

Kelat Mg

Catalyst for photosynthetic processes

EC FERTILIZER MAGNESIUM CHLORIDE SOLUTION

KELAT Mg is a magnesium-based solution enriched with citric acid and EDTA; these agents complex and transport the magnesium, thereby enhancing its assimilation. Magnesium is an essential plant nutrient and the central component of chlorophyll. Adequate magnesium nutrition maximizes photosynthetic efficiency, resulting in greener, more vibrant leaves — neutralizes free radicals produced during photosynthesis (making plants more resilient to oxidative stress), and ensures proper sugar distribution throughout the plant while stimulating root growth.

- Prevents and treats chlorosis caused by a deficiency of this secondary nutrient.
- Higher yields and superior quality.
- Effective at any stage of the crop cycle.
- Suitable for both foliar application and fertigation.

COMPOSITION (% w/w)

Magnesium oxide (MgO) 13%

PHYSICAL PROPERTIES

pH (1% solution) 5.2

Density (g/ml, 20°C) 1.3

Color Mint green

FORMULATION

Soluble liquid

PACKAGING

1 kg bottle

6 kg container

25 kg container

1300 kg tank

SHIPPING UNIT

16 x 1 kg packs

4 x 6 kg packs

32 x 25 kg packs / 1300 kg

pallet

APPLICATION

Foliar

Root/Soil



MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Foliar	Fruit, vegetable, and ornamental crops; industrial crops.	2–4 applications throughout the cycle	200 – 300 g/100 L of water
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	2–4 applications throughout the cycle	25 – 30 kg/ha

Precautions: Avoid mixing with strongly alkaline products. Shake the product well before use. Conduct preliminary tests if 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.