

Potassium Sulphate (SOP)

$K_2SO_4 \geq 99,3\%$

Potassium sulphate (SOP) - is a water-soluble potassium sulfur-containing chlorine-free fertilizer.

Potassium sulphate is used for basic, pre-sowing application and for feeding various agricultural and ornamental plantings grown in open and protected ground on all types of soil.

Potassium sulphate fertilizer is a water-soluble source of potassium with 18% sulfur content for fruits, vegetables and flowers. Recommended for cruciferous crops (kale, cauliflower, broccoli, kohlrabi, watercress, spinach, Brussels sprouts, radishes, turnips or fodder turnips, rutabaga), vegetable crops (peppers, eggplants, tomatoes, cucumbers, etc.) and just serophilous crops: oilseeds. rapeseed, sunflower, onion, garlic, etc. Highly effective for chlorine-sensitive crops: potatoes, tobacco, flax, grapes, citrus fruits, early corn, etc.

Suitable for use as a component for the preparation of water-soluble NPK fertilizers and liquid complex fertilizers.

ADVANTAGES OF Potassium sulphate (SOP)

Does not contain chlorine, is an optimal additive for chlorine-sensitive crops;

- Has a low salt index, suitable for all types of soil;
- Does not contain nitrogen, which is an advantage at the final stages of plant development;
- Improves the quality and taste of vegetables and fruits;
- Improves the appearance and color, hardness and suitability of fruits and vegetables for processing, increases the shelf life of products;
- Increases plant resistance to abiotic stress (drought, frost), insects and diseases.
- More detailed application information is available upon customer request.



QUALITY CHARACTERISTIC

VALUE

| | |
|---|--|
| Appearance | Fine white, yellowish or brown crystal |
| K_2SO_4 %, min | 99,3 |
| Mass fraction of water-soluble potassium in terms of K_2O , % | 52±1 |
| Sulphur (S) soluble in water, %, min | 18 |
| Moisture content, max, % | 0,3 |
| Chlorides (Cl), %, max | 0.1 |
| Insolubles, %, max | 0.1 |
| pH of 0,1 M solution | 5,5-7,5 |
| Turbidity, NTU, max | 50 |
| Solubility in water at 200C, g/100 g | 11 |
| Friability, % | 100 |

PACKAGING AND STORAGE CONDITIONS:

The product is packed in 25 kg and 50 lbs laminated polypropylene bags with polyethylene liner and in 1000, 1200 and 1250 kg big-bags.

Store in covered storage facilities that exclude penetration of precipitation and ground water. Warranty period is 1 year from the date of manufacture under the recommended conditions of transportation and storage. Shelf life is unlimited.

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