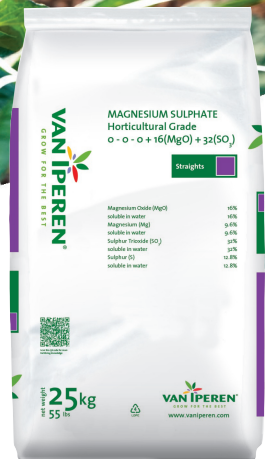


Essentials | Straights  
Magnesium products

# Magnesium Sulphate Horticultural Grade



## Composition (%w/w)

Magnesium Oxide	16%
Magnesium	9.6%
Sulphur Trioxide	32%
Sulphur	12.8%

## Agronomical Targets



## Compatibility

Compatible with other fertilizers, with the exception of Calcium fertilizers. Therefore a separate tank is needed or fertilizers should be applied on different times.

## Packaging



Van Iperen Magnesium Sulphate Horticultural Grade is a highly pure Magnesium fertilizer which dissolves rapidly and completely. Our product has a limited caking sensitivity and is recommended as of vegetative growth and during production phases. The high level of Magnesium contributes to the production of chlorophyll. The absence of Sulfur is highly valued to the plant especially in early growing stages.

- Improves leaf colour
- Developed for fertigation in open field and greenhouses. Also suitable for foliar application

## Product Characteristics

- Low on heavy metals
- Low on Sodium and Chloride
- White crystals



## 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](http://www.vaniperen.com)

## Dosage | Hydroponics




kg in 1000 l stock solution	MgO in kg	SO <sub>3</sub> in kg
75	12,0	24,0
100	16,0	32,0
125	20,0	40,0

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 | Fertigation

Crop	Application date	Min kg/ha/season	Max kg/ha/season
Fruit trees 	• As of end of flowering	150	250
Vegetables 	• During vegetative growth	150	300
Vineyards 	• As of leaf bud opening • Until beginning of flowering	100	150

## Dosage | Foliar application

Crop	Application date	Min kg/ha/appl	Max kg/ha/appl	Conc. % (w/v)
Fruit trees 	3 - 4 applications: • As of fruit setting • 10 - 14 days interval	3	5	0.5
Vegetables 	1 - 3 applications: • As of vegetative growth • 10 - 14 days interval	5	10	1.0
Corn 	1 - 2 applications: • As of 4 - 6 leaves stage • 10 - 14 days interval	3	6	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.