STRAIGHTS | MAGNESIUM PRODUCTS

# Magnesium Nitrate 37% Liquid




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

## Composition (%w/w)

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

## Compatibility

Compatible with other fertilizers.

## Packaging




## 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

## 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.



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**Did you know?**
Van Iperen offers a wide range of Magnesium products! Our Magnesium range consists of high quality soluble and liquid products. Together with our chelated Magnesium fertilizers we provide solutions for foliar application and fertigation in open field and high-tech soilless crops. The Van Iperen Magnesium products are part of the extended range of Iperen Specialty Fertilizers.

Where Nutrition meets Biostimulation™

Van Iperen International is a Dutch producer of Specialty Fertilizers. We offer you the widest range of fertilizers combining nutrition with biostimulation. For more information please contact your local Van Iperen Sales Manager or visit our website:

**www.vaniperen.com**

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## Dosage | Foliar application

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

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