

Phos Mg

Activator of defense mechanisms

EC FERTILIZER

NP FERTILIZER SOLUTION WITH MAGNESIUM

PHOS Mg is a magnesium, phosphorus, and nitrogen-based fertilizer designed to rapidly prevent and correct phosphorus and magnesium deficiencies. It features exceptional upward and downward systemic mobility, allowing nutrients to quickly reach all parts of the plant.

The magnesium and phosphorus—fully assimilable via both foliar and root uptake—enable the product to promote flowering, bud break, and root system development. The nitrogen contributes to the formation of proteins, nucleic acids, and amino acids, generally improving the plant's nutritional status. Thanks to its special formulation, PHOS Mg stimulates the plant to produce phytoalexins, which act as an endogenous defense mechanism against fungi and bacteria.

- Prevents phosphorus and magnesium deficiencies.
- Boosts the plant's self-defense mechanisms.
- Improves nutrient uptake.
- Highly assimilable via both foliage and roots.
- Excellent systemic translocation within the plant.

COMPOSITION (% w/w)

Total Nitrogen (N) 3%
Ureic Nitrogen (N) 3%
Phosphorus Pentoxide (P₂O₅) 25
Water-soluble
Magnesium (Mg) 6

PHYSICAL PROPERTIES

pH (1% solution) 2.3
Density (g/ml, 20°C) 1.3
Color Colorless

FORMULATION

Soluble liquid

PACKAGING

Bottle 1 kg
Canister 6 kg
Canister 25 kg

SHIPPING UNIT

16 x 1 kg packs
4 x 6 kg packs
32 x 25 kg packs

APPLICATION

Foliar
Root/Soil



1 kg



6 kg



25 kg

MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Foliar	Fruit and Vine Crops / Vegetable Crops / Ornamental Crops / Industrial Crops	2 – 3 applications throughout the cycle	200 – 300 g/100 L of water
Radical	Fruit and Vine Crops / Vegetable Crops / Ornamental Crops / Industrial Crops	2 – 3 applications throughout the cycle	6 – 8 kg/ha

Precautions: Shake the product well before use. Conduct preliminary tests before mixing with other products. Adhere to the specified dosages. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in well-ventilated areas at temperatures between +5°C and +35°C.

