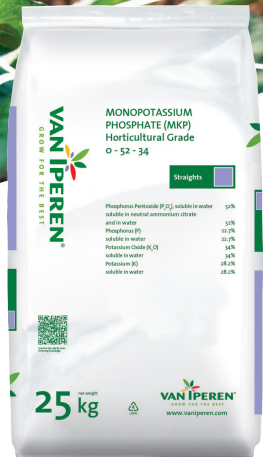


Essentials | Straights  
Phosphate products

# Monopotassium Phosphate (MKP) Horticultural Grade



## Composition (%w/w)

Phosphorus Pentoxide	52%
Potassium Oxide	34%

## 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 Monopotassium Phosphate (MKP) Horticultural Grade is a highly pure Phosphate fertilizer, which dissolves rapidly and completely. Our product has a limited caking sensitivity and is recommended during root and shoot development in early stages, up until flowering and early fruit set. The high level of Phosphate in our formula increases cell division and development of new plant tissue. The presence of Potassium plays an important role in protecting the plant from early stress, as well as providing a good support for the fruits in early fruit set.

- Improves root and shoot growth
- Limits vegetative growth as of fruit setting
- Developed for fertigation in open field and greenhouses. Also suitable for foliar application

## Product Characteristics

- Low on heavy metals
- Low on Sodium and Chloride
- Production process certified according to ISO 9001:2000





## Did you know?

Phosphate is crucial for the energy cycle of the plant. It is therefore needed in small quantities throughout the entire cycle. Split applications and localization are key factors for a successful Phosphate nutrition. This still remains a big challenge due to Phosphate fixation in all type of soils. This is why at Van Iperen, we propose IPE® Technology for an Increased Phosphate Efficiency. Van Iperen offers adequate Phosphate 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	P <sub>2</sub> O <sub>5</sub> in kg	K <sub>2</sub> O in kg
100	52,0	34,0
125	65,0	42,5
150	78,0	51,0

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
Vegetables 	• As of transplanting	100	250
Fruit vegetables 	• As of transplanting • Until fruit setting	150	300
Banana 	• During entire fertigation program	200	300

## Dosage | Foliar application

Crop	Application date	Min kg/ha/appl	Max kg/ha/appl	Conc. % (w/v)
Banana 	2 - 4 applications: • As of plant establishment • Until 12 leaves stage • During shooting stage	6	15	1.0 - 2.0
Citrus 	1 application: • During fruit filling	6	15	1.0 - 2.0
Olive 	2 - 4 applications: • Until flower bud opening	10	18	1.0 - 2.0

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.