

Essentials | Straights
Magnesium products

Magnesium Nitrate 37% Liquid



Composition (%w/w)

Total Nitrogen	7%
Nitric Nitrogen	7%
Magnesium Oxide	10%

Agronomical Targets



Compatibility

Compatible with other fertilizers.

Packaging



Van Iperen Magnesium Nitrate 37% Liquid is a pure and highly concentrated liquid Magnesium fertilizer. Our product is a transparent, stable solution and is recommended as of vegetative growth and during production stages. The high level of Magnesium contributes to the production of chlorophyll. The presence of Nitrogen has a positive effect on the uptake of Magnesium in the plant.

- Improves leaf colour
- Developed for fertigation in greenhouses and for foliar application

Product Characteristics

- Low on heavy metals
- Low on Sodium and Chloride
- Low crystallization temperature
- Production process certified according to ISO 9001:2015
- Colourless - Light yellow liquid

Did you know?

Magnesium and Potassium are antagonist nutrients. We often see heavy Magnesium deficiencies when high quantities of Potassium are applied. Therefore, it is important to well manage Magnesium applications in high yielding crops and in soils with high Potassium content. Van Iperen offers adequate Magnesium solutions for all growing conditions.

Let's make the green switch!

We are Van Iperen International a Dutch producer of Specialty Fertilizers and Biostimulants. We are eager to change the rules of the game in plant nutrition, by providing highly innovative solutions to growers for more sustainable agriculture. Your local Van Iperen Sales Manager will help you and guide you to make the green switch together.

www.vaniperen.com

Dosage | Hydroponics

L in 1.000 l stock solution	MgO in kg	Total N in kg	N-NO ₃ in kg
25	3,37	23,5	23,5
50	6,75	47,0	47,0
75	10,12	70,5	70,5
100	13,50	94,0	94,0

Mentioned concentrations represents the amount of nutrients in the stock solution. The final concentration in the irrigation water depends on the amount of nutrients in the stock solution, the injection ratio and the amount of nutrients used in the water.

Dosage | Foliar application

Crop	Application date	Min L/ha/appl	Max L/ha/appl	Conc. % (v/v)
Fruit trees 	3 - 4 applications: • As of end of flowering • 10 - 14 days interval	4	9	0.5 - 1.5
Cereals 	1 - 2 applications: • As of stem elongation • Until flowering starts	4	7	1.0 - 1.5
Citrus 	2 - 4 applications: • Spring application • As of vegetative growth	6	11	1.0 - 2.0
Olive 	2 applications: • During flower bud opening • During fruit setting	4	10	0.5 - 2.0
Corn 	1 - 2 applications: • As of 5 - 6 leaf stage • 10 - 14 days interval	4	7	1.0 - 1.5

In case of foliar feeding as part of a mix with crop protection products or other fertilizers, a compatibility test has to be done prior to preparing the spray-mix.

The mentioned indicated dosages and application stages are given as a guideline. Exact dosages, concentration and application stage are subject to local conditions, use of other fertilizers and can only be given after an objective diagnosis.