

## PROPERTIES

MagneKal is a liquid, acidic reaction foliar fertilizer containing magnesium and potassium in a fully ionic and soluble form. Its innovative technology allows magnesium and potassium ions to remain stable and biologically active until fully absorbed by plant tissues. MagneKal's main characteristic is its good penetrating ability when sprayed foliarly. It is highly effective, immediately and significantly increasing the magnesium content of plants while supplementing soil nutrition with potassium. It does not stain or discolor the sprayed plant and organs.

MagneKal is primarily used for the prevention and treatment of magnesium deficiency in plants. This is common in soils with low magnesium mineral content and in acidic, sandy soils where magnesium is easily and quickly leached. It is also common in soils with excessive and imbalanced concentrations of potassium and calcium. Finally, increased salinity, excessive potassium fertilization and the addition of manure often cause or intensifies magnesium deficiency.

Magnesium is an important component of chlorophyll and therefore contributes to photosynthesis and the quality and quantity of plant production. It also plays a significant role as an activator of many enzymes while being involved in the metabolism and distribution of carbohydrates, the synthesis of nucleic acids and the increase in phosphorus absorption and distribution.

Magnesium deficiency manifests as yellow discoloration between the veins of older leaves. MagneKal provides magnesium to plants quickly and effectively, allowing for the restoration of their normal growth and productivity. Additionally, MagneKal provides supplementary and balanced potassium nutrition, which is essential for fruit-bearing plants.

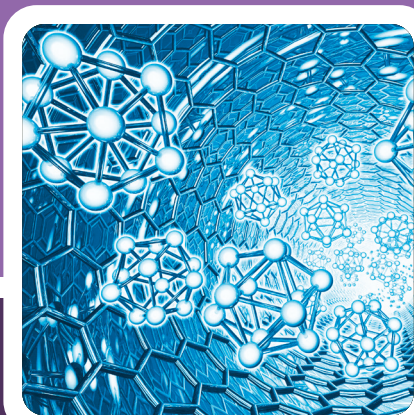
## APPLICATION METHOD AND TIMING, CROPS

MagneKal is applied to all crops such as vegetables, strawberries, potatoes, legumes, field crops, arable crops, fruit trees, nut trees, citrus, kiwi, vines, olives, pomegranates, ornamentals and turfgrass, preventively or therapeutically during the germination period. It is applied through soil drenching or foliar spraying (foliar application), with universal and uniform wetting until runoff.

## COMPATIBILITY

It can be combined with most fertilizers and plant protection products. However, small-scale mixing tests should be conducted with products containing calcium to prevent the formation of precipitates.

## MAGNESIUM & POTASSIUM FERTILIZER FOR PREVENTION & TREATMENT OF NUTRIENT DEFICIENCIES



1L

**MagneKal**<sup>®</sup>  
IONIC MAGNESIUM AND POTASSIUM

Prevention • Treatment of Nutrient  
Deficiencies Magnesium & Potassium Fertilizer EC

GUARANTEED COMPOSITION	w/v	w/w
Water Soluble Magnesium (Mgo).....	9,18%	7,06%
Water Soluble Potassium (K <sub>2</sub> O).....	3,78%	2,90%
Water Soluble Sulphur (SO <sub>3</sub> ).....	18,76%	14,43%

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## DOSAGE

**Foliar Spray:** 75-150ml of MagneKal per 100 liters of water, depending on the needs of each crop.

**Soil Drenching:** 150-300ml of MagneKal per acre.

Repeated applications with small doses are recommended rather than one or a few applications with large doses. Avoid exceeding the recommended doses.

## STORAGE CONDITIONS

• Store in its original packaging, at temperatures above -4°C degrees Celsius, in a closed warehouse, protected from extreme temperatures, fire, and humidity.



## CANADIAN TECHNOLOGY

Manufactured at 80 km of the national road Athens - Lamia, Ypato Boeotia.

AGROCURE (tel. 2310 797.262, email: [info@agrocure.com](mailto:info@agrocure.com)) guarantees the quality of the product, but is not responsible for the consequences of improper use. Therefore, carefully read the label before use.

## HAZARD STATEMENTS

**H314:** Causes severe skin burns and eye damage.

## PRECAUTIONARY STATEMENTS

**P102:** Keep out of reach of children.

**P270:** Do not eat, drink, or smoke when using this product.

**P280:** Wear protective gloves/protective clothing and eye/face protection.

**P301+P330+P331:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. **P303+P361+P353:** IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.

**P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P310:** Immediately call a POISON CENTER/doctor.

**P405:** Keep locked up.

Contains: Potassium sulfate, Magnesium sulfate

UFI: 6WHA-T1AE-600H-T2AA

**DANGER**  
POISON CENTER:  
+30 210 77.93.777



**CAUSES SEVERE  
SKIN BURNS  
AND EYE DAMAGE**

RESPONSIBLE FOR DISPOSITION  
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