

Essentials | Straights
Potassium products

Potassium Sulphate (SOP) Horticultural Grade



Composition (%w/w)

Potassium Oxide	> 51%
Potassium	> 42%
Sulphur Trioxide	> 45%
Sulphur	> 18%

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 Potassium Sulphate (SOP) Horticultural Grade is a highly pure Potassium fertilizer, which dissolves rapidly and completely. Our product is not sensitive to caking and is recommended during fruit or tuber development and up until maturation, and during coloring of fruits. The high level of Potassium in our formula plays an essential role in achieving higher quality yields.

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



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	SO ₃ in kg
25	12.7	11.2
50	25.5	22.5
75	38.2	33.7

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 fruit setting Until 4 weeks before harvesting 	150	350
Banana 	<ul style="list-style-type: none"> As of plant establishment During entire fertigation program 	300	500
Citrus (adult) 	<ul style="list-style-type: none"> As of fruit setting Until 4 weeks before harvesting 	200	400

Dosage | Foliar application

Crop	Application date	Min kg/ha/appl	Max kg/ha/appl	Conc. % (w/v)
Fruit trees 	3 - 5 applications: <ul style="list-style-type: none"> As of fruit setting 14 - 21 days interval 	7	10	1.0 - 2.0
Citrus 	3 - 5 applications: <ul style="list-style-type: none"> As of fruit setting 14 - 21 days interval 	9	12	2.0 - 3.0
Olive 	3 - 5 applications: <ul style="list-style-type: none"> As of fruit setting 14 - 21 days interval 	9	12	2.0 - 3.0

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.