

Maximum Efficiency in Fertigation,
Foliar Feeding and Hydroponics

solub



ORGANIC WITH HIGH K₂O CONTENT

SOP solub is the potassium sulphate of EuroChem. It is a solid water soluble fertilizer with less than 0.5 % insoluble matter. It is the most concentrated chloride free source of potassium in the market.

Our SOP solub is in form of small crystalline free flowing powder, which dissolves very quickly in water.

Potassium sulphate is ideal for use in greenhouses, fertigation systems and for foliar fertilizer application of cereal, vegetable, fruit, flower and ornamental crops. SOP solub is involved in carbohydrates metabolism. Application of potassium nitrate improves plant resistance to stress conditions.



SPECIFICATIONS

K_2SO_4 0:0:52+45%SO ₃	CONTENT
Potassium Oxide (K₂O)	52 %
Potassium (K)	43.1 %
Sulphur Trioxide (SO₃)	45.0 %
Sulphur (S)	18.0 %
Chloride (Cl)	1.0 % (max.)
EC (0.1 % at 25°C)	1.6 mS/cm
pH (5 % solution)	9.0 - 10.0
Form	crystalline
Color	white

FOR OPTIMAL POTASSIUM AND SULPHUR UPTAKE

- SOP solub is an organic fertilizer, produced in a sustainable and natural process, approved according to regulation (EC) 834/2007 and (EC) 889/2008 for use in organic farming systems.
- K₂O content of minimum 52 %.
- Improves the quality and shelf life of fruits and vegetables, contributes to better accumulation of starch in potatoes, sugar in sugar beet and other root crops, helps strengthen the stems, which prevents crops from drowning.
- Ensures optimum uptake of potassium and sulphur.
- It is also an excellent source of soluble sulphur, containing 18 % of this important secondary macronutrient.
- It is composed exclusively of nutrients and does not contain any element harmful to the crops.
- Our potassium sulphate has a very low salinity index, which limits the risk of having soil salinity problems.
- Available in 25 kg bags and big bags.



IDEAL FOR TOBACCO AND OTHER CHLORIDE SENSITIVE CROPS

- Can be applied in any crop but especially in crops which are sensitive to chloride, such as tobacco and some fruits and vegetables. Our SOP solub contain less than 1 % chloride, no sodium or heavy metals.
- Can be used for hydroponics, fertigation, foliar feeding and any other process where virtually 100 % nutrient fertilizers are required.
- Except to products containing calcium, SOP solub can be mixed with nearly all other water soluble fertilizers.
- It is widely used in fertigation programs in the late stages when potassium is required in high amounts, without too much nitrogen.



FOR MAXIMUM EFFICIENCY IN FERTIGATION

EuroChem water soluble fertilizers consists of a complete range of products that make fertigation even more effective. In times of water shortages and increasing demands on farmers, such fertilizing has become indispensable. It provides considerable water savings and fixed dosage of fertilizers, in addition to providing optimized crop nutrition, resulting in increased crop quality and yields.

That is why we have set the bar particularly high in end-sourcing product development. Our high-quality water soluble fertilizers are all free of chlorine and other undesirable elements, and ensure fast and complete dissolution in water. Furthermore, they are ideally suited for all types of application including fertigation, foliar feeding and hydroponics.

The optimization of nitrogen fertilization is a fundamental aspect of modern, sustainable agriculture, which strives for maximum yields in an environmentally friendly manner, with healthy harvests and assured profitability for farmers. However, the use of fertilizers in drip irrigation requires fertilizers that are completely soluble in water and free of impurities, in order to avoid blockages in the irrigation system.



THE MOST EFFECTIVE WAY TO SUPPLY PLANTS WITH ALL NUTRIENTS



Optimal nutrient uptake for higher yields

The uptake of nitrogen as ammonium lowers the pH value in the root zone, favoring the uptake of phosphorus and a variety of microelements, which are more readily available at acidic pH levels. Our water soluble fertilizers thus lead to increased root formation and better nutrient assimilation, which also contributes to increased yields.

Better crop quality

Our water solubles also improve certain aspects of crop quality, including a reduced nitrate content of the leaves and fruit, a more uniform size, increased consistency, improved color and better conservation.

More environmentally friendly

Applying soluble fertilizers reduces the water contamination by nitrates as well as the emission of nitrogen gases into the atmosphere.

Improved flowering and fruit setting

Ammonium uptake promotes the synthesis of a number of plant hormones (gibberellins, cytokinins and polyamines), which are responsible for flowering, thus ensuring greater setting, which in turn leads to increased yields.



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