



**PRODUCT INFO  
& DATASHEET**

# SICOGREEN<sup>®</sup>-K HP

## Water soluble crystalline NPK 5.18.38 + CTE

### **PRODUCT SPECIFICATIONS**

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

|   | <b>Guaranteed</b> | <b>Calculated Specifications</b>                       |         |
|---|-------------------|--|---------|
| Nitrogen (N)  | Min. 5            | 2% Ammoniacal N (N-NH <sub>4</sub> )                   |         |
|   |                   | 3.30% Nitrate N (N-NO <sub>3</sub> )                   |         |
|   |                   | 0.0% Urea N (N-NH <sub>2</sub> )                       |         |
| Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ) | Min. 18           | 18.20% water soluble                                   |         |
|   |                   | 18.20% soluble in water and neutral ammoniacal citrate |         |
| Potassiumoxide (K <sub>2</sub> O)                     | Min. 38           | 38.40% water soluble                                   |         |
| Sulphur Trioxide (SO <sub>3</sub> )                   |                   | 19.20%   |         |
| <b><u>Chelated Trace Elements (CTE)</u></b>           |                   |  |         |
| 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.

\* Humidity:

max. 0.5%

#### **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, potted 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

\* Potted 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.