

Monopotassium phosphate (MKP)

$\text{KH}_2\text{PO}_4 \geq 99,7\%$

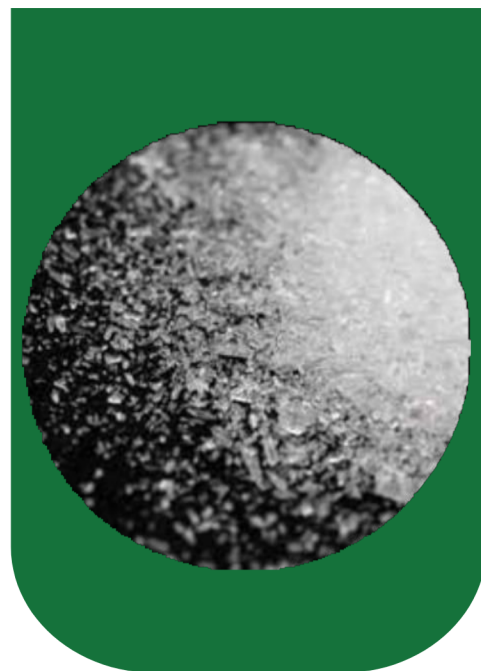
Monopotassium phosphate is a water-soluble phosphorus-potassium fertilizer with a high concentration of phosphorus. It is used both outdoors and in protected ground at any phenological stage of plant development, as well as for foliar treatments. Monopotassium phosphate is highly soluble in water, quickly absorbed by plants, which makes it possible to use it for foliar dressing, as well as for root dressing through the irrigation system. It is especially recommended for hydroponics as it contains no chlorine and insoluble impurities.

A solution of MKP is excellent for processing horticultural fruit crops to extend the flowering period with further stimulation of intensive fruiting. Also for ornamental outdoor crops.

ADVANTAGES OF MONOPOTASSIUM PHOSPHATE (MKP)

- absence of harmful components and heavy metals in the composition;
- improving the taste of fruits;
- protection of plants from fungal microorganisms and powdery mildew;
- protection of seedlings from temperature fluctuations;
- maintaining optimal moisture parameters in the greenhouse;
- increased flowering period of home flowers;
- no risk of soil acidification;

excellently combined with pesticides, which allows for complex processing of crops in the open field



QUALITY CHARACTERISTIC

VALUE

Appearance	colorless transparent crystals or white crystalline powder
KH_2PO_4 , %, min	99,7
Mass fraction of total phosphates in terms of P_2O_5 , %	52 ±1
Water-soluble phosphates (on P_2O_5 basis), %	52 ±1
P_2O_5 soluble in neutral Ammonium Citrate, %	52±1
Mass fraction of water-soluble potassium in terms of K_2O , %	34±1
Moisture content, max, %	0,3
Insolubles, %, max	0.04
pH of 0,1 M solution	4,6±0,2
Turbidity, NTU, max	25
Solubility in water at 200C, g/100 g	22
Friability, %	100
Granulometry:	
Mass fraction of particle size:	
less than 1 mm, %, not less	95
from 1 to 4 mm, %, not less	97
from 4 to 6 mm, %, no more	3
more than 6 mm, %	0

PACKAGING AND STORAGE CONDITIONS:

The product is packed in laminated polypropylene bags of 25 kg and 50 kg 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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