



SUPERMAG®

Fertilizer based on magnesium with sulphur and microelements



CHARACTERISTICS

SUPERMAG is a microcrystalline fertilizer with a high content of magnesium, enriched with microelements, suitable both for foliar applications and for soil irrigation. In SUPERMAG magnesium is present as sulphate.

EFFICACY

- ✓ *For foliar applications and for soil irrigation*
- ✓ *It prevents the pathologies from magnesium-deficiency*
- ✓ *High solubility*
- ✓ *It includes microelements*

Magnesium is an essential element for the growth of plants. It is the single mineral element that constitutes chlorophyll, the molecule responsible of photosynthesis and for the green colour of vegetables. It is a specific activator for many enzymes involved in the metabolism of carbohydrates, of nitrogen, of proteic synthesis and synthesis of fats. Sandy soils, soils with a high content of potassium and manganese, and calcareous soils with a calcium/magnesium ratio exceeding 6:1, are in need of adequate amounts of magnesium to guarantee high qualitative-quantitative production. The deficiency of magnesium appears with internervation chlorosis and reduction of photosynthesis that causes the slowing down and a pause in the growing process.

Because of the simultaneous presence of magnesium, sulphur and some microelements (boron, copper, manganese, zinc) SUPERMAG is suitable for effective and timely applications for prevention and correction of nutritional deficiencies. Used both in foliar applications and, in cases of high deficiency, in soil applications, SUPERMAG improves the development, the growth, the coloration of the vegetation without inducing vegetative luxuriance. It reduces the pathologies caused from magnesium-deficiency (desiccation of the rachis of the grape, early leaf drop from heat stress in apple trees, internervations chlorosis, and desiccation of leaves).

RESULTS

SUPERMAG applied during the whole life cycle, stimulates a harmonic development of leaves, buds, and prevents the pathologies caused from magnesium-deficiency.

COMPOSITION

	% w/w
Magnesium oxide (MgO) soluble in water	15
Sulphur trioxide (SO ₃) soluble in water	30
Boron (B) soluble in water	0,4
Copper (Cu) soluble in water	0,1
Manganese (Mn) soluble in water	0,5
Zinc (Zn) soluble in water	0,5

SPECIFICATION Solubility 340 g / lt pH (sol 1 %) 6 - 7 E.C. (Sol. 0.1%) 700 μ S/cm

STATE Solid **APPLICATION** Soil and Foliar

DOSES, WAY, TIME OF APPLICATION

Crops	Time of applications	Dose for each application		N° of applications
Fruit trees, vines, olives, Vegetables, leafy vegetables, flowers, ornamental shrubs and trees, industrial plantings	Leafy development, vegetative renewal, bud growth, development of foliage	Soil-greenhouse: 8-10 g/m ²	2-4 applications repeated at 15-20 day intervals or at appearance of deficiency symptoms	2-4 applications repeated at 15-20 day intervals or at appearance of deficiency symptoms
	After fruit-setting, fruit development, the first period of fructification	Soil open ground: 60-80 kg/ha		

PACKAGING 10 kg bag

NOTES SUPERMAG is employed with success with organic products (ALBAMIN, AMINOTON, MIXAMIN, BIOLINFA).

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.