



## SoluPotasse®

Soluble fertilizer

*A special grade of Sulphate of Potash for fertigation and foliar sprays*

### Uses

To provide a source of soluble, chloride-free potassium (K) fertilizer for use in irrigation water (fertigation), hydroponics and for foliar spraying.

### Benefits

- SoluPotasse® is highly soluble in water and dissolves more rapidly than traditional glasshouse grade potassium sulphate.
- Provides potassium without also providing nitrogen (N) (as happens with potassium nitrate). This allows a better management of the nitrogen fertilization especially for those crops e.g. soft fruits, which require very moderate N dressings towards the end of their growing cycle in order to achieve the best quality crop.
- Contains sulphur (S) in sulphate form – the only form to be taken up by the plants.
- Very low conductivity (EC) means you can add more K without making the feed too “salty”.

### Chemical/physical data

**Typical analysis:** 0-0-51

**Analytical Method:** Potentiometric

**Appearance:** A fine, white crystalline powder.

**Solubility in water:** 120 g/l (at 25°C)

## Directions for use

**Application rates:** In solution for fertigation/hydroponics add to stock tank and further dilute as required (normally 1:100).

Kg SoluPotasse per 100 litres stock tank solution	Nutrient solution mg/litre K <sub>2</sub> O (K) when diluted 1:100
0.47	24 (20)
0.94	48 (40)
1.87	96 (80)
2.82	144 (120)
3.76	192 (160)
4.71	240 (200)
5.67	288 (240)
6.62	336 (280)
7.59	384 (320)
8.56	432 (360)
9.53	480 (400)

For foliar applications apply 5 – 12 kg per ha per application (usually concentrations of 1.5 – 4 kg per 100 litres of water are sufficient to achieve this rate of application). Crop specific recommendations include:

Grapes. Apply after flowering. 3 – 5 applications of 5 – 10 kg/ha/application

Fruit trees (apples, pears, plums etc) Apply after flowering. 3 – 5 applications 7 – 12 kg/ha/application

Vegetables. (potatoes, tomatoes, peas etc) 3 – 5 applications during the growing season of 5 – 10 kg/ha/application.

## Directions:

In solution the maximum concentration is 10kg per 100 litres of water (100 grams per litre) to make a stock tank solution which is further diluted for irrigation. Continuous stirring and the use of warm water will speed up the dissolution of SoluPotasse. It is recommended that SoluPotasse is dissolved first before adding other fertilizers, especially those containing magnesium. SoluPotasse<sup>®</sup> is not compatible with fertilizers containing calcium which will cause the precipitation of calcium sulphate CaSO<sub>4</sub> (gypsum).

For foliar spraying, fill the tank to <sup>2</sup>/<sub>3</sub> capacity with water. Add SoluPotasse<sup>®</sup> slowly maintaining agitation throughout the process. Complete filling of the tank with water. Check for complete dissolution of SoluPotasse<sup>®</sup> before spraying. Use filters in spray nozzles. Foliar applications should be made when the crops are turgid i.e. either in the evening or early morning but never during the heat of the day. SoluPotasse<sup>®</sup> is compatible with most pesticides and fungicides and other agrochemicals at normally used concentrations (except those containing calcium) but it is recommended to conduct a small scale trial to check compatibility

before embarking on large scale spraying. Recommendations about mixing on the agrochemical instructions should always be fully observed.

## General information

**Packaging:** 25 kg

**Harmonised  
Tariff No:** 3104-30000

**Technical service:** For further information, assistance and access to The Solufeed Advisory Service, please contact Solufeed at the address below.

## Precautions

Detailed health and safety information may be found on the relevant Material Safety Data Sheet (MSDS) available on request from the address below.

## Important

The information in this document has been prepared carefully and is provided in good faith. The application, use and processing of any material together with regulatory compliance is the absolute responsibility of the Buyer. All technical information or other advice provided by the Seller in any form is given without warranty to the full extent provided by law.

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