

## STRAIGHTS | POTASSIUM PRODUCTS

# Potassium Sulphate (SOP)

## Horticultural Grade



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, shelflife 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

### Composition (%w/w)

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

### 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



### Product Characteristics

- Low on heavy metals
- Low on Sodium and Chloride



### Dosage | Hydroponics

kg in 1000 l stock solution	K <sub>2</sub> O in kg	SO <sub>3</sub> in kg
25	12.7	11.2
50	25.5	22.5
75	38.2	33.7
100	51	45

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.

## Did you know?

Van Iperen offers a wide range of Potassium products! Our Potassium range consists of high quality soluble and liquid products for foliar application and fertigation in open field and high-tech soilless crops. The Van Iperen Potassium 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](http://www.vaniperen.com)

Grow for the best.

## Dosage | Fertigation

Crop	Application date	Min kg/ha/season	Max kg/ha/season
Fruit trees 	<ul style="list-style-type: none"> <li>As of fruit setting</li> <li>Until 4 weeks before harvesting</li> </ul>	150	350
Banana 	<ul style="list-style-type: none"> <li>As of plant establishment</li> <li>During entire fertigation program</li> </ul>	300	500
Citrus (adult) 	<ul style="list-style-type: none"> <li>As of fruit setting</li> <li>Until 4 weeks before harvesting</li> </ul>	200	400
Potato 	<ul style="list-style-type: none"> <li>As of tuber setting</li> <li>Until tuber filling</li> </ul>	100	200
Vineyards (adult) 	<ul style="list-style-type: none"> <li>As of flower bud opening</li> <li>Until 4 weeks before harvesting</li> </ul>	100	250

## 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"> <li>As of fruit setting</li> <li>14 - 21 days interval</li> </ul>	7	10	1.0 - 2.0
Citrus 	3 - 5 applications: <ul style="list-style-type: none"> <li>As of fruit setting</li> <li>14 - 21 days interval</li> </ul>	9	12	2.0 - 3.0
Olive 	3 - 5 applications: <ul style="list-style-type: none"> <li>As of fruit setting</li> <li>14 - 21 days interval</li> </ul>	9	12	2.0 - 3.0
Potato 	3 applications: <ul style="list-style-type: none"> <li>As of 3 weeks after planting</li> <li>10 - 14 days interval</li> </ul>	4	6	1.0 - 3.0
Leafy crops 	3 applications: <ul style="list-style-type: none"> <li>As of 4 weeks after planting</li> <li>Until vegetative growth</li> <li>10 - 14 days interval</li> </ul>	5	8	0.5 - 1.0

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.