CRYSTALMAG®

totalmente solubile in acqua

PRODOTTO PER USO PROFESSIONALE



COMPOSITION



100% Magnesium Sulphate

PACKAGING:

- 25 kg bag on a 1000kg pallet

CHARACTERISTICS:

CRYSTALMAG® is characterized by a high concentration of Magnesium and Sulphur, as well as maximum purity in its components.

- acid formula in water;
- it can be mixed with most pesticides, aside from Copper-derived products. It cannot be mixed with Calcium-based products and in some cases with Phosphorus;
- prompt assimilation, both through the roots and through the leaves;
- use water that is not too hard and/or rich in Calcium and Potassium;
- completely water-soluble, prompt assimilation both through the roots and through the leaves;
- acid reaction in aqueous solution;
- it can be mixed with other water-soluble fertilizers, aside from the ones containing Calcium and Phosphorus;
- its special crystalline granulometry prevents granules compacting and simplifies product usage;
- optimal photosynthetic activity, prevention and treatment of Magnesium deficiencies;
- in grapes improve the sugar concentration.

	pH (25°C)	Ec mS/cm (25°C)
1 gram/litre (% weight/volume)	5,9	0,84
2 gram/litre (% weight/volume)	5,8	1,42
3 gram/litre (% weight/volume)	5,8	2,04
10 gram/litre (% weight/volume)	5,8	5,28
50 gram/litre (% weight/volume)	5,7	18,8

Water temperature (°C)	0	10	20	30	40
Solubility (g/100 H_2O)	24,0	28,2	33,7	39,9	44,5

AVERAGE CONTENTS ON THE SUBSTANCE AS IT IS

Magnesium Sulphate ($MgSO_4$)	16+32
Magnesium (Mg)	16%
Magnesium oxide (MgO) soluble in H_2O	9,6% Mg

Sulphur trioxide (SO_3)	32%
Sulphur trioxide (SO_3) soluble in H_2O	13% S

CRYSTALMAG® is a water-soluble Magnesium Sulphate heptahydrate, in crystalline form. Its high purity allows use both in fertigation and leaf treatments.

CRYSTALMAG® is important during the phase of plant growth and immediately after flowering, that is in critical moments due to Magnesium deficiency.

FERTIGATION: during the preparation of stock solutions, it is necessary to minimize the mixture with Phosphoric acid, MAP and MPK, with the aim of avoiding the formation of precipitates.

It is possible to obtain a reduction in the maximum solubility of the Potassium Nitrate, by mixing it with a Potassium Nitrate. **CRYSTALMAG®** cannot be mixed with Calcium and Phosphorus based products.

LEAF FERTILIZATION: it must be used as a precautionary measure rather than to heal, since it has a lower rate of solubility and efficiency in leaf absorption.

The correct concentration to use is 0,5 - 1% with 1 - 2 treatments for each specific phenological stage, using the so-called "normal" water volumes.

On grapevine and citrus fruits, concentration can be increased to 1 - 2%.





CRYSTALMAG®

WARNING Apply the outmost care during usage: the product can stain when in contact with surfaces such as marble, ceramics, glass, leather, terracotta, etc.

CRYSTALMAG® does not underline specific contraindications during the phase of mixing with traditional water-soluble fertilizers (aside from Phosphate fertilizers, fertilizers containing Calcium) and pesticides, aside from copper products and the ones with high alkaline reaction; in case of doubt, it is recommended to make a little blending to verify stability and potential sensibility in the crops.

The responsibility of the producer is explicitly restricted to guarantee the quality of the product in its original packaging.

Abovementioned doses have indicative value and can vary in relation to pedoclimatic characteristics of each area (fertility: chemical, physical and biological; rainfall and temperature).

Keep in a sheltered dry place.
Keep out of reach of children and animals

The analytical data written on packaging follow the instruction of the regulation in force. All data included in this publication are indicative. DELTA srl reserves the right to change them without prior notice.

Properly dispose of packaging.
Only for professional use.

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