



**PRODUCT INFO  
& DATASHEET**

## SICOGREEN®-K HP

*Water soluble crystalline NPK 4.18.38 + 0.3 MgO + CTE*

### PRODUCT SPECIFICATIONS

#### 1) Chemical Analysis (Tolerances and deviations allowed as per EU regulations)

	Guaranteed	Calculated Specifications
Nitrogen (N)	Min. 4 %	1.4% Ammoniacal N (N-NH <sub>4</sub> ) 3.40% Nitrate N (N-NO <sub>3</sub> ) 0.0% Ureic N (N-NH <sub>2</sub> )
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	Min. 18 %	18.80% water soluble 18.80% soluble in water and neutral ammoniacal citrate
Potassiumoxide (K <sub>2</sub> O)	Min. 38 %	38.80% water soluble
Magnesium Oxide (MgO)	0.33 %	water soluble
Sulphur Trioxide SO <sub>3</sub>		18.06%

#### Chelated Trace Elements (CTE)

Fe chelated EDTA	320 ppm	B soluble	100 ppm
Mn chelated EDTA	160 ppm	Mo soluble	10 ppm
Zn chelated EDTA	80 ppm	Cu chelated EDTA	30 ppm

#### LOW CHLORINE FERTILISER

#### 2) Physical Specifications

\* Appearance/Colour:

Crystalline/powder form  
Can be colored green/red/blue or yellow on request with extra price.  
We do not take responsibility for the intensity of the coloring as changes in reaction with the ingredients from batch to batch.  
max. 0.5%

\* Humidity:

### GENERAL RECOMMENDATIONS FOR USE

SICOGREEN NPK's are fully water soluble fertilisers and hence suitable for fertirrigation and foliar applications.

#### As foliar fertiliser:

use 2-6 kg/ha in 200-1000 litres of water. Apply when deficiency symptoms occur and repeat 2 - 3 times.

**In fertigation:** use 2 gr/l in irrigation water. Apply shortly before stage of strong growth and repeat the application.

The above recommendations should be adapted depending on differences in climate, soil temperature, application and irrigation system. Furthermore: the number of applications, the quantity per ha as well as the interval times may vary regarding the culture types and the formulations. Please consult your local dealer or a qualified agronomist.

#### 1) Strewing under glass

- \* Cut-flowers: 10 - 40 gr/sqm
  - \* Vegetables: 20 - 50 gr/sqm
- Repeat according to requirements.

#### 2) Liquid fertilisation of cut-flowers, potting plants, vegetables

With 4 - 8 ltr. solution per sqm per week:

- \* Juvenile growth: 0.5 - 2‰ (0.5 - 2 gr/ltr)
- \* Main growth: 1 - 4‰ (1 - 4 gr/ltr)

#### 3) Foliar applications

With 1 ltr. solution per sqm

- \* Potting plants: 0.5 - 2‰
- \* Cut-flowers: 1 - 2‰
- \* Vegetables: 2.5‰

#### 4) Grassfields

50 kg/ha, to be sprayed in 1,000 ltrs. water/ha. To prepare the basic solution, use max. 17.5 kgs SICOGREEN powder per 100 ltrs. of water. Do not mix basic or feeding solutions with calcareous solutions.

The feeding solutions are slightly acid: pH between 5.2 and 6.2

### APPLICATION

**SICOGREEN NPK'S** can be used in most common cultivations as foliar spray or in fertigation to prevent or treat deficiencies of various trace elements. It can be combined with most insecticides.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose.  
No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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**SICO FERTILISERS**  
EVERY TIME THE RIGHT SOLUTION