



VITTAFOS MKP

PK fertiliser solution

Vittafos MKP can be used both for fertigation in hydroponics and for foliar fertilisation in general. For foliar fertilisation, the same application and dosage apply as for Vittafos, with hydroponics, other nutrients can be added to obtain a balanced nutrient solution. The fertilisation programs should be well prepared and calculated; in doing so, it is essential to take account of water analyses and other required parameters such as pH and conductivity. For hydroponics, depending on the crop and phase, the dosage is expressed in millimol or milliequivalent.

When using **Vittafos MKP**, these values for phosphorus and potassium can be partly or entirely exchanged, on the other hand, they must be covered by MKP or other raw materials.

203 g of **Vittafos MKP** correspond to 1 milliequivalent of H_2PO_4 and 1 milliequivalent of K^+ .

Put more simply:

1 kg of MKP can be replaced by 1 litre of Vittafos MKP to supply the plant with the same quantity of P_2O_5 and K_2O , however, it has a stronger effect.

Properties:

- Fertiliser solution with high proportions of soluble phosphorus and potassium.
- Very easy and rapid absorption of the macronutrients.
- Same element ratios as with mono-potassium phosphate MKP 52/34, and thus ideal for hydroponics (production without soil).

Benefits and targets:

- Vittafos MKP is easier to use and much more effective than normal MKP.
- Promotes the absorption of phosphorus and other nutrients.
- Guarantees higher yields, better quality.
- Increases the plants' resistance towards environmental influences and makes them stronger.
- The high potassium content ensures better quality (colour, sugar content, consistency, size, storage life, etc.).



Application and dosage:

Vittafos MKP is suitable for:

- All hydroponic and potted plants
- Strawberry, tomato, cucumber, pepper
- Flowers such as roses and gerbera
- Ornamental and potted plants such as cyclamen, poinsettia, geranium, hydrangea, Hibiscus and others
- Chrysanthemum, carnation

General dosage for all soil plants:

For foliar fertilisation: 0.25-0.3% solution

For fertigation: 10-15 L/ha

Miscibility:

This product can be mixed with all known plant protection products, however, we recommend performing a miscibility test before using.

Packaging:

10 L (15.09 kg)

20 L (30.18 kg)

1000 L (1509 kg)



Composition:

Water-soluble phosphorus pentoxide (P_2O_5): 35%

Water-soluble potassium oxide (K_2O): 23%

Technical data:

Specific weight at 20° C: 1.509 kg/L

pH: 4.7-4.9

