



# hortipray®

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## Monopotassium Phosphate (MKP)

Hortipray MKP is a soluble monopotassium phosphate fertiliser in the form of a free flowing crystalline powder.

### Benefits

Hortipray MKP quickly dissolves to provide the much needed phosphorous and potassium to plants at all growth stages, in hydroponics as well as soil grown crops. Our product is free of chlorine, sodium and heavy metals.

Hortipray MKP has been produced for 20 years by Prayon at our plant in Puurs, Belgium. The high quality of our standard product makes Hortipray MKP suitable for all fertigation systems through drip irrigation, NFT, sprinklers, centre pivots and lateral movement irrigation systems.



PRAYON

Quality – Purity – Solubility – Availability

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# Monopotassium Phosphate (MKP)

## Recommendations

Hortipray MKP can be mixed with all water-soluble fertilisers, except for calcium fertilisers and concentrated magnesium solutions. In hydroponic systems, it should normally be added to the B tank along with the sulphates and trace elements.

Hortipray MKP has a buffering effect which will help stabilise the pH of the solution at around 4.5.

## Product specifications

**Chemical formula:**  $\text{KH}_2\text{PO}_4$

Phosphorous ( $\text{P}_2\text{O}_5$ ).....	52.1%
Phosphorous (P).....	22.7%
Potassium ( $\text{K}_2\text{O}$ ).....	34.5%
Potassium (K).....	28.6%
Solubility (20°C).....	225 g / L water
EC (1g/L at 25°C).....	0.7 mS/cm
pH (1% solution).....	4.5

## Packaging and transportation

**25kg bag:** Polyethylene

**Big Bag:** Woven polypropylene (with an inner liner) of 250 to 1200kg

Packing and storage on pallets at the production site keep the purity level high. Hortipray MKP can be delivered by road, railway and sea.

## Quality certifications

ISO 9001:2000

OHSAS 18001:1999

ISO 14001 (1996)

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