

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

Magnesium nitrate 36% is most frequently recommended in the stage of flowering, and during the formation and ripening of fruits, when the greatest needs arise.

In addition to providing plants with magnesium, Magnesium nitrate 36% also meets the need for nitrogen, which is another important macroelement necessary for proper nutrition of plants. Magnesium nitrate can prevent the occurrence of physiological disorder known as chlorosis in great number of crops, perennials in particular - which results in proper growth of plants, i.e. stable yield of high quality.

Magnesium nitrate 36% is recommended to apply with irrigation water through the micro irrigation system. In cases when no micro irrigation techniques are applied, foliar application is recommended. Having optimal supply with all the nutrients through the soil and optimal soil moisture provided, foliar application gives excellent result.

MANNER OF APPLICATION

Drip irrigation system and watering

Crop	Period of application	Number of applications	Dosage l/1000 m² with 1 application
Vegetable crops	Flowering and initial fruit formation	4 applications every 7-10 days	6 l fertilizer with minimum 4,000 l water
Agronomy crops	Beginning of vegetation or fruit formation	2 applications	4 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	6 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

Crop	Period of application	Number of applications	Dosage ml/1000 m² with 1 application
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	300 ml fertilizer with 100 l water
Fruit crops and grapevine	Flowering and growth of fruit-berry	3-4 applications every 10-14 days	400 ml fertilizer with 100 l water

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

NOTE

Liquid mineral fertilizer
Magnesium nitrate 36%

It can be mixed with most fertilizers in fertigation solutions. It can also be mixed with numerous pesticides by dissolving the pesticides first and adding the fertilizer afterwards. Before each use, read the instructions from the manufacturer of protective equipment.

STORAGE

Store at a temperature higher than +10°C.

SHELF LIFE

5 years.

COMPOSITION	
Total nitrogen (N)	(6.8 ± 0.2) %
Magnesium (MgO)	(9.87 ± 0.3) %
Mg(NO ₃) ₂	(36.0 ± 1.0) %