



# Krista™ SOP

## Soluble grade Potassium Sulphate

Potassium (K <sub>2</sub> O)	52.0%	Solubility (20°C)	12,4 g/100 cm <sup>3</sup>
Potassium (K)	43.0%	EC (1g/l at 25°)	1.3 mS/cm
Sulphate (SO <sub>4</sub> )	54.0%	pH (1% solution)	4.5
Sulphate (S)	18.0%		

### Krista™ SOP in Fertigation

In fertigation, accurate control of the supply of every nutrient is a key to nutrition management.

KRISTA™ SOP is a chlorine-free, water-soluble fertilizer that also provides the crop with sulphur, an essential secondary macronutrient. As it is free of other macro-nutrients, KRISTA™ SOP is a useful tool that allows the application of potassium at the requested levels at any growing stage while not exceeding sulphate needs of the plant.

In drip irrigation systems on alkaline soils, the low pH of Krista™ SOP contributes to a slight acidification of the zone surrounding the roots (rhizosphere), enhancing the availability of phosphate and micronutrients present in the soil.

In hydroponics, Krista™ SOP is used as a sulphate source for crops that demand high sulphur.

### High purity fertilizer

Krista™ SOP contains no elements detrimental to plants: it is free of chlorine compounds, sodium and heavy metals.

### Fully soluble

Krista™ SOP is a free-flowing, fine crystalline powder, soluble in water.

### Compatibility

Krista™ SOP can be mixed with all water-soluble fertilizers, except soluble calcium fertilizers, nor concentrated magnesium solutions. The high concentration of potassium and absence of nitrogen and phosphate enables the correct quantity of potassium to be supplied at any stage.

Krista™ SOP can be combined with N, P or NP fertilizers according to crop needs.

The information provided is accurate to the best of Yara's knowledge and belief. Any recommendations are meant as a guide and must be adapted to suit local conditions.



### Benefits

*Krista™ SOP is a fully water soluble sulphur and potassium fertilizer. It is a free flowing, fine crystalline powder which dissolves quickly in water without any residues. Krista™ SOP is suited to application through all fertigation systems: hydroponics, drip systems, low throw sprinklers, centre pivots and spray units.*

