



**MENAFERT**

Product leaflet

# **Straights**

## **Urea Phosphate HG**

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## Straights

## Urea Phosphate HG

Product Leaflet

Menafert has a complete line of water soluble phosphate products in potassium, ammonia and urea forms. They have all good solubility and high nutrient content. Our high grade straights are suitable for foliar application and fertigation, and hydroponics systems (MKP-MAP). Our products are in solid form. In liquid formulation, we propose phosphoric acid at different concentrations.

For a complete overview of our Calcium products, please visit our website: [www.menafert.com](http://www.menafert.com).

### Product characteristics

- Crystalline Product, fully water-soluble
- Low on sodium, chloride or other detrimental elements to plants
- Source of phosphate particularly effective in alkaline soils. A particular interest at the beginning of growth to develop the root system.
- Use with hard water prevents clogging and deposits in the irrigation system
- Mainly used on field crops and fruit trees. Its use in certain situations and on vegetables can be a way to get an earlier production in calcareous soils
- Can be used mainly in fertigation and as an ingredient of ws NPK.
- Compatible with most water-soluble fertilizers

## Dosing instructions | Fertigation

Crop	Application stage	Total dosage in Kg/ha
Fruit trees	As of start of fertigation until 4 to 6 weeks before harvesting	100 - 200 kg
Vineyards (adult table grapes)	As of start of fertigation/early stage of bed opening until end of flowering period	50 - 200 kg
Citrus	During entire crop cycle, with dominance on spring and mid winter	150 - 250 kg
Vegetables	As of planting until 3 to 4 weeks before harvesting. Depending of crops	100 - 200 kg
Processing vegetables		
• Potatoes	As of start of fertigation until mid of tuber bulking stage.	100 - 200 kg
• Tomatoes	As of start of fertigation until 6 weeks before harvesting	150 - 250 kg
Banana	During entire fertigation period	200-300 kg

## Dosing instructions | Foliar

Crop	Application stage	Dosage in kg/application	Concentration of spray solution
Apple, pear	1 - 2 applications after end of flowering	1 - 2 kg/ha *	0,1-0,15% (w/v)
Stone Fruits	1 - 2 applications: From fruit growth until 25-30% of final fruits size	1 - 2 kg/ha **	0,1-0,15% (w/v)
Citrus	1 - 2 applications Fruit development stages	2 - 3 kg/ha*	0,1-0,2% (w/v)
Olive	1 - 2 applications Before flowering induction until fruit setting	2 - 3 kg/ha*	0,1-0,2% (w/v)
Vegetables	In case of additional Phosphate needs. As of first vegetative stage until 4-6 weeks before harvesting	1 - 2 kg*	0,1-0,15% (w/v)

\* The dosage is subject to the amount of water used. We recommend small amounts and concentrations, depending on the pH of water used

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Menafert Urea Phosphate is compatible with most commonly used fertilizers, except calcium or magnesium fertilizers. Therefore the usage of a separate tank is needed or fertilizers should be applied on different times. It is compatible with pesticides, though it is advisable to confirm compatibility of your intended spray-mix by preparing a sample of the spray materials at their recommended concentrations in order to rule out the possibility of a detrimental cross reaction. This mixture should be sprayed onto small area prior to commercial treatment, in order to assess whether an adverse effect occurs.

The mentioned indicated dosage and application stages are subject to soil and climatic conditions, possible use of manure, influence of previous crops and other specific conditions. Exact dosages and application stages can only be given after an objective diagnostic procedure by e.g. soil and plant analyses.