9
Organic nitrogen (N) soluble	3,0	3,9
Organic carbon (C)	10,0	12,9
Magnesium oxide (MgO) soluble in water	5,3	6,9

SPECIFICATION Density 1290 g/lit pH 4 – 5

STATE Liquid

APPLICATION Foliar

DOSES, WAY, TIME OF APPLICATION

CROPS	DOSIS PER APPLICATION	N° AND TIME OF APPLICATIONS
Fruit trees, vineyards, olives, flowers and ornamental crops, industrial crops	Foliar: 300-400 g/hl 250-300 ml/hl	Apply as many times as necessary when deficiency's symptoms occur, during development and fruit growth, every 15-20 days
Leafy and fruiting vegetables	Foliar: 200-300 g/hl 150-250 ml/hl	

PACKAGING 1 lt bottle (Carton 1 lt x 16)
6 lt can (Carton 6 lt x 2)

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.