

MAGNESIUM PHLOEM™

LIQUID MAGNESIUM FOR FOLIAR APPLICATION



DESCRIPTION

MAGNESIUM PHLOEM™ is a liquid chelated magnesium (Mg), specifically formulated for better uptake.

KEY BENEFITS

- MAGNESIUM PHLOEM™ contains organically chelated magnesium for better uptake
- Can be applied both as a foliar fertiliser or through the fertigation system
- Suitable to be used on a wide range of crops
- Single element application to correct magnesium deficiencies
- Increases photosynthetic activity
- Aids with protein synthesis, as a component of chlorophyll
- Improved crop quality and yield
- It is suitable for use in combination with other macronutrients



POSITIONING AND FUNCTIONS

MAGNESIUM PHLOEM™ is used in a wide range of crops to correct deficiencies and to provide magnesium during plant growth periods that requires relative high levels of magnesium. This product will greatly facilitate both shoot and root growth in young plants when magnesium is deficient.

Magnesium is an essential macronutrient that plays a critical role in various functions within the plant, which have substantial effects on root and shoot growth and yield. The central atom of the chlorophyll molecule is magnesium and therefore plays a vital role in photosynthesis by biochemically utilizing the absorbed light energy, and simultaneously, decreasing the formation of reactive oxygen species which are damaging to leaf tissue.

Magnesium aids and activates specific enzyme systems and is also essential for, cell division, protein formation and respiration. It also facilitates the phloem transport of carbohydrates and improves the production of oils and fats. Magnesium is somewhat mobile in the plant and inhibition of root growth is generally the first deficiency symptoms that will appear before older leaves show interveinal chlorosis and slow growth. Magnesium deficiencies are most likely to occur in acid sandy soils as well as calcareous soils with a high pH on high performing crops.

CONTAINS

Mg Magnesium (Mg) = 5.60%

REGION
NEW ZEALAND

TYPE
Liquid

APPLICATION
• Foliar
• Fertigation

PACKAGING
10ℓ

CROPS

- Fruit trees and vines
- Vegetables
- Cotton
- Tree nuts
- Pastures
- Broadacre crops

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