

# SOLU K 52



SALINEN AUSTRIA

## SULPHATE OF POTASH EC FERTILISER

for organic and environmentally  
responsible agricultural production

AUSTRIAN QUALITY





**SOLU K 52**



**Bio**

## **SOLU K 52**

### **Your benefits at a glance**



- ◆ ensures optimum uptake of both potassium and sulphur
- ◆ improves yield and quality in cash crops
- ◆ excellent for use under conditions prone to salinity
- ◆ preferably used for special crops such as fruits, wine and vegetables
- ◆ highly profitable fertiliser with the bonus of added potassium content
- ◆ compatible with other fertiliser components (except those containing calcium)
- ◆ simultaneously reduces cation leaching and the risk of potassium loss
- ◆ permitted for use in organic farming
- ◆ protects the environment



SOLU K 52 is a subproduct of pure dried vacuum salt from the mountains of Salzkammergut - Bad Ischl, Altaussee and Hallstatt, a UNESCO World Heritage Region - produced under sustainable and environmentally friendly conditions. The production takes place at a fully automated production line meeting all the latest standards.



## **For ORGANIC FARMING ...**

### **Sulphate of Potash - EC FERTILISER**

**100% water soluble – for organic and environmentally responsible agricultural production**

Sulphate of Potash (SOP) is considered as one of the most beneficial speciality potassium fertilisers. It combines two essential nutrients, sulphur and potassium. As both nutrients are water soluble, they are released immediately and can thus act in time to prevent nutrient deficiencies or imbalances in crops and soils.

Due to its natural origin and sustainable processing, SOLU K 52 is suitable for organic farming according to regulation (EC) 2018/848 and (EC) 889/2008. Potassium plays a vital role in enhancing the quality of fruits and vegetables. From improving flavour and appearance to helping plants resist diseases, potassium is key for a successful fertility and production program. Furthermore, the firmness of the plant tissue, and consequently its storage capability and handling, is enhanced by potassium.





**SOLU K 52**



## ... and **CONVENTIONAL CULTIVATION** **SOLU K 52 Sulphate of Potash - EC FERTILISER**

**BENEFIT**



SOLU K 52 is a dual-nutrient source of potassium and sulphate for crops on open fields as well as in greenhouses due to its high solubility.

SOLU K 52 is a pure, natural, highly concentrated, fully soluble fertiliser that mixes well with other products. It is easy to handle in greenhouses, hydroponics, foliar feeding and in open field fertigation using either a drip, sprinkler, or central pivot system.

Speciality fertilisers containing sulphur, such as sulphate of potash, are highly recommended for special crops that are sensitive to chloride, such as citrus fruits, wine and vegetables.

**APPLICATION**



### **Use recommendations**

- ◆ you can achieve the optimum fertiliser solution by first dissolving SOLU K 52 in a tank filled with at least two thirds water
- ◆ add other products to the tank after SOLU K 52 has completely dissolved
- ◆ dissolving time depends on stirring device as well as quality and temperature of water

### **SOLU K 52 is compatible with:**

- ◆ most other fertilisers within normal concentration ranges
- ◆ most plant care products used for foliar application
- ◆ other foliar additives, such as wetting agents

Please keep in mind that fertilisers containing calcium and sulphate should be dissolved in separate tanks, as they may cause precipitation of gypsum when mixed or dissolved together in the same vessel.

### **Typical SOLU K 52 specification appearance: crystal powder**

K <sub>2</sub> O	52,5 %, water soluble potassium oxide (= 43,6 % K)
SO <sub>3</sub>	45 %, water soluble sulphur trioxide (= 18 % S)
Bulk density	(1,40 bis 1,60 kg/l)
pH in 5% solution	7 – 9

<b>SOLU K 52</b>	
	on EURO pallets of 1050 kg net
25 kg bags	✓

**Meets the requirements of Demeter**



AUSTRIAN QUALITY

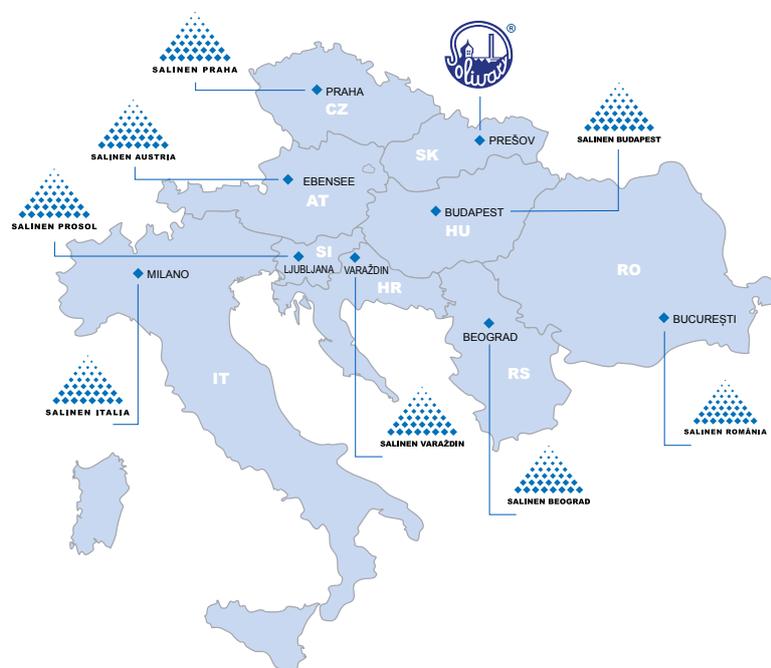
# SALINEN AUSTRIA AG

Salinen Austria AG is one of Europe's leading salt producers. Focusing on speciality salts, the company is carrying a 7,000-year tradition of salt mining in the Salzkammergut region into the future. Its roots can be traced back to the acquisition of ownership rights by Emperor Frederick III in 1449. Salinen Austria was state owned for many years until converting into a joint stock company in 1979 and being fully privatised in 1997.

The company based in Ebensee, at the Traunsee lake in Upper Austria, currently has 470 employees in Austria, with 50 more working in sales offices in southeastern Europe. Production amounts to 1.2 million tons of salt and the export ratio is 55 percent. To ensure this quantity can be managed, Salinen Austria AG has own warehouses with a total capacity in excess of 300,000 tons for bulk material.

Salinen Austria AG stands for high expertise in the salt area; its products are based on quality, purity, roots and tradition. Products are made from the purest vacuum salt and top quality natural salt from Bad Ischl, Altaussee and Hallstatt in the mountains of the Salzkammergut. Sustainable, environmentally compatible production is our top priority. Production is fully automated at one of the most modern salt extraction plants in Europe. Pure, high quality vacuum salt from Salinen Austria AG is highly versatile and used in a range of product lines. The product range covers everything from table

salt and pickling salt for the commercial sector and food industry to high purity pharmaceutical salt for medical applications, salt tablets for water treatment, animal salt, industrial salt for chlorine electrolysis and de-icing salt for clearing roads in winter. Potassium sulphate, a co-product of salt production, is used among others as fertiliser in organic farming and garden centres.



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! SALINEN AUSTRIA AG is certified according to GMP, IFS (incl. HACCP), QS, ISO 9001, ISO 14001, etc. and guarantees the highest quality standards. Highly modern production processes and our qualified experts ensure a consistently high product quality, highest purity and full traceability. Our products comply with the applicable standards & quality criteria and meet the highest requirements.

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