

**Liquid mineral fertilizer**  
**1,5% Magnesium**  
**24% Magnesium chelate with 10% ammonium nitrate**

#### **APPLICATION OF THE FERTILIZER**

Liquid mineral fertilizer to be applied through the micro irrigation system (drip irrigation system and micro rain) and foliar application.

#### **USE AND EFFECTS**

24% Magnesium chelate with 10% ammonium nitrate can be applied in all stages of growth and development of plants, particularly recommended in the stage of formation and ripening of fruits, when the greatest needs arise. In addition to providing plants with magnesium, 24% Magnesium chelate with 10% ammonium nitrate also meets ammonium nitrate demands, which is necessary for proper nutrition of plants. 24% Magnesium chelate with 10% ammonium nitrate can prevent in great number of crops, perennials in particular, the occurrence of physiological disorder known as chlorosis which is due to magnesium deficiency, and the effect is ensuring proper development of plants, i.e. stable yield of high quality. 24% Magnesium chelate with 10% ammonium nitrate is recommended to apply with the irrigation water. In cases when no micro irrigation techniques are applied, foliar application is recommended. The best effect is achieved through the micro irrigation system and foliar application.

#### **MANNER OF APPLICATION**

##### **Drip irrigation system and watering**

<b>Crop</b>	<b>Period of application</b>	<b>Number of applications</b>	<b>Dosage l/1000 m<sup>2</sup> with 1 application</b>
Vegetable crops	Flowering and initial fruit formation	4 applications every 7-10 days	3-4 l fertilizer with minimum 4,000 l water
Agronomy crops	Beginning of vegetation or fruit formation	2 applications	3 l fertilizer with minimum 3,000-4,000 l water
Fruit crops and grapevine	Fruit formation and growth of fruit-berry*	4 applications every 7-10 days	3-4 l fertilizer with minimum 4,500 l water

\*Fertigation at this stage can begin, provided that the field conditions allow that (dry spring and supply of irrigation water)

##### **Foliar application**

<b>Crop</b>	<b>Period of application</b>	<b>Number of applications</b>	<b>Dosage ml/1000 m<sup>2</sup> with 1 application</b>
Vegetable crops	Flowering and initial fruit formation	3-4 applications every 10-14 days	400 ml fertilizer with 100 l water
Agronomy crops	Beginning of vegetation or fruit formation	2 applications	200 ml fertilizer with 100 l water
Fruit crops and grapevine	Flowering and growth of fruit-berry	3-4 applications every 10-14 days	500 ml fertilizer with 100 l water

The effect of foliar application is better in early morning or evening.

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**NOTE**

It can be mixed with most fertilizers in fertigation solutions except the ones having strong acidic and alkaline reaction. Do not mix it in the same tank with calcium ammonium nitrate and calcium nitrate solutions. It can be used separately or combined with numerous pesticides. Before each use, read the instructions from the manufacturer of protective equipment. Do not mix it with bordeaux mixture and other strong alkaline agents for protection.

**STORAGE**

Store at a temperature higher than +10°C.

**SHELF LIFE**

2 years.

<b>COMPOSITION</b>	
Magnesium (Mg)	(1.5 ± 0.2) %
MgK <sub>2</sub> EDTA	(24.0 ± 2.5) %
NH <sub>4</sub> NO <sub>3</sub>	(9.5 ± 1.0) %