

Mag 15 MZ

MESO & MICROELEMENTS

Magnesium and microelements to counter nutrient deficiency-related disorders

Provides highly assimilable magnesium and microelements

Reduces the onset of physiopathies caused by nutritional imbalances

Enhances the green colour of leaves and improves fruit colouring



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Mag 15 MZ

Characteristics

Mag 15 MZ is a new fertilizer formulated to supply magnesium (Mg), sulfur (S), manganese (Mn), and zinc (Zn), essential elements for balanced crop nutrition. Thanks to the exclusive **MICRO CHEM®** technology, based on the use of selected physioactivators, the nutrients are absorbed quickly and efficiently, maximizing the agronomic effectiveness of the product. Magnesium, a key element in chlorophyll, is essential for photosynthesis and it helps intensify the green colour of leaves, improves fruit pigmentation, and promotes the assimilation and translocation of phosphorus (P) and potassium (K) to apical meristems and storage organs. Sulfur (S), a vital component of sulfur-containing amino acids and proteins, plays a central role in many biochemical processes, contributing to free radical detoxification, sugar mobilization, and increased protein content in the yield. Zinc and manganese are essential micronutrients for protein synthesis and photosynthesis. The application of **Mag 15 MZ** helps to prevent and counter symptoms of nutritional deficiency such as: interveinal, marginal, basal, or generalised chlorosis, stunted growth, dwarfism, lack of shoot elongation, leaf drop (phylloptosis), small or rosetted leaves, and leaf deformations.

Composition

Water-soluble magnesium oxide (MgO)	15,0%
Total manganese (Mn)	0,7%

Raw materials: magnesium sulphate, manganese salt, zinc salt.

Water-soluble sulfur trioxide (SO ₃)	30,0%
Total zinc (Zn)	0,7%

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE g/hl*
Fruit trees	From the vegetative restart to fruit setting	300-350
Horticultural crops	Throughout the entire crop cycle	250-300
Ornamentals and nurseries	From the beginning of the vegetative cycle and in phases that favor stress	150-250
Industrial crops	Throughout the entire growth cycle and in phases that favor stress	300-350
CROPS	FERTIGATION APPLICATION	DOSE kg/ha*
Fruit trees	Throughout the entire crop cycle	50-60
Horticultural crops	Throughout the entire crop cycle	10-20
Ornamentals	Throughout the entire crop cycle	12-17 kg/1000 m ²

*The doses are indicative and should be adjusted based on the characteristics of the area and the specific needs of each crop.

Formulation

Water-dispersible microgranules

Packaging

10-25 kg

pH (sol. 6 %)

~ 6,0

Conductivity (sol. 10 %)

~ 32,7 dS/m

Warnings

When mixed with other products, it is recommended to test preliminary compatibility and miscibility on a small number of plants, adjusting dosages in case of sensitivity or for crops not explicitly listed. Avoid mixing with mineral oils, oily products or copper based formulations.

Technical Notes



FOLIAR
APPLICATION



FERTIGATION
APPLICATION



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