

# NutriMag



- Magnesium is very mobile in plants and translocated from older to younger leaves. So, deficiency symptoms appear first on the oldest tissues.
- Magnesium is absorbed by plants during the entire growth period, though the biggest amount is absorbed during the most intensive vegetative development of the crop.
- High yield relies on optimal content of magnesium in plants.

## Key Benefits:

- Magnesium is the main constituent of the chlorophyll molecule, participating directly in photosynthesis.
- Brings uniform maturity and involved in the formation and movement of sugar in the plant
- Improves phosphorus absorption and transport.

## Magnesium Deficiencies

- Since magnesium is mobile within the plant, deficiency symptoms appear on lower and older leaves first. The first symptom is pale leaves, which then develop interveinal chlorosis. In some plants, reddish or purple spots will appear on the leaves.
- Magnesium deficiency leads to a reduction in yield. It also leads to higher susceptibility to plant disease.
- The expression of symptoms is greatly dependent on the intensity to which leaves are exposed to light. Deficient plants that are exposed to high light intensities will show more symptoms.

## Reasons for Mg deficiency

- In a very wet, cold and/or acidic root environment.
- In Long-term unbalanced crop fertilization (NPK) leads to Mg<sup>2+</sup> depletion, cation competition, and subsequent Mg<sup>2+</sup> leaching
- In heat stress, droughty soil, High levels of competing elements, such as K—potash (as plants take up potassium in preference to magnesium), calcium (Ca), ammonium (NH<sub>4</sub>), and sodium (Na) leads to Mg deficiency

**Foliar Application:** 1.0 ml/Liter of water

## SHAKE WELL BEFORE USE

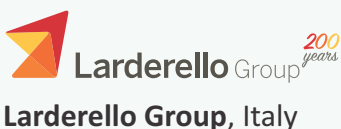
**Direction for use:** Continue agitation during spraying.

**Tank mixing/co-application:** Always carry out "Jar test" before mixing NutriMag with other products. Co-application is entirely at the risk of the end-users.

**Caution:** Do not exceed the appropriate application rate. Do not spray under hot and bright days. Always Use PPE. Do not empty into drains and waterways. Dispose of empty container in a safe way.

**Storage:** Do not expose to direct sunlight or high temperature (above 30° C). Use the container fully, once opened. Keep away from food, drink, animal feedstuff and children

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