

# AMINA-Mag

**AMINA-Mag** is a liquid fertilizer which contains magnesium, nitrogen and amino acids. The nitrogen it contains is in nitrate and organic form. Due to its synthesis, **AMINA-Mag** is easily and directly assimilated by plants and therefore it achieves a fast correction of magnesium deficiencies and an enhancement of plants growth. At the same time **AMINA-Mag** increases the levels of chlorophyll and therefore it enhances photosynthesis and the production and transportation of carbohydrates inside the cellular structures of the plant. For this reason the regular application of **AMINA-Mag** is necessary in dynamic crops in order to achieve high yields.

**MAGNESIUM** is a structural element of the molecule of chlorophyll, which is indispensable for the procedure of photosynthesis. It also activates many enzyme systems that are involved in the formation of fruits and in the production of sugars and fats. Magnesium deficiency creates chlorotic spots on the lowest leaves while the margin of the lamina remains initially green.

**AMINO ACIDS** are fundamental components of proteins and the raw material for the biosynthesis of a large number of organic compounds inside the plant. In addition amino acids contribute to the increased permeability of the cell membranes which means higher nutrient uptake by the plant tissues.

## Application rates

**Foliar application:** 1-2.5 l per 100 l of water

**Soil application:** 40-80 l per ha

STANDARD ANALYSIS	(% w/w)	(% w/v)
Magnesium (MgO)	7.50	9.30
Nitrogen (N)	6.10	7.60
Nitrate-N	5.20	6.50
Organic-N	0.90	1.10
L-Amino acids	5.00	6.20

## PROPERTIES - USES

**AMINA-MAG** can be used in all crops offering the following benefits:

- ★ Corrects quickly and efficiently magnesium deficiencies.
- ★ Stimulates the process of photosynthesis and therefore plant growth.
- ★ Provides high yields to the grower.
- ★ Increases the firmness of fruits.
- ★ Improves the qualitative characteristics of the harvest.



**HUMOFERT**

