

Essentials | Straights
Potassium products

Potassium Nitrate Horticultural Grade



Composition (%w/w)

Total Nitrogen	13%
Nitric Nitrogen	13%
Potassium Oxide	46%
Potassium	38.2%

Agronomical Targets



Compatibility

Compatible with other fertilizers.

Packaging



Van Iperen Potassium Nitrate Horticultural Grade is a highly pure Potassium fertilizer, which dissolve rapidly and completely. Our product is not sensitive to caking and is recommended during fruit or tuber development. The high level of Potassium plays an important role in achieving higher yields with optimal quality, and affects overall plant performance. Furthermore, the presence of Nitrate Nitrogen has a positive effect on the uptake of Potassium in the plant and is crucial during fruit sizing.

- Improves fruit quality, shelf life and increases plant drought resistance
- 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?

Potassium is the most consumed nutrient by the plant. Depending on the formulation (sulfate, nitrate, thiosulfate...), Potassium is more or less quickly available for uptake. The formulation choice for a given phenological stage is therefore crucial to achieve optimum marketable yield (taste, color and shelf life). Van Iperen offers adequate Potassium 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

kg in 1000 l stock solution	K ₂ O in kg	Total N in kg	N-NO ₃ in kg
100	46	13	13
150	69	19.5	19.5
200	92	26	26
250	115	32.5	32.5

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 	<ul style="list-style-type: none"> As of start of fertigation Until 4 weeks before harvesting 	150	400
Vegetables 	<ul style="list-style-type: none"> As of vegetative growth Until 2 weeks before harvesting 	100	300
Banana 	<ul style="list-style-type: none"> During entire fertigation program 	200	500

Dosage | Foliar application

Crop	Application date	Min kg/ha/appl	Max kg/ha/appl	Conc. % (w/v)
Vegetables 	<ul style="list-style-type: none"> 2 - 4 applications: As of fruit setting 10 - 14 days interval 	4	8	0.5 - 1.0
Citrus 	<ul style="list-style-type: none"> 1 application: During fruit filling 	6	15	1.5 - 2.5
Banana 	<ul style="list-style-type: none"> 5 - 9 applications: As of transplanting Until fruit filling 	6	15	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.