

POTASSIUM SULPHATE

Water soluble potassium sulphate is used for basic, pre-sowing fertilizer application and for various crop and ornamental plants, grown in the open and protected field, for all soil types. Can be used as raw material for the preparation of water-soluble NPK fertilizers and liquid complex fertilizers. Do not mix with calcium nitrate.

Potassium sulphate is a water-soluble source of potassium and sulphur for fruits, vegetables and flowers. Recommended for cruciferous crops (leaf and cauliflower, broccoli, kohlrabi, watercress, spinach, Brussels sprouts, arugula, radishes, turnips or forage turnips, swede), vegetables (peppers, eggplant, tomato, cucumber, etc.) and S-loving crops: oilseed rape (canola), sunflower, onion, garlic, etc. Highly effective for chlorine-sensitive crops: potatoes, tobacco, flax, grapes, citrus fruits, corn in the early stages of development, etc. Potassium sulphate is also used for industrial purposes.

THE ADVANTAGES OF POTASSIUM SULPHATE:

- Chlorine free, is an optimal supplement for chlorine-sensitive crops;
- Has a low salt index, suitable for all types of soil;
- Doesn't contain nitrogen, which is an advantage in the final stages of plant development;
- Improves the quality and flavour of vegetables and fruits;
- Improves crop yields, appearance and colour, increases shelf life and improves the suitability of fruit and vegetables for processing;
- Increases plant resistance to abiotic stress (drought, frost), insects and diseases



QUALITY CHARACTERISTIC

Premium Plus

Premium

QUALITY CHARACTERISTIC	Premium Plus	Premium
Appearance	White crystal	Fine white-creamy powder
Purity, % , min	99.3	99
K ₂ O, %	52±1	53±1
Mass fraction of sulfur,% , min	18	17
Humidity,% , max	0.3	0.15
Insolubles,% , max	0.1	0.1
Chlorides (Cl), % , max	0.1	0.15
pH of 0.1 M solution	6-8	5.5-5.8
Turbidity, NTU, max	25 (20% solution)	100 (5% solution)
Solubility in water at 20°C, g/1000 cm ³	100	110
Friability, %	100	100
Arsenic (As), ppm, max	2	0.5
Lead (Pb), ppm, max	1	0.6
Cadmium (Cd), ppm, max	0.5	0.01
Mercury (Hg), ppm, max	0.1	1.2

The allowed tolerance of the nutrient content is set in accordance with the domestic regulation of the country of import.

PACKING AND STORAGE

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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