

# BIOTA Mag 5%

## COMPOSITION

	<u>% w/w</u>	
Magnesium (MgO)	5 %	Appearance: Liquid
Sulfate	5 %	Color: Light brown
Amino acids	1 %	pH: 4.5 - 5
Organic matter	15 %	Specific gravity (g/cc): 1.1 – 1.12

## DESCRIPTION

Magnesium is absorbed by the roots of the plant as magnesium ion (Mg<sup>2+</sup>). The magnesium ion plays an important role in the development chlorophyll, which gives the leaves on plants a healthy green color.

Also, magnesium is indispensable for the process in which amino acids are converted into proteins.

With a good intake, the magnesium content in a plant can rise to 3%.

Due to the natural origin the nutrient content may vary.

## BENEFITS

- Very suitable for use in irrigation systems
- Can be administered as leaf fertilizer
- Stimulates the production of chlorophyll
- Constant dry matter content in emerging leaves
- Stimulates enzymatic processes in the plant
- Promotes crop growth

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## APPLICATION

It is advised to always have an expert make a fertilization plan and to start with a test application. No guarantees can be given in the event of incorrect use.

APPLICATION	DOSE	INDICATION
IRRIGATION	20 – 25 l/ha	Up to 4-8 applications, or follow recipe
FOLIAR APPLICATION	4 - 5 cc/liter	Up to 2-5 applications

CROP	APPLICATION
Vegetables	During the vegetative development of the crops, or follow recipe
Cotton	During the vegetative development of the crops, or follow recipe
Corn	During the vegetative development of the crops, or follow recipe
Citrus and fruit trees	During the vegetative development of the crops, or follow recipe
Grapevine and olive	During the vegetative development of the crops, or follow recipe
Ornamental	During the vegetative development of the crops, or follow recipe
Potato	During the vegetative development of the crops, or follow recipe

## STORAGE

Store in a dark and dry location at 10 – 25 °C.

Shelf life 1.5 – 2 years.

## PACKAGING

0.25 – 0.5 – 1 – 10 – 20 – 220 – 1000 L